



MEDFORD HISTORICAL SOCIETY AND MUSEUM

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CITY OF MEDFORD.

THE MAYOR'S ADDRESS
TO THE
BOARD OF ALDERMEN,
JANUARY 6, 1919.

THE
CITY GOVERNMENT,
THE
FINANCIAL STATEMENTS,
AND THE
ANNUAL REPORTS,
FOR THE YEAR
1918

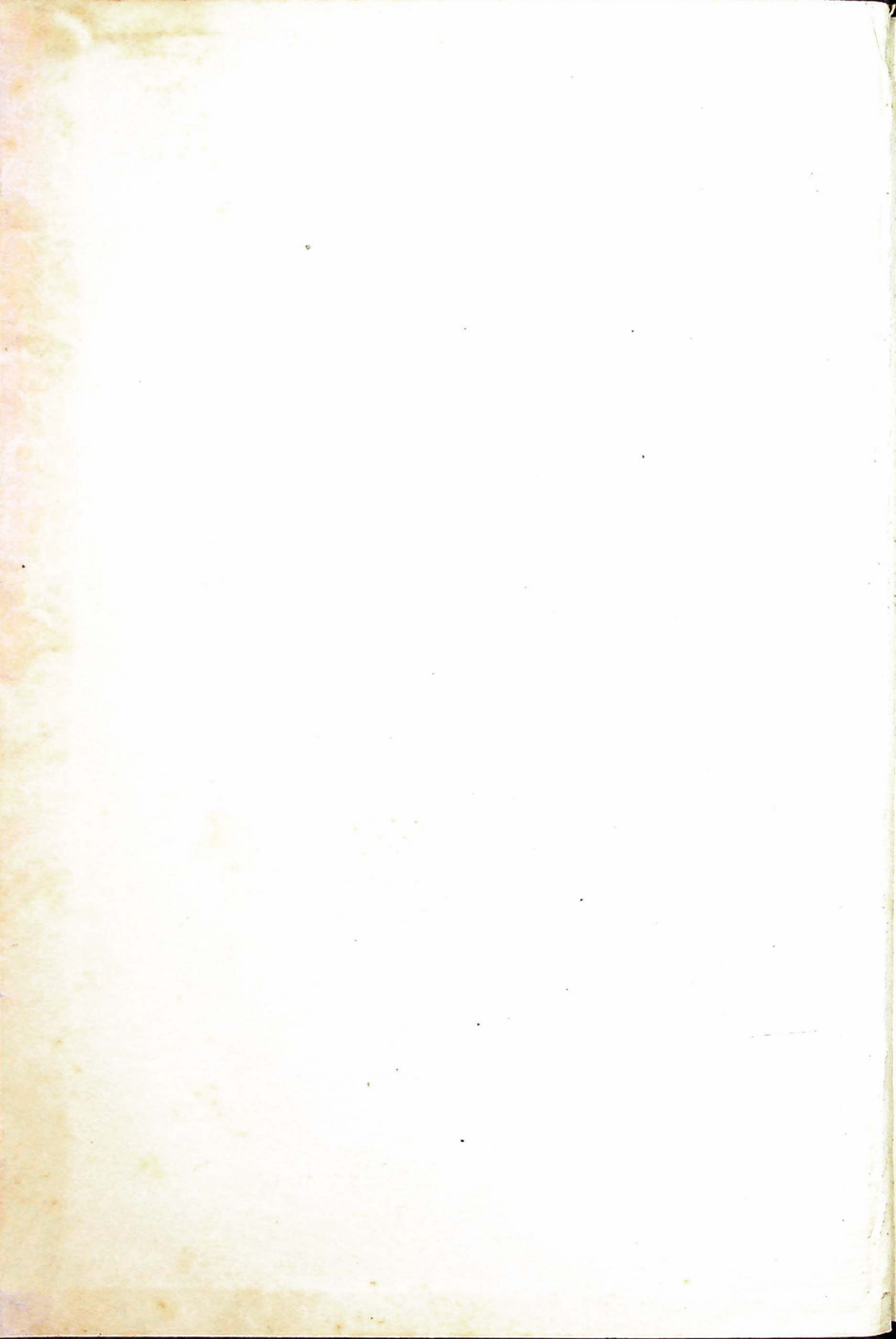
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2012.FIC.33.187



CITY OF MEDFORD

THE MAYOR'S ADDRESS

TO THE

Board of Aldermen, January 6, 1919

THE CITY GOVERNMENT
THE FINANCIAL STATEMENTS

AND THE

ANNUAL REPORTS

FOR THE YEAR

1918

Published by the City Auditor, as Directed by the Mayor

MEDFORD, MASS.
MEDFORD MERCURY PRESS
1919

THIRD INAUGURAL ADDRESS
OF
HON. BENJAMIN F. HAINES
MAYOR OF MEDFORD

DELIVERED

January Sixth, Nineteen Hundred Ninteen

For the great and unprecedented honor of being elected as Chief Executive of the City of Medford, I am sincerely proud and deeply grateful.

This magnificent endorsement demonstrates that the projects which I have advocated and the policies I have furthered have met with the approval of the citizens of Medford.

Inspired by this proof of confidence on your part, I intend more energetically than ever to press onward with those projects which I have kept ever before me through these many months of trial and hardship.

We, the Mayor and the Board of Aldermen, have been selected by the voters of the City of Medford to direct the public affairs of this community.

Since last we gathered here the world has been plunged into a cruel and bloody war, the consequences of which have made changes not only in our national and municipal life but in the very character of our citizens.

The red-blooded men of our Nation have been drawn from our midst, many never to return, sacrificed in the cause of humanity, to be glorified by the appreciation of nations and peoples yet unborn.

Our first endeavor during this long siege of anxiety has been to see to it that Medford's boys were continually in the minds and hearts of our citizens and were ever present in our plans for their welfare.

All personal ends have been set aside and all municipal endeavors have been sacrificed to the paramount issue of patriotism and national success.

The healthy, strong and rapid development, which had marked our progress in recent years, was brought to an abrupt end that we might be victorious in the undertaking toward which we had all pledged our Country's honor, power, wealth, happiness and very existences.

Our endeavors have not been in vain and we stand before the world with honor untarnished, with fame undying, with strength unsurpassed, with wealth unbounded and with resources unlimited.

For a time it seemed that right was on the scaffold and that might was on the throne, but slowly at first came the dawn, then with a rush unparalled in history came the soft light of peace, and now the brilliant glow of achievement.

Our Nation, grown slothful in its great wealth and soft in the long years of peace, was put to the test of fire and of steel, and by millions our manhood answered the call and untold millions were ready to follow when the need arose.

In the air, in the seas, in the trenches, in the camps, on all the battlefields of Europe, in darkest Russia, in dreaded Siberia, in blood-soaked France, in unhappy Belgium and in beautiful Italy, our boys came to the rescue of humanity and raised and supported the standard of the weak and down trodden.

We have fed and clothed two-thirds of the entire world and sent our men and supplies over 3,000 miles to accomplish these great results.

In these glorious tasks, our own good City of Medford has in every instance done its share.

Our own Co. E of the old Fifth Regiment, afterwards Co. E of the 101st, was a part of the 26th Division which was the first fighting force of our new army to carry "Old Glory" on foreign soil. Our own Co. E of the old Dandy Fifth, the Lawrence Light Guard, were the first American soldiers to go "over the top" in that famous Division. Our own boys were among the first Americans to be decorated with the Croix de Guerre. Recognized as they are, the world over, as the bravest of the brave, we have every right to view with pride their glorious record.

Our Medford boys have been represented in every call to arms from the Revolutionary War onward and every branch in the service has been strengthened by their bravery and patriotic support.

Not alone did we rush to arms in the assistance of our Country, but our men and women, both young and old, were represented in every patriotic endeavor and responded heartily and cheerfully to every appeal.

Our local Militia, composed of men whose duty demanded their presence here at home, grew over night into a body of well-trained soldiers. Our Home Guard, composed of men in all walks of life, have performed wonderful service for the City itself, answering every call for civic protection.

Our youth, in their military organizations, have vied with their sires in their patriotic zeal.

I feel that it would ill become the Chief Executive of this beautiful and prosperous City to bemoan or more than mention the fact of our expenditures and our hardships and privations made necessary by the great struggle for the existence of all those high ideals which we have held most sacred.

We have sacrificed, we have given of our time, our wealth, and of our opportunities, that our glorious future might become an acknowledged fact and we pride ourselves that we have gone through from the beginning to the end without a complaint and with an undimmed vision, and with a certainty that if a need came we, too, would go forth to the end and give our all, our very lives, for the glory and protection of our God, our Homes and our Country.

And now sweet peace is ours. Once more we take upon ourselves the accustomed work necessary for the every-day happiness of our people. The neglected construction and repairs must be resumed and, in spite of all the unusual conditions which we have been obliged to face, we find ourselves well equipped to undertake anew the work where we were obliged to leave it nearly two years ago.

It is customary to comment on the actions and accomplishments of the various departments and even in this year of adversity the results have been phenomenal.

The City Clerk's Department, as now conducted under Charles A. Winslow, is in an excellent condition and its efficiency is unsurpassed within the confines of our Commonwealth. Courteous and painstaking, our City Clerk has by his impartial treatment of our citizens accomplished beneficial results.

In speaking of the City Treasurer, Edward A. Badger,

the City Collector, Edward W. Hayes, and the City Auditor, George D. Cummings, I can give them no higher commendation than to say that they have conducted their offices in conformance with the same high standard they have always maintained.

The position of City Solicitor has been one of great hardship, inasmuch as the salary has been inadequate and the facilities are lacking with which to meet the requirements of this office. I hope to effect an improvement in this department before the close of the year, since we have now been able to increase the salary.

The City Physician, Edward W. Barrett, during this last year, has been extremely busy but has never failed to respond to the call of our City's poor and unfortunate.

The appointment of a City Purchasing Agent in the City of Medford has justified itself, but times have been such that a fair test has not been given. William H. Casey has built up this department and has effected a system of rigid economy in the City's purchases.

Our Street Commissioner, Hugh G. Kennedy, has performed wonders in the care of our streets and without sufficient money to conduct his work in ordinary times, he has given us excellent service under these recent unusual conditions.

In John F. Welch, we are blessed with the most obliging, up-to-date and efficient Chief of Police in the Commonwealth. No commendation on my part is necessary to increase his popularity with our citizens.

At last I am nearly satisfied with the Board of Assessors and feel sure that, if we had not faced war conditions, this year would have seen a re-adjustment of assessment, so that the values would now be the actual worth of the property. This result must be effected during the next two years.

The Board of Health has not only successfully faced unusual conditions of financial stringency but has effectively taken care of infantile paralysis and influenza, greatly to their credit and our benefit.

The Department of the Overseers of the Poor, I believe to be thoroughly efficient and is now being run on a practical and charitable basis.

Most cheerfully have the Park Commissioners co-operated with the administration in improving the parks and in giving the children increased facilities for healthy outdoor exercise with up-to-date apparatus and under the systematic instructions of competent teachers. I feel that their excellent work has done much for the health and up-building of our youth.

The Water and Sewer Department, which comes in touch most closely with the people, by rigid economy has been able to lower our water rates, although last winter the City charged nothing for water which was let run to avoid freezing.

That our cemeteries, at so small an expense, are kept in such beautiful condition is a matter of wonderment and comment in other cities in the Commonwealth. This condition has been made possible by the high class of public-spirited citizens who devote their time and money to the work of this Commission,

In our Public Library there is exemplified by the trustees the same amount of pride in efficient accomplishment of public duty as has characterized this department these many years and made possible excellent equipment and efficient public service.

Much must be accomplished in the next two years by our City Engineer and our Board of Survey.

Medford's reawakening is going to start within the

next few months and great tracts of new territory must be built on progressive lines and with future growth ever in mind. We are looking to our City Engineer, Fred Charnock, to give the same careful attention to detail which has for many years made his department successful.

Inspector of Wires Henry A. Gaffney, has, during the last year, perfected our fire alarm system and his department is now fully prepared to cope with the new situations as they arise.

My heart was so wounded by the death of our late City Messenger, Edward Curran, that I feel that I would have been prejudiced against any man who should take his place in our municipal life.

My months of public service with our present City Messenger, Arthur E. Crowley, convince me, however, that he is a careful, conscientious, public servant, who has maintained the same standard of efficiency which Medford has always demanded in that position.

“Sometimes I backward trace the years
Into the long ago;
And see the friends that time endears
All passing to and fro,
But in a dream, for few remain
Of those dear friends of yore,
And those who are left I count as gain
And cherish all the more.

“At every board a vacant chair
Fills with quick tears some tender eye,
Amidst our maddest sports appear,
Those well loved forms that will not die;
In jest, a spectre rises up—
And weeping, though no word is said,
We kiss and pass the silent cup,
A tribute to our loved dead.”

Patrick Kearins, loved and respected by all who knew him, passed into the great beyond on February 21, 1918, a big-hearted, rugged type of manhood who devoted much time to the welfare of our City as Chairman to the Water and Sewer Commissioners.

Emery Holmes, for many years Chief of Police in the City of Medford, died November 24, 1918. He was a faithful, public servant, whose absolute adherence to the strict performance of duty in public office gained for him the love and respect of all with whom he came in contact.

After a long illness, our veteran fire fighter, Charles E. Bacon, passed from among us, on September 3, 1918, a man whose sweetness of character and singleness of purpose endeared him to all; a man free from guile and bitterness. His pleasant smile and kind, cheerful words will be missed in his home and in our official circles where his life was spent.

We are ready to go ahead; we stand prepared on the threshold of the re-adjustment period. Financially we are battered, but still safe and sound. We must have more and better streets, we must have more school facilities. Our departments must be kept up to the same efficient standard. We are a beautiful City of Homes and now, in this reconstruction and re-adjustment period, we must all work together as we have in the period of our trials and our hardships, to show this grand, old Commonwealth that as we were the first to take up arms for our Country's welfare, so we will be the first to enter the contest for municipal honors to make our community a good, clean, progressive, up-to-date City, in which our people can be happy and contented. We must demand a City of which we may all be justly proud and one which will write its name on history's page as the most progressive community in the grandest state of the greatest Nation in all the World.

FINANCIAL STATEMENT

The following is the financial statement of the City of Medford, January 1, 1919:

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
Nos. 51 to 62. Land adjoining High School Lot	12,000	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
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. 120 to 123. Fire and Police Signal Boxes, Garage, Heating Plant	2,000	00
Nos. 124 and 125. Sidewalks and Edgestones	6,000	00
Nos. 126 to 129. Ladder Motor Truck	\$5,500	00
Chassis	3,500	00
Fourth Street	3,500	00
Fourth Street Sidewalk	1,300	00
		13,800
No. 135. Land Adjoining High School Lot ...	\$2,200	000
Schoolhouses and Land	4,100	00
Paint, Blacksmith and Carpenter Shop	2,500	00
Boiler	1,200	00
		10,000
Amount carried forward		\$130,300

Amount brought forward	\$130,300 00
Nos. 5 to 10. Original Construction of Streets	3,600 00
Nos. 5 to 10. High School Equipment	1,500 00
No. 5. Farragut Avenue and Cherry Street (Sidewalks and Edgestone acct.)	500 00
Nos. 5 to 10. Wellington Road (Original construction of streets account)	3,000 00
Nos. 15 to 35. Sidewalk Loan	21,000 00

Total debt for which notes have been issued..... \$159,900 00

The bonded debt of the city consists of:—

City Hall, Act of 1913	\$180,000 00	
Junior High School, 1916	170,900 00	
Water Fund Bonds	120,000 00	
Public Building Loan	35,000 00	
Sewerage Loan	278,000 00	
Municipal Loan	25,000 00	
School Loan of 1912	159,000 00	
Public Playground Loan	40,000 00	
Park Loan	32,000 00	
Lincoln Schoolhouse Loan	45,000 00	
Metropolitan Park Assessment Loan	27,000 00	
City Stable Loan	15,000 00	
Schoolhouse Improvement Loan	14,000 00	
Schoolhouse Loan of 1908	95,000 00	
School Loan of 1911	52,000 00	
Sidewalks and Edgestones	3,800 00	
Surface Drainage Loan	23,000 00	
Drainage Loan of 1912	500 00	
Drainage Loan 1916	9,000 00	
Fire Station Loan	8,400 00	
High School Addition	29,500 00	
High School Original Equipment	12,000 00	
Departmental Equipment	12,100 00	
Original Construction of Streets	10,200 00	
Fulton Heights Schoolhouse	1,000 00	
Hancock Avenue Schoolhouse	43,250 00	
Forest Street	5,200 00	
Playground (Act 1914)	12,900 00	
Extreme Emergency	500 00	
Osgood Schoolhouse	22,000 00	
Playground Equipment	1,500 00	
Police Dept. Equipment	1,850 00	
Amounts carried forward	\$1,484,600 00	\$159,900 00

MAYOR'S ADDRESS

Amounts brought forward	\$1,484,600 00	\$159,000 00
Street Loan 1916	23,200 00	
Street Construction 1916	7,600 00	
Sidewalks of 1916	9,000 00	
Highway Dept. Equipment	1,800 00	
Hancock School 1916	1,500 00	
Junior High School 1916	1,500 00	
War Loan 1917	6,000 00	
Fire Loan 1917	34,000 00	
Osgood School 1917	5,500 00	
Departmental Equipment 1917	6,800 00	
Streets and Drains 1917	18,000 00	
Original Construction of Streets 1917	8,000 00	
Sidewalk 1917	24,000 00	
Surface Drains 1918	5,000 00	
Fire 1918	5,000 00	
War Emergency 1918	10,500 00	
Original Construction of Streets 1918	35,000 00	
Sidewalk 1918	20,000 00	
Permanent Pavement 1918	2,000 00	
Original Equipment 1918	15,000 00	
Sewer 1918	9,000 00	
Junior High School Additional 1918	40,000 00	

Total bonded debt\$1,773,000 00

Total debt for which bonds or notes have been issued\$1,932,000 00

The advance report of the Commissioners states the condition of the Sinking Funds as of December 31, 1918, as follows:—

Water	\$141,064 35	
Public Buildings	35,000 00	
Sewerage	164,169 37	
Public Playgrounds	8,464 26	
Park	32,000 00	
Metropolitan Park Assessment	14,652 04	
Schoolhouse Improvement	7,033 58	
City Stable	10,683 61	
Schoolhouse of 1908	45,324 66	
Lincoln Schoolhouse	36,186 40	
City Notes	94,685 97	
		<u>\$589,264 24</u>

Leaving our net debt Jan. 1, 1919\$1,343,635 76

The net debt Jan. 1, 1918 was 1,348,858 28

A decrease since Jan. 1, 1918, of \$5,222 52

MAYOR'S ADDRESS

Bonds and Notes paid in 1918	\$356,139 30	
Bonds were issued in 1918	143,500 00	
	<hr/>	\$212,639 30
The Sinking Funds decreased		207,416 78
		<hr/>
		\$5,222 52
Bonds have been authorized but not yet issued for:		
Surface drains	\$3,500 00	
Schoolhouses (portable)	10,000 00	
Whitmore brook	5,000 00	
	<hr/>	
	\$18,500 00	
Subtract decrease in net debt	5,222 52	
	<hr/>	
And the gross debt will have increased.....	\$13,277 48	
The report of the Commissioners of Sinking Funds also gives the total of the Trust Funds as		\$16,056 74
And the Perpetual Care Fund	\$47,211 89	
The City received in 1918	2,264 00	
	<hr/>	
Total of Perpetual Care Fund		\$49,476 80

Report of the City Auditor

Medford, Jan. 1, 1919

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 January 1, 1918, was \$ 25,498 01
The receipts from Jan. 1 to Dec. 31 were..... 2,173,026 87

\$2,198,524 88

Sixty-nine drafts have been drawn on the
treasury, amounting to 2,102,744 78

The cash in the treasury as shown by the books
of this office on Jan. 1, 1919, is \$95,780 10

Certificates have been received at this office showing
the amount on deposit at the close of business Feb. 20, 1919,
as follows:

In National Shawmut Bank.....	\$6,870 25
In Tremont Trust Co.	75 34
In Medford Trust Co.	38,379 78
Cash in the Treasury, including memorandums	535 04
Coupons held as cash	1,744 50

\$47,604 91

Deduct outstanding checks on Medford Trust Co. Nos. 18532, 18645, 19550, 23833, 23885, 23909, 23911, 23913 to 23915 inc.—23927, 23934, 23952, 23979, 23987, 24005, 24014, 24020, 24022, 24024, 24030, 24032, 24034 to 24039 inclusive	5,012 40
--	----------

True cash balance Feb. 20, 1919..... \$42,592 51

The Auditors' books show that the cash in the
treasury Jan. 1, 1919, was..... \$ 95,780 10

Receipts from Jan. 1 to Feb. 20, inclusive 201,508 51

Interest credited by National Shawmut bank
(to Feb. 20)

102 94

\$297,391 55

The items on drafts Nos. 1 to 8
inclusive and Nos. 654 to
658 inclusive on draft No.
9 amount to \$256,850 96

There have been paid either by
cash or check, the follow-
ing items: Nos. 207, 240,
262, 339, 476, 484, 490,
527, 584, 599, 631, 632, 637,
649 and two items not yet
due on pay rolls Nos. 283
and 292, all amounting to

2,051 92 254,799 04

Balance at close of business on Feb. 20, 1919 \$42,592 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, 1917	\$ 900 00
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Ashes

Received from:

Henry Risman, gleanings from dump.....	\$ 539 92
--	-----------

Bonds

Received from:

Harris, Forbes & Co., face value of the following bonds:	
Surface Drains	\$5,500.00
Fire Loan	5,500 00
War Emergency	4,000 00
R. L. Day & Co., face value of the following bonds:	
War Emergency	7,500 00
Original Construction of Streets	35,000 00
Curtis & Sanger, face value of the following bonds:	
Permanent Pavements	2,000 00
Original Equipment	15,000 00

REPORT OF CITY AUDITOR

Sidewalks	\$20,000 00
Sewer	9,000 00
Merrill, Oldham & Co., face value of Junior High School additional bonds	40,000 00
	<hr/>
	\$143,500 00

Bridges

Received from:

Winthrop St. Bridge Account, labor	\$98 40
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Board of Survey

Received from:

George A. McCormack	\$15 00
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Care of Cemeteries

Received from:

Commissioners of Sinking Funds, income from Perpetual Care Fund for 1917.....	\$1,727 16
Aetna Insurance Co., for fire loss	2,000 00
Globe & Rutgers Fire Ins. Co., damage to car	246 00
Edward W. Hayes, Collector, plants, care, extra work, etc.	1,385 26
Edward W. Mitchell, cash received for plants, interments, etc.	1,598 93
Sundry persons, from sale of lots	3,793 30
Sundry persons, from sale of single graves...	3,338 00
	<hr/>
	\$14,088 65

Collection of House Offal

Received from:

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

19

Contagious Diseases

Received from:

City of Boston, aid rendered	\$31 00
City of Revere, aid rendered	22 86
Commonwealth of Massachusetts, aid rendered	15 71
	<hr/>
	\$69 57

City Home

Received from:

L. Wolfson, sale of cows, pigs	\$ 168 00
John J. FitzGerald, sale of produce	137 67
Robert W. Thorson, sale of rags, old iron	1 50
George Smardon, sugar	15 40
City of Everett, board of inmates	268 15
Town of Winchester, care of inmate	90 00
City Treasurer, to rectify error on pay roll..	2 57
Medford Ice Co., refund on bill	4 20
William H. Casey, live roosters	7 59
Elizabeth Tansen, board	24 00
N. E. Tel. & Tel. Co., refund	4 01
John Reagan, squash	4 00
	<hr/>
	\$727 09

Sundry Accounts of City Collector

Received from Edward W. Hayes, City Collector:

Taxes of 1918, real estate	\$450,743 66
Taxes of 1918, personal	43,624 78
Taxes of 1918, poll	13,054 00
Taxes of previous years	263,107 55
Sewer Connections Apportioned, paid in ad- vance	249 81
Sewer Connections Apportioned	1,642 64

Sewer Connections, added to Taxes	\$ 2,829 73
Sewer Connections	1,012 36
Sewer Assessments	5,021 25
Sewer Apportionments	1,905 96
Sewer Apportionments, paid in advance	152 36
Sidewalk Applications	50 00
Sidewalk Assessments	10,414 80
Sidewalk Apportionments	2,109 34
Sidewalk Apportionments, paid in advance..	294 94
Water Connections	2,373 94
Gypsy and Brown Tail Moth Assessments	305 74
Watering Assessment	22,160 69
Betterments	13,585 07
Betterments Apportioned	841 46
Betterments Apportioned, paid in advance...	750 97
Water Service	95,815 63
Water Service—Catherine Tavernese, wood..	1 25
December Taxes	134 42
	<hr/>
	\$932,182 35

Engineering Department Expenses

Received from:

Water and Sewer Dept., labor, carfares	\$526 13
Highway Dept., labor, carfares	690 73
Junior High Schoolhouse, staking walks	40 88
	<hr/>
	\$1,257 74

Estates Bought at Sale for Taxes

Received from:

Annabelle M. Londrigan, release of tax title ..	\$ 8 76
Raymond M. Adams, release of tax title	24 32
Raymond M. Adams, release of tax title	28 06
Edward B. Manaton, release of tax title	129 51

RECEIPTS

21

Veronica R. Cremmens, release of tax title	\$ 9 24
Frances E. Dayton, release of tax title	35 37
Dr. E. A. Packard, release of tax title	165 58
	<hr/>
	\$400 84

Electrical Department Expenses

Received from :

Medford Woolen Co., fire alarm box, labor . . .	\$200 00
Aldermen's Contingent Acct., use of telephone	30 00
City Hall account, use of telephone	20 00
Building Inspector's account, use of telephone	12 00
	<hr/>
	\$262 00

Fuel—School Department

Received from :

R. R. Bunnell & Co., refund of amount advanced on coal	\$100 00
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Guide Boards and Street Signs

Received from :

General Repairs of Highways acct., labor	\$43 05
--	---------

General Expenses—School Department

Received from :

Frederick M. Joyce, tuition	\$ 25 00
Mrs. S. M. Hurd, tuition	15 00
City of Boston, tuition	87 75
Commonwealth of Massachusetts, tuition of State Minor Wards	1,323 00
Food Production and Conservation acct., gas . .	2 85
Fred H. Nickerson, cash received	800 00
	<hr/>
	\$2,253 60

Food Production and Conservation

Received from:

Sundry persons, plowing and harrowing	\$142 75
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General Repairs of Highways

Received from:

Wm. Lenox, crushed stone	\$ 2 00
Barry Co., crushed stone	9 28
John Gaffey, crushed stone	11 44
Jasper N. Johnson, crushed stone	4 88
Commonwealth of Massachusetts, Street Rail- way Tax	14,883 02
Henry A. Gaffney, gasoline	17 56
N. E. Tel. & Tel. Co., paving blocks	2 40
George Center, old tires, iron	19 11
George Cotting, old tires	4 00
George Center, old iron	20 89
N. E. Tel. & Tel. Co.,	24 35

*Sundry Medford Accounts for Labor, Teaming, Crushed Stone,
Cement:*

Miscellaneous Account, labor at Armory	32 76
Fire Department, teaming coal	13 13
School Department, teaming, labor	173 02
Sidewalks and Edgestones, teaming	250 00
Surface Drains, teaming	150 00
Watering Streets, teaming	600 00
Ashes, teaming	1,600 00
Collection of House Offal, teaming	780 00
Winthrop St. Bridge, crushed stone, cement..	300 00
Claims, amount paid John H. McMullen to June 29, as decreed by court	406 00

\$19,303 84

RECEIPTS

23

Insurance

Received from:

Travellers Indemnity Co., damage done by Hunnewell Truck to Osgood S. H.	32 00
Freeman O. Emerson, return premium	8 64
	<hr/>
	\$40 64

Income from Trust Funds

Received from:

Commissioners of Sinking Funds, for year ending Nov. 1, 1918	\$675 74
Medford Savings Bank, income from Bradbury Fund, year ending Nov. 1, 1918	512 03
	<hr/>
	\$1,187 77

Interest

Received from:

National Shawmut Bank, on deposits (Treasurer)	\$1,058 07
National Shawmut Bank, on deposits (Collector)	294 67
Tremont Trust Co., on deposits (Treasurer) ..	2 30
Medford Trust Co., on deposits (Treasurer) ..	686 12
Medford Trust Co., on deposits (Collector)	322 71
Annabelle M. Londrigan, release of tax title..	70
Raymond M. Adams, release of tax title.....	8 14
Edward B. Manaton, release of tax title.....	30 33
Veronica R. Cremmens, release of tax title....	08
Frances E. Dayton, release of tax title.....	19
Edward W. Hayes, Collector, interest on Liberty Bonds	87 50
Harris, Forbes & Co., on bonds purchased	279 18

R. L. Day & Co., on bonds purchased	\$ 259 72
Curtis & Sanger, on bonds purchased	626 75
Merrill, Oldham & Co., on bonds purchased ..	395 00

Edward W. Hayes, Collector, on following accounts:

Sidewalk Assessments	262 90
Sidewalk Apportionments	111 03
Sewer Connections, added to taxes	101 33
Sewer Connections Apportioned	256 81
Sewer Connections	6 28
Sewer Assesments	306 96
Sewer Apportionments	301 79
Taxes	15,255 44
December Taxes	7 92
Betterments	304 70
Betterments Apportioned	81 16
	<hr/>
	\$21,047 78

Interest on the Water Debt

Received from:

Commissioners of Sinking Funds, income from Water Loan Sinking Fund for 1917.....	\$5,699 23
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Miscellaneous Credits

Received from:

Commonwealth of Massachusetts:

Public Service Corporation Tax	\$5,082 40
Business Corporation Tax	6,418 81
National Bank Tax	3,422 53
Burial of Soldiers and Sailors	200 00
Soldiers' Exemption	71 42
Income Tax	67,599 54
First District Court, E. M., fines and fees	271 09

RECEIPTS

25

Society Players Film Co., rent of land to Feb. 1, 1919	\$ 1,500 00
Blackstone Savings Bank, fee	5 00
E. W. Hayes, Collector, tax paid by referee ..	3 12
M. Norton & Co., wagon, truck, chemical	212 00
American Woolen Co., scales	1 00
Malden Electric Co., permits	42 50
M. & M. Gas Light Co., permits	17 00
Edward W. Hayes, Collector, Cereificates (Chapter 378, Acts of 1907)	267 00
Benjamin F. Haines, Mayor, fees for licenses..	259 35
Charles A. Winslow, City Clerk, fees	2,840 80
Edward W. Hayes, Collector, costs on taxes...	2,577 20
Edward W. Hayes, Collector, costs on sewer assessments	48 85
Edward W. Hayes, Collector, costs on sidewalk assessments	1 00
Winslow Joyce, milk licenses, renewals	113 72
Winslow Joyce, Sealer, fees	147 77
Hugh G. Kennedy, permits	44 50
Sundry Persons, redemption of tax titles	38 00
Frank B. Blodgett, permits	142 50
Henry A. Gaffney, permits, inspections	101 50
Sundry Persons, sale of cemetery lots	341 20
Annabelle M. Londrigan, costs, release of tax titles	3 95
Raymond M. Adams, costs, release of tax title	4 05
Edward B. Manaton, costs, release of tax title	3 95
Veronica R. Cremmens, costs, release of tax title	3 95
Frances E. Dayton, costs, release of tax title..	4 05
	<hr/>
	\$91,789 75

Miscellaneous Account

Received from:

Medford, Junior High Schoolhouse account,

amount originally charged to Miscellaneous Account, for professional services of M. A. Dyer, in connection with the investigation by Board of Aldermen..... \$ 155 00

Notes in Anticipation of Revenue

Received from:

R. L. Day & Co., face value of notes, Nos. 337 to 341 and Nos. 357 to 386 inclusive.....	\$350,000 00
S. N. Bond & Co., face value of notes Nos. 347 to 356 and Nos. 387 to 396 inclusive.....	200,000 00
Goldman, Sachs & Co., face value of notes Nos. 397 to 401 inclusive.....	50,000 00
Commonwealth Trust Co., face value of notes, Nos. 402 to 406 inclusive.....	50,000 00
F. S. Moseley & Co., face value of notes, Nos. 407 to 409 inclusive.....	12,000 00
	<hr/>
	\$662,000 00

Osgood Schoolhouse

Received from:

Sundry Insurance Co's. amount warded as damages	\$95 00
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Ordinary Expenses—Fire Department

Received from:

Medford City Hall account, kerosene	\$ 1 20
Lewis H. Peters, return insurance premium..	48 95
John F. O'Neil, iron bedstead.....	3 00
W. B. Hammond, condemned hose	45 00
D. W. Donegan, condemned hose	16 87
Joseph Cooper, junk	3 15
	<hr/>
	\$118 17

Original Construction of Streets

Received from:

Medford, Sidewalks & Edgestones, sand.....	\$213 31
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Outside Relief

Received from:

Commonwealth of Massachusetts, aid rendered	\$3,756 06
City of Boston, aid rendered	791 41
City of Somerville, aid rendered	169 01
City of Woburn, aid rendered	148 00
City of Malden, aid rendered	127 50
City Treasurer, allowances returned.....	37 00
Boston City Hospital, refund of amount paid by individuals	46 50
James C. D. Clark, brooms, bedding, kitchen ware	46 85
	\$5,122 33

Payment of City Debt

Received from:

Commissioners of Sinking Funds, to retire bonds and notes	\$240,739 30
Harris, Forbes & Co., premium on bonds	90 00
R. L. Day & Co., premium on bonds	773 08
Curtis & Sanger, premium on bonds	257 60
Merrill, Oldham & Co., premium on bonds....	911 60
	\$242,771 58

Perpetual Care Fund

Received from:

Ruth Wales Randall	\$ 150 00
Est. Benjamin C. Leonard	150 00
Frederic E. Young	150 00
George C. Smiley	150 00
Est. Herbert Magoun	150 00
Mary A. Benway	75 00
Matilda Kiernan	75 00
Charles A. Perry	75 00
Frances G. Allison	75 00
Est. James F. Burrell	75 00
John F. Welch	75 00
Herbert W. Tutten	75 00
Marian H. Austin	75 00
Harry B. Leavitt	68 50
Helen W. MacDonald	62 50
Sarah N. Eastman	70 00
Frank E. Patterson	50 00
Nellie E. George	50 00
Charles H. Brooks	50 00
Est. Daniel W. Skillen	50 00
Thomas McNulty	50 00
Ellen Hadley	50 00
Julia A. Meaney	50 00
Albert Foster	50 00
Jesse A. Carroll	50 00
Ernest J. Mullally	50 00
Mount Hermon Lodge, A. F. & A. M.	27 00
Frederick A. Clark	27 00
Henry Hamblin	27 00
Amory Prentiss	27 00
Howard Lowell	55 00
Walter S. Coy	50 00

 \$2,264 00.

Public Library

Received from :

J. O. Hayden, County Treas., 95 per cent of \$2,448.60, dog licenses for 1917	\$2,326 17
Abby L. Sargent, fines, books lost, etc.....	493 15
Income from Trust Funds Account: interest on Osgood Fund of \$2,009.42; Tufts Fund of \$500.00; Munroe Fund of \$500.00; 1 year to Nov., 1918.....	135 42
	<hr/>
	\$2,954 74

Paving Gutters

Received from :

Sidewalks & Edgestones Account, labor.....	\$79 80
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Purchasing Department Expenses

Received from :

Medford Water & Sewer Dept., paper.....	\$ 3 63
Medford City Home, paper	3 63
Medford Police Dept., liquid paste	63
	<hr/>
	\$ 7 89

Public Safety

Received from :

James A. Cotting, refund on account tolls.....	\$6 74
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Sewer Construction

Received from :

Geo. W. Blanchard & Co., cement bags	\$ 60 00
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Boston Elevated R. R. Co., labor, etc	\$ 67 50
Medford Fulton St. School, labor	21 40
Medford Brooks & Streams, erroneous charge	5 04
Medford School Dept., repairing manhole....	14 34
	<hr/>
	\$168 28

Stone Crusher and City Stables Repairs

Received from :

Sundry Insurance Co's. amount of award for damages	\$2,027 56
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Sewer Maintenance

Received from :

Wm. H. Phillips, cleaning sewer connection..	\$ 1 55
Fletcher Orpin	2 24
Mabel V. Washburn, repairing	13 20
Lidian E. Bridge, clearing	12 65
	<hr/>
	\$29 64

Salaries of Teachers

Received from :

City Treasurer, to correct error on pay roll...	\$12 50
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Salaries of Firemen

Received from :

City Treasurer, over allowance for fireman....	\$19 86
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RECEIPTS

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State Aid

Received from:

City Treasurer, allowances uncalled for.....	\$ 158 00
Commonwealth of Massachusetts, Military Aid, 1917	72 00
Commonwealth of Massachusetts, State Aid, 1917	14,368 80
	<hr/>
	\$14,598 80

Special Police, Etc.

Received from:

Medford Outside Relief, transportation.....	\$15 00
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Sidewalks and Edgestones

Received from:

Wm. L. Waugh, labor, brick, sand	\$ 11 50
S. S. Freeman, granolithic	3 80
C. C. Caldwell, lowering driveway	10 00
W. F. Colby, lowering edgestone	5 00
Anderson & Anderson, lowering curb.....	3 00
F. Velmore, lowering driveway	5 00
Mr. Leemans, lowering driveway	3 00
T. O'Brien, lowering driveway	3 00
A. A. Maxfield, lowering driveway	5 00
George Hatch, crushed stone	26 25
Warren S. McIntire, caring for sidewalk.....	10 00
Percy E. J. Holloway, lowering curb	10 00
Willard Welsh, lowering edgestone	10 00
John Pierce, lowering curb	5 00
Edward P. Fraser, lowering curb	3 00
C. S. Scribner, lowering curb	3 00
Roy R. Burnahm, lowering curb	3 00
M. J. Maher, lowering curb	3 00

Chas. E. Seaboyer, lowering curb	\$ 3 00
Medford Junior High School, stone, and re- setting	153 83
City of Somerville, granolithic and edge- stone	64 10
	<hr/>
	\$343 48

Street Construction

Received from:

American Tar Co., allowance on tarite	\$15 42
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Trees

Received from:

T. J. Connelly, labor	\$ 1 88
Mrs. C. R. Lawrence, refund	6 00
R. H. Allen, Agt., labor	52 50
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	\$60 38

Trade Schools

Received from:

Commonwealth of Massachusetts, one-half cost of tuition from Sept. 1, 1916, to Aug. 31, 1917	\$800 38
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Watering Streets

Received from:

The Barrett Co., street sprinkling cart.....	\$75 00
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War Emergency—Public Safety Div.

Committee on Public Safety, to reimburse the City for cash paid Post Office and Medford Pub. Co.	\$186 20
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DUPLICATE AND NON-REVENUE PRODUCING ITEMS

Credited to	From	
Bridges	Winthrop Street Bridge ...	\$ 98 40
Engineering Dept. Expenses	Junior High Schoolhouse ..	40 88
	Original Construction of Sts.	150 25
	Stone Bounds	3 80
	Sidewalks & Edgestones....	292 94
	Surface Drains	74 84
	Watering Streets	168 90
	Sewer Construction	255 30
	Water Service	270 83
Electrical Dept. Expenses	Aldermen's Contingent.....	30 00
	City Hall Expenses	20 00
	B'd'g Inspection Expenses	12 00
Guide Boards & Street Signs	Gen'l Repairs of Highways	43 05
General Expenses School Dept.	Food Production and Con-	
	servation	2 85
General Repairs of Highways	Miscellaneous Account ...	32 76
	Ordinary Expenses Fire Dept.	13 13
	Fuel—School Dept.	102 88
	Repairs—School Dept.	70 14
	Sidewalks & Edgestones ...	250 00
	Surface Drains	150 00
	Watering Streets	600 00
	Ashes	1,600 00
	Collection of House Offal..	780 00
	Winthrop Street Bridge....	300 00
	Claims	406 00
Miscellaneous Account	Junior High Schoolhouse...	155 00
Ordinary Expenses Fire Dept.	City Hall Expenses	1 20
Original Construction of Streets	Sidewalks & Edgestones...	213 31
Paving Gutters	Sidewalks & Edgestones ...	79 80
Purchasing Dept. Expenses	Water Service	3 63
	City Home	3 63
	Special Police, Etc.	63
Sewer Construction	Se'lhouses—Fulton Heights	21 40
	Brooks and Streams.....	5 04
	Repairs—School Dept.	14 34
Special Police, etc.	Outside Relief	15 00
Sidewalks & Edgestones	Junior High Schoolhouse...	153 83
Water Service	Sewer Construction	170 00
		\$6,606 36

Duplicate and Non-Revenue Producing Items—Continued.

Refunds	
Credited to	From
City Home	City Treasurer
Outside Relief	City Treasurer
Salaries of Teachers	City Treasurer
Salaries of Firemen	City Treasurer
State Aid	City Treasurer
War Emergency	Com. on Public Safety.....
City Home	Medford Ice Co.
City Home	N. E. Tel. & Tel. Co.
Fuel	R. R. Bunnell & Co.
Outside Relief	Boston City Hospital
Public Safety	James A. Cotting
Street Construction	American Tar Co.
	\$ 2 57
	37 00
	12 50
	19 86
	158 00
	186 20
	4 20
	4 01
	100 00
	46 50
	6 74
	15 42
	\$593 00

EXPENDITURES

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EXPENDITURES

Aldermen's Contingent

Paid:

J. C. Miller, Jr., printing	\$ 84 20
Medford Publishing Co., advertising hearings	3 00
Medford Messenger, advertising hearings....	7 50
Medford Electrical Dept., use of telephone...	30 00
Elvin Johnson, janitor service	105 00
Ralph E. Peak, stationery supplies	12 12
Cradock Garage, rental	26 50
Lane's Cafe, collation, May 30	35 00
Geo. H. Janes, Jr., electrical work	57 67
L. C. Poor, repairing flag	75
Dudley Garage, rental	2 50
Geo. E. Crosby Co., printing	217 25
Adams, Cushing & Foster, stationery supplies	10 00
Chester W. Clement, engrossing	20 00
Iver Johnson Sporting Goods Co., framing....	5 00
Remington Typewriter Co., typewriter.....	90 00
Miss M. A. Allen, copies of Budget.....	16 60
Wards, blocks	6 90
Henry A. Wheeler & Co., flag.....	10 50
Blanche S. Levy, copies of specifications.....	40 80
Francis Doane & Co., pencils	9 00
Prondefit Loose Leaf Co., record paper	40 00
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	\$830 29

Armory

Paid:

Trustees of Veteran Association of the Lawrence Light Guard of Medford, rent, including heating, lighting and care, 1 year to January 1, 1919	\$2,000 00
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Bonds of City Officials

Paid:

O'Neil & Parker, premiums	\$444 25
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Charles River Basin Assessment

Paid:

Commonwealth of Massachusetts, interest on Basin Loan Fund	\$1,235 89
Cost of Maintenance	1,668 70
Serial Bonds	107 10
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	\$3,011 69

Claims

Paid:

Catherine C. Welsh, judgment and costs for al- leged injury from defective sidewalk....	\$2,066 88
William T. A. Fitzgerald, attorney in claim of John H. McMullen	100 00
John H. McMullen, part of compensation de- creed by court for injuries received Nov. 21, 1917	600 00
Mass. General Hospital, board and expenses, John H. McMullen	211 25
Medford Highway Dept., part of compensation decreed by court to John H. McMullen...	406 00
Mrs. Mark Stamper, compensation decreed by court, to Dec. 16, inc.	320 00
Mrs. James Miller, compensation decreed by court, to Dec. 16, inc.	320 00
M. Linsky & Bros., to replace clothing of po- liceman, damaged while on duty	13 50
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	\$4,037 63

City Collector—Taxes

Paid:

W. T. Fuller, refund of erroneous tax	\$3 96
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City Collector, Watering Assessment

Paid:

John B. Lewis, Jr., amount of assessment over- paid in 1915	\$3 30
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City Collector—Betterments

Paid:

Edw. W. Hayes, Coll., refund of certain Bet- terments collected, (order No. 12610-A B C D)	\$3,154 27
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City Collector, Betterments Apportioned

Paid:

Edw. W. Hayes, Coll., refund of certain appor- tionments collected, (order No. 12610, A B C D)	\$306 68
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Decoration and Care of Soldiers' Graves

Paid:

Camp 30, Spanish War Veterans, amount of ap- propriation	\$ 100 00
Frank O. Waterman, Quartermaster Post 66, G. A. R., amount of appropriation.....	350 00
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	\$450 00

High Schoolhouse Addition

Paid:

Mrs. Robert C. Wagner, printing press, type, etc.	\$152 50
Underwood Typewriter Co., typewriters	250 00
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	\$402 50

Hancock Avenue Schoolhouse

Paid:

Richard D. Kimball Co., balance due for en- gineering services	\$32 49
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Interest on the Water Debt

Paid:

Coupons	\$5,680 00
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Interest

Paid:

Commonwealth of Massachusetts, on registered bonds	\$1,640 00
Frederick O. Woodruff and Charles Conant, amount paid and accrued on Mosquito as- sessment	8 81
Paleface Shooting Grounds Corp., amount paid and accrued on Mosquito assessment.....	14 32
Willard Welch, amount paid and accrued on Mosquito assessment	14 91
Carolin R. Lawrence, on Mosquito assessment	8 54
James Swan, Admr., on Mosquito assessment	4 70
Est. Frank E. Chandler, on Mosquito assess- ment	7 26

EXPENDITURES

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Old Colony Trust Co., insurance and postage..	\$ 7 88
W. T. Fuller, on erroneous tax	89
Edw. W. Hayes, Coll., refund of interest collected on certain betterments and betterments apportioned	10 15
On Notes in Anticipation of Revenue, as follows:	
R. L. Day & Co., on \$50,000, 301 days at 5.19; on \$50,000, 308 days at 5.19; on \$50,000, 267 days at 5.74; on \$50,000, 293 days at 5.74; on \$50,000, 304 days at 5.61; on \$50,000, 302 days at 5.18; on \$50,000, 333 days at 5.18.....	\$15,791 46
S. N. Bond & Co., on \$50,000, 287 days at 5.15; on \$50,000, 302 days at 5.15; on \$50,000, 323 days at 4.55; on \$50,000, 343 days at 4.50.....	8,397 92
Goldman Sachs & Co., on \$50,000, 349 days at 4.445	2,154 59
Commonwealth Trust Co., on \$50,000, 339 days at 4.24	1,996 32
F. S. Moseley & Co., on \$12,000, 161 days at 4.70	252 23
Coupons	78,181 28
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	\$108,491 26

Interest on the Water Debt

Paid:

Coupons	\$5,680 00
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Income from Trust Funds**Paid:**

Public Library Department, income from Osgood, Tufts and Munroe Funds, for one year to Nov. 1, 1918	\$ 135 42
Sundry Persons, as per payroll, income from Bradbury Fund, one year to Nov., 1918	512 03
Sundry Persons, as per payroll, income from Seccomb Fund, one year to Nov., 1918....	261 00
Sundry Persons, as per payroll, income from Simonds Fund, one year to Nov., 1918....	58 50
Protestant Churches of Medford, on \$5,000.00 (Hall Church Fund) for one year to Nov., 1918, divided as follows:	
Baptist Church, 650 members	67 55
Episcopal Church, 350 members	36 40
Methodist Church, 390 members	40 55
Mystic Church, 385 members	40 00
Unitarian Church, 232 members	24 10
Universalist Church, 157 members ...	16 40
	<hr/>
	\$1,191 95

Insurance**Paid:**

John H. Byron, repairing damage to Osgood Schoolhouse	\$ 32 00
Hinckley & Woods, premiums	8,095 96
Travelers Insurance Co., premiums	5,973 70
Winslow W. Fifield, premiums	112 42
J. O. Goodwin & Co., premiums	372 00
George W. Green, Agt., premiums	806 00
Burton G. Ellis, premiums	248 00
M. W. Pierce, premiums	496 00

EXPENDITURES

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Morrison's Real Est. & Ins. Agency, premiums	\$ 620 00
W. Arthur Lincoln, premiums	806 00
J. C. Clark, premiums	496 00
Edw. M. Peters & Co., premiums	740 33
Charles B. Buss, premiums	620 00
Travelers Insurance Co., premiums	1,203 03
Lewis H. Peters, permiums	639 71
Alfred G. Wilmot, premiums	210 80
George A. Wellington, premiums	620 00
E. G. Pierce, premiums	620 00
D. Webster Johnson, premiums	372 00
William A. Muller & Co., premiums	372 00
M. M. Dyer, services adjusting fire loss, High, Lincoln and Osgood Schools	270 00
Multigraphing Service Co., statements	6 34
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	\$23,732 29

Metropolitan Park Tax

Paid:

Commonwealth of Massachusetts:

Metropolitan Park Loan Sinking Fund...	\$ 950 24
Interest on	4,886 82
Cost of Maintenance	9,884 05
Cost of Maintenance, Nantasket	510 32
Cost of Maintenance, Wellington Bridge	31 64
Serial Bonds	513 47
	<hr/>
	\$16,776 54

Metropolitan Sewer Tax

Paid:

Commonwealth of Massachusetts:

Metropolitan Sewerage Loan Sinking Fund	\$ 6,285 59
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REPORT OF CITY AUDITOR

Interest on	\$12,161 56
Cost of Maintenance	11,412 98
Serial Bonds	1,260 00
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	\$31,120 13

Middlesex County Tax

Paid:

J. O. Hayden, County Treasurer, tax 1918... \$34.670 62

Wellington Bridge Assessment

Paid:

Commonwealth of Massachusetts:

Metropolitan Parks, Wellington Bridge...	
Serial Bonds	1,840 00
Interest on	552 00
Maintenance	2,224 41
	<hr/>
	\$4,616 41

Metropolitan Water Tax

Paid:

Commonwealth of Massachusetts:

Metropolitan Water Loan Sinking Fund..	\$ 4,131 31
Interest on	23,277 88
Cost of Maintenance	8,494 68
Serial Bonds	583 34
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	\$36,487 21

Mosquito Nuisance

Paid:

Frederick O. Woodruff and Charles Conant, refund of assessment paid under protest	\$ 68 41
Paleface Shooting Grounds Corp., refund of assessment	149 99
Willard Welch, refund of assessment.....	132 93
Carolyn R. Lawrence, refund of assessment....	99 61
James Swan, Admr., refund of assessment....	55 41
Est. of Frank E. Chandler, refund of assess- ment paid under protest	83 85
	\$590 20

Miscellaneous Account

Paid:

Margaret I. Tobin, services as Mayor's stenog- rapher	\$ 939 00
Medford Publishing Co., printing, furnishing programs and copies of inaugural address, advertising, subscription	293 60
Medford Highway Dept., labor at Armory....	32 76
Dyer's Orchestra, services at inauguration...	29 00
Medford Post Office, postage stamps	103 50
Jasper N. Johnson, for legal services and ex- penses	666 45
Cradock Garage, rental	3 50
W. E. Gerry, ribbon for badges	1 71
Page & Curtin, oil heater	4 50
Geo. H. Bean, flowers for inauguration.....	11 50
W. J. McClellan, teaming settees	60 00
J. C. Miller, Jr., printing, etc.	8 15
James W. Robertson, catering at inauguration..	300 00
F. O. Waterman, janitor service at Armory...	10 00

N. E. Tel. & Tel. Co., rental and tolls.....	\$179 06
Alice Day, clerical work	23 25
Marion Matthews, stenography	37 50
Webber B. Haines, wages	16 00
Geo. H. Janes, Jr., electrical work	4 70
Firemen's Memorial Committee, for decoration of graves	50 00
M. A. Dyer, professional services in connection with investigation by Aldermen of Junior High School	155 00
Elvin Johnson, care of flag on Common	15 00
E. Teel & Co., Auto Dept., tires	78 60
Alfred J. Hawks, examination and attendance at court	50 00
L. C. Poor, repairing flag	3 20
C. H. Tinkham, photo work	14 00
Peter F. Lenox, for rent of Pound	25 00
Welch's Express, expressing	1 05
Edwin C. Lewis, repairing phone	2 60
Wards, office supplies	30 38
A. R. Lopez & Bro., badges	2 00
W. A. Greenough & Co., directory	4 00
New England Decorating Co., furnishing cur- tain for inauguration	25 00
Remington Typewriter Co., supplies, rental..	37 44
Security Safe Deposit Co., rent for safe	60 00
Sampson & Murdock Co., directory	8 00
Lillian S. Russell, reporting hearing	63 00
A. Chesley York, professional services	150 00
Western Electric Co., fan	23 38
Adams, Cushing & Foster, elastic bands.....	1 25
W. N. Campbell, cards, paper	8 75
Frederick Eeles Co., binding	8 00

\$3,539 83

Miscellaneous Credits

Paid:	
Willard Welch, refund of costs paid on Mosquito Assessment	\$ 20
Frederick N. Beals, burial	50 00
Commonwealth of Massachusetts, bank and corporation tax adjustments	8 81
Mrs. Mark Stamper, allowance because of accident	190 00
Mrs. James Miller, allowance because of accident	190 00
Arthur J. Wellington, attorney for Miller and Stamper	100 00
Talbot Co., military equipment for Home and State Guards as provided in order No. 12907	419 75
Sarah Letson, for settlement of claim provided by order No. 12997	2,500 00
Alice M. Purbeck, settlement of claim	275 00
Winthrop I. Nottage, for cash paid for uniform	30 00
Kelly-Springfield Motor Truck Co., labor and sundries, on Co. E truck	15 33
Harding Uniform & Regalia Co., military books	8 00
H. A. Pinkham, shoes for Home Guard	27 90
Geo. E. Holbrook, burial, agent's fee	50 00
James A. Goudey, burial, agent's fee	50 00
W. T. Fuller, refund of costs on tax	6 00
E. H. Milliken, cash and other valuable consideration paid to Sewell Cushion Wheel Co.; it being the amount of their bills of Aug. 25 and Oct. 22, 1917, for wheels and tires for Fire Dept.	2,173 14
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	\$6,094 13

Notes in Anticipation of Revenue

Paid:

Nos. 312 to 316 inc., due Jan. 15, 1918	\$50,000 00
Nos. 317 to 321 inc., due Feb. 14, 1918	50,000 00
Nos. 322 to 326 inc., due Apr. 2, 1918	50,000 00
Nos. 327 to 331 inc., due Apr. 18, 1918	50,000 00
Nos. 332 to 336 inc., due May 15, 1918	50,000 00
Nos. 337 to 341 inc., due Nov. 8, 1918	50,000 00
Nos. 342 to 346 inc., due Nov. 15, 1918	50,000 00
Nos. 347 to 351 inc., due Nov. 25, 1918	50,000 00
Nos. 352 to 356 inc., due Dec. 10, 1918	50,000 00
Nos. 357 to 361 inc., due Dec. 20, 1918	50,000 00
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	\$500,000 00

Overlay and Abatement—1917

Paid:

Eliza M. Gill, Conservator, abatement of personal tax	\$ 1 07
George W. O'Brien, abatement on real estate tax	6 42
George P. Nason, et al., abatement on real estate tax	10 70
Francis M. Robbins, abatement on personal tax	17 12
Mrs. Georgiana R. Robbins, abatement on personal tax	6 42
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	\$41 73

EXPENDITURES

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Overlay and Abatement—1918

Paid:

George N. Frye, abatement of poll tax	\$ 2 00
Andrew Urquhart, abatement of poll tax	2 00
Robert F. Parker, abatement of poll tax.....	2 00
	<hr/>
	\$ 6 00

Osgood Schoolhouse

Paid:

M. M. Dyer, flag pole and repairing damage by lightning	\$75 00
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Perpetual Care Fund

Paid:

Medford Commissioners of Sinking Funds, amount received by the City in 1918 for the Perpetual Care Fund	\$2,264 00
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Rent of G. A. R. Hall

Paid:

E. B. Moore, Agent	\$400 00
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Red Cross Unit

Paid:

Charles S. Boyle, chocolate	\$ 3 75
Joseph P. Manning Co., cigarettes	35 76
Boston Badge Co., badges	32 00
Emily Blodgett, cash paid for chocolate	11 10
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	\$82 61

Sinking Funds

Paid:

Medford Commissioners of Sinking Funds, amount appropriated for 1918	\$12,800 00
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Soldier's Relief

Paid:

Sundry Persons, cash allowances	\$ 424 00
Sundry Persons, as per pay rolls	3,154 96
	\$3,578 96

Payment of City Debt

Paid:

Water Fund Bonds, Nos. 77 to 80, due Jan. 1918	\$ 4,000 00
City Hall Bonds, Nos. 11 to 20, due Jan., 1918	10,000 00
High School Addition Bonds, Nos. 7 & 8, due Jan., 1918	1,250 00
School of 1912 Bonds, Nos. 141 to 145, due Jan., 1918	5,000 00
Municipal Bonds, Nos. 201 to 250, Nos. 254 to 281, and Nos. 285 to 300, due Jan., 1918..	94,000 00
Notes due Jan., 1918, Nos. 42 to 45 inc.	27,239 30
Note due, Feb. 1, 1918, No. 134	1,000 00
Surface Drainage Loan Bond, No. 2, due Mar., 1918	500 00
Streets Loan Bonds, Nos. 4, 5 & 6, due Mar., 1918	2,900 00
Osgood School Loan Bonds, Nos. 3 & 4, due Mar. 15, 1918	1,500 00
Municipal Bonds, Nos. 251 to 253, Nos. 282 to 284, due Jan., 1918	6,000 00

EXPENDITURES

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Fire Bonds, Nos. 1 & 2, due Apr., 1918	\$2,000 00
Sewerage Bond, No. 55, due Feb. 1, 1918.....	500 00
Original Construction of Streets Note, No. 4, due May 1, 1918	600 00
Note due May 1, 1918, No. 119	500 00
Playground Bonds, Nos. 90 to 92, due May 15, 1918	2,500 00
High School Equipment Note, No. 4, due June 1, 1918	500 00
Hancock Ave. School Bonds, Nos. 7, 8 & 9, due June 1, 1918	3,000 00
Sewerage Bond, No. 132, due June, 1918	500 00
Forest Street Bond, No. 3, due June, 1918....	1,200 00
Osgood School Bond, No. 1, due June, 1918....	500 00
War Loan Bonds, Nos. 1 & 2, due June, 1918..	1,500 00
Streets & Drains Bonds, Nos. 1 to 5, due July, 1918	4,500 00
Departmental Equipment Bonds, Nos. 1 to 4, due July, 1918	2,900 00
Water Bonds, Nos. 217 & 218, due July, 1918	2,000 00
Playground Bond, No. 108, due July, 1918....	200 00
School of 1912 Bonds, Nos. 26 to 30 & No. 106, due July, 1918	6,000 00
High School Original Equipment Bonds, Nos. 7 & 8, due July, 1918	1,500 00
Surface Drainage Bonds, Nos. 6 & 14, due July, 1918	2,000 00
Fire Station Bond, No. 6, due July, 1918.....	600 00
Additional Departmental Equipment Bonds, Nos. 10 to 12, due July, 1918	2,700 00
Original Construction of Streets Bonds, Nos. 7 & 8, due July, 1918	1,700 00
Playstead Road Bond, No. 3, due July, 1918..	300 00
Fulton Heights Schoolhouse Bond, No. 3, due July, 1918	500 00
Hancock Ave. School Bond, No. 2, due July, 1918	250 00

Junior High School Bonds, Nos. 8 to 14, due July, 1918	\$ 6,250 00
Water Fund Bonds, Nos. 215 & 216, due July, 1918	2,000 00
Public Building Bonds, Nos. 251 to 303 and 314 to 340, due Aug. 1, 1918	80,000 00
Sewerage Bonds, Nos. 145 to 154, due Aug., 1918	10,000 00
Playground Bonds, Nos. 41 & 42, due Aug., 1918	1,500 00
Sidewalk Bonds, Nos. 1 to 7 inc., due Aug., 1918	7,000 00
Police Dept. Equipment Bond, No. 2, due Aug., 1918	1,000 00
Sidewalk Notes of 1916, Nos. 8 to 14, due Aug., 1918	7,000 00
Departmental Equipment Bonds, Nos. 19 to 21, due Aug., 1918	3,000 00
Original Construction of Streets Bond, No. 1, due Aug., 1918	1,000 00
Drainage Bond, No. 2, due Aug., 1918	500 00
Playground Equipment Bond, No. 2, due Aug., 1918	500 00
Old Colony Trust Co., preparation and certification of bonds and notes	650 00
Hancock Ave. School Bond, No. A 3, due Sept., 1918	250 00
Sewerage Bond, No. 36, due Sept., 1918	500 00
High School Addition Bond, No. 44, due Sept., 1918	1,000 00
Streets Construction Bond, No. 2, due Sept., 1918	1,000 00
Sidewalk Bonds of 1916, Nos. 6 to 8, due Sept., 1918	3,000 00
Sidewalk Bonds of 1914, Nos. 15 & 16, due Sept., 1918	2,000 00
School of 1911 Bonds, Nos. 25 & 26, due Sept., 1918	2,000 00

EXPENDITURES

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Notes due Oct. 1, 1918, Nos. 63 & 64	\$7,500 00
Junior High School Bonds, Nos. 5 to 8 and No. 2, due Oct., 1918	3,800 00
Highway Dept. Equipment Bonds., Nos. 4 to 6, due Oct., 1918	2,500 00
Departmental Equipment Bond, No. 3, due Oct., 1918	700 00
Sidewalk Bond, No. 3, due Oct., 1918	400 00
Hancock Ave. School Bond, No. 2, due Oct., 1918	500 00
Sewerage Bond, No. 75, due Nov., 1918	500 00
Forest Street Bond, No. 8, due Nov., 1918.....	1,400 00
Municipal Bonds, Nos. 25 to 29, due Dec., 1918	5,000 00
Sewerage Bond, No. 104, due Dec., 1918.....	500 00
Surface Drains Bond, No. 1, due Dec. 1918 ..	500 00
Fire Bond, No. 1, due Dec. 1918	500 00
War Emergency Bond, No. 1, due Dec. 1918 ..	1,000 00
Extreme Emergency Bond, No. 3, due Dec. 1918	500 00
Surface Drainage Bond, No. 3, due Dec. 1918..	500 00
Sidewalk Note, No. 4, due Dec. 1918	500 00
Note due Dec., 1918, No. 65	8,000 00
Wellington Road Note. No. 4, due Dec. 1918..	500 00
	<hr/>
	\$356,789 30

State Highway Tax

Paid:

Commonwealth of Massachusetts, tax for 1918
(Section 16, Chap. 47, Revised Laws) \$ 389 20

State Tax

Paid:

Commonwealth of Massachusetts \$69,960 00

REPORT OF CITY AUDITOR

State Fire Prevention Tax

Paid:

Commonwealth of Massachusetts, tax for 1918 (Chap. 795, Acts of 1914)	\$368 84
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Schoolhouses (Fulton Heights)

Paid:

Hereules Iron & Supply Co., plumbing supplies	\$ 370 03
L. E. Fitzpatrick & Co., plumbing	347 10
Edw. E. Babb & Co., blackboards	57 00
Kenney Bros. & Wolkins, school furniture	206 10
Allen Shade Holder Co., shades	68 35
Medford Sewer Construction, labor, connecting drain	21 40
	<hr/>
	\$1,069 98

Salaries

One year to Jan. 1, 1919, unless specified

Paid:

Benjamin F. Haines, Mayor	\$2,500 00
Richard L. Baldwin, Mayor's Clerk	200 00
Arthur E. Crowley, City Messenger	1,300 00
Edward W. Barrett, M. D., City Physician	400 00
Charles S. Baxter, City Solicitor, Jan. 1 to May 8	283 84
A. Chesley York, City Solicitor, Oct. 29 to Dec. 31	139 78
Jasper N. Johnson, Acting City Solicitor, May 9 to Oct. 16	350 50
Charles T. Daly, Clerk of Committees	600 00

EXPENDITURES

53

Harrie W. Peirce, Inspector of Animals	\$100 00
John J. Conway, Chairman, Registrars 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
Charles A. Winslow, Agent of State Aid from Oct. 1, 1918	150 00
Everard I. Langell, Treasurer of Sinking Funds	450 00
Willard Dalrymple, Secretary of Commis- sioners of Sinking Funds	50 00
Peter F. Lenox, Pound Keeper	50 00
	\$7,224 12

Trade Schools

Paid:

Town of Reading, tuition	\$ 156 00
City of Boston, tuition	216 20
City of Somerville, tuition	1,013 82
City of Cambridge, tuition	65 00
	\$1,451 02

Law Department Expenses

Paid:

Jasper N. Johnson, legal services	\$100 00
W. C. Dillingham, Clerk, copies of brief	65 50
	\$165 50

Swan Junior High Schoolhouse

Paid:

C. S. Cunningham & Sons Construction Co., on contract	\$18,050 00
M. A. Dyer, architectural services	628 38

M. M. Dyer, tearing down and removing old house	\$418 60
M. M. Dyer, fireman's wages	225 50
Andrew F. Dyer, on contract for vacuum cleaner and fire line	120 00
Andrew F. Dyer, supplies for science room	84 44
Medford Pub. Co., advertising proposals	6 50
Huey Bros. Co., on heating contract	3,454 40
Huey Bros. Co., firing boiler	469 00
M. B. Foster Electric Co., on electrical contract	3,665 00
Maurice M. Devine, painting	250 00
William Walles, labor	7 05
Constance Curtin, services as watchman	271 25
Medford Engineering Dept., labor	40 88
Medford Sidewalks & Edgestones, stone, labor	153 83
Allen-Blaisdell Co., slate	70 00
Kenyon & Suits, furniture, mirrors, mats	438 65
American Seating Co., furniture	7,707 00
Davenport-Brown Co., table tops	156 00
Kenney Bros. & Wolkins, cleaning and varnishing settees	120 00
Heywood Bros. & Wakefield Co., desk irons ..	112 80
Warren H. Keay, stain	2 60
Allen Shade Holder Co., shades	601 82
Yawman & Erbe Mfg. Co., book case units....	46 25
Chandler & Barber Co., hooks	1 22
Globe-Wernicke Co., bookcase units	20 80
Wm. H. Lenox, rough grading	986 40
Wm. H. Lenox, loaming, seeding	3,200 00
Elmer Smith Bailey, architectural services...	1,511 92
Frank T. Hook, granolithic work	4,677 64
Sinclair Hardware Co., electric bulbs	259 45
Sears Cook Corp., on acct. C. S. Cunningham & Sons Construction Co.	1,800 00
Carlisle-Ayer Co., on acct. C. S. Cunningham & Sons Construction Co.	1,300 00

EXPENDITURES

55

C. S. Cunningham & Sons Construction Co., on contract and extra work	\$9,490 00
A. F. Dyer, stock and labor in Science room ..	8 20
M. A. Dyer, architectural services	991 53
Maurice M. Devine, canvas	200 00
Locke Coal Co., coal	92 00
Matthew L. Kelly, extra work	80 00
Miscellaneous Account, amount paid M. A. Dyer, for professional services in connection with investigation by Aldermen, erroneously charged	155 00
Autoforce Ventilating Co., by agreement.....	2,810 00
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	\$64,684 11

City Hall

Paid:

Night Watchman and Janitor, as per payrolls..	\$2,469 75
Malden Electric Co., light	241 69
Medford Ice Co., ice	81 60
Medford Trust Co., for space in basement....	330 00
Sinclair Hardware Co., oil can, screws, etc.....	12 35
L. C. Poor, mending flags	5 12
E. J. Hervey, soap, paper, matches	14 99
Hillside Sign Co., lettering	2 22
J. C. Miller, Jr., printing	7 85
Craddock Garage, rental	30 00
Page & Curtin, oil heater, paint, pails, brushes, tools, oil	78.09
Louis J. Condon, lettering, etc.	2 94
Geo. H. Janes, Jr., electrical supplies, labor....	31 39
Medford Fire Dept., kerosene	1 20
Est. John A. Morgan, electric bulbs	10 90
Welch's Express, expressing	2 44
American Express Co., expressing	1 18
David Anderson, lock repairs	75
F. W. Woolworth Co., mouse traps	30
J. E. Sweeny, carpentry	32 10

W. E. Gerry, gauze	\$ 5 99
H. F. Staples & Co., furniture polish	4 80
Smith Drug Co., deodorizer, etc.	1 67
Medford Electrical Dept., use of phone	20 00
John W. Enright, germicide, atomizers	11 55
Ralph E. Peak, flags	2 50
P. Reynolds, gauze	16 25
Daniel N. Howard, vaseline	50
Warren H. Keay, glazing	2 00
New England Co., towel service	104 65
Carter's Ink Co., record ink	8 80
Stone & Forsythe Co., paper cups	36 13
H. I. Dallman Co., brushes, dusters, excelo...	51 24
Adams, Cushing & Foster, office supplies	4 95
Kee-Lox Mfg. Co., pencils, carbon paper	8 48
Gulf Refining Co., kerosene	14 35
F. W. Norris & Co., Agts., rent	1,690 00
West Disinfecting Co., disinfectants	31 25
Mason, Sanborn & Ramsdell, soap	12 75
Samuel Hurwitz, screen wire	11 45
Reformatory for Women, flags	22 29
Western Electric Co., electric bulbs	52 47
Harry Truman, awning	7 50
Warren Carpet Cleaning Co., cleaning rugs ..	4 00
Oliver Whyte Co., lock	4 92
William Leavens & Co., costumer	4 80
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	\$5,492 15.

ASSESSING DEPARTMENT

Salaries of Assessors

One year to Jan. 1, 1919, unless specified.

Paid:

Edward S. Randall, chairman	\$ 1,200 00
Frederick F. Hockaday	900 00

EXPENDITURES

57

Herbert B. Lynde, Jan. 1 to Mar. 14	\$ 183 87
John A. Ricker, Mar. 15 to Dec. 31.....	716 14
	<hr/>
	\$3,000 00

Assessors' Expenses

Paid:

Clerk and assistants, as per pay rolls	\$ 3,881 88
Helen T. Wild, carfares, stamps	36 03
J. C. Miller, Jr., stock, printing	95 40
Medford Publishing Co., subscription, advertising, printing Poll books	515 25
John Benson, carpentry	2 00
French & Tenney, use of horse	85 50
Medford Messenger, advertising, subscription	25 73
W. T. Shannon, typewriter repairs	2 50
N. E. Tel. & Tel Co., rental	31 76
Savage's Express Co., expressing	2 10
W. J. McClellan, expressing	75
Welch's Express, expressing	54
Adams, Cushing & Foster, books, binders, office supplies	260 46
H. B. McArdle, office supplies	2 65
Art Metal Construction Co., filing sections....	80 00
W. A. Greenough & Co., directory	4 00
Allen, Doane & Co., rubber stamps	1 00
A. W. Brownell, printing	12 75
Underwood Typewriter Co., ribbon	1 00
L. L. Applin, transfer numbers	15 50
Auto List Pub. Co., list	20 00
H. A. Dunshee, chairs, filing cabinet	40 00
Brown-Howland Co., guides	11 20
Remington Typewriter Co., ribbon coupons.....	7 00
Model Typewriter Inspection Co., typewriter..	50 00
Banker & Tradesman, subscription	5 00
	<hr/>
	\$5,190 00

REPORT OF CITY AUDITOR
AUDITING DEPARTMENT

Salary of City Auditor

One year to Jan. 1, 1919

Paid:

George D. Cummings	\$2,000 00
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Auditing Department Expenses

Paid:

Geo. D. Cummings, cash paid for sundries....	\$ 51
J. C. Miller, Jr., printing, making books	167 50
Elsie E. Caughlan, clerical work	177 49
E. B. Thorndike & Son, printing	13 00
N. E. Tel. & Tel. Co., rental	22 00
Medford Post Office, stamps	10 00
Sinclair Hardware Co., electric heater	10 00
Geo. H. Janes, Jr., electric plug	1 50
John Taylor Dixon, hand stamps	1 25
W. A. Greenough & Co., directory	4 00
Francis Doane & Co., office supplies	8 44
Adams, Cushing & Foster, office supplies	4 40
	\$420 09

Printing Reports

Paid:

Medford Pub. Co., on contract	\$ 466 32
Medford Pub. Co., debt statements	15 75
Frederick Eeles Co., binding reports.....	18 20
Elsie E. Caughlan, reading proof	2 70
Geo. D. Cummings, supervising publication of annual reports	50 00
	\$552 97

CEMETERY DEPARTMENT

Salaries of Trustees of Cemeteries

One year to Jan. 1, 1919, unless specified

Paid:

Ellery A. Armstrong, chairman	\$ 100 00
Fred W. Rauskolb	50 00
Selah H. Thurber, July 2 to Dec. 31	25 00
	\$175 00

Care of Cemeteries

Paid:

Superintendent and workmen, as per pay rolls	\$ 6,846 29
N. E. Tel. & Tel. Co., rental and tolls	63 25
E. W. Mitchell, cash paid for stamps, keys, auto registration, attendance at conven- tion	150 21
John L. Tutten, cash paid for auto registration, stamps, etc.	13 44
Welch's Express, expressing	9 29
Savage's Express Co., expressing	50
American Express Co., expressing	3 54
Boston & Maine R. R. freight	33 51
Edward M. Ports, auto repairing	2 25
H. F. Walker, shoeing, repairing tools, new tip cart	157 76
Sinclair Hardware Co., lawn dressing, roofing, fertilizer, tools, hardware, etc.	780 74
Yerxa & Yerxa, salt	94
Anthony Zacher, tires, repairing.....	300 15
A. MacDonald, filing and setting saws.....	4 25
J. T. Dennison, tire, tube	47 60
J. N. Cowin & Co., straw, coal, grain	49 81

J. E. Sweeney, carpentry	\$630 00.
J. O. Goodwin & Co., to cover fire loss	52 44
E. Teel & Co., wagon repairs	12 00
Samuel Dinsmore, shoeing	3 25
Medford Messenger, advertising	25
Medford Pub. Co., copies of paper, mailing, advertising	125 25.
L. H. Phelps, hay, grain	92 91
C. H. Hartshorn, harness repairs	6 60.
Locke Coal Co., coal	42 63.
C. H. Tinkham, photo work	3 34
John W. Enright, disinfectants, electric bulbs	27 64
Medford Water Div., repairing	158 48.
Ralph E. Peak, office supplies	1 15.
Page & Curtin, pipe, hardware, brooms.....	9 95
Westmoreland Chemical & Color Co., Fer-Sul..	11 00.
Gulf Refining Co., gasoline, kerosene	209 55
Franklin Motor Car Co., labor, parts	479 01
Francis Doane & Co., office supplies	10 40.
Globe-Wernicke Co., cards, guides	16 34.
Park & Cemetery, subscription	2 00.
Geo. W. Blanchard & Co., lumber	497 92
Morgan-Bond Co., robe, harness, and stable supplies	24 33
Chas. J. McCarty Co., waste	4 00.
Motor Car Equipment Co., supplies	15 69.
Boston Feather Duster Co., duster	2 45
J. Cushing & Co., hay, grain	72 30.
Joseph Breck & Sons, tools, seeds, baskets, wheel barrows	146 94
W. C. Thompson's Sons, moving barn	75 00.
Puritan Iron Works, stall floor, etc.	10 00.
H. E. Ellms Co., window frames, windows....	36 45
Means & Thatcher, paint	4 20
Foster & Coleman, repairing	34 25
West Side Nurseries, shrubs, trees	26 00
Henley-Kimball Co., motor parts	84 91
Standard Oil Co., oil	6 50.

EXPENDITURES

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Winchester Rock & Brick Co., crushed stone ..	\$ 17 20
N. E. Velie Co., auto repairs	8 66
Henry A. Wheeler & Co., grave cloth	24 27
Rawson Conservatories, plants	423 17
Frank Richardson, shoeing	3 00
Winchester Transfer Assn., teaming	7 91
J. C. Keith, Stevens & Sweet Horse Co., horse	340 00
Jas. J. Shannon & Co., typewriter repairs	5 65
Thomas F. Royle, vaults	120 33
Hill & Hill, reins, sponges	10 10
Waldo Bros., cement	69 00
Jordan-Marsh Co., shades	4 80
Reade Mfg. Co., herbicide	49 50
W. Arthur Lincoln, insurance	66 25
Craig Service, account books	3 00
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	\$12,551 50

CITY CLERK'S DEPARTMENT

Salary of City Clerk

One year to Jan. 1, 1919

Paid:

Charles A. Winslow	\$ 2,000 00
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City Clerk's Department Expenses

Paid:

Clerks, as per pay rolls	\$ 1,735 13
N. E. Tel. & Tel. Co., rental and tolls.....	87 71
Chas. A. Winslow, cash paid for stamps, re- cording, subscription, etc.	55 55
J. C. Miller, Jr., printing, binding	186 30
E. B. Thorndike & Son, printing	18 65
Medford Post Office, box rental	5 00

Page & Curtin, oil heater	\$ 4 50
Mary M. Lake, cash paid for commission, oath, seal and stamp	10 60
Medford Pub. Co., subscription, printing.....	18 00
Malden Electric Co., bulb	1 75
Geo. M. Weston, posting dog notices	6 00
Geo. H. Janes, Jr., electrical work, heater.....	11 14
American Express Co., expressing	2 62
Welch's Express, expressing	79
John Taylor Dixon, hand stamps	60
L. C. Smith & Bros. Typewriter Co., adjusting	1 25
Proudfit Loose Leaf Co., binders, etc.	33 01
Wards, office supplies	39 15
Geo. E. Crosby Co., printing	14 50
W. A. Greenough & Co., directory	4 00
T. H. Ball, legal blanks	5 00
L. J. Peabody, chair	5 00
Lineatime Mfg. Co., typewriter attachments ..	21 00
Hurwitz Bros., block paper	3 20
Sampson & Murdock Co., directory	6 00
F. W. Barry, Beale & Co., folders	7 00
Dennison Mfg. Co., clips	90
W. N. Campbell, steel file case	32 00
Adams, Cushing & Foster, office supplies	20 32
Thomas Leighton, Jr., recording	9 90
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	\$2,346 57

Reporting and Recording Births and Deaths

Paid:

Clerical work as per pay rolls	\$ 196 88
Mabel A. Joyce, canvassing births	108 75
Geo. M. Weston, canvassing births	72 40
J. C. Miller, Jr., books, printing	97 65
Medford Messenger, advertising	2 59
Medford Pub. Co., advertising	6 75
Marion E. Winslow, clerical work	6 00

EXPENDITURES

63

N. F. Chandler, M. D., reporting births, 1917..	\$ 4 00
E. W. Barrett, M. D., reporting births, 1917...	3 00
Mary W. Clark, M. D., reporting births, 1917..	5 75
Walter T. Burke, M. D., reporting births, 1917	8 50
C. F. K. Bean, M. D., reporting births, 1917...	2 00
A. D. Guthrie, M. D., reporting births, 1917....	2 00
H. A. Donnell, M. D., reporting births, 1917....	4 25
E. R. Fleming, M. D., reporting births, 1916 and 1917	20 00
C. R. Draper, M. D., reporting births, 1917...	8 75
P. F. Gahan, M. D., reporting births, 1917....	32 00
Geo. W. Mills, M. D., reporting births, 1917....	5 25
F. E. Campbell, M. D., reporting births, 1917..	3 50
W. W. Hartwell, M. D., reporting birth, 1917..	25
A. Moll, M. D., reporting births, 1917.....	1 25
E. H. MacMichael, M. D., reporting birth, 1917	25
H. A. Walker, M. D., reporting births, 1917..	19 25
W. W. Lougee, M. D., reporting births, 1917..	50
W. E. Hunt, M. D., reporting births, 1917.....	2 50
E. L. Maguire, M. D., reporting births, 1916 and 1917	8 25
F. M. Vaughan, M. D., reporting births, 1917..	75
L. H. Pote, M. D., reporting births, 1918.....	75
R. D. Young, M. D., reporting birth, 1918	25
R. H. Meikle, M. D., reporting births, 1918....	50
D. D. Nalchajian, M. D., reporting birth, 1918..	25
Alfred E. Mills, M. D., reporting births, 1914 to 18	1 00
J. W. Lawrence, M. D., reporting births, 1918	50
M. E. Cummings, M. D., reporting births, 1918	50
Chas. A. Keegan, M. D., reporting birth, 1918..	25
C. D. McCarthy, M. D., reporting birth, 1918..	25
L. J. Dervin, M. D., reporting births, 1915 to 18	2 00
C. T. Weeks, M. D., reporting births, 1918....	50
Edw. J. Gaffey, reporting deaths, 1917.....	18 25
Frederick N. Beals, reporting deaths, 1917....	25 00
John J. FitzGerald, reporting deaths, 1917....	1 75
George E. Holbrook, reporting deaths, 1917...	7 75

J. E. Henderson & Co., reporting deaths, 1917	\$1 00
G. F. McKenna & Sons, reporting deaths, 1917	2 00
John Bryant's Sons, reporting deaths, 1917....	2 50
J. G. Johnston Co., badge	1 00
Brown-Howland Co., cards	8 10
	<hr/>
	\$697 12

Election Expenses

Paid:

Election Officers, clerical work,, as per pay rolls	\$ 1,899 50
G. S. Lambert, janitor service at Polls	10 00
J. F. O'Neil, janitor service at Polls	7 50
J. H. Qualey, janitor service at Polls	7 50
Jas. M. Wheeler, janitor service at Polls	5 00
B. F. Samson, janitor service at Polls	7 50
Paul Bickford, janitor service at Polls	10 00
J. C. Miller, Jr., printing	616 75
Malden Electric Co., light, bulbs	24 15
Sinclair Hardware Co., tacks, screws, etc....	5 02
Cradock Garage, rental	12 00
Medford Pub. Co., advertising	230 00
E. B. Thorndike & Son, printing	23 25
J. E. Sweeny, carpentry	100 50
Geo. H. Janes, Jr., electrical work	18 23
Medford Messenger, advertising	19 26
W. J. McClellan, use of team, labor	70 50
Locke Coal Co., coal, wood	3 28
E. J. Hervey, candles	12 60
Chas. A. Winslow, cash paid for stamps, clerical work	107 05
Dudley Garage, rental	11 50
Hillside Men's Club, rent of hall	54 00
Lane's Cafe, breakfast for Policemen	9 10
McCusker & Bresnahan, repairing pipe	4 65
Granville J. Daniels, repairing Ballot Boxes..	30 00

EXPENDITURES

65

Geo. E. Crosby Co., printing	\$ 90 00
Wards, paste	1 75
Dennison Mfg. Co., envelopes, labels	28 80
F. W. Barry, Beale Co., pamphlets, etc.	17 38
John Taylor Dixon, hand stamps	1 08
Cotton & Gould, crayons	9 75
	<hr/>
	\$3,447 60

Printing and Advertising Ordinances

Paid:

Medford Pub. Co., printing, advertising	\$ 63 25
J. C. Miller, Jr., Printing	3 00
Medford Messenger, advertising	18 19
W. N. Campbell, guide cards	10 00
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	\$ 94 44

State Aid

Paid:

Sundry Persons, as per pay rolls	\$37,867 78
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COLLECTING DEPARTMENT

Salary of City Collector

One Year to Jan. 1, 1919

Paid:

Edward W. Hayes	\$ 2,000 00
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Collecting Department Expenses

Paid:

Clerks, as per pay rolls	\$ 2,982 13
N. E. Tel. & Tel Co., rental and tolls	50 30
Edw. W. Hayes, cash paid for stamps, carfares, recording deeds	693 32
Henry L. Walker, sheriff, settlement of suit ..	27 64
J. C. Miller, Jr., stock, printing	54 35
Medford Pub. Co., printing, advertising.....	949 75
E. B. Thorndike & Son, envelopes, printing....	60 75
Maria W. Wait, clerical work	60 75
Welch's Express, expressing'	54
Banker & Tradesman, subscription	5 00
Adams, Cushing & Foster, books, office sup- plies	207 57
Fred A. Turner, stamps	40
Hobbs & Warren, legal blanks, stationery....	5 40
W. A. Greenough & Co., directory	4 00
Royal Typewriter Co., ribbons	1 75
Herbert H. Hammond, "Weilaphone"	5 00
John Carter & Co., paper	5 43
Charles M. Ludden, collecting	10 00
Baker-Vawter Co., loose leaf book' paper	20 67
Adder Machine Co., repairs, paper	3 65
John Taylor Dixon, repairing daters	5 61
Multipost Co., repairing	7 58
F. W. Barry, Beale & Co., office supplies	1 10
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	\$5,162 69

ESTATES BOUGHT AT SALE FOR TAXES

Assessed to	Property	Year	Taxes	Interest	Costs	Watering Assessment	Gypsy and B. T. Meth Assessment	Sewer Assessment	Total
James Ferrara	Lot 1, Bow St.	1915		1.72	6.00			16.62	24.34
James Ferrara	Lot 2, Bow St.	"		1.72	6.00			16.62	24.34
John H. O'Rourke.....	10,224 sq. ft., Hall St., lot 31	1916	5.94	.54	6.00				12.48
Mary M. McDonald	3,600 sq. ft. Hamlin Ave., lot 13	"	.99	.08	6.00				7.07
Mary M. McDonald	3,000 sq. ft. Hamlin Ave., lot 14	"	.99	.08	6.00				7.07
Guiseppe Lavena, M. I. P.	1,800 sq. ft. Bow St., cor. Bow Terrace, lot 2	"	3.96	.36	6.00				10.32
Guiseppe Lavena, M. I. P.	1,800 sq. ft. Bow St., lot 1....	"	3.96	.36	6.00				10.32
Walter T. Fuller	1,877 sq. ft. Bow St., lot 4....	"	3.96	.36	6.00				10.32
Julia E. Fuller	1,970 sq. ft. Hillside Rd., lot 12	"	3.96	.36	6.00				10.32
Julia E. Fuller	1,710 sq. ft. Bow Terrace, lot 6	"	2.97	.27	6.00				9.24
Julia E. Fuller	1,710 sq. ft. Bow Terrace, lot 3	"	2.97	.27	6.00				9.24
Charles E. Curtis	4,426 sq. ft. Lawrence St., cor. Pinkert St., lot 23.....	"	10.89	1.18	6.00	1.96			20.03
Veronica R. Cremmens	5,005 sq. ft. Fells Ave. to Cedar Rd., lot 3	"	2.97	.27	6.00				9.24
Mary E. Clark	3,193 sq. ft. Irving St. (rear)...	"	9.90	.91	6.00				16.81
Mary E. Clark	1,279 sq. ft. Madison St., pts. lots 16 & 17	"	4.95	.45	6.00				11.40

ESTATES BOUGHT AT SALE FOR TAXES—Continued

Assessed to	Property	Year	Taxes	Interest	Costs	Watering Assessment	Gypsy and B. T. Moth Assessment	Sewer Assessment	Total
Nellie F. Canny	4,523 sq. ft. Hazel Rd., lot 22..	1916	1.98	.17	6.00				8.15
Heirs of Mary E. Bates...	No. 19 Mystic Ave., cor West- ern Ave.	"	21.78	2.49	6.50	1.28			32.05
Heirs of Mary E. Bates...	No. 39 to 43 Mystic Ave.	"	79.20	8.78	6.50	2.20			96.68
Heirs of Mary E. Bates...	No. 23-25 Mystic Ave., cor. East- ern Ave.	"	156.42	17.86	6.50	8.92			189.70
Heirs of Mary E. Bates...	No. 21 Mystic Ave., cor. West- ern Ave.	"	13.86	1.63	6.50	1.20			23.19
Daniel J. Buckley	4,525 sq. ft. Hazel Road.....	"	1.98	.20	6.50				8.68
Alvina Viellettee	No. 21 Hall St.	"	25.74	2.81	6.50		.32		35.37
Nellie M. Naughton.....	Fellsway to Pleasant St., lots 97 & 96	"	4.95						4.95
Mary A. Mooney	Sheridan Ave., pts. lots 7 & 8...	"	1.98						1.98
Met. Water & Sewerage Board	Myrtle St. to Amaranth Ave., 91,276 sq. ft.	"				18.44			18.44
Henry A. Litchfield.....	4,000 sq. ft. Arlington St., lot 22	"	.99						.99
Andrew Kerr	4,150 sq. ft. Rand St., lot 37....	"	.99						.99
Robert J. Jones	3,662 sq. ft Rural St., lot 73....	"	5.94						5.94
Charles H. Hill	5,888 sq. ft. Rand St., lot 43....	"	.99						.99

ESTATES BOUGHT AT SALE FOR TAXES—Continued

Assessed to	Property	Year	Taxes	Interest	Costs	Watering Assessment	Gypsy and B. T. Moth Assessment	Sewer Assessment	Total
Samuel H. Hellen	320 sq. ft. Paris St.	1916	.99			.08			1.07
Edw. J. Doherty	430 sq. ft. Usher Rd.	"	1.98			.08			2.06
Emily A. Cox	1,188 sq. ft., Lawn Park, lot 10..	"	1.98						1.98
City of Medford utd.....	4,730 sq. ft. Quincy St., cor. Os- good St., lot 8	"	12.87			2.00			14.87
City of Medford	2,809 sq. ft. Leyden St., cor. E. Albion St., lot 12	"	2.97						2.97
City of Medford utd.....	4,530 sq. ft. E. Albion St, lot 9..	"	4.95						4.95
City of Medford utd.....	Lawn Park, lots 8, 9, 11 & 12 ..	"	1.98	(ench)					7.92
City of Medford utd.....	304 sq. ft. Alfred St., pt. lot 13	"	.99			1.04			2.03
John J. Whelan	3,830 sq. ft. rear Union St.	"	7.92						7.92
Robert C. Orpin	450 sq. ft. off Myrtle St.	"	.99				.64		1.63
Robert C. Orpin	620 sq. ft. Waddell St.	"	.50						.50
Robert C. Orpin	1,330 sq. ft. Waddell St.	"	.49						.49
City of Medford utd.....	5,320 sq. ft. Paris St.	"	12.87			1.28			14.15
City of Medford utd.....	800 sq. ft. Paris St.	"	1.98			.20			2.18
City of Medford utd.....	5,696 sq. ft. & Bldg., No. 257 Fulton St.	"	10.89						10.89
City of Medford utd.....	3,837 sq. ft. Fellsway West	"	1.98						1.98
City of Medford utd.....	6,075 sq. ft. Winslow Ave., lot 1	"	.99						.99

ESTATES BOUGHT AT SALE FOR TAXES—Continued

Assessed to	Property	Year	Taxes	Interest	Costs	Watering Assessment	Gypsy and P. T. Moth Assessment	Sever Assessment	Total
City of Medford utd.....	5,723 sq. ft. Winslow Ave., cor. Arlington St., lot 2	1916	.99						.99
City of Medford utd.....	4,794 sq. ft. Winslow Ave., cor. Arlington St., lot 14	"	.99						.99
City of Medford utd.....	4,658 sq. ft. Arlington St., lot 3..	"	.99						.99
City of Medford utd.....	4,000 sq. ft., Arlington St., lot 18	"	.99						.99
City of Medford utd.....	5,632 sq. ft. Rand St., lot 40...	"	.99						.99
City of Medford utd.....	5,492 sq. ft. Rand St., lot 39...	"	.99						.99
City of Medford utd.....	4,046 sq. ft. Rand St., lot 36...	"	.99						.99
City of Medford utd.....	3,942 sq. ft. Rand St., lot 35...	"	.99						.99
City of Medford utd.....	3,837 sq. ft. Rand St., lot 34...	"	.99						.99
City of Medford utd.....	3,792 sq. ft. Rand St., lot 33 ...	"	.99						.99
City of Medford utd.....	5,550 sq. ft. Waddell St.	"	.99						.99
City of Medford utd.....	3,500 sq. ft. Sawyer St., lot 8...	"	.99						.99
City of Medford utd.....	3,500 sq. ft. Sawyer St., lot 7...	"	.99						.99
City of Medford utd.....	3,500 sq. ft. Sawyer St., cor. Bowen St., lot 6	"	.99						.99
City of Medford utd.....	3,862 sq. ft. Sheridan Ave. pt. lot 79	"	14.85			1.76			16.61

ESTATES BOUGHT AT SALE FOR TAXES—Continued

Assessed to	Property	Year	Taxes	Interest	Costs	Watering Assessment	Gypsy and B. T. Moth Assessment	Sewer Assessment	Total
City of Medford utd.....	20,242 sq. ft. Terrace Rd., junct. Governors Ave.	1918	9.04			52.50			61.54
City of Medford	12,050 sq. ft. & Bldgs. No. 88, 90 Salem St., off Gravelly Creek	"	159.33			6.25			165.58
City of Medford utd.....	5,320 sq. ft. Paris St.	"	14.69			1.60			16.29
City of Medford utd.....	800 sq. ft. Paris St.	"	2.26			.25			2.51
City of Medford utd.....	5,696 sq. ft. & Bldgs. Fullon St.	"	12.43						12.43
City of Medford utd.....	3,837 sq. ft. in rear Fellsway West	"	2.26						2.26
City of Medford utd.....	6,075 sq. ft. Winslow Ave., lot 1	"	2.26						2.26
City of Medford utd.....	5,723 sq. ft. Winslow Ave., cor. Arlington St., lot 2	"	2.26						2.26
City of Medford utd.....	4,794 sq. ft. Winslow Ave., cor. Arlington St., lot 14	"	2.26						2.26
City of Medford utd.....	4,658 sq. ft. Arlington St., lot 3	"	2.26						2.26
City of Medford utd.....	4,000 sq. ft. Arlington St., lot 18	"	2.26						2.26
City of Medford utd.....	5,632 sq. ft. Rand St., lot 40..	"	2.26						2.26
City of Medford utd.....	5,492 sq. ft. Rand St., lot 39..	"	2.26						2.26
City of Medford utd.....	4,046 sq. ft. Rand St., lot 36...	"	2.26						2.26
City of Medford utd.....	3,942 sq. ft. Rand St., lot 35...	"	2.26						2.26

ESTATES BOUGHT AT SALE FOR TAXES—Continued

Assessed to	Property	Year	Taxes	Interest	Costs	Watering Assessment	Gypsy and B. T. Moth Assessment	Sewer Assessment	Total
City of Medford utd.....	3,837 sq. ft. Rand St., lot 34....	1918	2.26						2.26
City of Medford utd.....	3,792 sq. ft. Rand St., lot 33...	"	2.26						2.26
City of Medford utd.....	5,550 sq. ft. Waddell St.....	"	2.26						2.26
City of Medford utd.....	3,500 sq. ft. Sawyer & Bowen Sts., lot 8	"	1.13						1.13
City of Medford utd.....	3,500 sq. ft. Sawyer & Bowen Sts., lot 7	"	1.13						1.13
City of Medford utd.....	3,500 sq. ft. Sawyer & Bowen Sts., lot 6	"	1.13						1.13
City of Medford utd.....	3,500 sq. ft. Sawyer & Bowen Sts., lot 10	"	1.13						1.13
City of Medford	3,500 sq. ft. Sawyer & Bowen Sts., lot 9	"	1.13						1.13
Samuel H. Hellen	320 sq. ft. Paris St	"	1.13			.10			1.23
City of Medford utd	304 sq. ft Alfred St., pt. lot 13	"	1.13						1.13
City of Medford utd	1,196 sq. ft. Lawn Park, lot 9..	"	2.26						2.26
City of Medford utd	1,219 sq. ft. Lawn Park, lot 8..	"	2.26						2.26
City of Medford utd	1,099 sq. ft. Lawn Park, lot 11	"	2.26						2.26
City of Medford utd	1,077 sq. ft. Lawn Park, lot 12	"	2.26						2.26
City of Medford utd	4,530 sq. ft. East Albion St., lot 9	"	5.65						5.65

ESTATES BOUGHT AT SALE FOR TAXES—Continued

Assessed to	Property	Year	Taxes	Interest	Costs	Watering Assessment	Gypsy and B. T. Moth Assessment	Sewer Assessment	Total
City of Medford	2,809 sq. ft. Leyden St., cor. E. Albion St. lot 12	1918	2.26						2.26
City of Medford	2,000 sq. ft. Jerome st., jun. Sherman St.	"	5.65			10.50			16.15
City of Medford	224 sq. ft. Sharon St.	"	130.68	12.68	9.50	1.76			157.83
Heirs of Daniel Durgin...	Land & buildings No. 81 Park St.	1916	1.13						1.13
Benj. F. Fenton Tr.....	Land & buildings No. 23 & 25 Main St.	"	130.68	15.89	9.50	1.76			157.83
Heirs of Chas. F. Coburn..	Land & buildings No. 8-10-12 High St.	"	304.92	36.87	9.50	2.04			353.33
									\$1,609.28

ELECTRICAL DEPARTMENT

Salary of Superintendent of Wires and Gas Fittings One year to Jan. 1, 1919

Paid:

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

Paid:

N. E. Tel. & Tel. Co., rental and tolls	\$ 74 18
Henry A. Gaffney, for use of auto	340 00
Henry A. Gaffney, postage stamps	3 00
J. C. Miller, Jr., printing	8 25
Gamewell Fire Alarm Tel. Co., fire alarm box..	150 50
Western Electric Co., wire	35 28
American Express Co., expressing	2 07
Welch's Express, expressing	2 63
	\$615 91

Fire and Police Signal Service

Paid:

Workmen, as per pay rolls	\$ 168 00
Wm. E. Ober, wire	4 00
Western Electric Co., batteries, tester, relays, zincs, wire, sal ammoniac, etc.....	174 18
Sinclair Hardware Co., paints, oil, drills, elec- tric bulbs, etc.	20 87
Welch's Express, expressing	7 30

EXPENDITURES

75

Geo. H. Janes, Jr., wire, sundries	\$ 5 63
Gamewell Fire Alarm Tel. Co., pen wheel, time stamps, ribbon, ink	13 01
Warren H. Keay, turpentine	38
Page & Curtin, pipe, pails, paint	14 11
American Express Co., expressing	2 05
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	\$409 58

Salary of Linemen

Paid:

Workmen, as per pay rolls	\$ 710 00
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Street Lights

Paid:

Malden Electric Co., light	\$25,314 40
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ENGINEERING DEPARTMENT

Salary of City Engineer

One year to Jan. 1, 1919

Paid:

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

Paid:

Engineer's Assistants and clerk, as per pay rolls	\$ 2,390 36
N. E. Tel. & Tel. Co., rental and tolls	23 86
Fred R. Charnock, carfares, incidentals	73 21
Medford Pub. Co., subscription, reports	20 00
J. C. Miller, Jr., envelopes, printing	5 65
Marion E. Buffum, typewriting	12 32
W. C. Miles Co., stakes	40 00
W. T. Shannon, repairing, ribbons	8 00
Ralph E. Peak, pencils	60
Ledder & Probst, blue prints, ink, tracing cloth mounting, paper	125 33
Spaulding-Moss Co., blue prints, paper	5 86
Brown-Howland Co., cards	7 25
Adams, Cushing & Foster, office supplies	18 96
Wards, office supplies	12 65
W. N. Campbell, index cards	3 57
Engineering and Contracting, subscription ...	3 00
Municipal Journal, subscription	3 00
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	\$2,753 62

FIRE DEPARTMENT**Salaries of Firemen**

One year to Jan. 1, 1919

Paid:

Chief and permanent men, as per pay rolls ..	\$41,654 85
Call men, as per pay rolls	2,533 92
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	\$44,188 77

Ordinary Expenses—Fire Department

Paid:

N. E. Tel. & Tel. Co., rental and tolls	\$ 239 68
Medford Water Div., water	75 74
Malden Electric Co., light	132 59
M. & M. Gas Light Co., gas	128 09
Medford Highway Dept., labor, teaming.....	13 13
Medford Ice Co., ice	3 45
Locke Coal Co., coal	1,844 79
J. E. Ober & Son, coal, wood	221 17
J. C. Miller, Jr., printing	6 75
J. E. P. Plante, expense to Springfield	2 97
Thomas. M. Hutchinson, operator's license	1 00
E. A. Baker, operator's license, etc.	3 00
W. Burton Harvey, operator's license	1 00
James A. Barry, operator's license	1 00
B. F. Samson, operator's license, etc.	2 00
F. E. Samson, operator's license	1 00
Geo. C. Harris, operator's license	1 00
Warren Burrell, operator's license	1 00
Jos. W. McKeon, operator's license	1 00
J. B. Simpson, operator's license	1 00
Thos. A. Qualey, operator's license, stamps ..	3 15
Victor St. Denis, labor on autos	9 58
Cradoek Garage, auto supplies	27 80
H. F. Walker, spring chains, repairs	116 00
F. B. Miller, laundry work	214 77
E. Teel & Co., Auto Dept., repairs, sundries ..	106 38
Sinclair Hardware Co., hardware, batteries, screen wire	47 28
Erle S. Bacon, electrical work	3 00
C. H. Tinkham, repairing clock	2 00
Dudley Garage, Presto-Lite tanks, etc.	43 45
Wellman Co., parts, repairing	5 65
Sagamore Auto Service, repairs, supplies	164 64
Mystic Rubber Co., tire repairs	7 35

Warren & Torrens, oil	\$ 25 31
E. Teel & Co., forging, bolts	9 87
Anthony Zaehner, tire repairs	19 00
J. E. Ober & Son, wood, zincs	2 70
West Medford Auto Co., repairing	129 80
Ducharme Machine Co., stock, labor	4 60
Teel Mfg. Co., tires	132 03
C. H. Hartshorn, repairing	1 75
Welch's Express, expressing	2 10
Otto J. C. Neilson, spark plugs	10 00
W. J. McClellan, expressing	50
Savage's Express Co., expressing	8 56
American Express Co., expressing	71
B. F. Samson & Co., metal polish	6 00
Daniel N. Howard, druggist's sundries	2 40
Main St. Garage, tank	5 00
J. H. Qualey, stock for screens	5 40
T. G. & W. H. Whitman Co., re-charging bat- teries, repairing	13 70
W. E. Gerry, cambrie	3 42
Barrows & Getchell, pipe	6 50
Wm. N. Curtis, bicarbonate of soda	31 92
E. J. Hervey, Bon-ami	3 75
Wellman Co., labor	5 55
Page & Curtin, hardware	28 29
Standard Oil Co., gasoline, pump	644 91
Prest-O-Lite Co., tanks, repairing	7 32
Baker Motor Sales Co., motor parts	85 79
Pyrene Mfg. Co., pyrene liquid	11 00
Dover Stamping & Mfg. Co., barrels	30 23
American Refining Co., motor oil	80 90
Hydo Palm Soap Co., soap powder	27 50
J. P. O'Neill, coal	57 24
Adams, Cushing & Foster, account books	26 15
Cornelius Callahan Co., hose, chloride, etc	120 21
Samuel Hurwitz, glazing	2 75
W. A. Greenough & Co., directory	4 00
Stromberg Motor Devices Co., valves, fittings	36 05

EXPENDITURES

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Gulf Refining Co., kerosene	\$60 57
A. S. Noyes, repairing	113 75
Mass. State Prison, brushes	70 51
C. M. Kimball Co., metal polish	27 78
Am. La France Fire Engine Co., stoppers	2 00
Knight & Thomas, acid bottles, etc	2 17
Merrimac Chemical Co., oil vitrol	21 88
Seagrave Co., chain, repairing	33 00
Geo. W. Blanchard & Co., lumber	7 81
Dayton Tire Co., tire, repairing	44 53
Geo. T. Johnson Co., paper	15 00
Houghton & Dutton Co., cambrie	3 80
Mason, Sanborn & Ramsdell Co., soap	6 00
Fred H. Wentworth, insignias, badge	17 57
G. H. Dyer Co., welding	1 25
Herbert H. Hammond, "Weilaphone"	5 00
Reformatory for Women, bedding, flag	35 61
Knox Motors Associates, motor repairs, parts..	287 01
W. A. Wood Co., oil	7 50
Mass. Reformatory, blankets	60 00
F. A. Dutton Motor Co., prest-o-lite tanks	8 25
Western Electric Co., bulbs	10 80
Larkin Mfg. Co., smoke filters	80 60
Keystone Lubricating Co., grease	33 60
Boice Motor Equipment Co., battery	28 63
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	\$6,009 94

Repairs to Fire Department Buildings

Paid:

Grant & Moland, repairing and renovating doors	\$ 80 00
Sinclair Hardware Co., glass, paint, nails	23 19
C. W. Johnson & Co., painting Comb. C. house	90 75
F. W. Rauskolb Co., gold leaf	1 10

Barrows & Getchell, conductors	\$ 20 00
A. F. Dyer, stock and labor	9 60
Geo. W. Blanchard & Co., lumber	27 65
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	\$252 29

Boiler—Fire Department

Paid:

Otto J. C. Neilson, new boiler, teaming, mason work	\$ 322 50
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HEALTH DEPARTMENT

Salaries of Board of Health

One year to Jan. 1, 1919, unless specified

Paid:

Franklin E. Campbell, M. D., Jan. 1 to Aug. 15	\$ 31 18
Alfred J. Hawks, M. D., chairman	250 00
Warren S. McIntire	50 00
Walter T. Burke, M. D., Aug. 16 to Dec. 31....	18 82
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	\$ 350 00

Salaries of Inspectors

One year to Jan. 1, 1919, unless specified

Paid:

Leslie E. Morrison, Inspector of Plumbing, Jan. 1 to June 15, inc.	\$ 527 07
Edward P. Frazier, Acting Inspector of Plumb- ing, June 16 to Dec. 31	622 93

EXPENDITURES

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Leslie E. Morrison, Health Inspector, Jan. 1 to June 15	\$137 50
Edward P. Frazier, Acting Health Inspector, Sept. 1 to Dec. 31	100 00
Paul. J. D. Haley, M. D., Medical Inspector, Jan. 1 to Oct. 1	125 00
Alfred J. Hawks, M. D., Medical Inspector, Nov. 1 to Dec. 31	25 00
Winslow Joyce, Inspector of Milk and Vinegar	500 00
Francis W. Lumbert, Inspector of Meats and Provisions	150 00
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	\$2,187 50

Health Department Expenses

Paid:

Alvin R. Reed, salary as clerk	\$ 900 00
N. E. Tel. & Tel. Co., rental and tolls	113 71
Leslie E. Morrison, burying animals	7 00
Alfred J. Hawks, M. D., professional services	64 80
Walter T. Burke, M. D., professional services..	8 40
E. P. Frazier, carfares, operator's license, bury- ing animals	25 85
Teel Mfg. Co., motor sundries	5 38
Cradock Garage, service to Danvers, repairing	57 25
Medford Pub. Co., printing, reports	19 50
Peter F. Hughes, burying animals	3 25
Sinclair Hardware Co., auto pump, jack	8 00
Medford Hillside Garage, tires, tubes	36 68
E. Teel & Co., Auto Dept., tube, repairs	6 50
Tufts Sq. Garage, auto supplies, repairs	76 95
Medford Water Div., gasoline, oil	104 15
Mystic Auto Co., repairs, sundries	11 15
Anthony Zacher, tire, etc.	17 70
Page & Curtin, oil heater	6 20

H. M. Meserve & Co., office supplies	\$7 20
Underwood Typewriter Co., repairing	1 14
Adams, Cushing & Foster, office supplies ,....	6 75
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	\$1,487 56

Contagious Diseases

Paid:

Medford Water Div., gasoline, oil	\$ 6 90
Medford Pub. Co., printing	25 00
Alvin R. Reed, cash paid for stamps	35 00
Daniel N. Howard, cultures, cups, drugs	48 60
Alfred J. Hawks, M. D., use of auto	300 00
W. A. Bowers, cultures	21 50
Cradock Garage, auto repairs, supplies	54 64
J. C. Miller, Jr., printing, postals	20 25
P. C. Chandler, cultures	3 50
John W. Enright, cultures, drugs	83 27
Teel Mfg. Co., tube	3 00
Medford Visiting Nurse Assn., visits, rent.	75 20
Sinclair Hardware Co., tacks	60
Otto J. C. Neilson, spark' plugs	4 00
Page & Curtin, tacks	50
Medford Hillside Garage, tire	29 41
F. Chisholm, compensation	18 00
Anthony Zacher, tubes, cases	17 10
W. E. Gerry, gauze	1 89
City of Cambridge, board	671 00
City of Malden, board	370 14
City of Everett, board	28 50
Westfield State Sanatorium, board	117 71
Rutland State Sanatorium, board	59 43
Lakeville State Sanatorium, board	10 86
North Reading Sanatorium, board	61 15
Mass. Homoeopathic Hospital, board, etc.	298 00
State Board of Charity, board	2 29
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	\$2,367 44

HIGHWAY DEPARTMENT

Salary of Street Commissioner

One year to Jan. 1, 1919

Paid:

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

One year to Jan. 1, 1919

Paid:

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

Paid:

Workmen, as per pay rolls	\$15,079 84
Gulf Refining Co., oil, gasoline	351 48
E. Teel & Co., Auto Dept., labor, etc	30 17
E. Teel & Co., wagon repairs, tires	70 66
Kelly-Springfield Motor Truck Co., parts, labor	175 84
Medford, Gen'l Repairs of Highw'ys, teaming	1,600 00
W. C. Miles Co., pickets	3 00
H. F. Walker, tires	270 86
Geo. W. Blanchard & Co., lumber, etc.	17 12
	\$17,598 97

Bridges

Paid:

Workmen, as per pay rolls	\$ 345 42
Gulf Refining Co., kerosene	16 80
Sinclair Hardware Co., netting	36 18
	<hr/>
	\$ 398 40

Collection of House Offal

Paid:

Workmen, as per pay rolls	\$12,427 66
E. Teel & Co., repairing	43 96
Medford, Gen'l Repairs of Highw'ys, teaming	780 00
Chas. J. McCarty & Co., rakes, forks	10 42
Anderson & Anderson, pails, iron	17 15
Anthony Zacher, tires	38 40
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	\$13,317 59

Gravel Sidewalks

Paid:

Workmen, as per pay rolls	\$ 917 32
Boston & Maine R. R., freight	146 76
Winchester Rock & Brick Co., stone	182 42
Gulf Refining Co., gasoline	53 50
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	\$ 1,300 00

General Repairs of Highways

Paid:

Workmen, as per pay rolls	\$19,964 26
N. E. Tel. & Tel. Co., rental and tolls	147 78
Malden Electric Co., light	61 63
Medford Water Div., water	77 36
Medford Pub. Co., printing	9 00
Ball's Express, expressing	6 70
Donoghue's Express, expressing	11 25
Welch's Express, expressing	9 31
American Express Co., expressing	3 14
Boston & Maine R. R., freight	25 00
Sinclair Hardware Co., paint, lanterns, tools, rope, lamp black, hose	393 85
L. H. Phelps, grain, hay	5,545 41
E. Teel & Co., Auto Dept., motor repairs	118 84
Teel Mfg. Co., auto repairs, parts	97 83
Hillside Sign Co., lettering auto	3 00
Anthony Zacher, tires, repairing	215 74
C. H. Hartshorn, harness repairs	97 45
John W. Enright, drugs	25 13
Cradock Garage, auto supplies	13 80
H. F. Walker, repairing and painting autos...	67 00
Harrie W. Peirce, M. D. V., professional ser- vices	28 00
L. A. Harriman & Co., grain	16 00
Locke Coal Co., coal	147 66
W. C. Miles Co., lumber	53 91
Walter T. Burke, M. D., professional services	80 00
David Anderson, bicycle repairs	75
Medford Hillside Garage, tires	46 02
E. B. Thorndike & Son, printing	19 00
Clifford-Black & Co., linoleum	3 50
E. Teel & Co., wagon parts	139 50
Louis J. Condon, painting signs	9 25
Tufts Sq. Garage, auto supplies, repairs	128 24

Medford Guide Boards & Street Signs, erroneous charge	\$ 43 05
John A. Gaffey, crushed stone	634 52
Hugh G. Kennedy, cash paid for auto registrations	33 00
Medford Messenger, advertising	7 13
T. G. & W. H. Whitman, repairing	11 75
Ralph E. Peak, pencils	1 65
Adams, Cushing & Foster, office supplies	17 83
E. P. Sanderson Co., chains, steel, tools	200 28
Oliver Whyte Co., repairing gear, irons	7 08
Peter Robertson, repairing radiators	29 75
Adder Machine Co., final payments	140 60
Gulf Refining Co., oil, gasoline	1,054 15
Standard Oil Co., gasoline, auto soap, grease..	168 36
Coleman Bros., crushed stone	693 84
Kinney Mfg. Co., motor repairs	7 60
Hood Tire Co., tires	94 42
Middlesex County House of Correction, sweepers, brooms	28 63
P. J. McDonald, harness repairs	15 75
Connell & McKone Co., motor repairs	6 99
Morgan-Bond Co., horse covers, supplies	64 75
Boston Feather Duster Co., dusters, etc.	6 56
American Tar Co., tarite	1,103 52
N. E. Road Machinery Co., parts	25 00
Cadillac Automobile Co., sundries	29 56
W. Arthur Lincoln, insurance	143 75
Buffalo Steam Roller Co., new roller, parts....	339 52
Joseph Palmer, repairing springs	7 50
Hill & Hill, clippers	5 50
Ames Plow Co., hand-cart wheels	11 20
Kelly-Springfield Motor Truck Co., parts	140 64
Sherwin-Williams Co., paint	6 45
Dodge, Haley Co., leathers, caulks, nails	77 61
Chas. J. McCarty & Co., waste, salt, jack	78 50
C. M. Kimball Co., metal polish	7 68
Boston Engineer's Supply Co., push brooms ..	25 00

EXPENDITURES

87

Winchester Rock & Brick Co., crushed stone ..	\$ 27 86
J. Cushing & Co., grain, straw	443 42
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	\$33,305 71

Guide Boards and Street Signs

Paid:

Workmen, as per pay rolls	\$ 66 25
Louis J. Condon, painting signs	31 80
W. C. Miles Co., sign posts	24 00
Traffic Sign & Signal Co., silent policemen...	21 00
	<hr/>
	\$ 143 05

Original Construction of Streets

Paid:

Workmen, as per pay rolls	\$ 7,299 74
John A. Gaffey, teaming coal	35 10
John A. Gaffey, stone on contract	18,335 37
Medford Pub. Co., advertising	7 50
Medford Engineering Dept., labor	150 25
David Anderson, bicycle repairs, tire	7 75
J. E. Sweeny, concrete forms	13 00
Geo. L. Poland, lumber, labor	17 60
Boston & Maine R. R., freight	151 37
R. R. Bunnell & Co., coal	254 36
S. & R. J. Lombard, edgestone	2,801 51
Chas. J. McCarty & Co., tools	131 00
A. F. Robinson Boiler Works, repairing.....	44 10
Coleman Bros., crushed stone	1,992 93
Gulf Refining Co., gasoline, kerosene	285 79
American Tar Co., tar products	3,547 40
Winchester Rock & Brick Co., crushed stone..	109 51
Geo. W. Blanchard & Co., lumber	29 03
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	\$35,213 31

Gypsy and Brown Tail Moths

Paid:

Workmen, as per payrolls	\$1,455 66
T. H. Lord, filing saws	6 90
Medford Messenger, advertising	30 99
Sinclair Hardware Co., sundries	1 64
Merrimac Chemical Co., lead paste	155 00
Gulf Refining Co., gasoline	35 75
City of Malden, lead arsenate	115 00
Medford Pub. Co., printing, advertising	43 00
Thomas F. Doyle, filing saws	1 00
Comm. of Mass., use of power sprayer	80 00
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	\$1,924 94

Stone Bounds

Paid:

Workmen, as per pay rolls	\$ 51 92
Medford Engineering Dept., labor	3 80
	<hr/>
	\$ 55 72

Street Construction

Paid:

Workmen, as per pay rolls	\$ 2,397 91
Coleman Bros., crushed stone	550 39
Standard Oil Co., gasoline	61 25
Gulf Refining Co., kerosene, gasoline	52 35
West Medford Auto Co., gasoline	27
Boston & Maine R. R., freight	27 75
Winchester Rock & Brick Co., crushed stone ..	109 97
Buffalo Steam Roller Co., parts	1 93

EXPENDITURES

80

Chas. J. McCarty & Co., waste	\$ 12 50
Medford Messenger, advertising	3 94
American Tar Co., tarine	283 72
John A. Gaffey, stone, on contract	832 98
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	\$4,334 96

Trees

Paid:

Workmen, as per pay rolls	\$ 368 69
Thomas F. Doyle, filing saws	5 25
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	\$ 373 94

Sidewalks and Edgestones

Paid:

Workmen, as per pay rolls	\$16,533 72
John D. Dwyer, sand	170 25
Wm. H. Lenox, cinders	78 00
Medford Engineering Dept., labor	292 94
Medford Pub. Co., advertising	5 00
Teel Mfg. Co., repairing.....	4 80
Anthony Zacher, tires, repairing	268 22
Medford Messenger, advertising	3 19
Medford, Gen'l Repairs of Highways, teaming, trucking	250 00
Lewis H. & F. W. Lovering, one half cost granolithic sidewalk	42 00
Dennis F. Dwyer, sand	537 50
Sinclair Hardware Co., lamp black, tools, roller, lantern globes	111 14
W. C. Miles Co., lumber	2 00
C. H. Tinkham, photo work	2 00
Medford Paving Gutters, erroneous charge...	79 80

Medford, Original Construction of Streets, sand	\$213 31
John A. Gaffey, crushed stone	482 28
Boston & Maine R. R., freight	367 75
Welch's Express, expressing	2 10
Standard Oil Co., gasoline	62 00
Gulf Refining Co., kerosene, gasoline	628 35
S. & R. J. Lombard, edgestone	10,826 51
Coleman Bros., crushed stone	814 50
Winchester Rock & Brick Co., crushed stone ..	86 12
Oliver Whyte Co., sand screens	16 00
Geo. W. Blanchard & Co., lumber	10 73
Chas. J. McCarty & Co., pails, tools, lanterns..	123 59
Waldo Bros., cement	1,429 31
James H. Fannon, cinders, cement	282 58
North Packing & Provision Co., cinders	384 00
Iver Johnson Sporting Goods Co., tools	12 50
Cadillae Automobile Co., motor repairs	40 60
Berry & Ferguson, cement	134 33
Sherwin-Williams Co., lamp black	13 50
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	\$34,310 92

Surface Drains

Paid:

Workmen, as per pay rolls	\$ 3,549 41
Edw. W. Barrett, M. D. professional services..	20 00
Medford Engineering Dept., labor, carfares..	74 84
Boston & Maine R. R., freight.....	273 20
Locke Coal Co., coal	4 88
Sinclair Hardware Co., wicks	30
H. A. Pinkham, rubber boots	27 50
Medford, Gen'l Repairs of Highways, teaming, trucking	150 00
Delano Iron Foundry, frames, gratings, covers, curbs	337 61
Chas. J. McCarty & Co., couplings, rods	36 85

EXPENDITURES

91

Gulf Refining Co., kerosene, gasoline	\$240 65
Fred'k B. Witherly, traps, frames, grates	189 00
Swift-McNutt Co., lumber	66 60
Waltham Forge, re-steeling tools	100 00
Geo. W. Blanchard & Co., lumber	5 16
Somerville Iron Foundry, frames, grates, man- holes	147 00
Coleman Bros., stone dust	12 26
Waldo Bros., pipe	1,132 96
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	\$6,368 22

Paving Gutters

Paid:

Workmen, as per pay rolls	\$ 179 80
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Watering Streets

Paid:

Workmen, as per pay rolls	\$ 2,816 38
Medford Engineering Dept., map mounting..	168 90
E. Teel & Co., Auto Dept., motor repairs	51 06
Anthony Zacher, tires, repairs	132 72
Frederick H. Browne, abatement	4 00
Medford, Gen'l Repairs of Highways, teaming	600 00
Teel Mfg. Co., spark plugs, etc	6 70
H. F. Walker, tires, auto repairs	332 81
Boston & Maine R. R., freight	703 01
W. Arthur Lincoln, auto insurance	478 00
Kelly-Springfield Motor Truck Co., repairing, parts	192 06
Gulf Refining Co., gasoline	226 00
Alden Speare's Sons Co., oil, use of truck	1,657 37
American Tar Co., tar products :	6,880 80
The Island Petroleum Co., road oil	2,813 59

Boston Engineer's Supply Co., road oil	\$6,008 23
City of Somerville, street oiling	752 41
Cadillac Automobile Co., labor, parts	133 84
Eisner-Lenk Co., motor repairs	5 75
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	\$23,963 63

Winthrop Street Bridge

Paid:

Workmen, as per pay rolls	\$ 723 03
Geo. W. Blanchard & Co., lumber	37 64
Curtis & Pope Lumber Co., lumber	813 46
E. Teel & Co., Auto Dept., plugs	1 50
Teel Mfg. Co., repairing	7 88,
Oliver Whyte Co., angle irons	13 39
Medford Police Dept., services	17 00
Coleman Bros., crushed stone	24 70
Gulf Refining Co., kerosene, gasoline	65 49
Medford, Bridges, erroneous charge	98 40
Medford, Gen'l Repairs of Highways, erroneous charge	300 00
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	\$2,102 49

INSPECTION DEPARTMENT

Salary of Inspector of Buildings

One year to Jan. 1, 1919

Paid:

Frank B. Blodgett	\$ 1,200 00
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Building Inspection Expenses

Paid:

Frank B. Blodgett, for use and maintenance of auto, stamps	\$ 342 80
Medford Electrical Dept., use of phone.....	12 00
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	\$ 354 80

PARK DEPARTMENT**Public Commons**

Paid:

Workmen, as per pay rolls	\$ 3,131 31
N. E. Tel. & Tel. Co., rental	20 07
Alvin R. Reed, salary as secretary and clerk..	200 00
Edward P. Adams, salary as superintendent..	500 00
W. C. Miies Co., sawdust	1 25
H. W. Biggs, use of team	3 38
Alden Hayden, carpentry	58 34
Sinclair Hardware Co., nails, lead, tools.....	22 41
E. Teel & Co., steel, lumber	6 76
J. C. Miller, Jr., printing	5 40
Thomas F. Doyle, filing saws	50
Ralph E. Peak, books	1 55
Page & Curtin, hardware, etc	14 17
J. N. Cowin & Co., loam	18 75
Medford Pub. Co., copies of report	9 00
Warren H. Keay, paint	10 70
Wellman Co., screws	15
H. F. Walker, repairs, tree pruners	2 75

REPORT OF CITY AUDITOR

John A. Gaffey, stone dust	\$ 3 24
Donoghue's Express, expressing	3 27
Geo. W. Blanchard & Co., lumber	44 27
A. G. Spalding & Bros., fittings	8 55
Joseph Breck & Sons, mower parts, mowers..	26 35
International Harvester Co., knives	3 10
A. J. Wilkinson & Co., screws	22
Waldo Bros., plaster	3 75
Boston Bamboo Co., bamboo butts	4 50
Adams, Cushing & Foster, book	3 75
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	\$4,107 49

Care of Bath Houses

Paid:

Henry J. O'Brien, care taker	\$ 164 25
Locke Coal Co., lime	1 00
Alden Hayden, repairing, sundries	25 69
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	\$ 190 94

Playgrounds

Paid:

Workmen, as per pay rolls	\$ 870 00
Medford Public Library, lost books	1 30
Warren H. Keay, paint	4 50
Teel Mfg. Co., motorcycle repairs	1 53
Geo. W. Blanchard & Co., lumber	6 67
Joseph Breck & Sons, waste barrels, sundries..	29 58

EXPENDITURES

95

Philip F. Whitten, salary as supervisor	\$ 350 00
Phillip F. Whitten, carfares, balls, bats, etc.	9 82
Louise Whiting, salary as girls' supervisor	160 00
Louise Whiting, carfares, phone calls	6 40
Iver Johnson Sporting Goods Co., playground equipment	128 59
J. L. Hammett Co., plasticine	2 21
Medford Pub. Co., printing	8 50
Ralph E. Peak, note books	4 90
John T. Scully Foundation Co., beach sand	40 00
M. Norton & Co., base balls	29 50
Alden Hayden, repairing lockers, etc.	25 80
Wm. Filene's Sons Co., ring toss	3 90
R. H. White Co., games, spoons, etc	9 72
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	\$1,692 92

Playground Equipment

Paid:

Alden Hayden, on contract for shelter build- ing, and sand boxes	\$ 477 00
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PURCHASING AGENT'S DEPARTMENT

Salary of Purchasing Agent

Paid:

William H. Casey, Jan. 30 to Dec. 31.	\$ 2,300 00
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Purchasing Department Expenses

Paid:

Clerk, as per pay rolls	\$ 816 00
N. E. Tel. & Tel. Co., rentals and tolls	108 62
Kenyon & Suits, office furniture	192 15
Underwood Typewriter Co., typewriter, supplies	107 35
American Felt Co., felt	4 75
Wm. H. Casey, carfares, stamps	74 10
Sinclair Hardware Co., baskets, heater, etc...	21 48
J. C. Miller, Jr., printing	228 55
Wards, office supplies	30 20
Adams, Cushing & Foster, office supplies	30 40
John Taylor Dixon, hand stamps, etc.	9 73
Clifford, Black & Co., mirror, rack	3 50
M. J. Farrell, carpentry	3 01
Frank P. Bridges & Co., pens	1 78
Ralph E. Peak, office supplies	2 65
W. N. Campbell, filing cabinet, cards	106 68
Western Electric Co., fan	19 08
E. Teel & Co., Auto Dept., gasoline, repairs...	21 22
Teel Mfg. Co., auto repairs	10 63
Welch's Express, expressing	91
E. E. Hayes Co., carbon paper	15 30
Smith Drug Co., atomizer, etc.	1 98
R. G. Fraser, scissors	25
Anthony Zacher, tire case	15 00
American Book Co., dictionary	12 60
Mystic Auto Co., auto repairs	5 00
C. H. Tinkham, clock	10 00
F. W. Barry, Beale & Co., paste	3 75
W. N. Campbell, adding machine	12 50
W. S. Kaulback, lamp	5 00
J. T. Dennison, tire	19 20
Savage's Express Co., expressing	79

\$1,894 16

POLICE DEPARTMENT**Salaries of Policemen**

One year to Jan. 1, 1919

Paid:

Chief, police officers, and janitor, as per pay rolls	\$42,962 36
Emery D. Holmes, pensioned officer	750 00
William G. Ewell, pensioned officer	750 00
Frederick J. Lewis, pension from June 10	390 26
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	\$44,852 62

Special Police, Etc.

Paid:

Special Police officers, and special duty of Home Guard, as per pay rolls	\$ 4,383 75
N. E. Tel. & Tel. Co., rental and tolls	185 48
John F. Welch, cash paid out	40 70
John B. A. Buffum, carfares, expense	21 62
W. Murphy, operator's license	1 00
John J. Manning, operator's license	1 00
Fred W. Blake, operator's license	1 00
Ernest R. Rowland, operator's license	1 00
Charles M. Crimmings, cash paid for field glasses	35 00
Daniel W. Connors, carfares, expense	4 79
Malden Electric Co., light, bulbs	131 48
M. & M. Gas Light Co., gas	8 33
Medford Water Div., water.....	37 50
E. Teel & Co., lettering doors	2 25

Medford Pub. Co., advertising, printing	\$ 52 75
Medford Hillside Garage, tires, repairs	751 99
Locke Coal Co., coal	629 23
Cradock Garage, auto supplies, repairs	685 21
E. Teel & Co., Auto Dept., auto sundries, etc . .	188 98
C. H. Tinkham, plating buttons, repairing	10 69
Sinclair Hardware Co., barrels, mops, brushes	36 57
Morrison's Real Est. & Ins. Agency, insurance	54 40
David Anderson, lock repairs	5 75
W. B. Emery, repairing chairs	24 55
Wm. E. Ober, electrical supplies, labor	5 69
Ralph E. Peak, office supplies	11 38
E. J. Hervey, ammonia, crackers, etc.	6 60
West Medford Auto Co., supplies, repairs. . . .	7 75
Geo. H. Janes, Jr., electrical work	3 28
Medford Purchasing Dept., paste	63
Welch's Express, expressing	27
Savage's Express Co., expressing	1 58
American Express Co., expressing	5 40
W. J. McClellan, expressing	1 50
Paul G. Bickford, paid for helper	1 00
C. H. Tinkham, repairing clock	1 50
Est. John A. Morgan, distilled water	50
C. H. Hartshorn, repairing	1 40
Roy S. White, hinges, labor	2 80
John W. Enright, drugs	3 56
Daniel N. Howard, distilled water	25
Lane's Cafe, food for prisoners	2 25
Sam'l H. Wilkins, M. D., professional services	2 00
Alfred J. Hawks, M. D., professional services	6 00
C. R. Draper, M. D., professional services	4 00
Page & Curtin, repairs, sundries	10 55
The White Co., motor sundries, labor	87 90
Draeger Oxygen Apparatus Co., refilling.	20 73
West Disinfecting Co., floor oil	12 50
New England Co., towel supply	21 55
Iver Johnson Sporting Goods Co., buttons	42 02
Kenyon & Suits, chairs, repairing	33 37

EXPENDITURES

99

Mass. General Hospital, services	\$ 1 60
F. W. Barry, Beale & Co., office supplies.....	3 25
Geo. H. Morrill Co., finger print ink	1 06
W. A. Greenough & Co., directory	4 00
Morgan Envelope Co., paper.....	7 75
Adams, Cushing & Foster, office supplies.....	12 60
Reformatory for Women, flag	6 85
Henley-Kimball Co., labor, sundries	337 41
Boston Feather Duster Co., dusters	6 05
Carroll Studio, prints	11 00
Remington Typewriter Co., typewriter, supplies	123 90
Western Electric Co., electric bulbs	33 35
W. Arthur Lincoln, insurance	73 75
W. H. & Webster Jones Co., rental, repairs....	23 25
Stewart-Warner Speedometer Corp., repairs..	4 00
Gulf Refining Co., underground tank, pump, oil, gasoline	184 93
John Taylor Dixon, dating stamps	35
Exide Battery Depots, rental, etc.	2 50
Post & Lester Co., jack springs	38
Fred Green, photos of finger prints	7 00
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	\$8,437 96

PUBLIC LIBRARY DEPARTMENT

Salaries and Wages

Paid:

Librarian, Assistants, Page and janitor service as per pay rolls	\$ 6,022 49
L. B. Sanderson, extra work	4 00

Fuel and Light

Paid:

M. & M. Gas Light Co., gas	\$ 3 09
Malden Electric Co., light	147 79
Locke Coal Co., coal, wood	1,025 36

Books, Periodicals, Etc.

Paid:

N. J. Bartlett & Co., books	\$ 784 40
Carol Cox Book Co., books	12 19
W. B. Clarke Co., books	17 60
De Wolfe & Fiske Co., books	29 50
Old Corner Book Store, books	775 24
Schoenhof Book Co., books	29 59
Charles Scribner's Sons, books	10 27
The H. W. Wilson Co., books	94 30
The Atlantic Monthly Press, books	2 80
The Baker & Taylor Co., books	9 02
Houghton, Mifflin Co., books	5 97
H. R. Hunting Co., books	29 54
Longman's, Green & Co., books	31 15
Metal Crafts Pub. Co., book	4 50
R. H. White Co., books	24 35
Bookshop for Boys & Girls, books	139 49
Encyclopedia Americana Corp., books	10 00
Himebaugh and Browne, books	63 94
Herman Goldberger, magazine subscriptions..	239 75
Neil, Morrow, Ladd Co., books	9 05
Union Library Association, books	12 76
Boston Book Co., magazines	1 64
McDevitt-Wilsons, books	15 18
Williams Book Stores Co., books	4 74

EXPENDITURES

101

J. L. Hammett Co., books	\$ 16 64
Mary C. Rogers, book	2 25
Ginn & Co., books	3 87
Ipswich Historical Society, book	6 09
Standard Publication Co., books	7 75
University Society, Inc., books	34 50
Goodspeed's Book Shop, books	4 59
Fleming H. Revell Co., books	67
C. E. Tibbetts, books	27 31
Chas. W. Clark Co., books	1 55
H. M. Connor, books	26 49
Current Literature Pub. Co., books	4 50
Funk & Wagnalls Co., books	2 75
Gardenside Book Shop, books	36 81
J. H. Jansen, books	2 70
Charles E. Lauriat Co., books	16 25
Standard Book Co., books	5 16
Ralph E. Peak, newspapers	14 17

Binding Books

Paid:

Chivers Book Binding Co.....	\$ 543 02
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Other General Expense

Paid:

N. E. Tel. & Tel. Co., rental and tolls.....	\$ 50 09
Medford Water Div., water	10 81
Medford Pub. Co., advertising, reports.....	26 25
A. L. Sargent, cash paid for express, dues, books, magazines, sundries	140 25
American Express Co., expressing ..	30 93
Boston & Maine R. R., freight	3 60
W. J. McClellan, expressing	75
Welch's Express, expressing	1 58

David Anderson, lock and mower repairs	\$ 5 00
Geo. H. Janes, Jr., electrical repairs	25 53
W. B. Emery, repairing chairs	15 55
Warren H. Keay, paint, labor	29 33
J. C. Miller, Jr., printing	100 85
Roy S. White, stock, labor	30 76
Wm. H. Lenox, loam	8 00
Medford Messenger, advertising	12 00
Sinclair Hardware Co., lawn seed, fertilizer, electric bulbs	19 65
Geo. W. Hersey, photo work	3 50
C. H. Tinkham, framing	4 38
E. J. Hervey, flour, Bon-ami, etc.	8 40
D. N. Howard, mantles, electric bulbs	21 30
Page & Curtin, plumbing repairs	34 02
American Library Association, dues	7 00
Mass. Library Club, dues	5 00
Library Art Club, dues	6 00
National Education Association, dues	2 00
Library of Congress, catalog cards	50 00
New England Co., towel supply	19 76
H. R. Hunting Co., shellac, etc.	6 50
H. B. McArdle, pens	16 45
Boston Filter Co., service filter	16 50
W. A. Greenough & Co., directory	4 00
Leon Barritt, pamphlets	2 00
S. H. Couch Co., battery, labor	8 07
Newark Free Public Library, expense packing	10 00
Stone & Forsyth Co., paper	33 41
Franklin Rubber Co., mat	13 50
W. E. Simm, State boiler inspector	6 00
Dimond Union Stamp Works, stamps	2 00
Library Bureau, cards, book case units	89 90
Andrew J. Lloyd Co., metal trimmer	9 00
W. B. Badger & Co., bookcase	18 00
Brown-Howland Co., book pockets	23 40
F. W. Faxon Co., files, etc.	11 56
Maynard & Duncan, repairs	2 25

EXPENDITURES

103

Murphy, Leavens & Co., brushes	\$ 9 27
Office Appliance Co., rental	10 25
L. J. Peabody, cabinet	50 50
Royal Typewriter Co., typewriter	117 60
Sulpho Naphthol Co., sulpho-naphthol	4 90
Talbot Chemical Co., ta-bo	2 94
West Disinfecting Co., sweepine	10 40
	<hr/>
	\$11,517 36

Agencies

Paid:

Charles F. Odams, expressing to agents	\$ 132 00
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
Lincoln Allen, agent at Wellington	9 00
	<hr/>
	\$ 331 00

RELIEF OF POOR DEPARTMENT

Salaries of Overseers of Poor and Secretary

Paid:

Harry N. Brown, chairman, Jan 1 to Feb. 28.	\$ 83 34
John J. FitzGerald, chairman, from Mar. 27..	381 75
George Smardon, secretary, Jan. 1 to June 1..	145 80
George J. Hackett, secretary, from July 1	204 12
James C. D. Clark, member, Jan. 1 to Mar. 1...	8 33

William F. Ryan, member, Jan. 1 to Mar. 1 ..	\$ 8 33
Henry Sterling, member, Mar. 28 to Oct. 14..	27 50
George J. Hackett, member, Mar. 28 to Dec. 31	37 91
Reuben M. Pitman, member, Oct. 29 to Dec. 31	8 74
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	\$ 905 82

City Home

Paid:

Superintendent and Sundry Persons, as per pay rolls	\$ 1,825 40
Yerxa & Yerxa, groceries	36 02
E. J. Hervey, groceries	128 05
John J. O'Connell, groceries	46 05
Est. John A. Morgan, medicines	3 55
John W. Enright, medicines	67 65
Daniel N. Howard, medicines	14 37
J. E. McKeon, medicines	1 50
Washington Sq. Pharmacy, medicines	2 75
D. Sahl, repairing shoes, laces	15 00
P. Reynolds, cheese cloth	6 25
W. E. Gerry, dry goods, clothing	13 20
R. G. Fraser, dry goods	5 34
W. F. Leahy, braces, tobacco	74 25
A. C. Floyd & Son, groceries and provisions...	121 73
A. J. Whittaker, groceries and provisions	53 06
Summer St. Market, groceries and provisions	313 80
Henry Center, provisions.....	43 00
Wm. N. Curtis, groceries and provisions	17 30
Medford Public Market, provisions	5 67
M. Norton & Co., provisions	16 25
Fred F. Walker, onions	5 00
Pierce Fish Market, fish	52 73
Locke Coal Co., coal	1,207 11
L. H. Phelps, grain	112 15
J. N. Cowin & Co., grain	105 35

EXPENDITURES

105

M. & M. Gas Light Co., gas	\$45 91
Malden Electric Co., light	67 07
Medford Water Div., water	62 49
Medford Ice Co., ice, use of horse	233 05
Medford Purchasing Dept., paper	3 63
C. A. Schofield & Son, milk	66 36
P. J. Skerry, painting	15 00
C. H. Hartshorn, harness repairs	2 85
Wm. S. Richards, stove grate, pipe	3 35
Geo. H. Janes, Jr., electrical repairs	6 34
Lorenzo B. Favor, repairing	3 75
Lawrence Farm, services, wood	62 00
Sinclair Hardware Co., hardware, varnish, seeds, phosphate, tools, glass	110 01
Albert H. Tainter, services	5 00
H. F. Walker, shoeing, rubber tires.....	48 38
Mrs. Geo. Enwright, services	4 00
Ralph E. Peak, account books	1 32
Page & Curtin, hardware, labor	96 43
Paul Haley, M. D., professional services	6 00
Medford Pub. Co., advertising	1 00
Page & Curtin, paint, brushes, wire cloth.....	16 93
C. H. Tinkham, lense	75
Robert W. Thorson, cash paid for chicks	2 70
C. B. Gorton, chiffonier	15 00
N. E. Tel. & Tel. Co., rental and tolls	55 20
Public Training Stables, cow	140 00
Mrs. Geo. L. Newhall, cash paid for phone	11 13
Medford Messenger, advertising	25
C. M. Lockwood, horse blankets	7 50
J. J. FitzGerald, cash paid for combs, sundries, phone rental	10 27
David Anderson, sharpening mower	1 00
Geo. L. Newhall, cash paid for hens	37 70
Anderson & Anderson, labor, fertilizer	11 35
J. E. McKeon, spectacles	14 00
P. J. Kelley, Supt., hogs	62 00
E. A. Metcalf, carriage hire	32 00

Earl Sterling, chickens	\$120 00
Dudley Garage, taxi service	2 00
J. C. Miller, Jr., printing	9 25
American Express Co., expressing	2 73
Donoghue's Express, expressing	1 60
Welch's Express, expressing	9 91
Savage's Express Co., expressing	3 88
Batchelder & Snyder Co., hams, sausages, salt fish, meats, margarine	101 36
Armour & Co., canned goods, washing powder, hams, bacon, lard, margarine	291 20
Erwin F. Schroeder, professional services	15 00
A. J. Wilkinson & Co., hardware	6 80
C. H. Symmes, flour, grain	147 50
E. R. Sherburne Co., sugar	63 30
Fairmont Creamery Co., oleomargarine	22 21
Mass. State Prison, clothing, kitchen ware, shoes, brushes	75 68
Mason, Sanborn & Ramsdell Co., groceries	226 96
Empire Coffee Co., tea	25 80
Highland Coal Co., coal	28 50
Jordan Marsh Co., kitchen ware, towels, etc...	26 91
Geo. W. Blanchard & Co., lime	2 00
J. Fullarton & Co., tea, coffee	65 80
Middlesex County House of Correction, brushes, mats	3 87
Wilson & Co., butterine, salt pork	21 78
E. G. Carlson, chickens	10 00
City of Somerville, pig	10 00
Joseph Breck & Sons, seeds	22 40
Western Electric Co., electric bulbs	24 86
Swift & Co., soap	5 50
International Harvester Co., parts	73
Mass. Reformatory, towels, blankets	9 34
L. J. Peabody, card cabinet, cards	4 25
Spaulding & Tewksbury, paper	10 83
C. L. Flaccus Glass Co., jars	23 73
Ames Plow Co., chicks	6 00

EXPENDITURES

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Clark Bros. & Co., potatoes	\$ 20 00
Fowle, Hibbard Co., eggs, butter, beans	60 20
Town of Wilmington, chicks	3 75
Adams, Taylor & Co., supplies	4 25
Reformatory for Women, bedding, clothing..	122 89
James H. Fannon, use of team	8 00
Hobbs & Warren, wire baskets	1 00
P. M. Leavitt Co., sugar	9 45
Kimball & Davis, cow	110 00
J. Cushing & Co., grain	99 78
Thomas W. Pollock, apples, cabbage	21 50
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	\$7,416 75

Outside Relief

Paid:

Widows with dependent children, as per pay rolls	\$ 8,266 50
Sundry Persons, cash allowances.....	1,127 15
E. J. Hervey, groceries	187 00
Yerxa & Yerxa, groceries	126 00
Warren & Torrens, groceries	2 00
Durant & Haushalter, groceries	117 00
Washington Sq. Pharmacy, medicines	8 52
John W. Enright, medicines	16 83
W. F. Plummer, medicines	6 55
Frank C. Uebel, medicines	2 60
W. A. Bowers, medicines	1 15
J. E. McKeon, medicines	35
Daniel N. Howard, medicines	79 90
Est. John A. Morgan, medicines	13 80
H. Bravman, groceries and provisions	72 00
A. J. Whittaker, groceries and provisions	794 75
Simonton's Cash Market, provisions	44 00
Geo. A. Gill, groceries and provisions	4 00
F. H. Lovering, groceries and provisions	170 00

Hugh Carr, groceries and provisions	\$ 20 00
N. A. Johnson, groceries and provisions	234 00
Riverside Market, groceries and provisions ...	234 00
T. D. Collins, groceries and provisions	153 00
Summer St. Market, provisions	15 00
L. E. Ingraham, groceries and provisions	3 00
C. H. Symmes, provisions	1 50
H. P. Hood & Sons, milk	18 30
D. Sahl, shoes, repairing	274 75
H. A. Pinkham, shoes	2 50
Geo. F. Cotting, service to Tewksbury	6 00
Locke Coal Co., coal	277 01
Geo. Smardon, carfares, stamps, extra clerical work	287 75
Dudley Garage, services	53 75
Medford, Special Police, etc., use of auto	15 00
Medford Water Div., wood	5 00
J. J. FitzGerald, carfares, stamps	19 82
D. R. Harvey, rent for house	50 00
G. S. Harvey, rent for house	112 50
Edw. J. Gaffey, burials	25 00
W. S. Sherman, rent for house	180 00
Eva Hazelton, board	141 23
Mrs. M. J. Dillon, board	176 06
Mrs. Field, board	156 36
Mary W. Clark, M. D., board and care.....	72 00
M. H. Williams, board	30 00
Dearborn Hospital, board	352 14
Edith G. Caiger, board	19 19
W. E. Gerry, netting	1 37
Mrs. McGinn, care, blankets	25 00
Frederick N. Beals, burial	30 00
A. A. Ashley, services investigating	30 00
W. J. McClellan, teaming coal	79 25
Lawrence Farm, wood	360 00
Commonwealth of Massachusetts, aid	412 06
State Board of Charity, support	95 03
City of Boston, board	320 60

EXPENDITURES

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City of Salem, board	\$ 21 00
City of Everett, board	249 52
City of Malden, aid rendered	662 75
City of Quincy, aid rendered	257 43
City of Revere, aid rendered	2 00
City of Cambridge, aid rendered	21 60
City of Taunton, aid rendered	26 51
City of Lynn, aid rendered	27 15
Anna M. Starbuck, board	30 00
Susan Coote, board	156 36
Mrs. Ida Whelpley, board	182 50
Elizabeth Cavanaugh, board	136 89
James Brady, board	166 93
Michael A. Carr, board	256 79
Mrs. F. M. Croft, board	156 36
Mrs. White, board	21 96
Salvation Army, board and care	131 00
Mass. Hospital School, board	403 43
Somerville Hospital, board and care	158 65
Mass. General Hospital, board, etc.	34 15
Middlesex Hospital, board	27 50
Malden Hospital, board and care	99 00
Mass. Homoeopathic Hospital, board	81 00
Union Ave. Hospital, board, care	105 50
Mass. State Prison, shoes, hose, etc.	21 44
Reformatory for Women, bedding, clothing..	23 82
Middlesex County House of Correction, brooms	1 59
W. A. Greenough & Co., directory	4 00
Pomeroy Co., belt	5 25
Wm. H. Boodro, M. D., professional services ..	6 00
Mass. Reformatory, blankets	4 50
Eastern Drug Co., malted milk	9 00

 \$18,819 85

REPORT OF CITY AUDITOR

City Home Repairs

Paid:

Page & Curtin, repairing refrigerator, etc.	\$ 21 00
J. E. Sweeny, carpentry	79 00
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	\$ 100 00

SCHOOL DEPARTMENT**Salary of Secretary**

One year to Jan. 1, 1919

Paid:

Joseph C. Smith	\$ 300 00
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Salary of Superintendent

One year to Jan. 1, 1919

Paid:

Fred H. Nickerson	\$ 3,280 00
State Teachers' Retirement Board	100 00
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	\$ 3,380 00

Medical Inspection

Paid:

Edward W. Barrett, M. D.	\$ 200 00
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EXPENDITURES

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Salaries of Teachers, Substitutes and Clerks

Paid:

Sundry Persons, as per pay rolls	\$175,068 27
State Teachers' Retirement Board	5,937 09
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	\$181,005 36

Stewardship, including Truant Officer

Paid:

Engineers, Stewards and Officer, as per pay rolls	\$16,871 20
The Buildings Care Co., cleaning windows....	128 80
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	\$17,000 00

Fuel

Paid:

Locke Coal Co., coal	\$14,293 82
Standard Charcoal Co., charcoal	259 20
C. L. Hoffman & Son, wood	240 00
Wellington & Buck Co., coal	2,941 82
Medford, Gen'l Repairs of Highways, team- ing	102 88
R. R. Bunnell & Co., coal	100 00
American Oil Co., coal	94 16
Wm. H. Lenox, teaming coal	91 50
James H. Fannon, wood	67 50
S. P. Burton & Co., coal	526 73
Page & Curtin, saw	85
J. E. Ober & Son, coal	2,292 09
John A. Gaffey, teaming wood	123 00

Boston & Maine R. R., freight	\$ 111 92
J. M. Forbes, wood	1,027 33
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	\$22,272 80

General Expenses

Paid:

N. E. Tel. & Tel. Co., rental and tolls	\$ 473 06
McClellan's Express, expressing	217 20
Ball's Express, expressing	10 15
Welch's Express, expressing	11 69
Donoghue's Express, expressing	5 48
Savage's Express, expressing	18 49
American Express Co., expressing	15 04
Boston & Maine R. R., freight	2 09
Malden Electric Co., light	521 74
M. & M. Gas Light Co., gas	85 57
J. C. Miller, Jr., printing	60 75
Medford Police Dept., services	2 00
Medford Pub. Co., reports, directories	92 00
Annie I. Letson, cash paid for stamped envelopes, stamps, post cards	160 88
Albert Vye, carfares	6 85
Dudley Garage, supplies, storage	20 05
Yerxa & Yerxa, rock salt	35
Miriam F. Remele, stamped envelopes	45 94
Warren & Torrens, oil	65
J. E. Ober & Son, oil	1 60
Wm. N. Curtis, oil	80
Sinclair Hardware Co., hardware, hose, ladders, barrels, brushes, pails, etc.	249 04
C. W. M. Blanchard, engrossing diplomas	36 70
Page & Curtin, labor, rope, etc	49 46
A. C. Floyd & Son, oil	75
R. G. Fraser, bunting, crash, ribbon	4 36
Warren H. Keay, shellac, oil, etc	6 55

EXPENDITURES

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Frank Hathaway, repairing mowers	\$ 21 09
F. B. Miller, laundry work	8 75
H. F. Staples & Co., floor wax, polish	249 80
Charles F. Odams, expressing books	31 80
James D. Howlett, expense looking up teachers	3 86
James W. Poole, Inc., zincs	1 19
American Bank Note Co., diplomas	145 00
Waldo Bros., plaster, lime	3 35
Edw. E. Babb & Co., general school supplies..	56 25
Stanadrd Electric Time Co., labor, ribbon....	14 38
A. & E. Burton Co., floor brushes	3 59
Brown-Howland Co., folders, cards	46 21
Braman, Dow & Co., valves, unions, bends	38 42
Perkins Institute, care of pianos	115 00
Geo. T. Johnson Co., paper	112 50
Middlesex County House of Correction, mats, brooms	52 50
Badger Fire Extinguisher Co., extinguisher ..	12 50
Royal Typewriter Co., adjusting	4 90
Wright & Potter Printing Co., printing	4 00
Adams, Cushing & Foster, stationery	16 35
Library Bureau, cards	54 63
Heywood Bros. & Wakefield Co., furniture...	788 50
Middlesex County, support at Training School	261 86
City of Malden, tuition	240 00
Mason, Sanborn & Ramsdell Co., soap, etc....	13 10
Chas. J. McCarty & Co., coal scoops, ash hoe ..	4 71
Underwood Typewriter Co., repairing	3 44
Margaret Dale, floor mops	5 31
Harold C. Spencer, engrossing diplomas	47 80
Gulf Refining Co., kerosene, gasoline	1 77
Somerville Brush Co., brushes	15 29
Western Electric Co., bulbs, batteries, sal- ammoniac	105 36
P. & F. Corbin, keys	99
Vera Chemical Co., soap powder	17 20
Geo. W. Blanchard & Co., lumber	2 82

Allen Shade Holder Co., cords	\$ 8 55
Amigraph Supplies Co., stencil paper, ink	8 44
West Disinfecting Co., disinfectant	8 75
Mrs. Alice W. Pearmain, reading lists	1 50
Mass. State Prison, pails, ash cans	34 60
F. S. Webster Co., binders	7 00
Eagle Oil & Supply Co., scoop	1 80
Boston Engineer's Supply Co., oil	2 19
A. M. Morton & Co., hardware, plugs	83 03
Frank W. Kimball & Co., metal polish	2 00
Boston Feather Duster Co., dusters	18 14
Kenney Bros. & Wolkins, general supplies	30 40
Imperial Brush Co., brushes, sweepers	143 17
John Taylor Dixon, steel stamps, ink	25 80
Ta-bo Chemical Co., ta-bo	1 50
John Carter & Co., paper	3 22
Herwitz Bros., cards, envelopes	7 90
W. N. Campbell, cards	39 45
Universal Refining Co., oil	16 50
White & Leahy, sawdust	3 85
Joseph Dixon Crucible Co., paint	20 50
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	\$5,071 75

Repairs—School Department

Paid:

William S. Richards, supplies and repairs on heater, plumbing repairs	\$ 1,014 48
L. C. Poor, repairing flags	10 42
David Anderson, labor on lock	25
L. G. Tyler, carpentry	862 53
Geo. S. T. Fuller, expenses for committee.....	130 00
L. H. & F. W. Lovering, carpentry	13 12
W. B. Emery, shade fixtures, chair repairs....	88 87
Medford, Gen'l Repairs of Highways, labor..	70 14
John A. Kane, pipe, tees, valves, etc.	25 30

EXPENDITURES

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C. H. Tinkham, clock, repairing	\$ 56 50
Page & Curtin, hardware, repairs on heating plants, plumbing	1,060 78
Wm. E. Ober, electrical supplies, labor	29 10
Soderlund Mfg. Co., glazing	202 00
Sinclair Hardware Co., glass, screws, etc.....	12 34
Warren H. Keay, painting	2 84
Medford Water Div., labor	20 55
Anderson & Anderson, repairs, supplies	252 14
D. H. Prescott, labor on steam plants	54 00
John H. Byron, mason work	85 60
Medford Sewer Construction, labor, etc.	14 34
Dugmore & Duncan, labor on door checks	9 60
Woburn Iron Foundry, grate bars	13 50
Braman, Dow & Co., plugs, valves, pipe	67 72
Standard Electric Time Co., adjusting, etc.....	13 46
Roberts Iron Works, labor, carfares	51 15
Huey Bros. Co., repairs, supplies	847 16
Reformatory for Women, flag	61 69
Golding Mfg. Co., printing supplies	50
Badger Fire Extinguisher Co., extinguisher...	9 52
Johnson Service Co., repairs, etc.	93 07
Geo. W. Blanchard & Co., lumber	2 89
Powers Regulator Co., repairing system	20 16
A. M. Morton & Co., valves	6 00
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	\$5,201 72

Text Books and Supplies

Paid:

A. W. Drew, supplies for cooking classes	\$ 20 33
Yerxa & Yerxa, supplies for cooking classes ..	112 80
P. Volpe & Sons, supplies for cooking classes...	1 20
Pierce Fish Market, supplies for cooking classes	2 81
E. J. Hervey, supplies for cooking classes....	20 27
Medford Ice Co., ice	9 80

W. C. Miles Co., lathe work	\$ 1 00
Sinclair Hardware Co., kitchen ware, manual training supplies	37 05
J. C. Miller, Jr., printing	9 00
Lillian R. Edmands, biology supplies	19 25
Page & Curtin, manual training supplies	5 35
R. G. Fraser, ribbon, cheese cloth	129 61
Ralph E. Peak, bill heads	3 50
American Express Co., expressing	55
Milton Bradley Co., drawing supplies	515 92
Boston Paper Board Co., paper	497 18
Edw. E. Babb & Co., general school supplies ..	3,371 20
Amigraph Supplies Co., ink, stencil paper ...	29 30
Atkinson Mentzer & Co., plan forms, covers,...	76 60
Kenney Bros. & Wolkins, general supplies ...	24 65
Eastern Drug Co., laboratory supplies	183 16
John Carter & Co., paper	130 61
Heywood Bros. & Wakefield Co., inkwells ...	2 00
Clapp & Tilton Co., millinery supplies	57 26
American Type Founders Co., printing supplies	27 56
Jordan, Marsh Co., dry goods, kitchen ware ...	108 63
Oliver Ditson Co., music	13 08
E. E. Hayes Co., typewriter ribbons	72 00
Wards, paper	6 25
A. Storrs & Bement Co., cardboard	3 20
J. L. Hammett Co., general supplies	291 49
Underhill Bros., grinding tools	3 92
Underwood Typewriter Co., repairs, covers ...	8 45
George Watson, binding books	10 50
L. E. Knott Apparatus Co., laboratory supplies	2 06
Royal Typewriter Co., covers, shields, etc....	12 30
Geo. W. Blanchard & Co., lumber	335 96
Scientific Materials Co., laboratory supplies..	208 32
Hopkinson & Holden, preserving cans	6 33
Chas. W. Homeyer & Co., pitch pipes	8 50
Remington Typewriter Co., covers, etc.	10 04
Neostyle Sales Agency, paper	31 50

EXPENDITURES

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Arthur P. Schmidt Co., music	\$ 4 00
Carl Fischer, music	3 60
Chandler & Barber, tools	6 89
Whitall, Tatum Co., laboratory supplies	10 80
Mass. Agricultural College, circulars	1 10
D. C. McIntosh Pub. Co., tables	13 27
Western Electric Co., sundries	1 27
F. J. Barnard & Co., binding books	455 25
D. C. Heath & Co., books	235 08
Little, Brown & Co., books	77 05
American Book Co., books	1,449 13
Benj. H. Sanborn & Co., books	158 65
Ginn & Co., books	498 30
Allyn & Bacon, books	83 30
Houghton, Mifflin Co., books	354 30
Charles Scribner's Sons, books	95 02
Gregg Pub. Co., books	40 70
The Macmillan Co., books	87 02
Silver-Burdett & Co., books	76 67
D. Appleton & Co., books	12 50
Whitecomb & Barrows, books	14 52
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	\$10,098 91

Evening School

Paid:

Sundry Persons, as per pay rolls	\$ 637 00
Medford Pub. Co., advertising	5 00
J. C. Miller, Jr., printing posters	7 00
Medford Police Dept., services	4 00
Edw. E. Babb & Co., general supplies	25 47
American Book Co., books	20 43
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	\$ 698 90

SEALER OF WEIGHTS AND MEASURES

Salary of Sealer

One year to Jan. 1, 1919

Paid:

Winslow Joyce	\$700 00
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Expenses of Sealer of Weights and Measures

Paid:

N. E. Tel. & Tel. Co., rental	\$ 25 24
Charles Guptill, assisting sealer	4 00
A. A. Samson, assisting sealer	3 00
Otis Shurrocks, assisting sealer	18 80
Sidney Hogan, assisting sealer	5 00
George F. Orr, assisting sealer	15 00
A. H. Tainter, assisting sealer	3 00
Medford Pub. Co., copies of report	6 00
Winslow Joyce, cash paid for carfares, stamps, office supplies	29 30
Sinclair Hardware Co., can, kerosene	3 25
L. M. Sheldon, typewriting	2 90
Geo. H. Janes, Jr., batteries, etc.	14 30
E. J. Hervey, kerosene	85
J. C. Miller, Jr., envelopes, printing	20 50
Page & Curtin, hardware, oil	30 45
Soderlund Mfg. Co., kalsomining	15 00
Henry Center, use of truck	6 00
E. A. Metcalf, horse hire	52 50
Medford Inn Stables, horse hire	16 00
W. J. McClellan, teaming	1 50
Savage's Express Co., expressing	1 05

EXPENDITURES

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W. A. Greenough & Co., directory	\$ 4 00
Oliver Typewriter Co., typewriter	44 10
Hobbs & Warren, office supplies	38 45
H. B. McArdle, inkstand	1 50
Scale Journal Pub. Co., subscription	2 00
Wm. Leavens & Co., table	4 00
Priest, Page & Co., scale	20 40
W. & L. E. Gurley, weights	89 57
R. Woodman Mfg. & Supply Co., steel stamps..	12 40
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	\$490 06

TREASURY DEPARTMENT

Salary of City Treasurer

One year to Jan. 1, 1919

Paid:

Edward A. Badger,	\$2,000 00
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Treasury Department Expenses

Paid:

J. C. Miller, Jr., envelopes, printing	\$ 85 90
Edward A. Badger, carfares, postage	11 72
Cradock Garage, rent of car	18 00
N. E. Tel. & Tel. Co., rental	22 07

Adams, Cushing & Foster, account books	\$ 13 80
Wards, envelopes	5 80
American Bank Note Co., check books	16 50
Hobbs & Warren, account book	4 00
American Express Co., expressing	32
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	\$ 178 11

WATER AND SEWER DEPARTMENT

Salaries of Commissioners

One year to Jan. 1, 1919, unless specified.

Paid:

Eugene F. Irwin, Jan. 1 to Jan. 7	\$ 94
Patrick Kearins, Jan. 1 to Mar. 1	8 33
John D. Dwyer	50 00
Peter A. McDonald, Nov. 13 to Dec. 31	6 67
Robert E. Ferguson, Dec. 9 to Dec. 31	3 09
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	\$69 03

Brooks and Streams

Paid:

Workmen, as per pay rolls	\$ 255 98
Medford Sewer Construction, erroneous charge on pay roll	5 04
D. Sahl, repairing rubber boots	3 45
Hill & Hill, rubber boots	32 00
	<hr/>
	\$ 296 47

Sewer Construction

Paid:

Workmen, as per pay rolls	\$2,603 25
Medford Engineering Dept., labor, carfares..	255 30
Medford Water Div., stable expense	170 60
Grant & Moland, filing saws	2 40
Sinclair Hardware Co., bolts	1 86
Geo. Skinner, repairing canvas covers	8 00
E. J. Hervey, chloride of lime	90
Boston & Maine R. R., freight	135 54
Eastern Clay Goods Co., cement	502 32
T. H. Lord, filing saws	40
Geo. W. Blanchard & Co., lumber	284 56
Chas. J. McCarthy & Co., tools, wheelbarrows..	145 65
Spiers Brick Co., brick	86 00
Standard Oil Co., oil	49 90
Edson Mfg. Co., diaphragms	15 00
Waltham Forge, resteeing picks	84 17
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	\$4,245 85

Sewer Maintenance

Paid:

Workmen, as per payrolls	\$1,436 55
Perrin, Seamans & Co., oiled clothing, rubber mittens	39 71
Stone & Forsyth, rope	38 38
Chas. J. McCarty & Co., rods	15 00
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	\$1,529 64

Water Service

Paid:

Workmen, as per payrolls	\$38,189 00
Fred L. Cushing, Water Registrar, salary, one year to Jan. 1, 1919	1,800 00
Fred L. Cushing, Clerk of Board, salary, one year to Jan. 1, 1919	204 00
Fred L. Cushing, cash paid for cleaning office, recording papers, carfares	69 04
Henry F. Hughes, acting Superintendent, salary, one year to Jan. 1, 1919	1,787 50
Medford Engineering Dept., labor, blue prints	270 83
Medford Police Dept., services	7 50
Medford Ice Co., use of horses, ice	697 08
Medford Purchasing Dept., paper	3 63
Medford Pub. Co., copies of report	12 00
Medford Post Office, stamps, envelopes	134 46
N. E. Tel. & Tel. Co., rental and tolls	133 38
American Express Co., expressing	42 89
Ball's Express, expressing	11 30
Boston and Maine R. R., freight	35 06
Welch's Express, expressing	19 49
Donoghue's Express, expressing	3 17
Malden Electric Co., light, thawing	3,636 32
M. & M. Gas Light Co., gas	5 66
J. C. Miller, Jr., tags, printing	234 05
Wm. H. Casey, use of team	12 00
E. J. Hervey, salt, soap	6 40
Locke Coal Co., coal	314 45
Sinclair Hardware Co., hardware, paint, batteries, tools, lantern globes, etc.	110 19
Teel Mfg. Co., auto parts, repairs	60 10
Abby E. Teel, refund	1 50
E. Teel & Co., wagon repairs	33 20
E. Teel & Co., auto dept., motor repairs, etc....	46 65
Anthony Zacher, chains, tires, repairs	875 08

EXPENDITURES

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Wm. H. Lenox, cinders	\$ 18 00
W. C. Miles Co., milling, tail board	2 50
H. F. Walker, shoeing, repairing tools	343 43
E. W. Barrett, M. D., professional services....	1 50
Robert Burrows, filing saws	16 50
J. N. Cowin & Co., grain	76 69
C. H. Tinkham, blank books, etc.	3 20
Wellman Co., making parts	40
John W. Enright, drugs	5 10
Lane's Cafe, food	5 35
D. N. Howard, distilled water	30
L. H. Phelps, hay, grain	337 91
J. E. Sweeny, labor, sundries	210 00
L. E. Fitzpatrick & Co., labor, sundries	143 35
C. H. Hartshorn, harness repairs	48 50
Warren H. Keay, paint, oil, etc.	54 70
Medford Hillside Garage, tires	219 70
John A. Gaffey, use of roller, stone	23 25
Ralph E. Peak, blotters	2 00
E. B. Thorndike & Son, envelopes, printing ..	122 50
Louis G. Bragdon, repairing concrete	26 90
Grant & Moland, filing saws	1 00
Winslow Joyce, sealing scales	1 24
Mrs. J. A. M. Mott, for water damage	15 45
W. T. Shannon, typewriter supplies	50
W. P. Tobey Auto & Supply Co., towing	5 85
F. W. Woolworth Co., screw drivers	60
Page & Curtin, hardware	10 62
Ames Plow Co., tilting wheel, tools	55 36
Boston Engineers' Supply Co., axes, saws	259 37
Braman, Dow & Co., pipe, tees	18 53
Harold L. Bond Co., repairing	3 10
Cadillac Automobile Co., parts, repairs	77 81
Burbank Thawing Machine Co., parts	88
Chadwick-Boston Lead Co., thawing tube, lead, pipe, bushings	830 79
Wm. H. Gallison Co., couplings, valves	113 05
Hersey Mfg. Co., meter parts, repairing	553 28
Coffin Valve Co., leathers, bolts, nuts	12 55

G. H. Dyer Co., refund, rings	\$ 2 05
Kelly-Springfield Motor Truck Co., parts	119 28
Chase, Parker & Co., duck tools, drill	35 23
Kennedy Valve Mfg. Co., valves, hydrants	460 21
Ludlow Valve Mfg. Co., hydrant post	24 00
H. Mueller Mfg. Co., gaskets	20 79
Ruilters' Iron Foundry, sleeves, bends	183 04
Neptune Meter Co., meter parts	483 87
Kelly-Springfield Tire Co., tire	40 98
Chas. J. McCarty & Co., road rakes, pails	96 96
A. M. Morton & Co., couplings, unions, pipe ..	562 17
Joseph Palmer, motor repairs	40 75
Gamon Meter Co., meters	240 50
Lead Lined Iron Pipe Co., pipe, ells	925 39
Perrin, Seamans & Co., tools, pails	40 80
Pittsburgh Meter Co., meters	22 00
Wm. J. McCarthy Co., crushed stone	60 64
Davis & Farnum Mfg. Co., plugs	16 32
Rensselaer Valve Co., bolts, etc.	8 86
Richardson & Clement, die stocks, wheels	38 40
Eisner-Lenk Co., electrical repairs, etc.	21 35
Gibby Foundry Co., service box parts	105 12
James W. Poole, Inc., electric bulbs	2 70
Standard Oil Co., gasoline, oil	1,662 92
Sumner & Gerald, washers	42 25
Thomson Meter Co., repairing meters	198 85
Universal Refining Co., grease	6 00
Union Water Meter Co., couplings, repairs	76 01
Vacuum Oil Co., mobiloil	113 96
Western Electric Co., flash light supplies, etc.	18 98
K. Woodman Mfg. & Supply Co., dies seals ..	55 17
Walworth Mfg. Co., nuts, valves, cocks	30 65
Winchester Rock & Brick Co., stone	70 59
F. W. Webb Mfg. Co., sundries	3 31
Oliver Whyte Co., wire	8 52
Worthington Pump & Machinery Co., me- ter parts	11 06
Eddy Valve Co., valves	197 76
Chapman Valve Mfg. Co., parts	4 90

EXPENDITURES

125

Crosby Steam Gage & Valve Co., charts	\$ 5 00
Geo. E. Gilchrist Co., electric leak locator	90 00
Chandler & Farquhar Co., tools	2 37
Commonwealth Oil Co., oil	3 70
Stewart-Warner Speedometer Corp., repairs	1 00
Adams, Cushing & Foster, office supplies	27 52
T. Libby & Co., trucking boiler	15 00
N. E. Coal & Coke Co., coke	206 40
W. H. Winship, trunk	20 00
Hill & Hill, rubber boots, salt bricks, etc.	159 75
McKenney & Waterbury Co., desk lamp	7 50
N. E. Oil, Paint & Varnish Co., paint	12 26
Stickney & Montague, billing machine, etc. ..	253 25
W. A. Greenough & Co., directory	4 00
Malden Veterinary Hospital, services	6 00
U. S. Rubber Co., washers	5 06
Wakefield Tire Co., tires	128 80
Zinn, the Florist, flowers	41 00
L. E. Vincent, coal	75 00
Geo. W. Blanchard & Co., lumber	96 91
The Wilkins Press, duplicate books	9 40
C. M. Kimball Co., metal polish	7 34
Means & Thatcher, paint, creosote	135 90
Middlesex County House of Correction, brooms	5 61
Wards, pens	5 35
American Tar Co., tarife	22 50
H. I. Dallman Co., mats	11 45
Underwood Typewriter Co., cushion keys	3 50
Boston Publishing Co., advertising	3 00
John Carter & Co., paper	1 94
J. M. Forbes, cord wood	100 00
City of Malden, water used	4 04
Winchester Transfer Assn., hauling stone....	30 50
Baker-Vawter Co., book leaves	19 85
H. E. Ellms Co., frames, window	45 50
W. N. Campbell, index cards, etc.	7 30
Mason, Sanborn & Ramsdell Co., soap	5 00
Asahel Wheeler Co., paint	6 66
Boston Woven Hose & Rubber Co., couplings ..	2 72

Robbins Spring Water Co., spring water	\$ 1 05
Frank E. Wood, pens	2 00
J. Cushing & Co., grain	85 68
Engineering News-Record, subscription	5 00
Thomas Leighton, Jr., recording	9 50
Mass. Highway Comm., registration fees	21 00
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	\$60,412 34

Departmental Equipment

Paid:

Workmen, as per payrolls	\$ 446 63
Boston & Maine R. R., freight	42
Sinclair Hardware Co., screws, tools	6 97
Page & Curtin, sundries	1 08
Gamewell Fire Alarm Tel. Co., fire boxes	1,375 00
John Lucas & Co., paint	17 26
Chas. H. Gaffney, use of truck	106 21
Welch's Express, expressing	79
Oliver Whyte Co., iron supports	8 22
A. E. Griffen, storage rent	12 00
H. F. Walker, irons	1 80
Geo. W. Blanchard & Co., lumber	12 95
American Express Co., expressing	66
Stuart-Howland Co., wire, pins, bolts	73 53
Troy Bros. & Co., slate	18 00
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	\$2,081 52

Underground Connections

Paid:

Geo. H. Janes, Jr., fuses, conduit	\$ 6 33
Gamewell Fire Alarm Tel. Co., shells, castings, post, gongs	161 31
E. E. Papkee, gong	10 00
W. J. McClellan, expressing	1 25

EXPENDITURES

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Chas. H. Gaffney, use of truck	\$13 79
Boston & Maine R. R., freight	46
Western Electric Co., wire	33 84
Savage's Express, expressing	25
Welch's Express, expressing	53
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	\$227 81

Repair Shop—Fire Department

Paid:

M. M. Dyer, on general contract, and plumbing and heating	\$6,301 87
M. A. Dyer, architectural services	122 44
Houghton & Dutton Co., blankets	29 16
William Leavens & Co., rugs, furniture, beds, mattresses, pillows	432 16
Gamewell Fire Alarm Tel. Co., on contract ..	5,840 00
Stuart-Howland Co., wire, sundries	15 77
Geo. H. Janes, Jr., bells, sundries	8 55
W. C. Miles Co., lumber, milling	52 75
Wm. H. Lenox, grading, extra work	288 75
A. F. Dyer, flue, pipe, etc.	43 60
M. & M. Gas Light Co., installing service	6 80
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	\$13,141 85

On Special Appropriation

Paid:

Sinclair Hardware Co., bolts	\$ 1 47
Wm. Leavens & Co., furniture, etc.	11 93
Champion Bros., stock, labor	53 60
W. C. Miles Co., posts, rail, shelf	47 85
M. B. Foster Electric Co., labor, materials	12 20
Gamewell Fire Alarm Tel. Co., gong, transmit- ter, wheels, etc.	59 00

Chas. H. Walley, painting, etc.	\$19 40
Western Electric Co., supplies	5 02
Oliver Whyte Co., wire guards	36 00
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	\$246 47

Food Production and Conservation

Paid:

Hopkinson & Holden, can	\$ 2 83
Geo. A. Gill, sundries, carfares	17 70
Geo. A. Gill, salary as garden supervisor	600 00
Geo. A. Gill, use of automobile	125 00
Norris Morrissey, plowing	139 50
Herbert Kelley, plowing, harrowing	131 25
Wm. H. Lenox, plowing, harrowing	90 50
Edith M. Foster, supervisor children's gardens	160 00
E. B. Thorndike & Son, printing	43 00
Medford Pub. Co., printing	5 50
Wm. N. Curtis, cash paid for plowing	55 00
Sinclair Hardware Co., tools, seeds	68 98
Joseph Breck & Sons, seeds	33 93
Laura P. Patten, bean poles, expenses	42 61
W. F. Craig, lecture on vegetables	10 20
Winnifred Partridge, supervising children's gardens	80 00
Josephine Welsh, supervising children's gar- dens	80 00
Harry E. Gifford, oil cloth, sign	7 75
Jordan, Marsh Co., dryer, canning supplies ..	16 19
Welch's Express, expressing	2 37
Medford Historical Society, prizes, and print- ing for War Garden Exhibit	24 00
Medford School Dept., gas used	2 85
Doris Lawton, canning assistant	18 00
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	\$ 1,757 16

Fuel Administration Expenses

Paid:

W. N. Campbell, steel filing cases	\$ 69 90
Medford Pub. Co., printing fuel cards, circulars, letter heads	76 50
American Express Co., expressing	1 23
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	\$ 147 68

War Emergency

Paid:

Talbot Co., military equipment	\$587 65
Iver Johnson Sporting Goods Co., cots, belt hooks, revolvers	466 50
H. A. Pinkham, shoes	84 75
F. W. Norris & Co., Agts., part rental of No. 11, High St.	9 13

On 1917 Balance for Public Safety

Paid:

Alice Bearse, stenography	\$ 58 31
James A. Cotting, secretary, salary	25 00
Cradock Garage, services	10 00
James A. Cotting, cash paid for stamps	16 00
James A. Cotting, cash paid for sundries	45
New England Co., towel service	1 00
N. E. Tel. & Tel. Co., rental	20 86
Malden Electric Co., light	1 40
Remington Typewriter Co., rental	8 00
Harry E. Gifford, signs	4 00
Medford Sq. Garage, gasoline, oil	11 18
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	\$1,334 23

Public Safety

Paid:

James A. Cotting, Secretary to July 11	\$ 600 00
James A. Cotting, cash paid for sundries	10 68
Alice Bearse, stenography, stamps	697 59
Charles H. Loomis, Secretary from July 15	583 33
David Anderson, lock repairs, key	2 50
Sinclair Hardware Co., brushes, bulbs	4 84
J. G. Johnston Co., hand stamps, pads	6 45
C. H. Loomis, cash paid for stamps	19 53
D. W. Johnson, cash paid for socks, mitts	54 67
Est. John A. Morgan, electric bulbs	1 45
W. J. McClellan, moving furniture	3 00
Medford Pub. Co., printing	57 25
Malden Electric Co., light, lamps	32 12
New England Co., towel service	6 85
N. E. Tel. & Tel. Co., rental and tolls	129 83
Ralph E. Peak, office supplies	4 91
H. W. Telfer, screens, door	17 48
Adams, Cushing & Foster, supplies	4 06
Wards, office supplies	10 10
E. B. Thorndike & Son, reprints	3 00
F. W. Norris & Co., Agts., office rent	265 87
Kemington Typewriter Co., rental, supplies ..	42 75
Denison, Pratt Paper Co., paper	8 00
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	\$2,566 26

CITY AUDITOR'S STATEMENT

From the beginning of the Financial Year, January, 1, 1918, to December 31, 1918.

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
Aldermen's Contingent ....app.	\$1,400.00			\$1,400.00	\$550.00	\$830.00	\$19.71	
Armory .....app.	1,100 00		\$900.00	2,000.00		2,000.00		
Board of Survey { Bal.	15.00							
App.	200.00		15.00	230.00			230.00	
Bonds of City Officials (Pre- miums) .....App.	400.00	\$44.25		444.25		444.25		
Charles River Basin Assmt warrant	3,011.69			3,011.69		3,011.69		
Claims .....App.	1,883 34	2,154 20		4,037.63		4,037.63		
City Hall (construction) ...Bal.	98,270.85			98,270.85			98,270.85	
City Hall (expenses) .....App.	5,500.00			5,500.00		5,402.15	7.85	
Decoration and care of Fire- men's and Soldiers' Graves, App.	450 00			450.00		450.00		
Departmental Equipment ..Bal.	10,314.07			10,314.07	8,000.00	2,081.52	232.55	
Emergency Overdraft					26,350.00			26,350.00
Fire Prevention Tax, ..warrant	368 84			368.84		368.84		

CITY AUDITOR'S STATEMENT—Continued.

NAME OF ACCOUNT	Appropriations, Balances, Assessments	Transfers from other Accounts	Receipts	Total Amount Credited	Transfers to other Accounts	Expended to date	Unexpended Balances	Excess
Food Production and Conservation	2,000.00		142.75	2,142.75	370.59	1,757.16	15.00	
Fuel Administration Expenses								
App.	250.00			250.00		147.08	102.32	
Hancock Ave. Schoolhouse Bal.	128.02			128.02		32.49	95.53	
High Schoolhouse Addition..Bal.	2,959.25			2,959.25		402.50	2,556.75	
Income from Trust Funds..Bal.	102.50		1,187.77	1,350.27		1,191.95	158.32	
Insurance	281.89							
{ App.	25,000.00		40.64	25,322.53		23,732.29	1,590.24	
Interest, including certification of Notes	96,500.00		21,047.78	117,547.78	8,748.88	108,491.26	307.64	
Interest on the Water Debt, Bal	2,485.46		5,699.23	8,184.69		5,680.00	2,504.69	
Junior High Schoolhouse	55,000.00							
{ App.	27,249.83			82,249.83		64,684.11	17,565.72	
{ Bal.	16,776.54			16,776.54		16,776.54		
Metropolitan Park Tax..warrant								
Metropolitan Sewer Tax								
warrant	31,120.13			31,120.13		31,120.13		
Metropolitan Water Tax.....		36,487.21		36,487.21		36,487.21		
Middlesex County Tax..warrant	34,670.62			34,670.62		34,670.62		

Miscellaneous Account ... App.	3,000.00	387.56	155.00	3,542.56		3,539.83	2.73	
Miscellaneous Credits		2,173.14	91,789.75	93,962.89	88,814.63	{ *3,454.05		4,309.02
Osgood Schoolhouse	Bal. 97.68		95.00	192.68		{ 6,094.13		
Payment of City Debt .. { Bal.	33,906.11					75.00	117.68	
Public Safety	App. 84,400.00	18,808.10	242,771.58	379,885.79	1,637.53	356,789.30	21,458.96	
Red Cross Unit	App. 2,500.00	370.59	6.74	2,877.33		2,566.26	311.07	
Rental G. A. R. Hall	App. 400.00	200.00		200.00		82.61	117.39	
Salaries	App. 7,140.32	150.00		7,290.32		400.00		
Schoolhouses	App. 10,000.00			10,000.00		7,224.12	66.20	
Sinking Funds	App. 12,800.00			12,800.00		1,069.98	8,930.02	
Soldiers' Relief	App. 3,400.00	178.96		3,578.96		12,800.00		
State Tax	warrant 69,960.00			69,960.00		3,578.96		
State Highway Tax... warrant	389.20			389.20		69,960.00		
Street Betterments ... { Assmt.	12,906.98					389.20		
Trade Schools	Bal. 1,088.04			13,995.02	17,283.77			3,288.75
War Emergency	App. 800.00		800.38	1,600.38		1,451.02	149.36	
Wellington Bridge Assmt	Bal. 1,361.74		186.20	1,547.94		1,334.23	213.71	
	warrant 4,616.41			4,616.41		4,616.41		
Assessing Department								
Salaries of Assessors	App. 3,000.00			3,000.00		3,000.00		
Assessors' Expenses	App. 3,690.00	1,500.00		5,190.00		5,190.00		
Auditing Department								
Salary of City Auditor ... App.	2,000.00			2,000.00		2,000.00		
Expenses, Books, Printing, etc.	App. 475.00			475.00		420.00	54.01	

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
Printing Reports (binding, etc.)								
App.	600.00			600.00		552.97	47.03	
Cemetery Department								
Salaries of Trustees	200.00			200.00		175.00	25.00	
Care of Cemeteries			14,088.65	14,088.65		12,551.50	1,537.15	
City Clerk's Department								
Salary of City Clerk	2,000.00			2,000.00		2,000.00		
Expenses, including Assistant								
App.	2,500.00			2,500.00	150.00	2,346.57	3.43	
Election Expenses	3,000.00	700.00		3,700.00	250.00	3,447.60	2.40	
Printing and Advertising Ordina- nances	50.00	50.00		100.00		94.44	5.56	
Reporting and Recording Births and Deaths	500.00	200.00		700.00		697.12	2.88	
State Aid			14,598.80	14,598.80		{ *9,571.21		
						{ 37,867.78		32,840.19

Collecting Department							
Salary of City Collector ... App.	2,000.00			2,000.00		2,000.00	
Expenses, including Clerks, App.	3,100.00	2,062.69		5,162.69		5,162.69	
						(*5,186.73	
Estates bought at sale for taxes			400.84	400.84		(1,699.28	6,485.17
Electrical Department							
Salary of Supt. of Wires and Gas Fitting App.	1,500.00			1,500.00		1,500.00	
Electrical Department Expenses App.	360.00		262.00	622.00		615.91	6.09
Fire and Police Signal Service App.	400.00	9.58		409.58		409.58	
Street Lights App.	25,500.00			25,500.00	110.28	25,314.40	75.32
Underground Connections .. Bal.	227.81			227.81		227.81	
Salary of Lineman App.	700.00	10.00		710.00		710.00	
Engineering Department							
Salary of City Engineer. . . App.	1,950.00			1,950.00		1,950.00	
Engineer'g Dept. Expenses, App.	1,500.00		1,257.74	2,757.74		2,753.62	4.12
Fire Department							
Salaries of Firemen App.	46,370.34		19.86	46,390.20	2,200.00	44,188.77	1.43
Ordinary Expenses including Telephones App.	3,700.00	2,200.00	118.17	6,018.17		6,009.94	8.23
Repair Shop Bal.	13,224.83	246.47		13,471.30		13,388.32	82.98
Repairs to Fire Dept. Bldgs.		500.00		500.00		252.29	247.71
Boiler		325.00		325.00		322.50	2.50

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
Health Department								
Salaries of Board of Health								
App.	350.00			350.00		350.00		
Salaries of Inspectors....	2,250.00			2,250.00		2,187.50	62.50	
Health Department Expenses, including Clerk	1,500.00			1,500.00		1,487.56	12.44	
Contagious Diseases	2,300.00		69.57	2,369.57		2,367.44	2.13	
Mosquito Nuisance.....	5,971.76			5,971.76		590.20	5,381.56	
Bal.								
Highway Department								
Salary of Street Com.....	1,900.00			1,900.00		1,900.00		
Salary of Supt. of Moth Sup- pression	400.00			400.00		400.00		
App.						*656.87		
Ashes (collection of).....	16,100.00	1,000.00	539.92	17,639.92		17,598.97		615.92
Bridges	300.00		98.40	398.40		398.40		
Collection of House Offal....	9,600.00		3,200.00	12,800.00		13,317.59		517.59
App.						*13,350.17		
Gen'l Repairs of Highways, App.	15,000.00		19,303.84	34,303.84		33,305.71		12,352.04
Gravel Sidewalks.....	1,300.00			1,300.00		1,300.00		
Gypsy & Browntail	621.81							
{ Bal.								
{ App.	1,500.00			2,121.81		1,024.94	196.87	

Guide Boards and Street Signs	App.	100.00	43.05	143.05	143.05		
Original Construction of Streets	App.	35,000.00	213.31	213.31	35,426.62	35,213.31	213.31
Paving Gutters	App.	100.00		79.80	179.80	179.80	
Sidewalks and Edgestones Brick and Granolithic, Granite Edgestones	Bal. (Assmts.)	16,920.94					
	App. (	389.94					
		22,000.00	343.48	39,654.36	34,310.92	5,343.44	
Stone Bounds	App.	50.00		50.00	55.72		5.72
Stone Crusher and City Stable							
Repairs			2,027.56	2,027.56		2,027.56	
Street Construction	Bal.	4,319.54	15.42	4,334.96	4,334.96		
Surface Drains	{ Bal. App.	2,972.76					
		12,500.00		15,472.76	6,368.22	9,104.54	
Trees, setting out, care of.							
Leonard Moth and Beetle							
Work	App.	300.00	60.38	360.38	373.04		13.56
Watering Streets	Assmt.	23,712.18	75.00	23,787.18	23,963.63		176.45
Winthrop Street Bridge	App.	2,000.00		2,000.00	2,102.49		102.49
Whitmore Brook	App.	5,000.00		5,000.00		5,000.00	
Law Department							
Expenses			165.50	165.50	165.50		
Building Inspection Dept.							
Salary of Inspector of Buildings	App.	1,200.00		1,200.00	1,200.00		
Expenses of Inspector of Buildings	App.	330.00	25.00	355.50	354.80	.20	

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
Park Department								
Public Commons, including Play- grounds .....App.	3,600.00	525.00		4,125.00		4,107.49	17.51	
Care of Bath Houses .....App.	200.00			200.00		190.94	9.06	
Playground Equipment .....Bal.	477.66			477.66		477.00	.66	
Playgrounds .....App.	1,800.00			1,800.00	25.00	1,692.92	82.08	
Police Department								
Salaries of Policemen, includ- ing Janitor .....App.	48,580.25			48,586.25	3,600.00	44,852.02	133.63	
Special Police, and other Ex- penses .....App.	4,100.00	4,569.29	15.00	8,684.29		8,437.96	246.33	
Boiler .....Bal.	512.75			512.75	325.00		187.75	
Public Library Department								
General Expenses, including Salaries and Janitor....App.	9,000.00		2,954.74	11,954.74	437.38	11,517.36		
Agencies (including expressing) App:	331.00			331.00		331.00		

Purchasing Department							
Salary of Purchasing Agent	.....					
App.	2,300.00			2,300.00		2,300.00	
Expenses, including Clerk..	App	1,900.00	7.89	1,907.89		1,894.16	13.73
Relief of Poor Department							
Salaries of Overseers and Secretary	.....					
App.	950.00			950.00		905.82	44.18
City Home	App.	5,500.00	1,189.66	727.09	7,416.75	7,416.75	
Outside Relief	App.	12,000.00	1,097.52	5,122.33	18,819.85	18,819.85	
Repairs	App.	100.00			100.00	100.00	
School Department							
Salary of Secretary	.....					
App.	300.00			300.00		300.00	
Salary of Superintendent	App.	3,380.00			3,380.00	3,380.00	
Salaries of Teachers and Substitutes	App.	184,037.50		12.50	184,050.00	3,044.64	181,005.36
Stewardship, including Truant Officer	App.	17,000.00			17,000.00	17,000.00	
General Expenses	App.	2,500.00	350.00	2,253.60	5,103.60	29.00	5,071.75
Evening School	App.	1,300.00			1,300.00	600.00	698.90
Fuel	App.	22,200.00		100.00	22,300.00		22,272.80
Medical Inspection	App.	200.00			200.00		200.00
Repairs	App.	4,500.00	723.64		5,223.64		5,201.72
Text Books and Supplies	App.	7,500.00	2,600.00		10,100.00		10,098.91
1.09							
Sealer of Weights and Measures							
Salary of Sealer	.....					
App.	700.00			700.00		700.00	
Expenses of Sealer	App.	500.00			500.00	490.06	9.94

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	Excess	Unex- pended Balances
Treasury Department								
Salary of City Treasurer..App.	2,000.00			2,000.00		2,000.00		
Treasury Dept. Expenses..App.	225.00			225.00		178.11	46.89	
Water and Sewer Department								
Salaries of Com. ....App.	150.00			150.00		69.03	80.97	
Brooks and Streams ....App.	200.00	100.00		300.00		296.47	3.53	
Sewer Construction ... { Bal.	2,306.50							
{ Assmts.	6,382.16		168.28	8,947.03		4,345.85	4,601.18	
Sewer Maintenance.....App.	1,500.00		29.64	1,529.64		1,529.64		
Water Service .....Conn.	1,111.18		95,816.88	96,028.06	36,487.21	60,442.34		1.49
	\$1,320,241.51	\$81,916.76	\$528,861.56	1,931,019.83	199,013.91	1,629,148.03	190,007.18	87,149.29
Cash in Treasury Jan. 1, 1918...			\$25,498.01					
Cash in Treasury Jan. 1, 1919...						\$95,780.10		
Appropriations (order rescinded)		\$8,000.00						
Appropriations		111,418.16						
Bonds			143,500.00					
Notes in Anticipation of Revenue			662,000.00			500,000.00		
Perpetual Care Fund			2,264.00			2,264.00		
Excess and deficiency					232.01			

Overlay and Abatement, 1913				942.52		
Overlay and Abatement, 1914				971.14		
Overlay and Abatement, 1915				153.22		
Overlay and Abatement, 1917					41.73	
Overlay and Abatement, 1918					6.00	
December Tax Levy				134.42		
Taxes		770,529.99			3.96	
December Taxes		134.42				
Sewer Connections		1,012.36				
Sewer Connections Added to Taxes		2,829.73				
Sewer Connections Apportioned		1,892.45				
Sewer Assessments	107.87	5,021.25		1,524.33		
Sewer Apportionments		2,058.32				
Sidewalk Applications		50.00				
Sidewalk Assessments		10,414.80				
Sidewalk Apportionments		2,404.28				
Gypsy and Brown Tail Moth Assessment		305.74				
Watering Assessment		22,160.69			3.30	
Water Connections		2,373.94				
Betterments	1,529.66	13,585.07			3,154.27	
Betterments apportioned		1,592.43			306.68	
					2,230,708.07	
*Deduct debit balances of January 1, 1918						
Estates bought at sale for Taxes		\$5,186.73				
State Aid		9,571.21				
Ashes		656.87				
General Repairs of Highways		13,350.17				
Miscellaneous Credits		3,454.05			32,219.03	
		\$202,972.45	\$2,108,439.04	202,972.45	2,198,439.04	

BALANCES**(Or Assets and Liabilities)**

	Dr.	Cr.
Board of Survey		\$ 230 00
*City Hall Construction		98,270 85
*Departmental Equipment		232 55
Emergency Overdraft	\$ 26,350 00	
*Food Production and Conser- vation		15 00
*Fuel Administration Expenses		102 32
*Hancock Avenue Schoolhouse		95 53
*High Schoolhouse Addition ..		2,556 75
Income from Trust Funds		158 32
Interest on the Water Debt ...		2,504 69
*Junior High Schoolhouse		17,565 72
Osgood Schoolhouse		117 68
Payment of City Debt		21,458 96
*Public Safety		311 07
*Schoolhouses (portable)		8,930 02
Street Betterments	3,288 75	
*War Emergency		213 71
Care of Cemeteries		1,537 15
State Aid	32,840 19	
Estate Bought at Sale for Taxes	6,485 17	
*Repair Shop, Fire Dept.		82 98
Mosquito Nuisance		5,381 56
Collection of House Offal	517 59	
General Repairs of Highways	12,352 04	
Gypsy and Brown Tail Moths..		196 87
*Original Construction of Streets		213 31
*Sidewalks and Edgestones....		5,343 44
†Stone Crusher and City Sta- ble Repairs		2,027 56

REPORT OF CITY AUDITOR

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*Surface Drains		\$9,104 54
Watering Streets	\$ 176 45	
*Whitmore Brook		5,000 00
*Boiler—Police Dept.		187 75
*Sewer Construction		4,601 18
Insurance		1,590 24
‡Repairs to Fire Dpt. Buildings		247 71
*Boiler—Fire Dept.		2 50
December Tax Levy		406 87
Excess in Anticipation of Notes in Anticipation of Revenue		412,000 00
Overlay and Abatement, 1915		373 29
“ “ “ 1916		6,097 63
“ “ “ 1917		8,422 74
“ “ “ 1918		3,025 67
Appropriations	15,750 00	
Cash in Treasury Jan. 1, 1919..	95,780 10	
Taxes	375,801 34	
December Taxes	406 87	
Sewer Connections	540 19	
Sewer Connections added to Taxes	2,680 32	
Sewer Connections Apportioned	642 04	
Sewer Assessments	3,285 66	
Sewer Apportionments	1,111 01	
Sidewalk Applications	510 98	
Sidewalk Assessments	3,930 48	
Sidewalk Apportionments	1,526 06	
Gypsy and Brown Tail Moth ..	162 02	
Watering Assessment	10,152 24	
Mosquito Assessment	3,481 72	
Water Connections	2,031 62	
Betterments	15,244 17	
Betterments Apportioned	216 15	
Bonds		1,773,000 00

Notes		\$159,900 00
Public Property	\$2,123,950 00	
Property and Debt Balance ..		191,050 00
		<hr/>
	\$2,742,556 16	\$2,742,556 16

*Bonds or Notes have been issued or have been authorized.

†Insurance.

‡Work uncompleted.

Sewer Assessments Apportioned

The amount of apportionments to be committed to the City Collector for collection in future years as reported on page 138 of the report dated Jan. 1, 1918 was....

		\$3,460 58
Apportioned in 1918		297 21
		<hr/>
		\$3,757 79
Committed to Collector in 1918	\$1,533 95	
Paid in advance in 1918.....	152 36	1,686 31
		<hr/>
Balance to be committed in future years		\$ 2,071 48

Sewer Connections Apportioned

Jan. 1, 1918, Balance to be committed		\$ 4,151 26
Apportioned in 1918		483 45
		<hr/>
		\$4,634 71
Committed to Collector in 1918	1,438 55	
Paid in advance in 1918	249 81	1,688 36
		<hr/>
Balance to be committed in future years		\$2,946 35

Sidewalk Assessments Apportioned

Jan. 1, 1918, Balance to be committed		\$7,071 42
Apportioned in 1918		1,868 23
		<hr/>
		\$8,939 65
Committed to Collector in 1918	\$2,765 72	
Paid in advance in 1918	294 94	3,060 66
		<hr/>
Balance to be committed in future years		\$5,878 99

Street Betterments Apportioned

Jan. 1, 1918, Balance to be committed		4,035 56
Apportioned in 1918		7,050 03
Part of amount committed in 1917, annulled by authority of Board of Aldermen		567 69
		<hr/>
		\$11,703 28
Committed to Collector in 1918	1,512 47	
Additional payment in advance for 1917	86 45	
Apportionments annulled by orders No. 12610 A, B, C, D	1,642 01	
Paid in advance in 1918.....	750 97	3,991 90
		<hr/>
Balance to be committed in future years		\$7,711 38

Miscellaneous Bills

The books of this department show the amounts remaining uncollected Jan. 1, 1919, to have been for the following accounts:

General Repairs of Highways	\$1,169 81
General Expenses—School Department	437 00

Outside Relief	\$4,888 96
Contagious Diseases	588 38
Sewer Maintenance	37 18
Sewer Construction	388 86
Income from Estates taken for Taxes	22 50
Sidewalks and Edgestones	1,811 50
Surface Drains	8 50
City Home	53 58
Trees	32 10
Gypsy and Brown Tail Moths	201 87
Engineering Department Expenses	12 08
Miscellaneous Credits	74 78
Health Department Expenses	681 60
Guide Boards and Street Signs	2 75
Ashes	120 00
Food Production and Conservation	182 75
City Hall	39 05
Purchasing Dept. Expenses	40
	<hr/>
	\$10,753 65

SCHEDULE C

Of the Commonwealth of Massachusetts Bureau of Statistics
Statement of Debt, Jan. 1, 1919

Total General Debt		\$1,797,900 00
Sinking Funds		448,199 89
		<hr/>
Net General Debt		\$1,349,700 11
 Sinking Fund, Public Service		
Enterprise Debt	\$141,064 35	
Total Public Service Enterprise		
Debt	135,000 00	
		<hr/>
Surplus of Public Service En-		
terprise Sinking Fund		6,064 35
		<hr/>
Total Net Debt		\$1,343,635 76
Total of Bonds outstanding ..	1,773,000 00	
Total of Notes outstanding ..	159,900 00	
		<hr/>
	\$1,932,900 00	
Total Sinking Fund	589,264 24	\$1,343,635 76

BONDS OUTSIDE DEBT LIMIT

LOANS	Due	How Payable	Amount	Total Outstanding
Water Fund	Jan. 1, 1919	S. F.	\$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	\$120,000.00
Public Building Loan.....	Mar. 1, 1919	S. F.	35,000.00	35,000.00
Sewerage Loan	Feb. 1, 1919	Taxes	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	.....
" "	Feb. 1, 1923	"	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	.....

BONDS OUTSIDE DEBT LIMIT—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Sewerage Loan	Dec. 1, 1924	Taxes	\$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	.....
" "	June 1, 1931	"	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	.....

REPORT OF CITY AUDITOR
BONDS OUTSIDE DEBT LIMIT—Continued

LOANS	Due	How Pay- able	Amount	Total Outstanding
Sewerage Loan	Dec. 1, 1934	Taxes	\$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	.....
" "	June 1, 1944	"	500.00	.....
" "	Dec. 1, 1944	"	500.00	.....
" "	June 1, 1945	"	500.00	.....
" "	June 1, 1946	"	500.00	\$278,000.00
City Hall	Jan. 3, 1919	Taxes	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	.....

BONDS OUTSIDE DEBT LIMIT—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
City Hall	Jan. 3, 1930	Taxes	\$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	\$180,000.00
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
				\$159,900.00
Playground Loan	Aug. 1, 1919	Taxes	1,500.00	
“ “	Aug. 1, 1920	“	1,500.00	
“ “	Aug. 1, 1921	“	1,500.00	
“ “	Aug. 1, 1922	“	1,500.00	
“ “	Aug. 1, 1923	“	1,500.00	
“ “	Aug. 1, 1924	“	1,500.00	
“ “	Aug. 1, 1925	“	1,500.00	
“ “	Aug. 1, 1926	“	1,500.00	
“ “	Aug. 1, 1927	“	1,500.00	
“ “	Aug. 1, 1928	“	1,500.00	
“ “	Aug. 1, 1929	“	1,500.00	
“ “	Aug. 1, 1930	“	1,500.00	
“ “	Aug. 1, 1931	“	1,500.00	
“ “	May 1, 1932	S. F.	9,000.00	
“ “	Aug. 1, 1932	Taxes	1,500.00	
“ “	Aug. 1, 1933	“	1,000.00	
“ “	Aug. 1, 1934	“	1,000.00	
“ “	Aug. 1, 1935	“	1,000.00	
“ “	Aug. 1, 1936	“	1,000.00	
“ “	Aug. 1, 1937	“	1,000.00	
“ “	Aug. 1, 1938	“	1,000.00	
“ “	Aug. 1, 1939	“	1,000.00	
“ “	Aug. 1, 1940	“	1,000.00	
“ “	Aug. 1, 1941	“	1,000.00	
“ “	Aug. 1, 1942	“	1,000.00	40,000.00
School Loan (1912)	Jan. 1, 1919	Taxes	5,000.00	
“ “ “	July 1, 1919	“	5,000.00	
“ “ “	Jan. 1, 1920	“	5,000.00	
“ “ “	July 1, 1920	“	5,000.00	
“ “ “	Jan. 1, 1921	“	5,000.00	
“ “ “	July 1, 1921	“	5,000.00	
“ “ “	July 1, 1922	“	5,000.00	
“ “ “	July 1, 1922	“	5,000.00	
“ “ “	Jan. 1, 1923	“	5,000.00	
“ “ “	July 1, 1923	“	5,000.00	
“ “ “	Jan. 1, 1924	“	5,000.00	

BONDS OUTSIDE DEBT LIMIT—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
School Loan (1912)	July 1, 1924	Taxes	\$5,000.00	.....
" " "	Jan. 1, 1925	"	5,000.00	.....
" " "	July 1, 1925	"	5,000.00	.....
" " "	Jan. 1, 1926	"	5,000.00	.....
" " "	July 1, 1926	"	5,000.00	.....
" " "	Jan. 1, 1927	"	5,000.00	.....
" " "	July 1, 1927	"	5,000.00	.....
" " "	Jan. 1, 1928	"	5,000.00	.....
" " "	July 1, 1928	"	5,000.00	.....
" " "	Jan. 1, 1929	"	5,000.00	.....
" " "	July 1, 1929	"	5,000.00	.....
" " "	Jan. 1, 1930	"	5,000.00	.....
" " "	July 1, 1930	"	5,000.00	.....
" " "	Jan. 1, 1931	"	5,000.00	.....
" " "	July 1, 1931	"	5,000.00	.....
" " "	Jan. 1, 1932	"	5,000.00	.....
" " "	July 1, 1932	"	5,000.00	.....
" " "	Jan. 1, 1933	"	5,000.00	\$145,000.00
Junior High School	July 5, 1919	Taxes	6,250.00	.....
" " "	July 5, 1920	"	6,250.00	.....
" " "	July 5, 1921	"	6,250.00	.....
" " "	July 5, 1922	"	6,250.00	.....
" " "	July 5, 1923	"	6,250.00	.....
" " "	July 5, 1924	"	6,250.00	.....
" " "	July 5, 1925	"	6,250.00	.....
" " "	July 5, 1926	"	6,250.00	.....
" " "	July 5, 1927	"	6,250.00	.....
" " "	July 5, 1928	"	6,250.00	.....
" " "	July 5, 1929	"	6,250.00	.....
" " "	July 5, 1930	"	6,250.00	.....
" " "	July 5, 1931	"	6,250.00	.....
" " "	July 5, 1932	"	6,250.00	.....
" " "	July 5, 1933	"	6,250.00	.....
" " "	July 5, 1934	"	6,250.00	.....
" " "	July 5, 1935	"	6,250.00	.....
" " "	July 5, 1936	"	6,250.00	112,500.00
Total bonds outstanding Outside Debt Limit				\$969,500.00

BONDS WITHIN DEBT LIMIT

LOANS	Due	How Payable	Amount	Total Outstanding
Playground Loan 1914	May 15, 1919	Taxes	\$2,500.00	
" " " "	July 1, 1919	"	200.00	
" " " "	May 15, 1920	"	2,000.00	
" " " "	July 1, 1920	"	200.00	
" " " "	May 15, 1921	"	2,000.00	
" " " "	May 15, 1922	"	2,000.00	
" " " "	May 15, 1923	"	2,000.00	
" " " "	May 15, 1924	"	2,000.00	\$12,900.00
School of 1912	July 1, 1919	Taxes	1,000.00	
" " " "	July 1, 1920	"	1,000.00	
" " " "	July 1, 1921	"	1,000.00	
" " " "	July 1, 1922	"	1,000.00	
" " " "	July 1, 1923	"	1,000.00	
" " " "	July 1, 1924	"	1,000.00	
" " " "	July 1, 1925	"	1,000.00	
" " " "	July 1, 1926	"	1,000.00	
" " " "	July 1, 1927	"	1,000.00	
" " " "	July 1, 1928	"	1,000.00	
" " " "	July 1, 1929	"	1,000.00	
" " " "	July 1, 1930	"	1,000.00	
" " " "	July 1, 1931	"	1,000.00	
" " " "	July 1, 1932	"	1,000.00	14,000.00
Junior High School	Oct. 2, 1919	Taxes	3,800.00	
" " " "	Oct. 2, 1920	"	3,800.00	
" " " "	Oct. 2, 1921	"	3,800.00	
" " " "	Oct. 2, 1922	"	3,300.00	
" " " "	Oct. 2, 1923	"	3,300.00	
" " " "	Oct. 2, 1924	"	3,300.00	
" " " "	Oct. 2, 1925	"	3,300.00	
" " " "	Oct. 2, 1926	"	3,300.00	
" " " "	Oct. 2, 1927	"	3,300.00	
" " " "	Oct. 2, 1928	"	3,300.00	
" " " "	Oct. 2, 1929	"	3,300.00	
" " " "	Oct. 2, 1930	"	3,300.00	
" " " "	Oct. 2, 1931	"	3,300.00	
" " " "	Oct. 2, 1932	"	3,300.00	
" " " "	Oct. 2, 1933	"	3,300.00	
" " " "	Oct. 2, 1934	"	3,300.00	
" " " "	Oct. 2, 1935	"	3,300.00	
" " " "	Oct. 2, 1936	"	2,300.00	59,900.00
Lincoln Schoolhouse Loans	May 1, 1922	S. F.		45,000.00
City Stable Loan	June 1, 1924	S. F.		15,000.00

BONDS WITHIN DEBT LIMIT—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
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	\$2,000.00	.....
“ “ “	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	52,000.00
High Schoolhouse Addition (1912)	Jan. 1, 1919	Taxes	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 WITHIN DEBT LIMIT—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	\$23,500.00
High School Original Equipment	July 1, 1919	Taxes	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	12,000.00
Surface Drainage Loan...	Mar. 1, 1919	Taxes	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	.....
“ “ “	Mar. 1, 1936	“	500.00	.....
“ “ “	Mar. 1, 1937	“	500.00	.....
“ “ “	Mar. 1, 1938	“	500.00	23,000.00
Drainage Loan (1912) ...	July 1, 1922	Taxes	.....	500.00

BONDS WITHIN DEBT LIMIT—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Drainage Loan (1916) ...	Aug. 3, 1919	Taxes	\$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	\$9,000.00
Hancock Ave. School-house	June 1, 1919	Taxes	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	.....
" " "	July 1, 1924	"	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	.....

BONDS WITHIN DEBT LIMIT—Continued

LOANS			Due	How Payable	Amount	Total Outstanding
Hancock house	Ave.	School-	July 1, 1928	Taxes	\$250.00	
"	"	"	June 1, 1929	"	1,600.00	
"	"	"	July 1, 1929	"	250.00	
"	"	"	June 1, 1930	"	1,600.00	
"	"	"	July 1, 1930	"	250.00	
"	"	"	June 1, 1931	"	1,600.00	
"	"	"	July 1, 1931	"	250.00	
"	"	"	June 1, 1932	"	1,600.00	
"	"	"	July 1, 1932	"	250.00	
"	"	"	June 1, 1933	"	1,600.00	
"	"	"	July 1, 1933	"	250.00	
"	"	"	June 1, 1934	"	1,600.00	
"	"	"	July 1, 1934	"	250.00	
"	"	"	June 1, 1935	"	1,600.00	
"	"	"	July 1, 1935	"	250.00	
"	"	"	July 1, 1936	"	250.00	\$43,250.00
Sidewalks			Aug. 1, 1919	Taxes	1,000.00	
"			Sep. 1, 1919	"	2,000.00	
"			Oct. 1, 1919	"	400.00	
"			Oct. 1, 1920	Taxes	400.00	3,800.00
Playground Equipment			Aug. 10, 1919	Taxes	500.00	
"			Aug. 10, 1920	"	500.00	
"			Aug. 10, 1921	"	500.00	
Police Dept. Equipment			Aug. 5, 1919	Taxes	1,000.00	
"			Aug. 5, 1920	"	500.00	
"			Aug. 5, 1921	"	350.00	1,850.00
Extreme Emergency			Dec. 1, 1919	Taxes		500.00
Osgood Schoolhouse			Mar. 15, 1919	Taxes	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	

REPORT OF CITY AUDITOR
BONDS WITHIN DEBT LIMIT—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Osgood Schoolhouse.....	Mar. 15, 1934	Taxes	\$1,000.00	.....
“ “	Mar. 15, 1935	“	1,000.00	.....
“ “	Mar. 15, 1936	“	1,000.00	\$22,000.00
Fire Station Loan	July 1, 1919	Taxes	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	\$,400.00
Municipal Loan	Dec. 1, 1919	Taxes	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	25,000.00
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	12,100.00
Original Construction of Streets	July 1, 1919	Taxes	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	10,200.00
Street Construction	Sep. 1, 1919	Taxes	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	7,600.00

BONDS WITHIN DEBT LIMIT—Continued

LOANS	Due	How Pay-able	Amount	Total Outstanding
Street Loan (1916)	Mar. 1, 1919	Taxes	\$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	\$23,203.00
Forest Street	June 1, 1919	Taxes	1,200.00	
“ “	Nov. 1, 1919	“	1,400.00	
“ “	June 1, 1920	“	1,200.00	
“ “	Nov. 1, 1920	“	1,400.00	5,200.00
Fulton Heights Schoolhouse	July 1, 1919	Taxes	500.00	
“ “ “	July 1, 1920	“	500.00	10,000.00
Sidewalks (1916)	Sep. 1, 1919	Taxes	3,000.00	
“ “	Sep. 1, 1920	“	3,000.00	
“ “	Sep. 1, 1921	“	3,000.00	9,000.00
Highway Dpt. Equipment (1916)	Oct. 3, 1919	Taxes		1,800.00
Hancock Schoolhouse (1916)	Oct. 10, 1919	Taxes	500.00	
“ “ “	Oct. 10, 1920	“	500.00	
“ “ “	Oct. 10, 1921	“	500.00	1,500.00
War Loan (1917)	June 1, 1919	Taxes	1,500.00	
“ “ “	June 1, 1920	“	1,500.00	
“ “ “	June 1, 1921	“	1,500.00	
“ “ “	June 1, 1922	“	1,500.00	6,000.00
Fire Loan (1917)	Apr. 1, 1919	Taxes	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	

BONDS WITHIN DEBT LIMIT—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Fire Loan (1917)	Apr. 1, 1929	Taxes	\$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	.....
" " "	Apr. 1, 1935	"	2,000.00	\$34,000.00
Osgood Schoolhouse (1917)	June 1, 1919	Taxes	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	5,500.00
Departmental Equipment (1917)	July 1, 1919	Taxes	1,700.00	.....
" " "	July 1, 1920	"	1,700.00	.....
" " "	July 1, 1921	"	1,700.00	.....
" " "	July 1, 1922	"	1,700.00	6,800.00
Streets and Drains (1917)	July 1, 1919	Taxes	4,500.00	.....
" " " "	July 1, 1920	"	4,500.00	.....
" " " "	July 1, 1921	"	4,500.00	.....
" " " "	July 1, 1922	"	4,500.00	18,000.00
Original Street Construction (1917)	Aug. 1, 1919	Taxes	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	8,000.00
Sidewalks (1917)	Aug. 1, 1919	Taxes	6,000.00	.....
" " "	Aug. 1, 1920	"	6,000.00	.....
" " "	Aug. 1, 1921	"	6,000.00	.....
" " "	Aug. 1, 1922	"	6,000.00	24,000.00
Surface Drains (1918)	Dec. 1, 1919	Taxes	500.00	.....
" " "	Dec. 1, 1920	"	500.00	.....

BONDS WITHIN DEBT LIMIT—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Surface Drains (1918) ...	Dec. 1, 1921	Taxes	\$500.00	.....
“ “ “	Dec. 1, 1922	“	500.00	.....
“ “ “	Dec. 1, 1923	“	500.00	.....
“ “ “	Dec. 1, 1924	“	500.00	.....
“ “ “	Dec. 1, 1925	“	500.00	.....
“ “ “	Dec. 1, 1926	“	500.00	.....
“ “ “	Dec. 1, 1927	“	500.00	.....
“ “ “	Dec. 1, 1928	“	500.00	\$5,000.00
Fire Loan (1918)	Dec. 1, 1919	Taxes	500.00	.....
“ “ “	Dec. 1, 1920	“	500.00	.....
“ “ “	Dec. 1, 1921	“	500.00	.....
“ “ “	Dec. 1, 1922	“	500.00	.....
“ “ “	Dec. 1, 1923	“	500.00	.....
“ “ “	Dec. 1, 1924	“	500.00	.....
“ “ “	Dec. 1, 1925	“	500.00	.....
“ “ “	Dec. 1, 1926	“	500.00	.....
“ “ “	Dec. 1, 1927	“	500.00	.....
“ “ “	Dec. 1, 1928	“	500.00	5,000.00
War Emergency (1918) ..	Apr. 1, 1919	Taxes	1,500.00	.....
“ “ “	Dec. 1, 1919	“	1,000.00	.....
“ “ “	Apr. 1, 1920	“	1,500.00	.....
“ “ “	Dec. 1, 1920	“	1,000.00	.....
“ “ “	Apr. 1, 1921	“	1,500.00	.....
“ “ “	Dec. 1, 1921	“	1,000.00	.....
“ “ “	Apr. 1, 1922	“	1,500.00	.....
“ “ “	Apr. 1, 1923	“	1,500.00	10,500.00
Original Street Constuc- tion (1918)	Apr. 1, 1919	Taxes	3,500.00	.....
“ “ “	Apr. 1, 1920	“	3,500.00	.....
“ “ “	Apr. 1, 1921	“	3,500.00	.....
“ “ “	Apr. 1, 1922	“	3,500.00	.....
“ “ “	Apr. 1, 1923	“	3,500.00	.....
“ “ “	Apr. 1, 1924	“	3,500.00	.....
“ “ “	Apr. 1, 1925	“	3,500.00	.....
“ “ “	Apr. 1, 1926	“	3,500.00	.....
“ “ “	Apr. 1, 1927	“	3,500.00	.....
“ “ “	Apr. 1, 1928	“	3,500.00	35,000.00
Sidewalks Loan (1918) ...	June 1, 1919	Taxes	4,000.00	.....
“ “ “	June 1, 1920	“	4,000.00	.....
“ “ “	June 1, 1921	“	4,000.00	.....
“ “ “	June 1, 1922	“	4,000.00	.....
“ “ “	June 1, 1923	“	4,000.00	20,000.00

BONDS WITHIN DEBT LIMIT—Continued

LOANS	Due	How Pay- able	Amount	Total Outstanding
Junior High School additional (1918)	Oct. 1, 1919	Taxes	\$2,000.00	.....
" " " "	Oct. 1, 1920	"	2,000.00	.....
" " " "	Oct. 1, 1921	"	2,000.00	.....
" " " "	Oct. 1, 1922	"	2,000.00	.....
" " " "	Oct. 1, 1923	"	2,000.00	.....
" " " "	Oct. 1, 1924	"	2,000.00	.....
" " " "	Oct. 1, 1925	"	2,000.00	.....
" " " "	Oct. 1, 1926	"	2,000.00	.....
" " " "	Oct. 1, 1927	"	2,000.00	.....
" " " "	Oct. 1, 1928	"	2,000.00	.....
" " " "	Oct. 1, 1929	"	2,000.00	.....
" " " "	Oct. 1, 1930	"	2,000.00	.....
" " " "	Oct. 1, 1931	"	2,000.00	.....
" " " "	Oct. 1, 1932	"	2,000.00	.....
" " " "	Oct. 1, 1933	"	2,000.00	.....
" " " "	Oct. 1, 1934	"	2,000.00	.....
" " " "	Oct. 1, 1935	"	2,000.00	.....
" " " "	Oct. 1, 1936	"	2,000.00	.....
" " " "	Oct. 1, 1937	"	2,000.00	.....
" " " "	Oct. 1, 1938	"	2,000.00	.....
Total bonds within debt limit				\$803,500.00

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. 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	.....
" 105	Nov. 1, 1920	S. F.	8,000.00	.....
" 107	Dec. 1, 1920	" "	1,100.00	.....
" 6 Wellington Road	Dec. 1, 1920	Taxes	500.00	\$30,900.00
No. 7 Original Construction of Streets	May 1, 1921	Taxes	600.00	.....
" 109	May 1, 1921	S. F.	1,200.00	.....
" 7 High School Equipment	June 1, 1921	Taxes	200.00	.....

NOTES—Continued

	Due	How Payable	Amount	Total Each Year
No. 122	May 1, 1921	Taxes	\$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	21,800.00
" 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..				\$159,900.00
Outside Debt limit (Nos. 35 & 36)				\$ 15,000.00
Within Debt limit				144,900.00

NOTES IN ANTICIPATION OF REVENUE

Dated	Mar. 28, 1918	Due	Jan. 15, 1919	\$50,000 00
"	Apr. 16, 1918	"	Feb. 14, 1919	50,000 00
"	May 16, 1918	"	Mar. 14, 1919	50,000 00
"	May 16, 1918	"	Apr. 14, 1919	50,000 00
"	June 25, 1918	"	May 14, 1919	50,000 00
"	June 27, 1918	"	June 6, 1919	50,000 00
"	July 19, 1918	"	July 3, 1919	50,000 00
"	Aug. 28, 1918	"	Aug. 2, 1919	50,000 00
"	Oct. 29, 1918	"	Apr. 8, 1919	12,000 00
				<hr/>
				\$412,000 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.

REPORT OF CITY AUDITOR

CONDENSED STATEMENT OF DEBT AND SINKING FUNDS

January 1, 1919

	Issued Under Chap. Acts of		Out- standing	Sinking Funds
Notes Nos. 35 & 36 issued for Water Purposes....		Outside Debt Limit	\$ 15,000.00	\$141,064.85
Water Fund	98|1893	" " "	120,000.00	
Public Building Loan	221|1893	" " "	35,000.00	35,000.00
Sewerage Loan	180|1893	" " "	278,000.00	164,169.37
	296|1909			
Public Playgrbund Loan ...	306|1913	" " "	40,000.00	8,464.26
	28|			
Park Loan	176|1898	" " "	32,000.00	32,000.00
Met. Park Assm't	338|1902	" " "	27,000.00	14,652.04
	325|1902			
School Loan of 1912	100|1912	" " "	145,000.00	
City Hall	486|1913	" " "	180,000.00	
Junior High School	370|1916	" " "	112,500.00	
Municipal Loan		Within Debt Limit	25,000.00	
Lincoln Schoolhouse		" " "	45,000.00	88,186.40
City Stable		" " "	15,000.00	10,683.61
Schoolhouse Imp.		" " "	14,000.00	7,035.58
Schoolhouse Loan of 1908..		" " "	95,000.00	45,324.66
School Loan of 1911		" " "	52,000.00	
School Loan of 1912		" " "	14,000.00	
High Schoolhouse Addition..		" " "	29,500.00	
High School Original Equip- ment		" " "	12,000.00	
Hancock Avenue Schoolhouse		" " "	43,250.00	
Junior High Schoolhouse		" " "	59,900.00	
Osgood Schoolhouse		" " "	22,000.00	
Fulton Heights Schoolhouse.		" " "	1,000.00	
Fire Station Loan		" " "	8,400.00	
Departmental Equipment		" " "	12,100.00	
Police Department Equipment		" " "	1,850.00	
Playground Equipment		" " "	1,500.00	
Original Con. of Streets		" " "	10,200.00	
Street Construction 1916		" " "	7,600.00	
Street Loan 1916		" " "	23,200.00	
Forest Street		" " "	5,200.00	
Drainage Loan 1916		" " "	9,000.00	
Drainage Loan 1912		" " "	500.00	
Surface Drainage		" " "	23,000.00	
Sidewalks		" " "	3,800.00	
Playground 1914		" " "	12,900.00	
Extreme Emergency		" " "	500.00	
Sidewalk 1916		" " "	9,000.00	
Highway Dept. Equipment		" " "	1,800.00	
Hancock School 1916		" " "	1,500.00	
War Loan 1917		" " "	6,000.00	
Fire Loan 1917		" " "	34,000.00	
Osgood School 1917		" " "	5,500.00	
Departmental Equip. 1917		" " "	6,800.00	
Streets and Drains 1917		" " "	18,000.00	
Ori'l Con. of Streets 1917..		" " "	8,000.00	
Sidewalks 1917		" " "	24,000.00	
Junior High School Equip- ment 1918		" " "	15,000.00	
Surface Drains 1918		" " "	5,000.00	
Fire Loan 1918		" " "	5,000.00	
War Emergency 1918		" " "	3,000.00	
War Emergency 1918		" " "	7,500.00	
Orig. Street Con. 1918		" " "	35,000.00	
Sidewalks 1918		" " "	20,000.00	
Permanent Pavement 1918		" " "	2,000.00	
Sewer (surface drainage) 1918		" " "	9,000.00	
Junior High School add. 1918		" " "	40,000.00	
All Notes (except Nos. 35 and 36)		" " "	144,900.00	94,685.97
			\$1,932,900.00	\$589,264.24
Debt outside limit	\$984,600.00			
Sinking Funds applicable	895,350.02	\$589,149.98		
Debt within limit	\$948,400.00			
Sinking Funds applicable	193,914.22	754,485.78		

DEBT DUE IN 1919

	Date	Payable from Sink- ing Funds	Payable by Taxation
School of 1911	1918 Sept.		\$2,000.00
Water	1919 Jan.	\$3,000.00	
City Hall	"		10,000.00
School of 1912	"		5,000.00
High School Addition 1912	"		1,250.00
Sewerage	Feb.		500.00
Public Building	Mar.	35,000.00	
Surface Drainage	"		500.00
Osgood Schoolhouse	"		1,500.00
Street Loan 1916	"		2,900.00
Fire Loan 1917	Apr.		2,000.00
War Emergency 1918	"		1,500.00
Original Street Construction	"		3,500.00
Note No. 68	May	10,000.00	
Notes No. 78 to 82	"	2,500.00	
Playground	"		2,500.00
Note No. 120	"		500.00
Note No. 5, Original Construction of Sts. Sewerage	June		600.00
Hancock Avenue Schoolhouse	"		500.00
Forest Street	"		3,000.00
War Loan 1917	"		1,200.00
Osgood Schoolhouse 1917	"		1,500.00
Note No. 5, High School Equipment	"		500.00
Sidewalks 1918	"		500.00
Permanent Pavement	"		4,000.00
Original Equipment (Junior H. S.)	"		500.00
Sewer (for surface drainage)	"		1,000.00
Sewer—Whitmore brook (if issued)	"		500.00
Notes 91 to 94	July	4,000.00	
Playground	"		200.00
School of 1912	"		6,000.00
Junior High Schoolhouse	"		6,250.00
High School Original Equipment	"		1,500.00
Surface Drainage	"		2,000.00
Hancock Ave. Schoolhouse	"		250.00
Fire	"		600.00
Departmental Equipment	"		2,700.00
Original Construction of Streets	"		1,700.00
Fulton Heights Schoolhouse	"		500.00
Departmental Equipment 1917	"		1,700.00
Streets and Drains 1917	"		4,500.00
Sewerage	Aug.	20,000.00	

DEBT DUE IN 1919—Continued

	Date	Payable from Sinking Funds	Payable by Taxation
Playground	Aug.		\$1,500.00
Drainage 1916	"		500.00
Sidewalks	"		1,000.00
Playground Equipment	"		500.00
Police Dep't Equipment	"		1,000.00
Departmental Equipment	"		3,000.00
Original Street Construction 1917	"		1,000.00
Sidewalks 1917	"		6,000.00
Note—Sidewalk	"		7,000.00
Surface Drains—if issued	"		500.00
Schoolhouses—if issued	"		1,000.00
Sewerage	Sept.		500.00
School of 1911	"		4,000.00
High School Addition	"		1,000.00
Hancock Ave. Schoolhouse	"		250.00
Sidewalks	"		2,000.00
Street Construction 1916	"		1,000.00
Sidewalks 1916	"		3,000.00
Notes Nos. 95 and 96	"	\$4,200.00	
Water	Oct.	25,000.00	
Junior High Schoolhouse	"		3,300.00
Sidewalks	"		400.00
Departmental Equipment	"		700.00
Highway Dep't Equipment 1916	"		1,800.00
Hancock Schoolhouse 1916	"		500.00
Junior High Schoolhouse 1916	"		500.00
Junior High Schoolhouse 1918	"		2,000.00
Notes Nos. 97 and 98	"	4,000.00	
Sewerage	Nov.		500.00
Forest Street	"		1,400.00
Notes Nos. 99-100-101	Dec.	16,500.00	
Sewerage	"		500.00
Surface Drainage	"		500.00
Extreme Emergency	"		500.00
Municipal	"		5,000.00
Surface Drainage 1917	"		500.00
Fire 1917	"		500.00
War Emergency 1918	"		1,000.00
Note No. 5, Sidewalk	"		500.00
Note No. 5, Wellington Road	"		500.00
		\$124,200.00	\$131,200.00

Valuation and Limit of Taxation

Section 19, Chapter 719, Acts of 1913, provides that, whereas the Board of Adermen of Medford having by Ordinance fixed in 1918 the tax limit at \$15. "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 1916 was. \$33,551,717.00

The Net valuation of the City
of Medford for 1917 was. 36,358,000.00

The Net valuation of the City
of Medford for 1918 was. 34,445,350.00

3)\$104,355,067.00

Average valuation 34,785,022.00

15

173925110

34785022

Assessed at \$15.00 per \$1000

gives \$521,775.33

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

Borrowing Capacity

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

Two and one-half per cent. of
\$34,785,022.00 is \$ 869,625 55

Total debt of all kinds\$ 1,932,900 00

Debts Outside Debt Limit:

City Hall, Acts
1913, Chap. 486 .. \$180,000 00

Junior High School,
Acts 1916, Chap.
370, 112,500 00

Water Debt, author-
ity, General Stat-
utes 15,000 00

Water Debt, Acts
1893, Chap. 198, 120,000 00

Public Building
Loan, Acts 1898,
Chap. 221 35,000 00

Sewerage Loan, Acts
1893, Chap. 180,
Acts 1909, Chap.
296, Acts 1913,
Chap. 306, 278,000 00

Park Loan, Acts
1898, Chap. 176
and Acts 1902,
Chap. 338 32,000 00

Met. Park Assess-
ment, Acts 1902,
Chap. 325 27,000 00

Playground Loan, R. L. Chap. 28...	\$40,000 00	
School Loan, Acts 1912, Chap. 100,.	145,000 00	\$984,500 00
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Total Debt within Debt Limit.....	\$948,400 00	
Deduct Sinking Funds applicable to debt within limit.....	193,914 22	
Net debt to be reckoned in determining debt limit		\$754,485 78
<hr/>		
Borrowing capacity Jan. 1, 1919		115,139 77
Deduct amount authorized but not issued....		18,500 00
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True borrowing capacity		\$96,639 77
The bonds authorized but not issued are for:		
Surface Drains	\$ 3,500 00	
Schoolhouses (portable)	10,000 00	
Whitmore Brook	5,000 00	
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		\$18,500 00

PUBLIC PROPERTY

Assessors' Valuation, April 1, 1918
(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 playground	19,200 00
<hr/>	
Total of Ward 1	\$94,900 00

Ward 2

Brick Engine House	\$12,000 00
10,532 feet land, Salem street	4,200 00
Curtis Schoolhouse (wooden)	4,000 00
Curtis Schoolhouse (brick)	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 Junior High School	195,000 00
42,280 feet land, Park street, corner Washing- ton street	14,800 00
56,758 feet land, Magoun Park	14,200 00
Schoolhouse, Fulton street	1,500 00
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Total of Ward 2	\$347,950 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
Dwelling House	8,000 00
Brick Engine House	3,000 00
Tay House	400 00
144.66 acres, Fellsway West	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 street	300 00
Center Schoolhouse	25,000 00
30,112 ft. land, High St., to Grand View Ave. . .	12,050 00
Public Library	25,000 00
Public Library Annex	5,000 00
16,450 feet land, High street	4,950 00
13,566 feet land, High street	4,750 00
Brooks Schoolhouse	68,000 00
83,960 feet land, High street, cor. Allston St. . .	21,000 00
15,146 sq. ft. land, High street, cor. Main street to River	45,450 00
Cellar	15,000 00
58,000 feet land, Hastings Park, Allston St. . . .	14,500 00
Almshouse	25,000 00
Stable and Shed	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
Garage	200 00

Storage Shed	\$ 100 00
23.34 acres, Oak Grove Cemetery, Winthrop street	100,000 00
Dwelling, No. 230 Playstead road	4,000 00
Storehouse	500 00
Stable and Sheds	400 00
3.65 acres, lot 1, Playstead road	4,750 00
Dwelling in rear	1,200 00
2.66 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	300 00
740 feet land, Bradlee road	200 00
18,905 feet land, Governors avenue to Grand View avenue	3,800 00
Total of Ward 3	\$1,063,000 00

Ward 4

Brick Fire House	\$40,000 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	14,000 00
Shed	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, lot 1	1,000 00
14,110 feet land, Mystic avenue, lot 5	1,000 00
Hancock Schoolhouse	55,000 00
43,342 feet land, Hancock avenue, lots A and B	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 Lyman avenue	\$2,400 00
159,305 feet land, Summer street, corner Rye street	25,500 00
1,744 feet land, Douglas road	300 00
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Total of Ward 4	\$344,650 00

Ward 5

Lincoln Schoolhouse	\$80,000 00
42,000 feet land, Dartmouth street, between Yale and Harvard streets	9,250 00
57,600 feet land, Harvard street	10,350 00
.65 acre Marshland, Mystic avenue	100 00
Tufts Schoolhouse	20,000 00
33,851 feet land, junction of Main and Medford streets	10,150 00
277,915 feet land, Tufts Park	33,350 00
Brick Engine House	12,000 00
7,780 feet land, lots 25 and 26, Medford street, corner Albion street	1,950 00
<hr/>	
Total of Ward 5	\$ 177,150 00

Ward 6

5,210 feet land, Park, High street	\$ 1,550 00
Gleason Schoolhouse	8,000 00
20,350 feet land, lot 23, Gleason street, corner of Madison street	4,500 00
8.49 acres land, Brooks Playstead	73,950 00
Fire Station	12,000 00
11,340 feet land, Harvard avenue, corner of Bower street	4,550 00
Hervey Schoolhouse	16,000 00

REPORT OF CITY AUDITOR

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25,600 feet land, lots 66 and 67 Holton street, corner Sharon street	\$5,100 00
1,080 feet land, Canal street	100 00
9,650 feet land, Boston avenue	2,100 00
Hillside Schoolhouse	15,000 00
29,775 feet land, Boston avenue, corner Win- throp street	10,400 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	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	8,600 00
51,040 feet land, Hall street	50 00
<hr/>	
Total of Ward 7	\$117,750 00

Totals by Wards

(All Parks and Cemeteries included.)

Ward 1	\$ 94,900 00
Ward 2	347,950 00
Ward 3	1,063,000 00
Ward 4	344,650 00
Ward 5	177,150 00
Ward 6	153,250 00
Ward 7	117,750 00
<hr/>	
Total	\$2,298,650 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	
Garage	200 00	
Stable and Sheds, Playstead Road (Ward 3)	400 00	
Storage Shed	100 00	
3.65 acres land, lot 1, Playstead Road (Ward 3)	4,750 00	
Dwelling House, rear of Playstead Road (Ward 3)	1,200 00	
3.66 acres, lot 2, in rear Playstead Road (Ward 3)	3,200 00	
0.97 acres, lot 3, Playstead Road, (Ward 3)	850 00	
3.47 acres, lot 3 in rear Playstead Road (Ward 3)	3,000 00	
3.48 acres, lot 4, Playstead Road (Ward 3)	3,050 00	
Erooks Park (Ward 4)	3,500 00	
Triangle (Ward 6)	1,550 00	\$174,700 00
		<hr/>
		\$2,123,950 00

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, 1918:

WATER LOAN SINKING FUND

Receipts

1918	
Jan. 1.	Cash on hand \$11,464 65
	Income from investments 5,150 67
	Income from bank deposit 166 19
June 20.	Sold to City Stables Loan account, \$1,000. Medford 4 per cent. bond due June 1, 1924, and interest... 1,002 22
Jan. 1.	Medford bonds matured 2,000 00
May 1.	Cambridge bonds matured 12,500 00
July 1.	Boston & Providence R. R. bonds matured 5,000 00
	Medford bonds matured 2,000 00

Dec.	U. S. Certificates called	\$10,000 00	
		<hr/>	\$49,283 73

Disbursements

July 1.	Bought of Sewerage Loan account, \$10,000. Amesbury 4 per cent. bonds due July 1, 1919.....	\$10,000 00	
Aug. 1.	2,000 Chicago 4½ per cent. bonds due Jan. 1, 1920, and interest	2,003 75	
" 12.	Bought \$10,000. U. S. 4½ per cent. Ctfs. due Dec. 6, 1918, and interest	10,008 63	
Oct. 18.	Bought \$1,000 Liber- ty Loan 4¼ per cent. bond, No. 4	1,000 00	
Dec. 24.	Bought \$3,000 U. S. 4½ per cent. Ctfs. due May 6, 1919, and int.	3,007 77	
Jan. 1.	Paid to City the in- come for 1917	5,699 23	
	Paid to City to re- deem maturing bonds	4,000 00	
July 1.	Paid to City to re- deem maturing bonds	4,000 00	\$39,719 38
		<hr/>	
Jan. 1, 1919.	Cash on hand deposited in Medford Trust Co.		\$ 9,564 35
	Water Loan funds invested as follows:		
	Medford four per cent. Water Bonds, due October 1, 1919	\$ 24,000 00	

Medford four per cent. Water Bonds, due Jan. 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 Dec. 1, 1922 . . .	5,000 00
Medford Sewer, four per cent. Bonds, due Aug. 1, 1922 . . .	3,000 00
Medford Public Building four per cent. Bonds, due Mar. 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 Oct. 1, 1919	1,000 00
Medford four per cent. Water Notes, due Dec. 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	4,000 00
City of Brockton four per cent. bonds, due April 1, 1921 . .	4,000 00
Town of Hull, four per cent. note, due Oct. 20, 1920	3,000 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

Amesbury four per cent bonds, due July 1, 1919	\$10,000 00	
Chicago four and one-half per cent bonds, due Jan. 1, 1920	2,000 00	
Liberty Loan No. 4 bonds	1,000 00	
U. S. four and one-half per cent. Certificates, due May 6, 1919	3,000 00	\$131,500 00
<hr/>		
Jan. 1, 1919 Total cash and securities		\$141,064 35

PUBLIC BUILDING LOAN SINKING FUND

Receipts

1918		
Jan. 1.	Cash on hand	00 00
	Income from invest- ments	\$3,868 96
	Income from bank deposits	382 50
Feb. 15.	Sold to Perpetual Care Fund account, \$2,000 Liberty Loan No. 2 bond and int. . .	2,020 00
June 1.	\$1,000 Liberty Loan No. 2 bond	1,000 00
Feb. 15.	Sold to Public Play- ground Loan acct. \$1,000 Liberty Loan No. 2 bond and int. . .	1,010 00
Aug 1.	Sold to City Notes Loan acct. \$6,000 Medford four per cent. bonds, due Aug. 1, 1919	6,000 00
	\$8,000 Medford four per cent note, due Dec. 1, 1918, and int.	8,053 33

Jan. 1.	Medford bonds ma- tured	\$4,000 00
Feb. 1.	Medford bonds ma- tured	1,000 00
Mch. 1.	Omaha bonds ma- tured	5,000 00
Apr. 1.	Lynn bonds matured Gloucester bonds ma- tured	3,000 00 1,000 00
May 1.	Medford bonds ma- tured	500 00
June 1.	Pittsfield bonds ma- tured	10,000 00
	Lynn bonds matured	6,000 00
	Minneapolis bonds matured	15,000 00
July 1.	Boston & Providence R. R. bonds matured	13,000 00
Aug. 1.	Wrentham bonds ma- tured	2,000 00
	West End St. Ry. bonds matured	10,000 00
" 15.	Belfast bonds matured	5,000 00
Sept. 1.	Wellesley bonds ma- tured	6,000 00
	Cambridge bonds ma- tured	1,000 00
Dec.	Saugus bonds ma- tured	5,500 00
	U. S. Certificates ma- tured	15,000 00
	U. S. Certificates ma- tured	7,000 00
	Transferred to City Notes Loan acct. in part payment of sur-	

plus: Liberty Loan		
No. 2 bond	\$1,000 00	
	<hr/>	\$133,334 79

Disbursements

Aug. 1.	Paid to City to re-deem maturing bonds	\$80,000 00	
Dec. 26.	Paid surplus to City Notes Loan acct.....	4,153 65	
Feb. 15.	Bought of Municipal Loan acct. \$1,000 Gloucester four per cent. bond, due Apr. 1, 1918 and interest \$1,000 Chicago 4½ per cent. bond due Jan. 1, 1919, and int.	1,015 00 1,005 00	
Aug. 12.	Bought \$15,000 U. S. Ctfs., four and one-half per cent., due Dec. 5 and interest..	15,011 10	
Sept. 7.	Bought \$7,000 U. S. Ctfs., four and one-half per cent., due Jan. 2, 1919 and int.	7,005 18	
Dec. 24.	Bought \$25,000 U. S. Ctfs. four and one-half per cent., due March 15, 1919, and interest	25,144 86	\$133,334 79
		<hr/>	<hr/>
Jan. 1, 1919.	Cash on hand....	000 00	
	Public Building Loan funds invested as follows:		
	U. S. four and one-half per cent. Certificates, due March 15, 1919	\$25,000 00	

Maynard four per cent. bonds, due Jan. 1, 1919	\$5,000 00	
Chicago four per cent. bonds, due Jan. 1, 1919	1,000 00	
Medford four per cent. bonds due March 1, 1919	4,000 00	
	<hr/>	
Jan. 1, 1919 Total securities		\$35,000 00

MUNICIPAL LOAN SINKING FUND

Receipts

1918		
Jan. 1.	Cash on hand	\$55,000 00
	Income from invest- ments	1,337 50
	Income from bank deposit	77 04
	Medford bonds ma- tured	33,000 00
	Chicago bonds ma- tured	1,000 00
Feb. 1.	Troy bonds matured	5,000 00
Feb. 15.	Sold to Public Build- ing Loan acct. \$1,000 Glouctester four per cent. bond, due Apr. 1, 1918 and interest..	1,015 00
	\$1,000 Chicago four per cent. bond, due Jan. 1, 1919 and int.	1,005 00
	Sold to Sewerage Loan acct., \$4,000 Am. Tel. & Tel. Co. four per cent. bonds, due July 1, 1929, and int.	4,020 00
		<hr/>
		\$101,454 54

Disbursements

Jan.	Paid to City to re- deem maturing bond	\$100,000 00	
	Transferred surplus to City Notes Loan acct.	1,454 54	\$101,454 54
		<hr/>	<hr/>
	Account closed		

SEWERAGE LOAN SINKING FUND

Receipts

1918			
Jan. 1.	Cash on hand	\$ 493 24	
	Income from invest- ments	5,897 58	
	Income from bank deposits	85 76	
	Appropriation from taxes	3,500 00	
Jan. 15.	Sold to City Notes Loan acct., \$2,000 Medford four per cent. note, due Oct. 1, 1922, and interest...	2,030 00	
Aug. 1.	Sold to Water Loan acct., \$2,000 Chicago four and one-half per bonds, due July 1, 1920, and interest...	2,003 75	
July 1.	\$10,000 Amesbury four per cent. bonds, due July 1, 1919.....	10,000 00	
June 1.	Medford bonds, ma- tured	1,700 00	

May 1.	Mansfield bonds ma- tured	\$1,000 00	
July 1.	Medford bonds ma- tured	2,700 00	
Sept. 1.	Medford bonds ma- tured	3,400 00	
Dec.	U. S. Certificates paid	3,000 00	
		<hr/>	\$35,810 33

Disbursements

Feb. 15.	Bought of Municipal Loan acct. \$4,000 Am. Tel. & Tel. Co. four per cent bonds, due July 1, 1929, and int.	\$4,020 00	
Aug. 1.	Bought of City Notes Loan acct. \$4,000 Medford four per cent. bonds, due Aug. 1, 1919	4,000 00	
	Bought of Public Building Loan acct. \$6,000 Medford four per cent. bonds, due Aug. 1, 1919	6,000 00	
Sept. 9.	Bought U. S. four and one-half per cent. Certificates, due Jan. 2, 1919, and interest	3,002 22	
Dec. 24.	Bought U. S. four and one-half per cent. Cer- tificates, due May 6, 1919, and interest ...	8,018 74	
Aug. 1.	Paid to City to re- deem maturing bonds	10,000 00	\$35,040 96
		<hr/>	<hr/>

Jan. 1, 1919 Cash on hand deposited in Nat. Shawmut Bank	\$769 37
Sewerage Loan funds invested as follows:	
City of Medford bonds, due Aug. 1, 1919	\$16,000 00
City of Medford four per cent. bond, due July 1, 1924....	1,000 00
Medford four per cent. bonds, due June 1, 1919-1924	1,500 00
Medford four per cent. bonds, due Sept. 1, 1919	2,000 00
Medford four per cent. bonds, due July 1, 1926	29,000 00
Medford four per cent. bonds, due Nov. 1, 1919-1920	2,800 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. bonds, due Aug. 1, 1922	10,000 00
Medford four per cent. bond, due Aug. 1, 1920	14,000 00
Marlboro four per cent. bonds, due Sept. 1, 1924	3,000 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
U. S. Certificates four and one- half per cent., due May 6, 1919	8,000 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	18,000 00	\$163,400 00
	<hr/>	<hr/>
Jan. 1, 1919 Total cash and securities		\$164,169 37

LINCOLN SCHOOLHOUSE LOAN SINKING FUND

Receipts

1918		
Jan. 1. Cash on hand	\$ 28 65	
Income from invest- ments	1,252 00	
Income from bank deposit	5 75	
Appropriation from taxes	1,500	
	<hr/>	\$2,786 40

Disbursements

Oct. 18. Bought Liberty Loan bond No. 4	\$1,000 00	\$1,000 00
<hr/>		<hr/>
Jan. 1, 1919. Cash deposited in National Shawmut Bank		\$1,786 40
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	
Liberty Loan No. 4 bond	1,000 00	\$34,400 00
<hr/>		<hr/>
Jan. 1, 1919 Total cash and securities.....		\$36,186 40

PUBLIC PLAYGROUND LOAN SINKING FUND

Receipts

1918		
Jan. 1.	Cash on hand	\$938 44
	Income from invest- ments	329 25
	Income from bank deposit	6 57
		<hr/>
		\$1,274 26

Disbursements

Feb. 15.	Bought of Public Building Loan acct. \$1,000 Liberty Loan four and one-quarter per cent. bond No. 2, and interest	\$1,010 00	\$1,010 00
		<hr/>	<hr/>

Jan. 1, 1919..	Cash on hand deposited in National Shawmut Bank	\$ 264 26
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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

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Medford four per cent. bonds, \$600 each, due July, 1931-32	\$1,200 00	
Liberty Loan four and one- quarter per cent. bond No. 2	1,000 00	\$8,200 00
	<hr/>	<hr/>
Jan. 1, 1919. Total cash and securities		\$8,464 26

SCHOOLHOUSE LOAN 1908 SINKING FUND

Receipts

1918		
Jan. 1. Cash on hand	\$ 74 27	
Income from invest- ments	1,240 00	
Income from bank deposits	19 76	
Appropriation from taxes	3,000 00	
	<hr/>	\$4,334 03

Disbursements

Dec. 24. Bought \$4,000 U. S. four and one-half per cent. Certificates, due May 6, 1919 and int.	4,009 37	\$4,009 37
	<hr/>	<hr/>
Jan. 1, 1919 Cash on hand deposited in Na- tional Shawmut Bank		\$324 66
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. S. four and one-half per cent. Certificates, due May 6, 1919	4,000 00	\$45,000 00
	<hr/>	<hr/>
Jan. 1, 1919. Total cash and securities		\$45,324 66

CITY NOTES LOAN SINKING FUND

Receipts

1918		
Jan. 1.	Cash on hand	\$ 873 32
	Income from investments	4,312 78
	Income from bank deposit	27 51
	Appropriation from taxes	3,800 00
Feb.	Surplus transferred from Municipal Loan account	1,454 54
Dec.	Surplus transferred from Park Loan acct.	1,171 17

	Surplus transferred from Public Building		
	Loan account	\$4,153	65
Jan. 1.	Medford notes paid..	27,239	30
May 1.	Medford bond paid ..	600	00
July 1.	Medford bond paid..	600	00
Oct. 1.	Medford notes paid..	7,500	00
Dec. 1.	Medford notes paid..	8,000	00
Aug. 1.	Sold to Sewerage Loan account \$4,000 Medford four per cent. bonds, due Aug. 1, 1919	4,000	00
		<hr/>	
		\$63,732	27

Disbursements

Jan. 1.	Paid to City to re- deem maturing notes	\$27,239	30
Oct. 1.	Paid to City to re- deem maturing notes	7,500	00
Dec. 1.	Paid to City to re- deem maturing notes	8,000	00
Feb. 15.	Bought of Sewerage Loan account \$2,000 Medford four per cent. note, due Oct. 1, 1922, and interest...	2,030	00
Aug.	Bought of Public Building Loan acct. \$8,000 Medford four per cent. note, due Dec. 1, 1918, and int.	8,053	33
Oct. 18.	Bought Liberty Loan No. 4 Bond	1,000	00
Dec. 28.	Bought \$8,000 U. S. four and one-half per		

cent Certificates, due May 6, 1919, and int.	\$8,023 67	
Transferred from Public Building Loan acct., in part pay- ment of surplus, \$1,000 Liberty Loan No. 2 Bond	1,000 00	\$62,846 30

Jan. 1, 1919. Cash on hand deposited in Medford Trust Co.	\$ 885 97
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City Notes Loan fund invested as follows:

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	3,800 00
Due Oct. 1, 1922	3,500 00
Due Jan. 1, 1927	7,000 00
Medford four per cent. bonds, due July 1, 1919-25	4,200 00
Medford four per cent. bonds, due July 1, 1922	500 00
Medford four per cent. bonds, due March 1, 1919.....	3,000 00
Medford four per cent. bonds, due Oct. 1, 1924	2,000 00
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

Am. Tel. & Tel. Co. four per cent. bonds, due July 1, 1929	\$7,000 00	
City of Medford four per cent. bonds, due May 1, 1919....	600 00	
City of Medford four per cent. bonds, due May 1, 1919 ...	500 00	
Liberty Loan four and one-fourth per cent. bond, No. 4	1,000 00	
U. S. four and one-half per cent. Certificates, due May 6, 1919	8,000 00	
Liberty Loan four and one-quarter bond No. 2	1,000 00	\$93,800 00
<hr/>		
Jan. 1, 1919. Cash and securities		\$94,685 97

PARK LOAN SINKING FUND

Receipts

1918		
Jan. 1. Cash on hand	\$ 00 00	
Income from investments	1,160 00	
Income from bank deposit	11 17	
<hr/>		\$1,171 17

Disbursements

Dec. Transferred surplus to City Note Loan account	1,171 17	\$1,171 17
<hr/>		
Jan. 1, 1919. Cash on hand		00 00
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
Jan. 1, 1919. Total securities		\$32,000 00

CITY STABLES LOAN SINKING FUND

Receipts

1918		
Jan. 1.	Cash on hand	\$975 69
	Income from invest- ments	380 00
	Income from bank deposit	10 14
	Appropriation from taxes	320 00
		<hr/>
		\$1,685 83

Disbursements

Jan. 20.	Bought of Water Loan account, \$1,000 Medford four per cent. bond, due June 1, 1924, and interest	\$1,002 22	<hr/>	\$1,002 22
Jan. 1, 1919.	Cash on hand deposited in Medford Trust Co.			\$683 61
	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	\$5,000 00	\$10,000 00
Jan. 1, 1919. Total cash and securities.....		\$10,683 61

SCHOOLHOUSE IMPROVEMENT LOAN SINKING FUND

Receipts

1918		
Jan. 1. Cash on hand	\$ 120 58	
Income from investments	213 00	
Appropriation from taxes	500 00	
Jan. 1, 1919. Cash on hand deposited in Medford Trust Co.		\$ 833 58
Schoolhouse Improvement Loan Fund invested as follows:		
City of Medford four per cent. bond, due June 1, 1919....	\$ 1,200 00	
Boston & Maine R. R. four per cent. bond, due Sep. 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, 1919. Total cash and securities.....		\$ 7,033 58

**METROPOLITAN PARK ASSESSMENT LOAN
SINKING FUND**

Receipts

1918		
Jan. 1.	Cash on hand	\$ 522 88
	Income from invest- ments	485 50
	Income from bank deposit	13 66
	Appropriation from taxes	180 00
<hr style="width: 20%; margin: auto;"/>		
Jan. 1, 1919.	Cash on hand deposited in Medford Trust Co.	\$1,202 04
Metropolitan Park Assessment Loan Fund invested as follows:		
Fitchburg R. R. Co., four and one-half per cent. bond, due Jan. 1, 1933	\$ 1,000 00	
Old Colony Railroad three and one-half per cent. bonds, due July 1, 1932	3,000 00	
Town of Athol four per cent. bond, due Aug. 1, 1932...	1,000 00	
City of Salem four per cent. bond, due Feb. 1, 1932	1,500 00	
West End Street Railway Co., four per cent. bond, due 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	

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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
Jan. 1, 1919. Total cash and securities.....		\$14,652 04

PERPETUAL CARE FUND

Receipts

1918		
Jan. 1.	Cash on hand	\$3,277 19
	Income from invest- ment	1,663 75
	Income from bank deposit	18 11
April 1.	Lynn bond paid	1,000 00
	Received from City ..	2,264 00
		\$8,223 05

Disbursements

Jan.	Paid income to City	\$1,727 16
Feb. 15.	Bought of Public Building Loan acct., \$2,000 Liberty Loan four and one-quarter bonds No. 2, and int.	2,020 00
June 15.	\$1,000 Liberty Loan four and one-quarter per cent. bonds, No. 2, and interest	1,000 00
		\$ 4,747 16
Jan. 1, 1919.	Cash on hand	\$ 3,475 89

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
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	
Liberty Loan four and one- quarter per cent. bonds, No. 2	3,000 00	\$46,000 00
<hr/>		
Total cash and securities.....		\$49,475 89

TRUST FUNDS

Receipts

1918		
Jan. 1.	Cash on hand	\$ 557 23
	Income from invest- ment	662 50
	Income from bank deposit	12 75
	<hr/>	\$1,232 48

Disbursement

Nov. 13.	Paid income to City	\$ 675 74	\$ 675 74
<hr/>			
Jan. 1, 1919.	Cash on hand deposited in Medford Trust Co.		\$ 556 74
The Trust Funds are invested as follows:			
Chicago, Burlington & Quincy, Ill. Div., three and one-half per cent. bonds, due July 1, 1949		\$ 3,000 00	

New York, New Haven & Hartford R. R. three and one-half per cent. bond, due April 1, 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/>		
Jan. 1, 1919. Total cash and securities		\$16,056 74

RECAPITULATION

Sinking Funds

1918

Jan. 1. Amount of Funds....	\$796,681 02	
Received from City..	12,800 00	
Income from investments	26,433 29	\$835,914 31
<hr/>		

Disbursements

Paid to City to redeem maturing bonds	\$240,739 30	
Paid to City Water Loan income	5,699 23	
Accrued interest on securities purchased	211 54	\$246,650 07
<hr/>		
Jan. 1, 1919. Amount of Funds on hand.....		\$589,264 24

Trust Funds

1918		
Jan. 1.	Amount of funds	\$16,057 23
	Income from invest- ments	675 25
		\$16,732 48
	Disbursement	
	Paid Income to City	\$ 675 74
		\$ 675 74
Jan. 1, 1919.	Amount of funds on hand.....	\$16,056 74

Perpetual Care Fund

1918		
Jan. 1.	Amount of Funds ...	\$47,277 19
	Income from invest- ments	1,661 86
	Received from City..	2,264 00
		\$51,203 05

Disbursements

Jan.	Paid income to City..	\$ 1,727 16	\$ 1,727 16
Jan. 1, 1919.	Amount of Funds on hand		\$49,475 89

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	\$3,350 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	1,250 00
Total	\$10,100 00

And the Commissioners have certified to the City Auditor that this amount of \$10,100.00 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,
EVERARD I. LANGELL,
WILLARD DALRYMPLE,
CHAS. H. BARNES,
W. F. CUSHING,
WILLIAM CUSHING WAIT,

Board of Commissioners of Sinking Funds.

Report of the City Treasurer

January 1, 1919.

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

Dear Sir:

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

Cash in Treasury January 1, 1918	\$ 25,498 01
Receipts to December 31, 1918	2,173,026 87
	<hr/>
	\$2,198,524 88
Expenditures to December 31, 1918	\$2,102,744 78
	<hr/>
Cash in Treasury January 1, 1919	\$95,780 10

Respectfully submitted,

EDWARD A. BADGER,

City Treasurer.

Report of the City Solicitor

January 10, 1919.

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

Dear Sir:

In accordance with the provisions of section 31 of the city charter I herewith respectfully submit the following report of the City Solicitor's Department for the period commencing with my qualification as City Solicitor on October 28, 1918, for the year ending December 31, 1918.

During this brief period I have been busily engaged in examining and sorting the large amount of accumulated matters, tabulating the cases pending in the Superior Court for Middlesex County, in the Supreme Judicial Court and also in the United States District Court, and have filed appearance for the city in these matters.

I am installing a system whereby by the use of specially prepared card-indexes and folders each case is separately tabulated with copies of all correspondence, pleadings and data readily accessible under the individual name and number of each case so that full information regarding the status of any case can be obtained at a glance.

Cases Disposed Of.

I was successful in bringing about a settlement by the Insurance Company, without cost to the city, of the case of

Monroe vs. City of Medford on the eve of trial in the Superior Court. This case has been fully settled and proper entries made on the Court records to that effect on December 16, 1918.

Written Opinions

I have furnished the Board of Aldermen with written opinions at their request on various matters all of which are on record and are too lengthy to quote or enumerate here.

I have likewise furnished the heads of various departments with written and oral opinions at their request on many occasions.

Legislative Matters

I have prepared and filed with the incoming legislature at the request of the Board of Aldermen a petition and appropriate bill to authorize the City of Medford to borrow two hundred thousand dollars for the purpose of constructing various streets and widening Riverside avenue.

I have also prepared and filed with the legislature a petition and appropriate bill to reimburse the City of Medford for four thousand dollars expended by the city for the State Guard.

I have also prepared and filed with the legislature a petition and appropriate bill to authorize the City of Medford to borrow two hundred and fifty thousand dollars for school purposes.

Appearances Before Committees of the Board of Aldermen

At the request of several committees of the Board of Aldermen I have attended certain of their meetings and have given advice as requested on various pending matters.

Recommendations

In the preparation and trial of various cases involving the city's interest it is often necessary that money be expended immediately for the fees of the Clerk of Courts, procuring stenographic copy of testimony, copies of records, printing of briefs, and various other expenses incidental to court proceedings, which has heretofore been cared for by the lengthy method of applying for an appropriation.

It seems to me that this is not only cumbersome and inconvenient, but in addition is unbusinesslike and I believe that there should be a fund appropriated to the use of the City Solicitor's Department to cover these incidentals, and I therefore recommend the appropriation of four hundred dollars to take care of these matters for the ensuing year, which I believe will be sufficient.

In conclusion I desire to assure Your Honor and the various members of the City Government and Heads of Departments that my services are at all times at their disposal to the best of my ability.

Respectfully submitted,
A. CHESLEY YORK, City Solicitor.

Report of the City Physician

Hon. Benjamin F. Haines, Mayor.

Sir :

The City Physician herewith presents his annual report for the year ending December 31, 1918 :

Number of house calls	251
Number of office calls	98
Number of calls to the Police Station	37
Number of calls to the City Home	39
Number of calls to sick policemen	26
Number of calls to sick firemen	3
Number requests for ambulance	9
Number confinements attended	1
Number of prescriptions	128

The epidemic of influenza and pneumonia, during the latter months of the year, called for added work on the part of those who had the oversight of the poor of the city. Aside from this, the amount of sickness did not exceed that of previous years.

It is gratifying to state that the City Home, under the management of the new superintendent, George L. Newhall, a practical farmer, is in a prosperous condition. The inmates appear to be contented, no complaints having been made by them as to food or other comforts.

The police deserve especial praise for their kindness to all the injured persons that have been brought to the station. The chief of this department, selecting his most careful drivers, loaned the ambulance, at all times, for the conveyance of the sick and injured to their homes or to hospitals.

Very respectfully,

E. W. BARRETT, M. D.

Report of the Inspector of Animals

Medford, Mass., January 1, 1919.

Hon. Benjamin F. Haines,

Mayor of the City of Medford.

Dear Sir:

The office of Inspector of Animals is made compulsory by statute and his duties are specified in sections 15 to 24 inclusive of Chapter 90 of the Revised Laws as amended by Chapter 608, acts of 1912, and are briefly as follows: Inspection of all neat cattle, sheep and swine within the limits of his town or city and an examination of the barns, stables or other enclosures in which they are kept, such inspection to be made as such time as the Commissioner of Animal Industry shall order. The inspector shall deliver to the owner or person in charge of such animals, a written certificate of their condition and shall keep a record of all such inspections and make returns thereof to the Department of Animal Industry at the State House. Upon examination of a domestic animal if the inspector has reason to suspect the existence of contagious disease he shall cause the animal suspected to be quarantined or isolated and shall deliver to the owner or person in charge a written notice or order of such quarantine.

During the past year the following cases of contagious disease in animals have come under my observation:

GLANDERS: One horse reported as suspicious was tested and found free from the disease.

One positive case was found in a stable located near the Somerville line. This horse was killed and premises disinfected. Two other horses at this stable were considered as contact cases but were found to be free of disease on test.

MANGE: Only one case, in a horse, was brought to my attention. This animal eventually recovered and was released.

TUBERCULOSIS: Only one case was found during the year. This cow was condemned and killed and premises disinfected.

RABIES: Two dogs suspected of being affected with rabies were killed by the Police Department and cases called to my attention. The heads of these dogs were sent to the State Department laboratory where they were examined and found not to be affected with that disease. Four cases of dog bites in persons were brought to my attention. The dogs causing the bites were kept under observation for fourteen day and then released as free from rabies.

HOG CHOLERA: This disease was found to exist on one premises but under supervision of the Department of Animal Industry the hogs were immunized by use of hog cholera serum and virus and further losses prevented. One hundred seventy-eight hogs were given double treatment and 57 single treatment.

ANNUAL INSPECTION: There was found to be a slight increase in the number of cattle found at this inspection. Physical examination was made of 181 dairy cows, 15 young animals, 4 bulls and 6 goats. These animals were found at 34 premises, which premises were found to be in

good sanitary condition. Three hundred seventy-three hogs were inspected at 19 premises.

INTERSTATE HORSES: Owing to the fact that race horse permits were issued on horses used for track purposes it was not necessary to inspect this class of animals arriving from New York, Rhode Island and Connecticut. During the year eight horses were examined and released.

Respectfully submitted,

HARRIE W. PEIRCE, M. D. V.

Inspector of Animals.

Report of the Board of Assessors

January 1, 1919.

Hon. 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, 1918 :

Warrants have been received for the assessment of Taxes in the City of Medford for the year 1918 as follows :

A State Warrant for the City of Medford's part of a State Tax of \$11,000,000. as apportioned by Chapter 279, Gen. Acts 1918....	\$69,960 00
A County Warrant for the Tax of Middlesex County and County purposes	34,670 62
A State Warrant for Metropolitan Sewer Tax Chapter 439, Acts of 1889	31,120 13
A State Warrant for the Metropolitan Park and Boulevard Tax	16,776 54
A State Warrant for the Charles River Basin Tax	3,011 69
A State Warrant for cost of reconstructing and maintenance of Wellington Bridge.....	4,616 41
A State Warrant for Fire Prevention Tax....	368 84
A State Warrant for State Highway Tax	389 20
A City Warrant for Tax of City of Medford for City purposes	718,258 75
Overlay	5,332 35
	<hr/>
	\$884,504 53

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 \$22.60 per \$1,000. and the same was provided for as follows:

9,897 Polls at \$2.00 each	\$19,794 00
Real Estate Tax at \$22.60 per \$1,000.	727,845 43
Personal Estate at \$22.60 per \$1,000.	51,796 94
State Income Taxes for 1918	66,721 86
Estimated Receipts (Corporations and Bank Taxes)	18,346 30
	\$884,504 53

Number of Polls and Valuation of the City by Wards,
April 1, 1918:

Ward 1	1531	\$ 162,000	\$2,905,400	\$1,099,300
Ward 2	1393	209,500	2,416,200	1,326,200
Ward 3	1113	1,080,650	4,002,900	3,260,500
Ward 4-1	851	93,000	1,691,700	834,050
Ward 4-2	719	27,950	1,223,900	450,600
Ward 5-1	1079	47,850	2,359,850	698,150
Ward 5-2	1448	62,100	2,483,600	813,450
Ward 6-1	1257	219,950	3,137,500	1,841,150
Ward 6-2	667	181,050	2,008,550	629,200
Ward 7	795	207,850	1,759,600	989,850
Totals	10,853	\$2,291,900	\$23,989,200	\$11,942,450
Less Exemptions:				
Veterans ..	74			
Soldiers ...	882 956			

Taxable Polls 9,897

Total Valuation April 1, 1918	\$38,223,550
Less City and Exempted Property	3,726,100

Total Taxable Valuation, April 1, 1918 \$34,497,450
Rate per \$1,000., \$22.60.

**Amount of Taxes Committed to the Tax Collector
for year 1918**

Polls	\$19,794	00
Personal Estate	51,796	94
Real Estate	727,845	43
Street Watering Assessments	23,787	50
Sewer Apportionments	1,533	95
Sewer Apportionments Interest	237	73
Betterment Apportionments	1,512	47
Betterment Apportionments Interest	111	82
Sidewalk Apportionments	2,765	72
Sidewalk Apportionments Interest	140	16
Sewer House Connection Assessments	1,466	20
Sewer House Connection Assessments Interest..	66	08
Sewer House Connection Apportionments	1,438	55
Sewer House Connection Apportionments Int.	205	01

Total amount committed to Tax Collector in
Original Warrants and added to Taxes of
1918 \$832,701 56

Supplementary Warrants:

Poll Taxes	\$	106	00
Personal Taxes		31	64
Real Estate Tax		33	90
Excise Tax (Bay State Street Railway)		371	29
			542 83

Total amount of Warrants committed to
Tax Collector during year 1918..... \$833,244 39

Exempted Valuations

Real Estate:

Houses of Religious Worship..	\$	515,300
Charitable Institutions		30,500
Scientific Institutions		679,250
Literary Institutions		130,400

Commonwealth of Massachusetts	\$ 27,100	
Veterans of the Civil War.....	46,400	
City of Medford	2,298,650	
	<hr/>	
Total Exempt Valuation		\$3,727,600
Number of Residents assessed on property:		
Individuals	1,418	
All others (Firms, Corporations, etc.)	750	
	<hr/>	
Total		4,925
Number of Non-residents assessed on property:		
Individuals	1,418	
All others	332	
	<hr/>	
Total		1,750
Number of Persons assessed on property.....		6,675
Persons assessed for Poll Tax only.....		8,180
		<hr/>
Total		14,855
Number of Militia (between 18 and 45 years of age)		7,670
Number of Taxable Polls		9,897
Tax on each Poll	\$2.00	
Number of Horses		221
Number of Cows		110
Number of Neat Cattle other than Cows		1
Number of Automobiles, including Motor Boats and Cycles		1,026
Number of Dwelling Houses		6,336
Population as found by the Assessors April 1, 1918		36,590

Apportionments

Sewers

Jan. 1, 1919, there remained on the books of

the Assessors Sewer Apportionments to be added to Taxes for the years 1919, 1920, 1921 and 1922 amounting to \$2,071 48

House Connections

Jan. 1, 1919, there remained on the books of the Assessors Sewer House Connection Apportionments to be added to Taxes for the years 1919, 1920, 1921, 1922 and 1923, amounting to 2,946 35

Sidewalks

Jan. 1, 1919, there remained on the books of the Assessors Sidewalk Apportionments to be added to Taxes for the years 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926 and 1927, amounting to 5,878 99

Betterments

Jan. 1, 1919, there remained on the books of the Assessors Betterment Apportionments to be added to Taxes for the years 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927 and 1928, amounting to 7,711 38

Abatements

Polls, Personal and Real Estate Taxes

Taxes of 1915	\$ 3,003 84
Taxes of 1916	4,645 12
Taxes of 1917	747 93
Taxes of 1918	2,306 68

Street Watering Assessments

Assessments for 1916	\$ 4 00
Assessment for 1917	67 52
Assessment for 1918	7 80

Betterment Apportionments

Betterment Apportionments added to Taxes of 1917	\$ 261 01
Betterment Apportionments Interest added to Taxes of 1917	1 60

Respectfully submitted,

EDWARD S. RANDALL,
FREDERICK F. HOCKADAY,
JOHN A. RICKER,

Medford Board of Assessors.

Report of the Inspector of Buildings

Medford, Mass., January 2, 1919.

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

Dear Sir:

I hereby submit the annual report, for the year ending December 31, 1918:

The whole number of applications for building permits, for the past year, has been one hundred and sixty-two (162). The estimated cost of the same has been two hundred and eleven thousand, five hundred and five dollars (\$211,505.00).

Of the permits issued

8 permits were for two-family dwellings

43 permits were for one-family dwellings

69 permits were for garages

7 permits were for repairs after fires.

The remainder (35) were permits for additions and general repairs.

Permits by Wards

Ward 1	12 permits
Ward 2	30 "
Ward 3	43 "
Ward 4	9 "
Ward 5	15 "
Ward 6	42 "
Ward 7	11 "
<hr/>	
Total	162 permits

Permits by Months	Number Permits	Cost
January	2	\$ 6,800 00
February	2	3,600 00
March	21	29,560 00
April	33	55,700 00
May	16	18,525 00
June	11	14,985 00
July	15	33,700 00
August	25	28,870 00
September	14	9,775 00
October	6	1,525 00
November	10	4,750 00
December	7	3,715 00
Total	162	\$211,505 00

Recommendations

I would recommend there be four hundred dollars (\$400.00) appropriated for general expenses for this department for the coming year, and one hundred and fifty dollars (\$150.00) for printing new ordinances, as there are none on hand at present.

Yours very truly,

FRANK B. BLODGETT,

Inspector of Buildings.

Report of the Trustees of Cemeteries

January 1, 1919.

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

Dear Sir:

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

During the year 1918 there were 303 interments in the cemeteries of the city as follows:

Oak Grove Cemetery, in private lots	117
Oak Grove Cemetery, in single graves	162
Oak Grove Cemetery, in free graves	23
Cross Street Cemetery	1

303

Included in the above are the ashes of five cremations. There were five transfers within Oak Grove Cemetery and two transfers of bodies from cemeteries outside of Medford to Oak Grove Cemetery.

There were placed in the Receiving Tomb during the year, 33 bodies, 29 of which were buried in Oak Grove Cemetery.

Receipts

Interments, care, plants, etc. ..	\$2,984 19	
Sale of Lots	3,793 30	
Sale of Graves	3,338 00	
Insurance	2,246 00	
Income from Perpetual Care Fund	1,727 16	\$14,088 65

Expenditures

Pay Roll	\$6,846 29	
Incidentals and Supplies.....	5,705 21	\$12,551 50

Balance to the credit of Oak Grove Cemetery, January 1, 1919	\$ 1,537 15	
and there is also in the hands of the City Treasurer, \$2,914.49 which is represented by deposits in the Medford Savings Bank and the Charlestown Five Cents Savings Bank, which is the unexpended income from the Perpeual Care Fund, making the total credits to Oak Grove Cemetery, \$4,451.64.		
Total amount of Perpetual Care Fund, January 1, 1919	\$49,475 89	
Amount added to the Perpetual Care Fund in 1918		2,264 00

Sales of Lots and Graves

Lots sold during the year	24
Single Graves	179

Property

The buildings and fences at Oak Grove Cemetery are in fair condition with the exception of a general need of paint on the barn and sheds, and which we hope to be able to have done the coming season.

There are some of our main avenues which should be macadamized, but such work is impossible to undertake if we are to depend on funds from any source other than an appropriation.

The matter of filling and grading the Fountain Pond has been called to the attention of your Honor for several years. If we were to continue using the fountain it would necessitate making material repairs to the present fountain, if not replacing it by a new one entirely; the basin should be

made water tight, as in its present condition there is a leakage of water to the extent of about one dollar per day, which your board feel is a needless and unwarranted expense, and therefore recommend that an appropriation be made in order that the present fountain may be removed, and the area may be made presentable by filling and grading.

Perpetual Care

Last year we called attention to the small amount which is derived from the Perpetual Care Fund in Medford as compared with other nearby places, and we feel that we were justified in expecting that the ordinance would be amended to give some measure of relief for the lots now being sold, but our request was entirely ignored. We feel that the amount to be set aside for Perpetual Care should be on the basis of at least seventy-five cents per square foot, and that the minimum amount of \$50.00 be made for any deposit.

Salem and Cross Street Cemeteries

There is a certain amount of work which must be done at these two cemeteries, but this work cannot be done unless an appropriation is made for that purpose. The funds belonging to Oak Grove Cemetery must be kept intact for the operating expenses of that cemetery as provided by law and the ordinances of the City of Medford.

The fence on the northerly and westerly boundaries of Cross Street Cemetery must be repaired and an appropriation should be made for that purpose. It is estimated that about \$100.00 will be required to place the fence in a reasonable condition by replacing the boarding and rails which are missing—to rebuild new will cost approximately \$500.00.

General

In February last, we lost by fire our barn and a forty-foot store shed, including two horses, carts, wagons, hay,

grain, tools, etc. On these we received full insurance amounting to \$2,000.00, and on the auto, which was damaged, \$246.00—a total of \$2,246.00. We moved what was left of the barn to a location farther from the house and had it repaired so that it meets the present requirements of the department, while the expense of the work was small and we were enabled to apply a large part of the insurance to the general expenses of the department. The loss of tools and equipment was not fully replaced, owing to the financial prospects of the department, and a policy of extreme economy was made necessary by conditions which your board faced. It will be necessary to properly equip the department this coming season, and a sufficient number of men must be employed to maintain the standard of efficiency which our citizens have been accustomed to, and can justly expect.

Owing to the serious results of the Influenza Epidemic and other causes, interments in Oak Grove Cemetery were increased nearly 50% over any previous year, while increased receipts for interments due to this unusual death rate, together with the corresponding increase in the sales of lots and graves, gave us funds sufficient to enable us to finance the department through the year without one cent of appropriation—the first time that such a condition was ever possible, but these unusual receipts came in only during the last months of the year and were therefore not available at a time of year when the money could be spent to advantage. Notwithstanding the vast amount of work made necessary by the unusual number of interments in addition to the other emergency work which must be done, our expense for labor was reduced nearly 25 per cent. from that of the previous year, and this too in the face of an increased wage.

It must not be assumed, however, that all the work was done which has been customary for us to do as in previous years, for our trees, shrubs, plantings, avenues, spraying, as well as certain sections in process of development, had to be

neglected, but this work must be done this season or serious damage will result.

Appropriation

The trustees respectfully request an appropriation of \$3,300.00 for the ensuing year, as follows:

General expenses of Oak Grove Cemetery, including fertilizers, trees, equipment, tools, etc.	\$2,000 00
Filling and grading Fountain Pond	800 00
Care of Salem and Cross Street Cemeteries, including the repair of fence and walls.....	500 00
	\$3,300 00

Respectfully submitted,

ELLERY A. ARMSTRONG,

F. W. RAUSKOLB,

SELAH H. THURBER,

Trustees of Cemeteries.

Report of the City Clerk

January 4, 1919.

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

Gentlemen:

I attach herewith an itemized and detailed report of the fees collected in this office for the year 1918.

I have on file receipts by months from the City Collector's office which total \$2,840.80.

The Board of Aldermen held 27 regular meetings, two regular adjourned meetings and five special meetings.

The number of deaths recorded for 1918 were 628; it is probable that some out of town reports of 1918 deaths will be received subsequent to this date.

The number of births as per canvassers' report for year 1917 was 1,072.

Receipts

Marriage intentions filed, 376	\$ 376 00
Mortgage records filed, 284	177 75
Copy of records, 163	80 75
Garage permits, 147	147 00
Gasoline permits, 50.....	50 00
Lord's Day licenses, 42	210 00
Common Victualer licenses, 19	57 00

REPORT OF CITY CLERK

229

Bowling Alley licenses, 4	\$75 00
Billiard and Pool Room Licenses, 9	65 00
Junk Collectors' licenses, 12	600 00
Junk Shop licenses, 1	50 00
Hawkers' and Pedlers' licenses, 12	312 00
Sale of Second Hand articles, 3	45 00
Potato Bag and Barrel Collectors' licenses, 3..	45 00
Tallow and Grease Collectors' licenses, 3	9 00
Distribution of Circulars permits, 105	77 00
Awning and Sidewalk Projection permits, 80 ..	80 00
Intelligence Office licenses, 4	8 00
Inn Holders' licenses, 3	9 00
Taxicab licenses, 5	60 00
Job and Express Wagon licenses, 14	23 00
Pole Location grants, 38	38 00
Transportation of Explosive permits, 5	2 50
Auctioneers' licenses, 7	14 00
Physicians' Registration fees, 3	1 00
Dog License fees, 1,049	209 80
Interest on Deposit	9 75
Miscellaneous fees, 37	9 25
	<hr/>
	\$2,840 80

Respectfully submitted,

CHARLES A. WINSLOW,

City Clerk.

Report of the City Collector

Medford, Mass., January 1, 1919.

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, 1918:

Taxes of 1918

Total of Warrants	\$799,542 37	
Collected and paid Treasurer..		\$507,422 44
Abated		2,300 68
Uncollected January 1, 1919 ...		289,819 25
	<hr/>	<hr/>
	\$799,542 37	\$799,542 37

Taxes of 1917

Uncollected January 1, 1918..	\$277,694 81	
6th Supplementary Warrant..	118 77	
Collected and paid Treasurer..		\$191,304 96
Abated		706 20
Uncollected January 1, 1919 ...		85,802 42
	<hr/>	<hr/>
	\$277,813 58	\$277,813 58

Taxes of 1916

Uncollected January 1, 1918...	\$ 74,643 23	
Reassessed	3 96	
Recovered back	3 96	
Collected and paid Treasurer..		\$ 71,203 55
Abated		3,267 93
Uncollected January 1, 1919...		179 67
	<hr/>	<hr/>
	\$74,651 15	\$74,651 15

Taxes of 1915

Uncollected January 1, 1918...	\$ 3,251 36	
Collected and paid Treasurer..		\$ 599 04
Abated		2,652 32
	<hr/>	<hr/>
	\$3,251 36	\$3,251 36

December Taxes 1918

Warrant	\$ 65 54	
Uncollected January 1, 1919...		\$ 65 54
	<hr/>	<hr/>
	\$ 65 54	\$ 65 54

December Taxes 1917

Uncollected January 1, 1918 ..	\$ 364 87	
Collected and paid Treasurer ..		\$ 23 54
Uncollected January 1, 1919 ..		341 33
	<hr/>	<hr/>
	\$ 364 87	\$ 364 87

December Taxes 1916

Uncollected January 1, 1918...	\$ 492 03	
Collected and paid Treasurer..		\$ 110 88
Abated		381 15
	<hr/>	<hr/>
	\$ 492 03	\$ 492 03

December Taxes 1915

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

Street Watering Assessments

Uncollected January 1, 1918...	\$ 8,600 75	
Warrant for 1918	23,787 50	
Collected 1918 Account		\$15,640 30
Collected 1917 Account		4,626 51
Collected 1916 Account		1,893 88
Abated 1918 Account		7 80
Abated 1917 Account		67 52
Uncollected January 1, 1919...		10,152 24
	<hr/>	<hr/>
	\$32,388 25	\$32,388 25

Gypsy and Brown-Tail Moth Assessments

Uncollected January 1, 1918..	\$ 467 76	
Collected 1917 Account		\$ 165 00
Collected 1916 Account		139 84
Collected 1915 Account		90
Uncollected January 1, 1919...		162 02
	<hr/>	<hr/>
	\$ 467 76	\$ 467 76

Mosquito Assessment 1913

Uncollected January 1, 1918 ..	3,481 72	
Uncollected January 1, 1919..		\$3,481 72
	<hr/>	<hr/>
	\$3,481 72	\$3,481 72

Sewer Assessments

Uncollected January 1, 1918..	\$6,262 32	
Schedules 141-144 inclusive, committed	2,341 80	
Apportioned		\$ 297 21
Collected and Paid Treasurer..		5,021 25
Uncollected January 1, 1919...		3,285 66
	<hr/>	<hr/>
	\$8,604 12	\$8,604 12

Sewer Apportionments

Uncollected January 1, 1918..	\$1,483 02	
Warrants for 1918	1,533 95	
Apportionments pd. in advance	152 36	
Apportionments collected and paid Treasurer		\$1,905 96
Apportionments pd. in advance collected and pd. Treasurer		152 36
Uncollected January 1, 1919...		1,111 01
	<hr/>	<hr/>
	\$3,169 33	\$3,169 33

Sewer Connections

Uncollected January 1, 1918...	\$2,053 57	
Schedule 143 committed.....	1,446 35	
Sewer connection paid in ad- vance	99 69	
Added to 1918 taxes		\$1,466 20
Apportioned		483 45
Sewer connection collected and paid Treasurer		912 67
Sewer connection paid in ad- vance collected and paid Treasurer		99 69
Uncollected January 1, 1919 ..		637 60
	<hr/>	<hr/>
	\$3,599 61	\$3,599 61

Sewer Connection Apportionments

Uncollected January 1, 1918...	\$ 846 13	
Warrant for 1918	1,438 55	
Apportionments paid in advance	249 81	
Apportionments collected and paid Treasurer		\$1,642 64
Apportionments paid in advance, collected and paid Treasurer		249 81
Uncollected January 1, 1919...		642 04
	<hr/>	<hr/>
	\$2,534 49	\$2,534 49

Sewer Connections Added to Taxes

Uncollected January 1, 1918..	\$4,043 85	
Warrant 1918	1,466 20	
Collected and paid Treasurer..		\$2,829 73
Uncollected January 1, 1919...		2,680 32
	<hr/>	<hr/>
	\$5,510 05	\$5,510 05

Sewer Construction—Special

Unsettled January 1, 1918....	\$ 2 28	
Unsettled January 1, 1919....		\$ 2 28
	<hr/>	<hr/>
	\$ 2 28	\$ 2 28

Sidewalk Assessments

Uncollected January 1, 1918...	\$17,123 87	
Apportioned		\$1,868 23
Abated		910 36
Collected and paid Treasurer..		10,414 80
Uncollected January 1, 1919...		3,930 48
	<hr/>	<hr/>
	\$17,123 87	\$17,123 87

Sidewalk Apportionments

Uncollected January 1, 1918..	\$ 869 68	
Warrant for 1918	2,765 72	
Apportionments paid in advance	294 94	
Apportionments collected and paid Treasurer		\$2,109 34
Apportionments paid in advance, collected and paid Treasurer		249 81
Uncollected January 1, 1919...		1,526 06
	<hr/>	<hr/>
	\$3,930 34	\$3,930 34

Sidewalk Applications

Unsettled January 1, 1918....	\$ 560 98	
Committed during 1918	788 40	
Collected and paid Treasurer..		\$ 50 00
Unsettled January 1, 1919		1,299 38
	<hr/>	<hr/>
	\$1,349 38	\$1,349 38

Betterment Assessments

Uncollected January 1, 1918..	\$15,242 43	
Committed during 1918	17,283 77	
Reassessed during 1918	7,146 91	
Recovered back	3,471 10	
Erroneous Credit 1917	86 45	
Erroneous Credit 1918	62 55	
Original Assessments previously paid		\$ 3,471 10
Apportioned		7,050 03
Abated		3,880 29
Collected and paid Treasurer..		13,585 07
Unsettled Reassessments		2,063 83
Uncollected		13,242 89
	<hr/>	<hr/>
	\$43,293 21	\$43,293 21

Betterment Apportionments

Uncollected January 1, 1918...	\$ 557 12	
Warrant for 1918	1,512 47	
Erroneous Credit 1917	86 45	
Erroneous Credit 1918	62 55	
Apportionments paid in advance	750 97	
Apportionments paid in advance erroneously credited to Betterment Assessments in 1917		\$ 86 45
Apportionments paid in advance erroneously credited to Betterment Assessments in 1918		62 55
Abated 1917 Account		261 01
Apportionments collected and paid Treasurer		841 46
Apportionments paid in advance, collected and paid Treasurer		750 97
Uncollected January 1, 1919...		967 12
	<hr/>	<hr/>
	\$2,969 56	\$2,969 56

Water Connections

Unsettled January 1, 1918.....	\$3,294 38	
Committed during 1918	1,111 18	
Collected and paid Treasurer..		\$2,373 94
Unsettled January 1, 1919		2,031 62
	<hr/>	<hr/>
	\$4,405 56	\$4,405 56

Water Service

Collected during 1918	\$95,815 63	
Paid Treasurer		\$95,815 63
	<hr/>	<hr/>
	\$95,815 63	\$95,815 63

Care of Cemeteries

Collected during 1918	\$1,385 26	
Paid Treasurer		\$1,385 26
	<hr/>	<hr/>
	\$1,385 26	\$1,385 26

Costs and Fees

Taxes of 1915	\$ 1 25	
Taxes of 1916	1,655 25	
Taxes of 1917	920 25	
Taxes of 1918	25	
December Taxes 1917	20	
Sewer assessments	48 85	
Sidewalk assessments	1 00	
	<hr/>	
	\$2,627 05	
Paid Treasurer		\$2,627 05

Miscellaneous Collections Credited to:

Board of Survey	\$ 15 00
Bridges	98 40
Care of Cemeteries	1,598 93
City Home	722 89
Collection of Ashes	539 92
Collection of House Offal	3,200 00
Contagious Diseases	38 57
Electrical Dept. Expenses	262 00
Engineering Dept. Expenses ...	1,257 74
Estates bought at Sale for Taxes	400 84
Fire Dept.—Ordinary Expenses	69 22
Food Production and Conserva- tion	142 75
Fuel—School Dept.	100 00
General Expenses—School Dept.	2,253 60

General Repairs of Highways	\$4,420 82
Guide Boards and Street Signs	43 05
Income from Trust Funds ...	675 74
Infantile Paralysis	31 00
Insurance	40 64
Interest	744 32
Medford Purchasing Dept.....	7 89
Miscellaneous Account	155 00
Miscellaneous Credits	6,026 80
Original Construction of Streets	213 31
Outside Relief	5,122 33
Paving Gutters	79 80
Public Library	628 57
Public Safety	6 74
Salaries of Firemen	19 86
Salaries of Teachers	12 50
Sewer Construction	183 70
Sewer Maintenance	29 64
Sidewalks and Edgestones.....	343 48
Special Police, etc.	15 00
State Aid	158 00
Telephones	35 84
Trees	60 38
War Emergency	186 20
Water Service	1 25
Watering Streets	75 00

\$30,016 72

Paid Treasurer

\$30,016 72

Interest

Taxes of 1915	\$ 72 88
Taxes of 1916	6,590 13
Taxes of 1917	7,972 70
Taxes of 1918	617 45
Poll tax 1918	2 28
December tax 1916	7 40

REPORT OF CITY COLLECTOR

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December tax 1917	\$ 52	
Sewer Assessments	306 96	
Sewer Apportionments paid in advance	24 15	
Sewer Connections	6 28	
Sewer Connections Apportion- ments paid in advance....	31 79	
Sidewalk Assessments	262 90	
Sidewalk Apportionments paid in advance	6 86	
Betterment Assessments	304 70	
Betterment Apportionments paid in advance	10 20	
	<hr/>	
	\$16,217 20	
Paid Treasurer		\$16,217 20

Accrued Interest on Sewer Apportionments

Uncollected January 1, 1918..	\$ 187 31	
Warrants for 1918	237 73	
Collected and paid Treasurer..		\$ 277 64
Uncollected January 1, 1919...		147 40
	<hr/>	<hr/>
	\$ 425 04	\$ 425 04

Accrued Interest on Sewer Connection Apportionments

Uncollected January 1, 1918..	\$ 105 93	
Warrant for 1918	205 01	
Collected and paid Treasurer..		\$ 225 02
Uncollected January 1, 1919...		85 92
	<hr/>	<hr/>
	\$ 310 94	\$ 310 94

Accrued Interest on Sewer Connections Added to Taxes

Uncollected January 1, 1918...	\$ 142 83
Warrant for 1918	66 08

Collected and paid Treasurer..		\$ 101 33
Uncollected January 1, 1919...		107 58
	<hr/>	<hr/>
	\$ 208 91	\$ 208 91

Accrued Interest on Sidewalk Apportionments

Uncollected January 1, 1918...	\$ 31 64	
Warrant for 1918	140 16	
Collected and paid Treasurer..		\$ 104 17
Uncollected January 1, 1919...		67 63
	<hr/>	<hr/>
	\$ 171 80	\$ 171 80

Accrued Interest on Betterment Apportionments

Uncollected January 1, 1918 ..	\$ 17 32	
Warrant for 1918	111 82	
Abated 1917 account		\$ 1 60
Collected and paid Treasurer..		70 96
Uncollected January 1, 1919..		56 58
	<hr/>	<hr/>
	\$ 129 14	\$ 129 14

Total Collections

Taxes	\$770,529 99
Street Watering	22,160 69
Gypsy & Brown-tail moths	305 74
Sewer Assessments	5,021 25
Sewer Apportionments	1,905 96
Sewer Apportionments paid in advance	152 36
Sewer Connections	912 67
Sewer Connections paid in ad- vance	99 69
Sewer Connections Apportion- ments	1,642 64

Sewer Connections Apportionments paid in advance....	\$ 249 81
Sewer Connections added to taxes	2,829 73
Sidewalk Assessments	10,414 80
Sidewalk Apportionments	2,109 34
Sidewalk Apportionments paid	294 94
Betterment Assessments	13,585 07
Betterment Apportionments ..	841 46
Betterment Apportionments paid in advance	750 97
December Taxes	134 42
Interest on taxes and assessments	16,217 20
Costs and fees	2,627 05
Accrued interest on sewer apportionments	277 64
Accrued interest on sewer conn. apportionments	225 02
Accrued interest on sewer conn. added to taxes	101 33
Accrued interest on sidewalk apportionments	104 17
Accrued interest on betterment apportionments	70 96
Water Connections	2,373 94
Sidewalk Applications	50 00
Water Service	95,815 63
Care of Cemeteries	1,385 26
Miscellaneous Collections	30,016 72

Total amount collection from
Jan. 1, 1918 to Jan. 1, 1919

\$983,206 45

Uncollected

Taxes	\$375,801 34
Street Watering	10,152 24
Gypsy and Brown-tail Moths..	162 02
Mosquito Assessment	3,481 72
Sewer Assessment	3,285 66
Sewer Apportionments	1,111 01
Sewer Connections	637 60
Sewer Connections Apportionments	642 04
Sewer Connections added to Taxes	2,680 32
Sidewalk Assessments	3,930 48
Sidewalk Apportionments	1,526 06
Betterment Assessments	13,242 89
Betterment Re-Assessments Unsettled	2,063 83
Betterment Apportionments ...	967 12
December Taxes	406 87
Accrued int. on sewer apportionments	147 40
Accrued int. on sewer conn. apportionments	85 92
Accrued int. on sewer conn. added to taxes	107 58
Accrued int. on sidewalk apportionments	67 63
Accrued int. on betterment apportionments	56 58
Water Connections	2,031 62
Sidewalk Applications	1,299 38
Sewer Construction—special...	2 28
Almshouse or City Home	53 58
City Hall	39 05
Collection of Ashes	120 00
Contagious Diseases	583 38

Engineering Department Expenses	\$ 12 08	
Food Production & Conservation	182 75	
General Expenses—School Dpt.	437 00	
General Expenses—Health Dpt.	681 60	
General Repairs of Highways	1,169 81	
Guide Boards and Street Signs	2 75	
Gypsy and Brown-Tail Moths..	201 87	
Income from Estates taken for Taxes	22 50	
Miscellaneous Credits	74 78	
Outside Relief	4,888 96	
Purchasing Agent's Office	40	
Sewer Construction	388 86	
Sewer Maintenance	37 18	
Sidewalk and Edgestones	1,811 50	
Surface Drains	8 50	
Trees	32 10	
<hr/>		
Total amount uncollected Jan. 1, 1919		\$432,579 41
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 1918	\$2,089 50	
Paid City		\$ 106 70
Paid parties holding titles		1,982 80
	<hr/>	<hr/>
	\$2,089 50	\$2,089 50

Respectfully submitted,

EDWARD W. HAYES,

City Collector.

Report of the City Engineer

January 13, 1919.

Honorable Benjamin F. Haines,

Dear Sir:

I have the honor to submit to you the twenty-fifth annual report of the Civil Engineering Department of the City of Medford, for the year ending December 31, 1918:

Financial Statement

Appropriation, Jan. 1, 1918 ...	\$1,000 00	
Extra appropriation, July 18, 1918	500 00	\$1,500 00
		<hr/>
Credits:		
Highway Department	\$ 690 73	
Water and Sewer Department	526 13	
Junior High School	40 88	\$1,257 74
		<hr/>
		\$2,757 74
Expended: Pay rolls		
Pay roll, general	\$ 624 87	
Assessing Department	208 44	
City Map	317 73	
City Solicitor	92	
Junior High School	43 68	
Fulton Heights School	18 52	
Public Property	3 70	
Highway Department	661 79	

Water and Sewer Department:

Sewer Division	\$ 247 41	
Water Division	263 30	\$2,390 36
<hr/>		
Bills as follows:		
Office expenses, carfares, etc...	\$ 95 53	
Draughting materials	69 03	
Surveying materials	64 61	
Telephone	23 86	
Blue and black line prints	30 77	
Printing and stationery	31 43	
Medford Publishing Co.	20 00	
Map mounting	17 78	
Street watering	10 25	\$ 363 26
<hr/>		
		\$2,753 62
Balance		4 12
<hr/>		
		\$2,757 74

The services required of the department this year, owing to war conditions, have not been as heavy as usual, nevertheless, owing to inability to secure competent help, 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.

By direction of the Board of Aldermen, surveys, plan, profile, registry examination and description has been made of one private street for acceptance, viz:

Street	From	To
Maverick Street	Riverside Avenue	Ship Avenue

The following streets have been accepted :

Street	From	To	Length	Date
Maverick Street Tyler Avenue	Riverside Avenue Johnson Avenue	Ship Avenue Grove Street	202 ft. 1,083 ft.	Dec. 9, 1918 Dec. 9, 1918

Carolina Street and Daniels Street are in committee.

Highway Department

Surveys and stakings for edgestones, sidewalks and surface drains together with sketches and grade sheets, also final measurements for assessment purposes have been furnished for the use of the Highway Department.

WARD ONE

STREET	FROM	TO	Side	Lin. Ft. Edgestone	Sq. Yds. Gran.	Lin. Ft. Surface Drains
Evans St.	Central Ave.	Lawrence St.	Both	1,702.25 Work Started		
Poole St.	Central Ave.	Lawrence St.	Both		1,702.25	

WARD TWO

STREET	FROM	TO	Side	Lin. Ft. Edgestone	Sq. Yds. Gran.	Lin. Ft. Surface Drains
Almont St.	Salem St.	Fellsway West	West	1,135.00		
Court St.	250 ft. northerly from Lewis St. ....	.....	Both	541.00		
Lewis St.	Fulton St.	Court St.	Both	1,182.60		
				2,858.60		

WARD THREE

STREET	FROM	TO	Side	Lin. Ft. Edgestone	Sq. Yds. Gran.	Lin. Ft. Surface Drains
High St.	Winthrop Sq.	Woburn St.	North	1,265.00		
High St.	E. & W. from Wolcott St.		North	203.22		
Intervale Ave.	Hall Avenue	King Ave.		75.00	44.32	Relay 288.0
44 Oakland St.				1,543.22	44.32	288.0

WARD FOUR

STREET	FROM	TO	Side	Lin. Ft. Edgestone	Sq. Yds. Gran.	Lin. Ft. Surface Drains
33-35 Pearl St.				38.50	27.10	
Winthrop St.	George St.	Chester Ave.				Relay 309.0
Winthrop St.	George St.	Greenleaf Ave.	East	633.05		
				671.55	27.10	309.0

WARD FIVE

STREET	FROM	TO	Side	Lin. Ft. Edgestone	Sq. Yds. Gran.	Lin. Ft. Surface Drains
Stanley Ave.	College Ave.	Main St.	Both	2,072.16	20.02	Started
William St.	Newbern Ave.	Somerville Line	Both	1,600.07	.....	.....
				3,672.23	20.02	.....

WARD SIX

STREET	FROM	TO	Side	Lin. Ft. Edgestone	Sq. Yds. Gran.	Lin. Ft. Surface Drains
16 Adams St. ....	.....	.....		43.00	.....	.....
Boston Ave.	Fairmount St.	Somerville Line	South	875.18	1,854.05	.....
236 Boston Ave. ....	.....	.....		54.00	56.40	.....
348 Boston Ave. ....	.....	.....		60.00	.....	.....
352 Boston Ave. ....	.....	.....		103.00	106.90	.....
Grove St.	Tyler Ave.	Newton Rd. ....		.....	.....	147.00
Playstead Rd.	Irving St.	Usher Rd.	East	303.00	.....	.....
Tyler Ave.	Johnson Ave.	Grove St. ....		.....	.....	1,050.00
Winthrop St.	S'y from Boston Ave. ....	.....	South	.....	102.54	.....
				1,447.18	2,120.88	1,197.00

WARD SEVEN

STREET	FROM	TO	Side	Lin. Ft. Edgestone	Sq. Yds. Gran.	Lin. Ft. Surface Drains
Bradbury Ave.	Fellsway	Riverside Ave.	Both Both West	1,077.00		
Cushing St.	Pembroke St.	Sprague Ct.		771.26		
Lapham St.	Riverside Ave.	Cushing St.		458.1		
				2,306.36		
					Concrete Gutters 378.2 Sq. Yds.	
Bradbury Ave.	Fellsway	Riverside Ave.				

TOTALS FOR THE ENTIRE CITY

WARD	Lin Ft. Edgestone	Sq. Yds. Gran.	Lin. Ft. Surface Drains	Sq. Yds. Concrete Gutter
1				
2	1,702.25			
3	2,858.00			
4	1,513.22	44.32	288.00	
5	671.55	27.10	309.00	
6	3,672.23	20.02		
7	1,447.18	2,120.88	1,197.00	
	2,306.36			378.2
	14,201.39	2,212.32	1,704.00	378.2

The following summary shows list of bituminous macadam roadway constructed in 1918:

WARD 1—BY CONTRACT

STREET	FROM	TO	Sq. Yds Roadway
Burnside St.	Central Ave.	Lawrence St.	2,511
Pinkert St.	Lawrence St.	Myrtle St.	698
			3,209

WARD 2—BY MUNICIPAL LABOR

STREET	FROM	TO	Sq. Yds Roadway
Court St.	Fainter St.	North of Lewis St.	1,102
Court St.	N. of Lewis St.	250 ft. northerly	541
Lewis St.	Fulton Street	Court St.	2,024
			3,667

WARD 5—BY CONTRACT

STREET	FROM	TO	Sq. Yds Roadway
Bowdoin St.	Main St.	Dartmouth St.	1,039.0
Bowen Ave.	Main St.	Willis Ave.	1,910.0
Ell's Ave.	Main St.	Park Ave.	1,257.0
Harvard St.	Main St.	Willis Ave.	1,919.0
			6,125.0

WARD 6—BY MUNICIPAL LABOR

STREET	FROM	TO	Sq. Yds Roadway
Kilgore Ave.	High St.	Mystic Valley Pk'wy.....	2,223.0
Playstead Rd.	Irving St.	Usher Rd.	350.0
			2,573.0

WARD 7—BY MUNICIPAL LABOR

STREET	FROM	TO	Sq. Yds Roadway
Bradbury Ave.	Fellway	Riverside Ave.	1,278.2
Riverside Ave.	Fellway	Middlesex Ave.	3,403.0
			4,681.2

TOTALS

TOTAL	Sq. Yds. Roadway
By contract	0,334.0
By municipal labor	10,921.2
	20,255.2

Estimates for construction of roadway, installation of edgestone, sidewalks and surface drains have been made as per the following list:

Ward One

Evans St From Central Ave. to Lawrence St.
 Poole St. From Central Ave. to Lawrence St.
 Salem St. Widening From Spring St. to Malden-Medford line.
 Spring St. Extension From Salem St to Fellsway via Sherwood Rd.

Ward Two

Fulton Spring Rd. From Fulton St. to Fern Rd.
 Ship Ave. From Marine St. to Maverick St.

Ward Four

Metcalf St. From Walnut St. to Walnut St.

Ward Five

Golden Ave. From Main St. to Willis Ave.
 Stanley Ave. From Main St. to College Ave.
 Stanley Ave. Drain From Stanley Ave. to Main St. via Windsor Rd.

Ward Six

Chardon Rd. From Playstead Rd. to Warren St.
 Gove St. From Boston Ave. to Capen St.
 Jackson Rd. From Sagamore Ave. to Grove St.
 Playstead Rd. From Irving St. to Usher Rd.

Ward Seven

Fourth St. From Riverside Ave. to Fellsway.
 Sydney St. From Fourth St. to Second St.

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

STREET	WARD	FROM	TO
Bowdoin St.	5	Main St.	Dartmouth St.
Bowen Ave.	5	Main St.	Willis Ave.
Burnside St.	1	Central Ave.	Lawrence St.
Bradbury Ave.	7	Riverside Ave.	Fellsway
Court St.	2	Tainter St.	Lewis St.
Court St.	2	Lewis St.	Northerly
Ellis Ave.	5	Main St.	Park Ave.
Harvard St.	5	Main St.	Willis Ave.
Kilgore Ave.	6	High St.	Mystic Valley Pk'y
Lewis St.	2	Fulton St.	Court St.
Pinkert St.	1	Lawrence St.	Myrtle St.
Second St.	7	Fellsway	Bradbury Ave.

Street Watering

The usual measurements of frontages have been made amounting to 475,700 feet, or 90 miles. The length of streets watered is about 51.72 miles; the area watered is about 856,309 square yards.

The rate is five cents per front foot.

Fire Department Repair Shop

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

Swan Junior High School

Staking, grades and sketch for edgestones have been given for edgestone and granolithic on Park Street and Washington Street in front of the Swan Junior High School, and the walks on school house lot have been staked to conform to architect's plans.

Water and Sewer Releases and Takings

All necessary plans, descriptions and papers for releases and takings have been made and sent to the Water and Sewer Department as per list given:

STREET	FROM	TO
Ames St.	Fulton St.	Walsh St. ....Lawrence Pk.
Brackett St.	Gaston St.	Walsh St. ....Lawrence Pk.
Butler St.	Foss St.	To End .....Lawrence Pk.
Circuit Rd.	Sherwood Rd.	Sherwood Rd. ....Forest Pk.
Gaston St.	Brackett St.	S. Side lots 48 & 49....Lawrence Pk.
Gaston St.	Fulton St.	W. Side lots 236 & 300...Lawrence Pk.
Greenhalge St.	Walsh St.	Saunders St. ....Lawrence Pk.
Haines St.	Elm St.	Gaston St. ....Lawrence Pk.
Lee St.	Sherwood Rd.	Westwood Rd. ....Forest Pk.
Long St.	Greenhalge St.	Walsh St. ....Lawrence Pk.
Mass. Ave.	S. Border Rd.	End, beyond Circuit Rd...Forest Pk.
Saunders St.	Walsh St.	S. Side lots 115 & 133....Lawrence Pk.
Sturges St.	Elm St.	Fulton St. ....Lawrence Pk.
Talbot St.	Ames St.	Fulton St. ....Lawrence Pk.
Walsh St.	Fulton St.	N. Side Greenhalge St....Lawrence Pk.
Wason St.	Fulton St.	Sturges St. ....Lawrence Pk.
Westwood Rd.	Sherwood Rd.	End, beyond Mass. Ave....Forest Pk.

Water Works Construction

There have been constructed during the year two thousand one hundred thirty-one (2,131) feet of new mains, and two thousand seven hundred fifty-three (2,753) 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, record plans have been made and additions made in the superintendent's gate-book. In addition to the above the following field work has been performed.

Staking and grades for Westwood Road.
 Staking for Sherwood Road.
 Staking for Lee Street.
 Staking for Gaston Street.
 Staking for Ames Street.
 Staking for Saunders Street.

Sewer Construction

Two hundred and forty-eight (248) feet of sanitary sewers have been built during the year, by Municipal labor.

The following table shows the total lengths and sizes of sewers on January 1, 1919:

5-inch vitrified pipe sewer	97.0
6-inch vitrified pipe sewer	14,539.5
8-inch vitrified pipe sewer	273,736.9
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 65.973 miles.	

For schedule of sewers constructed in 1918 see next page.

Schedule of Sewers Built in 1918

LOCATION	FROM	TO	Length in Ft.	Size in.	Chim- ney at End	No. M. H.	Inlets	Character of Soil
Fells Avenue	Sta. 6 plus 23	Sta. 8 plus 17	194.0	8		2	13	Hardpan and Rock.
Fulton St.	Sta. 22 plus 74.97 ...	Sta. 23 plus 29.47...	54.5	8	1		3	Hardpan.
Total .....	.....	.....	248.5		1	2	16	

Office

The indexing of plans, surveys and level notes, calculations and construction records, etc., have been continued so that there are forty-three thousand five hundred and eighty (43,580) typewritten cards.

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

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.

Section No. 12 (renewal) covering the central portion lying between Hall Avenue and Border Road and Ash Street, to west of Summit Road is 75% completed; Section No. 10 (renewal) started in 1917, is finished.

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.

Inventory of Property of the Department

Six thousand, four hundred eighty-four plans and profiles.

Twenty-seven section maps.

Ninety-eight 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.

Three one-hundred-foot tapes.

One fifty-foot tape.

Blue-print equipment.

Five drawing stools.

Five drawing tables.

One drawing table with electrical attachment.

Four chairs.

One roll-top desk.

One bookcase.
One plan case.
One forty-two tray index case.
One four tray index case.
One six tray index case, steel.
Vault fittings, steel.
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.
Miscellaneous drawing instruments and materials.
Jupiter pencil sharpener.
One Underwood typewriter and desk.
One Pantograph.
Photographic equipment.
Two planimeters.
Two waste baskets.
One keg spikes.
Eight hundred fifty stakes.
One professional leather bag.
One field note book leather bag.
One tool leather bag.
Rubber stamps and pad.

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.

Report of School Department

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SCHOOL COMMITTEE FOR 1918

Membership

Hon. Benjamin F. Haines, Mayor, Ex-Officio.

At Large

	Term Expires
Edward W. Barrett, M. D., 104 Salem Street.....	1919
Hon. William C. Wait, 194 Forest Street.....	1920
George H. Peckham, 122 Woburn St., West Medford...	1918

From Wards

Ward

1. Ella T. Hart (Mrs. W. P.), 57 Logan Avenue.....1918
2. Harry N. Brown, 41 Washington Street1918*
3. James G. Harris, 90 Wyman Street, West Medford..1920
4. Clara T. Guild (Mrs.), 31 College Avenue.....1920
5. George S. T. Fuller, 7 Alfred Street.....1919
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, Brown.

Buildings: Fuller, Haines, Barrett.

Fuel and Accounts: Barrett, Haines, Smith.

Evening School: Barrett, Mrs. Guild, Harris.

Summer School: Mrs. Guild, Mrs. Hart, Harris.

Manual Training: Phelan, Mrs. Hart, Brown.

The Superintendent is a member of all Standing Committees.

*Resigned May, 1918, owing to removal from city.

Meetings of Committee

Regular meetings of the School Board are held in the School Committee Room, High School Building, Forest Street, on the second and fourth Monday of every month, except July and August, at 8 o'clock p. m.

Superintendent of Schools

Fred H. Nickerson, A. M.....60 Dudley St.

Superintendent's Clerks

Annie I. Letson8 Fulton St.

Rose Morison Valentine.....23 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 1919.

Winter Term

Begins January 6 and closes March 28.

Spring Term

Begins April 7 and closes Friday, June 27.

Fall Term

Begins Sept. 3 (Wednesday) and closes Dec. 19.

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, 1918.

To His Honor, Benjamin F. Haines, Mayor :

Sir: The School Committee herewith submits its annual report.

The school accommodations have been increased this last year by the opening of the Swan Junior High, another portable building at the Fulton Heights School, and two portables at the Lincoln School.

It was the Committee's intention to erect a permanent building at Fulton Heights, plans, site and architect having been selected ; but war conditions prevented. To relieve conditions as much as possible, a portable school building was added to the one already there, and we have been able to give instruction in that district fairly well. There is no reason now why we should not go ahead with the permanent building. While the delay has been annoying, it may have helped in giving us more information concerning the different problems in regard to site, size, and kind of school building.

Much the same condition prevails in regard to the proposed addition to the Lincoln School which was recommended in 1916. The delay has simply strengthened our position that additional accommodations are necessary.

As we foresaw in our last report, the lack of room in our schools for storing a winter's supply of coal made it necessary to close our schools a part of the time during the winter. We were not so badly off as we might have been, thanks to the committee on fuel ; and, looking back at it now, it is barely possible we might have kept open. At the time, however, it seemed wise to close for a while and conserve our supply.

The closing of the schools due to the coal famine, and again this fall on account of the influenza has interrupted our course of study very much. In fact, the condition of the times has undoubtedly had a marked effect on both teachers and pupils, and it is surprising that they accomplished as much as they did.

Salaries of teachers, janitors and other school employees have again been increased. In the Committee's opinion, this should have been done, and we are very glad that the city has found it possible to do so. The salaries of our teachers we believe to be fair, not high, and our Superintendent can now offer a position without apologizing for the salary. It should be borne in mind that we are still going to hear that "other communities pay higher salaries," and some of our teachers are going to be offered high salaries for nearly the same work. The Committee feels, however, that we have a right to expect good teachers from now on, at the salaries we pay.

For additional information regarding the work of the schools, you are referred to the Superintendent's report which follows.

Respectfully submitted,

JOSEPH W. PHELAN,
JOSEPH C. SMITH,
EDWARD W. BARRETT,
WILLIAM C. WAIT,
GEORGE H. PECKHAM,
ELLA T. HART,
JAMES G. HARRIS,
CLARA T. GUILD,
GEORGE S. T. FULLER.

REPORT OF SUPERINTENDENT OF SCHOOLS

To the School Committee of Medford:

During the past three years, our schools have been more or less handicapped in their work, (1) by the epidemic of infantile paralysis, which caused the suspension of the school sessions for four and one-half weeks in the fall of 1916; (2) by the coal shortage, which caused another suspension of school work for some time during the winter of 1917-18; and (3) by the epidemic of influenza, which closed the schools again for several weeks during the fall of 1918.

The teachers have put forth unusual efforts to assist pupils to regain the ground lost by these interruptions and commendable progress has been made, although it has not been possible entirely to make up the loss.

In judging the results of the past year, the following additional fact needs to be kept in mind. Numerous requests have been made upon the schools for patriotic service in various war-time activities. Every demand of this nature has brought forth a prompt and hearty response. Teachers and pupils alike have demonstrated their Americanism, and much valuable service has been rendered. The response to these demands necessarily hindered somewhat the successful accomplishment of the work outlined for the schools. Nevertheless, in my judgment, the participation of our young people in the various activities necessary for safeguarding the principles of democracy has been one of the best possible means of developing in them those qualities of mind and heart that it is necessary to have developed in one, in order that he may discharge his duties as a citizen in a manner to advance the best interest of the social whole; and this result, in the final analysis, it is the purpose of public education to bring to pass.

Therefore, while, from the point of view of scholarship alone, our schools have suffered some loss from the extra activities associated with war work, I believe that, from the larger view-point of preparation for effective living in a democratic social organization, those activities have been a valuable factor in the educational development of our young people.

Comment on Statistical Tables

Such statistical tables as it has seemed necessary to prepare for reference from year to year may be found in Appendix A.

Reference to Table I shows that the total number of pupils in the schools in December, 1918, was 5,992. This is a gain of only nine pupils over the registration in December, 1917. The average annual gain for the three previous years was 251 pupils. The small increase in 1918, as compared with the three previous years, was due to war conditions which gave unusual opportunities for young people to enter various lines of industrial and commercial activity as soon as they became fourteen years old. As a result of these opportunities many pupils dropped out from the high school and from the last two years of the elementary schools, who otherwise would have continued their school work for a longer period. While the educational loss to these young people is to be regretted, it was natural and inevitable, under the circumstances, that they should leave the schools in considerable numbers.

Table II shows that there were one hundred ninety-five teachers in the service of the Department in December, 1918. This is an increase of seven over the number employed in December, 1917.

To one who does not understand conditions, it may seem peculiar that there should be an increase of seven in the corps of teachers during the period in which there was an increase of only nine in the number of pupils. This condition

is explained by the following facts: (1) while, as previously noted, a considerable number dropped out to work from the upper grades of the system, there was a net increase of 134 in the attendance in grades I-VII, inclusive; (2) as a result of the broadening of the curriculum of studies and the opportunity for some choice of subjects in grades VII and VIII in connection with the introduction of Junior High School work, the average number of pupils per teacher has necessarily been reduced somewhat in the upper grades.

Obviously, any reduction in the number of pupils per teacher tends to increase the cost per pupil for teaching. In this connection, however, it is well to bear in mind (a) that a reduction in the number of pupils per teacher tends to improve the results from the instruction given and (b) that the average cost per pupil for teaching in Medford for the past school year was \$6.13 less per pupil than the similar average for the cities of the State and \$3.71 less than that for the State at large.

In view of these facts, we may well consider, I think, the wisdom of a still further reduction in the number of pupils per teacher in our schools.

Comparison of Table III with a similar tabulation for the previous year, shows some facts worth noting.

1. Although the regularity of attendance of pupils in the Brooks, Gleason, Hervey, Curtis, Hillside, and Fulton Street Schools shows improvement over that for 1917, there appears a slight decrease in this respect for the City as a whole.

2. There appears a slight increase in the amount of corporal punishment during the past year,—a result that I dislike to note.

3. Again, the amount of tardiness and truancy appears to have increased slightly during the year.

It is difficult to state the exact reasons for the foregoing results. I believe, however, that the chief cause is to be found in the more or less demoralized social conditions of the war

period. Whether this be true or not, our task is to strive strenuously for improvement.

With respect to the annual financial exhibit shown in Table V, the following points are worth noting:

1. During the fiscal year, 1918, the total cost for day school purposes increased by \$4.39 per pupil. This increase is due almost wholly to two things,—(a) increases in the salaries of teachers and (b) the increased cost of fuel.

Regarding the increases in teachers' salaries, it may be said, (1) that, if a community is to maintain a thoroughly efficient school system, it must have a first-class corps of teachers; (2) that such a corps cannot be maintained for any considerable length of time unless the salary schedule be sufficiently high to put the community upon an equality with places of good educational standing in its ability to secure and to hold teachers of the desired type; and (3) that for several years past the salary schedule for teachers in Medford has been inadequate for the purpose indicated. Therefore the advancement which has been made in the maximum for our teachers to a point that compares favorably with that in the majority of nearby communities must be regarded as a necessity if our schools are to be maintained at the desired standard of efficiency.

Regarding the increase in per capita cost of fuel for the past year, it may be said that the result was unavoidable since it was necessary, either to pay the higher price fixed, or to close the schools; and the latter course was not permissible legally nor right morally.

If, in spite of what has been said, it should seem to anyone that the Department is not exercising due economy in its management of the schools, let me point out that, according to the latest report of the State Board of Education, the total expenditure per pupil in the average membership of the schools of Medford for support of schools for the school year ending with June, 1918, was \$37.06, while the average similar expenditure for the 38 cities of the Commonwealth was \$47.68. In other words, during the past school year,

Medford's expenditure for school support was \$10.62, or 22 per cent., less per pupil than the similar average for the entire group of cities in the State.

It may serve to emphasize further the fact that Medford's school expenditure is relatively low to note that, during the period indicated, only 62 out of the 354 towns and cities in the Commonwealth spent less per pupil than Medford for the support of schools.

Beginning of Junior High School Work.

In previous reports, the theory of junior high school organization has been discussed and its general approval by thoughtful and progressive educators has been indicated. It seems unnecessary, therefore, in the present report to dwell upon these phases of the subject. However, it may not be amiss in this connection to note that the Special Commission on Education created by the Massachusetts General Court in 1918 to investigate the educational systems of the Commonwealth makes the following statement with respect to the junior high school idea in a report submitted January 29, 1919:—"The most popular arrangement of the grades is this: elementary, Grades I-VI; junior high school, grades VII-IX; senior high school, grades X-XII. The junior high is a distinct step in advance. It offers to pupils an earlier opportunity to find themselves; to discover their tastes and capacities by extending the range of their school experiences. It affords a certain amount of prevocational experience in manual training and homemaking courses. If well organized and managed, it lessens the number of misfits in the senior high school. It introduces at an earlier stage studies which, while in a sense by nature elementary, are usually deferred to the high school, e. g., foreign languages and algebra. If desirable, it may lessen the time needed for preparation for higher institutions. It increases markedly the advantage of departmental teaching. It reacts most favorably upon the teaching in the other grades."

Organized junior high school work began in our local schools at the opening of the present school year in Septem-

ber, 1918. It is planned to have ultimately three centers for this work,—one in the eastern, one in the southern and one in the western section of the City. To provide quarters for the work in the eastern area, a building specially designed for junior high school purposes has been erected at the corner of Washington and Park Streets on the site of the old Swan School building which had been in use for primary grades. The new building, known as the Swan Junior High School, is a handsome structure containing sixteen regular class-rooms, a room for drawing, one for typewriting, two science rooms, two manual training rooms, rooms for cooking and sewing, a principal's office, two teachers' rest rooms and two emergency rooms for pupils in case of illness.

At the present time ten class-rooms are occupied in this building.

With the opening of this school in September, it seemed necessary, although we lacked proper facilities in the southern and western sections of the City, to start the junior high school work in all seventh and eighth grades throughout the City, in order that the pupils from the other areas might go on to the next higher grade with a training similar to that given those at the Swan Junior High. Therefore, since the opening of the present school year, junior high school work has been carried on at the Lincoln, Lorin L. Dame, Brooks and Centre Schools, as well as at the Swan Junior High School.

While I am gratified at the results that are being secured and at the way in which the teachers have adjusted themselves to the new plan of work, many difficult problems are presented in attempting to carry on the work successfully under present conditions and it will be impossible to realize the maximum value from the junior high school plan until proper accommodations are provided in the southern and western sections of the City, as planned. Therefore, it is to be hoped that such accommodations may be provided at the earliest possible moment. To delay in this matter is to cripple the efficiency of the educational work in the schools.

It is to be noted, further, that, until additional accom-

modations are provided the two areas mentioned, it will be necessary to carry the third year of the junior high school work into the senior high school, which complicates somewhat the carrying out of the junior high program as planned.

Supervised Study in Junior High School Grades

The cause of a considerable per cent of the failures of pupils in the higher grades of the elementary schools and in the earlier high school years is the lack of ability to study effectively. Therefore, it is an important duty of those who administer schools to make definite and systematic provision for teaching pupils how to study. This requires that supervised study be given a well defined place in the school program.

The importance of this arrangement in the minds of thoughtful educators is suggested (1) by the comparatively recent publication of such professional works as Sandwick's "How to Study and What to Study," Dearborn's "How to Learn Easily," McMurry's "How to Study," Earhart's "Teaching Children to Study," and Hall-Quest's "Supervised Study"; (2) by the practice of many progressive communities in making supervised study a definite part of their educational program; and (3) by the fact that, at the recent Convention in Chicago of the Department of Superintendence of the N. E. A., the Round Table Conference of Supervised Study was of the most enthusiastic character. The report of this Conference by the Journal of Education reads in part as follows: "The attraction was the supervised study demonstration by Miss Mabel Simpson, Principal of the Whitcomb Riley Elementary School, Rochester, N. Y. The Blackstone ballroom would not hold a small fraction of the vast crowd. The meeting was adjourned to the Blackstone Theatre. That was full to the limit and almost as many more were shut out. The program was repeated the next afternoon with the request that those who were present on Thursday would not attend on Friday."

Supervised study is a definite part of the junior high school program in Medford and, to provide opportunity for this, the daily school session has been lengthened by three-quarters of an hour. Practically one half of each period, in the lines of academic work requiring it, is given over to supervised study and in grades VII and VIII required home study is abolished.

During the year, I have discussed somewhat with the teachers of the junior high school grades the theory and practice of supervised study and have acquainted them with the available literature upon the subject; and I am confident that, as time goes on, the advantages of the plan in connection with our work will become more apparent.

The following are a few of the comments of our teachers after a half-year's trial of the plan :

1. "Supervised study has my very hearty approval. I believe I am getting more from it this term than last and that its value will increase as experience teaches me how best to use it."

2. "I believe thoroughly in supervised study."

3. "Supervised study is very helpful for the children as it gives them the needed foundation for later individual study."

4. "Supervised study keeps the class uniform and is valuable to the backward children because of the opportunity it gives for individual attention."

5. "Excellent idea. Should overcome a general fault in pupils, viz., lack of application."

6. "I heartily approve of the plan of supervised study. I am positive that, owing to the many interruptions and forced vacations this year, my pupils would not have done the work of the grade as well under the old plan of home study."

Additional School Accommodations

In my annual report for 1917, emphasis was put upon the need for immediate action to secure additional housing facilities for the school children, both of the Fulton Heights district and of the South Medford district.

During the summer of 1918, a portable two-room building was placed at Fulton Heights and later two single-room portable buildings were placed in South Medford on the Lincoln School lot. These buildings temporarily relieved, in part, the need in these districts, but they are by no means adequate and were secured only because it was not possible, for conditions beyond the control of the Committee, to secure an appropriation of money required to erect permanent buildings such as are needed.

Having recently placed before the Committee, again, the facts showing the great necessity for additional accommodations in the districts mentioned, it seems necessary at this time only to express the hope that appropriations may be secured for the needed buildings and that the work of erecting the same may be begun at an early date.

Conclusion

In closing this report, I desire to express my obligation to the Committee for its continued support, my recognition of the faithful service of the teachers and other employees of the Department, and my appreciation of the co-operative spirit of our citizens in general. These conditions, not only have helped to lighten the burden of what has been an unusually strenuous year's work for your Superintendent, but they also encourage him to face the duties of the coming year with confidence.

Respectfully submitted,

FRED H. NICKERSON,
Superintendent of Schools.

APPENDIX A

TABLE I.—Number of Pupils in the Different Grades, December, 1918

SCHOOLS	Grade Ib	Grade Ia	Grade IIb	Grade IIa	Grade IIIb	Grade IIIa	Grade IVb	Grade IVa	Grade Vb	Grade Va	Grade VIb	Grade VIa	Grade VIIb	Grade VIIa	Grade VIIIb	Grade VIIa	HIGH SCHOOL								Totals		
																	Class I	Class I'	Class II'	Class II'	Class III	Class III'	Class IV	Class IV'		Post Grad.	
High																	235	96	204	88	146	84	137	35	3	1,028	
Swan Junior High..												112	76	100	32												320
Centre																60	112										172
Washington						28	28	40	44	33	39	20															232
Franklin								46	79	59	101	58															343
Everett	45	22	36	22	44																						169
Osgood	20	9	17	13	12	18	15	20	10	11	8	9															162
James	53	32	45	26	40	34	36	19	14																		308
Curtis	54	20	40	35	45	24	12																				230
Brooks				14	64	44	46	51	71	41	62	44	44	37	48												566
Gleason	34	17	23																								74
Hervey	40	26	32	21																							119
Lorin L. Dame.....					50	25	49	32	80	63	78	58	74	36													545
Hancock	54	27	64	25	33	18	33	25	13																		292
Cradock	36	17	24	15	27	18	22																				159
Hillside	56	26	21	22																							155
Lincoln					35	52	87	48	65	45	82	62	83	45	62												666
Tufts	96	70	85	59	34																						344
Fulton Street	29	18	20	11	10	9	11																				108
Total Dec., 1918 ...	517	284	437	263	403	270	339	281	376	252	370	251	313	194	270	114	235	96	204	88	146	84	137	34	3	5,992	
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	5,983	
Total Dec., 1916 ...	408	226	385	215	411	230	388	264	367	215	315	206	297	213	256	210	255	130	204	69	222	73	150	...	18	5,736	

**TABLE II.—NUMBER OF TEACHERS IN THE DIFFERENT DEPARTMENTS OF THE DAY SCHOOLS,
DECEMBER, 1918**

	Regular Day School Teachers			Supervisors and Special Instructors									
	High Classes I-IV	Grammar Gr. V-VI VII-VIII	Primary Gr. I-II III-IV	Primary Grades	Music	Drawing	Physical Training	Military Drill	Sewing	Cooking	Mech. Drawing Woodwork Printing	Penmanship	Totals
Male	14	4	0	0	0	0	0	1	0	0	3	1	23
Female	35	61	69	1	1	2	1	0	1	1	0	0	172
Total	49	65	69	1	1	2	1	1	1	1	3	1	195

Comparison with a similar tabulation for 1917 shows that seven teachers were added to the staff in 1918.

**TABLE III.—Average Age of Pupils in the Respective Grades,
September, 1918.**

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 3	7 0	7 5	8 0	8 6	9 2	9 7	10 3

GRAMMAR							
V		VI		VII		VIII	
B.	A.	B.	A.	B.	A.	B.	A.
yr. mo.	yr. mo.	yr. mo.	yr. mo.	yr. mo.	yr. mo.	yr. mo.	yr. mo.
10 6	11 4	11 7	12 4	12 6	13 3	13 6	14 1

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 11	15 3	15 8	15 11	16 5	17 0	17 9

TABLE IV.—ATTENDANCE DATA, ETC., FOR THE SCHOOL YEAR ENDING JUNE, 1918.

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	1197	533	664	1112.93	1045.26	93.91	.....	39	133	2130	1106
Centre	219	112	107	200.38	189.46	94.55	.....	15	34	393	74
Washington	337	174	163	306.54	283.07	92.34	.....	13	30	209	147
Frankl'n	496	252	244	458.46	427.45	92.23	3	24	86	425	294
Everett	175	98	77	137.05	123.12	89.83	.....	1	.....	159	44
Osgood	217	98	119	180.00	166.96	92.75	6	2	3	143	101
James	387	202	185	310.48	286.39	92.24	5	8	9	177	135
Curtis	318	175	143	245.77	228.48	92.96	.....	4	6	195	89
Brooks	578	286	292	519.38	492.91	94.90	9	22	121	370	429
Gleason	82	47	35	68.24	62.08	90.97	.....	.....	.....	76	42
Hervey	164	86	78	121.21	110.64	91.27	2	3	9	249	51
Lorin L. Dame	588	289	299	528.45	492.55	93.20	11	24	69	672	267
Hancock	373	185	188	306.31	278.10	90.79	2	3	15	297	84
Craddock	187	89	98	158.37	145.54	91.89	3	3	6	157	30
Hillside	221	110	111	159.31	145.53	91.34	.....	2	2	236	54
Lincoln	761	364	397	659.90	614.81	93.01	11	23	85	332	365
Tufts	419	217	202	313.18	281.34	89.83	.....	21	129	333	59
Fulton Street	102	61	41	78.22	69.51	86.86	.....	.....	.....	256	31
Totals	6821	3378	3443	5864.18	5443.20	92.82	25	207	737	6809	3402

Table V.

ANNUAL FINANCIAL EXHIBIT FOR 1918

1. General Statement

Receipts

Original appropriation		\$219,457 50
Supplementary appropriations:		
Salaries of teachers	\$ 4,260 00	
Books and supplies	500 00	
Fuel	13,200 00	
Repairs	2,500 00	
Stewardship	3,000 00	
		<hr/>
		\$23,460 00
From the following sources:		
Tuition from non-residents	\$ 40 00	
Tuition from State wards	1,323 00	
Tuition from City of Boston wards	87 75	
Miscellaneous Credits	2 85	
Damage, Evening School unre- funded, deposits, etc.....	800 00	2,253 60
		<hr/>
Total		\$245,171 10

Expenditures

Teachers, Superintendent and Clerks	\$184,112 86	
Janitors Engineer and Truant Officer	17,000 00	
Secretary of School Committee	300 00	
Medical Inspector	200 00	
		<hr/>
		\$201,612 86

Books and Supplies	\$10,098 91
Fuel	22,172 80
Repairs	5,191 72
General Expenses (Miscellaneous items not classified under the above headings)	5,071 75
<hr/>	
Total expenditure for support of regular day schools....	\$244,148 04
Evening School	698 90
Summer School	260 00
<hr/>	
Total	\$245,106 94
Unexpended balance	64 16

2. Average Expenditure Per Pupil

a. Regular Day Schools

(Based on the average membership of the schools for fiscal year, 5869.6).

For Teaching (including High School Clerk)..	\$ 30 53
For Supervision (Superintendent and Clerks)	84
For Janitors, Engineer and Truant Officer....	2 85
For Secretary of School Committee.....	05
For Books	69
For Supplies	1 05
For Fuel	3 78
For Repairs	97
For Medical Inspection	03
For General expenses (Miscellaneous items not classified under the above headings)....	80
<hr/>	
Total cost per pupil for day school purposes	\$41 59

b. Evening School

(Based on the average membership for the 11 weeks of the fiscal year that the school was maintained, 164.6).

For Teaching	\$ 3 55
For Janitors	31
For Books and Supplies	28
For Printing	10
	<hr/>
Total	\$ 4 24

c. Summer School

(Manual Department)

(Based on enrollment of school, 181)

For teaching and janitor service	\$1 43
--	--------

3. Cost for High School Maintenance**a. Total Expenditure**

Salaries (teachers, janitors, engineer, clerk) ..	\$65,885 13
Books	900 19
Supplies	1,795 32
Fuel	4,356 13
Sundries	781 20
Repairs	738 70
	<hr/>
Total	\$74,456 67

b. Average Expenditure Per Pupil

(Based on average membership for the fiscal year, 1074.1).

Salaries (teachers, janitor, engineer, clerk)...	\$ 61 34
Books	84
Supplies	1 67
Fuel	4 06
Sundries	73
Repairs	69
Total	<hr/> \$ 69 33

APPENDIX B

1

February thirteen, Nineteen hundred eighteen

MEDFORD HIGH SCHOOL GRADUATION

At eight o'clock in the evening

ORDER OF EXERCISES

Entrance of Class.

Address of Welcome by the President of the Class

Albert D. Leary

"Vision" Faure
 School Chorus—Solo by Ruth M. McGowan

Essay, "To-day and To-morrow"

Elsa H. Dohne

Vocal March, "Away" Brackett
 Boys' Glee Club

Selection, "Century Girl" Herbert
 School Orchestra

Valedictory Essay, "A Service Station"

John A. Herculson

Selection from "Gallia"Gounod
 School Chorus—Solo by Mary H. Appleton

PRESENTATION OF DIPLOMAS

By Hon. Benjamin F. Haines

"America"

GRADUATING CLASS

Ermete Achilles Bagnulo
Michael Joseph Beatty
Walter Francis Busam
Edward James Curran
Edward Charles Dooley
Charles Hanson Gale
John Arthur Herculson
Harold Mark Hook
Charles Albert Lane
Albert Daniel Leary
Richard Loring Max
Vivian Milne Metcalf
John Joseph O'Donnell
James Joseph Saunders
Henry Edwards Scott, Jr.

Ethel Irene Andrews
Pauline Bickford
Arline Brookings
Hazel Ferna Brown
Florence Mary Buck
Marion Electa Buffum
Alice Eva Caldwell
Mabel Rose Cummings

Dorothy Imelda Dilks
Lillian Elizabeth Dogherty
Elsa Henrietta Dohne
Mildred Isabel Donaghy
Hazel Palmer Foster
Bertha Emily Gilliatt
Sarah Elizabeth Dorothy Gordon
Mildred Evelyn Hall
Ella Helen Kosofsky
Harriet Jeanne Lanctot
Gertrude Rose Laverty
Dorothy Lynde
Mary Fitzgerald McGoldrick
Helen Mary McMahon
Marjorie Ethel Mahoney
Agnes Virginia Nestor
Dorothy Frances Nichols
Gertrude Mary O'Brien
Marjorie Almira Parsons
Bertha Marie Piper
Rose Loretta Reynolds
Isabella Agnes Robertson
Caroline Elizabeth Roscoe
Ida Jane Rossell
Hezel Mae Simpson
Ivy Christina Simpson
Mildred Wright Sprout

HONORABLE MENTION

Asterisks Indicate Advanced Work

Arline Brookings	*English
Hazel Ferna Brown	*English, French, History, *Commercial Subjects
Walter Parker Francis Busam.....	*English, *Mathematics
Elsa Henrietta Dohne	*English, *Latin, German, *Mathematics
Hazel Palmer Foster	*English, *Commercial Subjects
Charles Hanson Gale	*English
Bertha Emily Gilliatt.....	*Latin
Sarah Elizabeth Dorothy Gordon	*English
John Arthur Herenlson	*English, *Latin, French, *Mathematics
Ella Helen Kosofsky.....	*English, *Commercial Subjects
Charles Albert Lane	*English, *Commercial Subjects
Helen Marie McMahon	*English
Bertha Marie Piper	*English, *Commercial Subjects
Ida Jane Rossell	*Commercial Subjects
Henry Edwards Scott, Jr.	French
Mildred Wright Sproul	*English, *Latin

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.

June twenty-eight, Nineteen hundred eighteen.

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

Fred C. Carroll

"Winter Song" Bullard
Boys' Glee Club

Essay, "The Gift of France to the World"

Arthur T. Joyce

"Demande et Reponse" }
"La Tarantelle" } Concert Suite by Coleridge-Taylor
School Orchestra

Valedictory Essay, "Young America's Responsibility"

Edith H. Crosby

"To America" Gilbert
School Chorus

PRESENTATION OF DIPLOMAS

By Hon. Benjamin F. Haines

"America"

GRADUATING CLASS

Boys	Girls
Therrol Reuben Chaplain Andrews	Ella Estelle Alvino
Frank Sibley Archer	Mary Hazen Appleton
Roger Wolcott Blakely	Gertrude Emma Ashley
Francis James Bowler	Beatrice Marie Bailey
Paul Edmund Boyle	Florence Christina Baker
Percival Orrok Brown	Rosella Anna Ballou
Laurin Dudley Bumpus	Lillian Margaret Barry
James Clarence Campbell	Margaret Caroline Berglof
Luke Capozzoli	Catherine Mary Bray
Fred Charles Carroll	Gertrude Adelaide Burke
Elmer Joseph Christenson	Ruth Catherine Cantell
Roland Davis Clapp	Regina Marie Carroll
David Douw Collin	Constance Veronica Carter
Raymond Francis Connor	Mary Agatha Cleary
Chester Lawrence Connors	Julia Veronica Condon
William Henry Connors	Harriett Alexandria Constantine
Minot Sargent Desmond	Lettie Blanche Cook
Thomas DiStasio	Edith Hill Crosby
Charles Hambleton Dixon	Clarice Marguerite Cuerier
Charles James Donnellan	Ruth Freida Cullington
Frederick Augustus Dyer	Dorothy Elizabeth Curran
Forrest Edwin Emerson	Verna Marjorie Daley
Marlin Downer Farnum	Constance Suvilla Dalton
Francis Albion Farr	Myrtie Louville Davenport
Max Fierman	Agnes Frances Doherty
Leon Lewis Furr	Elizabeth Isabel Duffee
Thomas Austin Garrity	Cathleen Frances Dunn
Joseph Francis Haggerty	Thelma Gertrude Dunn
Ralph Pillsbury Hall	Augusta Josephine Dwyer
Thomas William Harrington, Jr.	Blanche Elizabeth Ellsworth
Eugene Walter Hartnett	Ruth Ellen Emery
Mortimer Sayles Hoisington	Bernice Edna Flint
Horace Weston Howe	Virginia Foque
William Hulme	Jane Crompton Fowler
Wendell Vincent Ingraham	Mary Etheldreda Frazier
Henry Joseph Jeffress	Elsa Gertrude Gill
Arthur Thomas Joyce	Helen Jean Glendenning
George Aloysius Kelley	Dorothy Richards Grant
Ralph Woodbury Lakin	Helen Catherine Hadden
Eugene Ferdinand Lecomte	Christine Therese Hansen
Lucien Louis Lecomte	Grace Cecilia Harrington
Ernest Linwood Littlefield	Alice Dick Harris
John Joseph Lynch	Gladys Gertrude Harvey
Ralph James MacArthur	Catherine Eleanor Hennessy
Warren Hall McClellan	Alice Hillebrand
Joseph McNeill	Gladys May LaBonte
Ernest Weaver Mander	Marion Haven Lane
Walter Keif Maroney	Doris Rebecca Lawton
Ashley Ernest Mills	Veronica Theresa Leahy
Philip Mooney	Mary Elizabeth Little
Stuart Henry Morgan	Mary Frances McCarthy

GRADUATING CLASS—Continued

Boys

Frank Irving Mullett
 Andrew William Nelson
 Francis Charles O'Brien
 Charles William Olmstead
 Richard Elmer Osgood
 Edward Douglas Papkee
 Hilton Leslie Parham
 Clyde Nash Partington
 Emil Lockhart Posselt
 Charles Edward Prest
 Clifton Alpheus Randolph
 Albert Marvin Roscoe
 Edward Clifford Saville
 Clarence Henry Shaw
 Frank Edward Shaw
 Harold James Shaw
 Paul Godfrey Steinhauser
 Robert Burton Stephens, Jr.
 Douglas Patten Steward
 Nelson Mann Theodore
 Everett Adams Tisdale
 Francis Fitzgerald Vye
 Roy Christian Wagner
 James Frank Waterman
 Frank Balcom Wellington
 John Wesley Westcott
 Walter Merrill Wheeler
 Thomas Sanders Whittaker
 John Kenneth Wright

Girls

Margaret Mary Macdonald
 Dorothy Bordman McPeck
 Mary Louise Magennis
 Grace Josephine Moody
 Phyllis Bernice Morton
 Marion Grace Newey
 Doris Mabel Norton
 Eileen Marcella O'Brien
 Edna Regina O'Hara
 Marjorie Frances Parker
 Marjorie Phillips
 Rose Ida Phillips
 Mildred Pinkham
 Florence Catherine Plummer
 Gladys May Price
 Rose Pritzker
 Dorothy Proctor
 Lillian Nancie Reid
 Elizabeth Marion Richings
 Josephine Christine St. George
 Harriet Adelia Scott
 Bertha Luranah Smiley
 Bertha Spencer
 Miriam Starr
 Mary Theresa Sweeney
 Jeannette Estelle Sweetser
 Edith Charlotte Swenson
 Pauline Audrey Teel
 Madeleine Thompson
 Minnie Mabel Valentine
 Marjorie Jeannette Vradenburg
 Georgina May Wallace
 Thelma Townley Webber
 Cora Beatrix Weinhold
 Doris Rosamond Weston
 Susan Ellen Wetherbee
 Cecilia Mary White
 Marion Elizabeth Winslow
 Anita Lauriat Woodward
 Ethel Mae Wrye
 Florence Margaret Ysebaert

HONORABLE MENTION

Asterisks Indicate Advanced Work

Beatrice Marie Bailey	*Latin
Florence Christina Baker	*Latin, French
Rosella Anna Ballou	Mathematics
Lillian Margaret Barry	*Commercial Subjects
Faul Edmund Boyle	*Latin, French, *Mathematics
Constance Veronica Carter	*English, History
David Douw Coffin	*Latin, German, *Mathematics
Julia Veronica Condon	*English, French
Raymond Francis Connor.....	*Mathematics
Edith Hill Crosby.....	*English, *Latin, French, *Mathematics
Agnes Frances Doherty	French
Cathleen Frances Dunn	*Commercial Subjects
Augusta Josephine Dwyer	French
Francis Albion Farr	*English
Eugene Walter Hartnett	*Commercial Subjects
Catherine Eleanor Hennessy	*English
Horace Weston Howe	*English, *Latin, French, *Mathematics
Arthur Thomas Joyce.....	*English
Marion Haven Lane	Freehand Drawing
Doris Rebecca Lawton	*English, *Cooking
Eugene Ferdinand Lecomte..	French, *Mathematics, Freehand Drawing
Lucien Louis Lecomte	French, *Mathematics,
Mary Elizabeth Little	*English, *Mathematics
Margaret Mary Macdonald.....	*English, French, *Commercial Subjects
Grace Josephine Moody	*Latin
Clyde Nash Partington	French
Dorothy Proctor	*Latin, *Mathematics
Elizabeth Marion Richings ...	*English, French, *Commercial Subjects
Pauline Audrey Teel	*Latin, French, *Mathematics
Nelson Mann Theodore	*English, *Mathematics
Everett Adams Tisdale	*Latin, French, *Mathematics
Marjorie Jeannette Vradenburgh	*English, *Commercial Subjects
Anita Lauriat Woodward	French

Honorable mention is given in the following groups:—English, Latin, French, German, History, Science, Mathematics, Drawing, Commercial Subjects, Domestic Arts, 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, 1918.

Brooks School

Girls	Boys
Gertrude E. Berry	Paul Briggs
Eleanor Brookings	Wilfred E. Campbell
Emma M. Lamborghini	Lewis E. Cobb
Jean M. Mahoney	Richard B. Covelle
	Charles F. Guptill
	John Hancock
	Frederick C. Lynch
	Winthrop M. Puffer
	Charles A. Roberts
	Ralph B. Thompson
	Wesley P. Wilmot
	Donald B. Macmillan

Centre School

Girls	Boys
Ethel M. Adams	Joseph B. Anderson
Viola U. Akerblom	Robert W. Andrews
Ruth W. Arch	Oren A. Armstrong
Mary F. Beaucher	Hugo S. Bagnulo
Rhea M. Blaine	*John L. Bruno
Elsie A. Britton	Jeno Cappuccio
Helen F. Childs	Salvatore E. Cataldo
Margaret K. Connolly	William A. Coffey
Gwendolin A. Croy	D. Joseph Condon
Doris Crosby	Edward L. Cotting
Ruth O. Damrell	Karl P. Cushing
Eva M. Deguoio	Edward J. Dewey
Ruth F. Dickson	*Harold E. Dixon
Blanche I. Dinsmore	Earle E. Drinkwater
Ilene M. Draper	Romeo R. Gallerani
Genevieve M. Duffee	Harold H. Gately
Louise Durrant	Edward T. Gilligan
Doris E. England	F. Homer Glaven
Sadie Federman	Alton B. Gowen
Annella Ferullo	*Alfred W. Gunther
Hazel M. Fierling	T. Richard Hale
Mary Fitzpatrick	Edward Hanrahan
Melita B. Flanagan	Richard A. Hefter
Dorothy D. Foster	Selwyn L. Hollis
Audrey M. Gilman	*Chester L. Hughes
Ruth Harvender	Elinar J. Johnson
Beulah C. Higgins	John J. Kennedy
Mildred Higgins	Roland D. Kerrigan

CENTRE SCHOOL—Continued

Girls	Boys
Marion E. Howland	Harold F. LeBert
*Helen A. Johnson	Sidney L. Leedham
Mary A. Kane	Louis J. Lowney
Marion L. Kennedy	Paul E. McCaffrey
Helen Kerrigan	Norman J. MacConnell
Esther M. Lewis	Ronald J. MacDonald
Frances V. Lowney	Charles H. MacIsaac
Gertrude M. McBrearty	Eugene S. MacLean
Grace McFall	R. Willis MacLean
Dorothy B. McGrath	Edward J. Magennis
Leona H. McGraw	Joseph H. Malloy
Isabel A. MacLean	*E. Mark Margeson
Catherine M. McManus	Joseph A. Melvin
Laura R. MacQuestion	Joseph C. Menkello
Lucie A. Mahoney	Edmund E. Moldt
Virginia M. Marchetti	Christian W. Moore
*Dorothy I. Mitchell	G. Edward Morgan
Bice Mosca	William F. Morton
Gladys C. Nazarro	Edward L. Murphy
*Ella J. Pitcher	Vincent P. Nestor
Alice G. Robes	William A. Regan
Olive E. Rogers	Charles E. Reynolds
Jeannette Rooney	Charles F. Richenberger
Ruth Rossell	Humbert A. Sartori
Gladys F. Ryan	Royal W. Saville
Doris E. Shepard	Charles E. Siekman
Nora N. Simone	Ralph H. Smiley
Marion I. Smith	Emanuel Starr
Agnes I. Springer	Howard C. Stockton
Ethel Steinberg	George J. Sullivan
Marion I. Stevenson	John E. Theodore
Ethel M. Stoyles	Amos E. Wilkes
Louise Teel	Leong W. Yu
Edith V. Tewksbury	
*Esther E. Thompson	*Did not enter High School.
Dorothea H. Trainor	Entered High School, February,
Mary A. Vye	1918, 94 per cent.
*Margaret J. Watson	
Regina Welch	
Bertha Wellington	
Odessa E. Winslow	
Harriet E. Wyman	

2. Pupils Promoted to High School, June, 1918

Centre School

Girls

Louise C. Anderson
 Viola A. Ballou
 Marjorie E. Bartlett
 Dorothy J. Bates
 Elsa E. S. Benson
 Margaret P. Boleyn
 Alice R. Browne
 M. Norma Burnham
 Myrtle D. Campbell
 Vivian B. Cathcart
 Miriam F. Catton
 Florence R. Clark
 Louise T. Olark
 Dorothy G. Cole
 Margaret W. Conners
 *Vivian E. Crawford
 M. Roquetta Curtin
 Marjorie Curtis
 Pearl E. Davis
 Elisabeth Dowd
 Ethel M. Esam
 Nellie Fago
 E. Marion Farr
 Anna M. Finnin
 Edith M. Frazier
 Frances T. Griffin
 *E. Eveline Hesketh
 *Dorothy E. Hodgkins
 Edith K. Ingersoll
 Kathleen Johnson
 *Blanche E. Kendall
 Miriam L. Leary
 Marion E. Leavitt
 Mildred M. Lee
 Augusta Lossez
 Clara E. Lucia
 Alice I. Lundin
 *Evelyn S. McCarthy
 *M. Isabel McLean
 Margaret C. Madden
 Helen L. Madigan
 M. Evelyn Malloy
 Dorothy L. May
 Anna Miga
 *Florence G. Mitchell
 Margaret C. Murphy
 *Ruth M. Murray
 Frances O'Brien
 Mary O'Brien

Boys

Archibald J. Anthony
 Edgar C. Babcock
 Robert M. Baldwin
 Alfred J. Baptiste
 Elmer H. Bernard
 *John F. Blackburn
 Harold W. Borns
 *Harold S. Brissenden
 William C. Brooks
 Cecil C. Buck
 C. Clarence Campbell
 Lawrence Carew
 Henry J. Carrol
 Robert G. Cass
 *George H. Chretien
 Edmund Cochrane
 W. Maurice Davidson
 *Emo F. DeCarpis
 Thomas P. Donaghue
 Neal R. Dowe
 *James M. Elliott
 Edward F. Fenton, Jr.
 George H. Ford
 Edward L. Gaffney
 Raymond M. Gerraughty
 *Henry J. Graham
 *William R. Gretscher
 Joseph W. Hammond
 Ebenhardt Hanson
 Harold C. Hathaway
 Paul F. Higgins
 Edward W. Holland
 *Parker L. Ingalls
 Austin G. Jackson
 Adolph E. Johnson
 *Michael Kohute
 Harold B. Lawrence
 *David I. Leary
 Manuel Lipson
 William J. Lowther
 Basil A. MacDonald
 James J. MacDonald
 John J. Manning
 Ralph F. Manning
 Elmer D. Menard
 *Roy E. Millen
 Ernest H. Morash
 John F. Murphy
 Austin Nickerson

CENTRE SCHOOL—Continued

Girls	Boys
Margaret M. O'Donnell	Thomas F. Norton
Adelaide L. Osthues	*Charles H. Odams
Thelma L. Prescott	Cecil W. Pride
Jane M. Quinn	Alan P. Richards
Marjorie E. Redding	Edwin C. Ritchie
Gladys L. Reid	John A. Robertson
Ethel M. Riley	Nelson Robinson
*Elfrieda G. Rogge	George V. Rogers
*Ethelyn N. Sesiions	*A. Grant Rooney
Helen L. Sheehan	James A. Ross
Helen M. Stokes	*Philip Ruskin
Lyle S. Thorpe	Howard A. Saltmarsh
Mabelle Toomey	Alvan G. Smith
M. Louise Tucker	Ronald C. Smith
Germaine M. VanLaethem	*Harold G. Somers
Eleanor M. Walker	Daniel L. Spillane
*Mary F. Walsh	*John B. Tallent
Doris Ward	Elmer V. Telfer
Emma H. Watson	Samuel S. Thorpe
Grace White	E. Lloyd Turner
*Alice M. Wilkins	F. Douglas Veinot
Marjorie L. Wyman	Charles D. Vye
*Marian A. Young	Franklin M. White
	*Theodore S. Ward
	Franklin M. White
	Edward S. Whitney
	Paul G. Wilkins
	Laurence Wray

*Did not enter High School.
Entered High School June, 1918,
80 per cent.

APPENDIX D
ORGANIZATION OF SCHOOL STAFF
December 31, 1918

(Full Face signifies attended without graduation.)

Teachers	Department	Where educated.	When elected.
Fred H. Nickerson, A. M.,	Superintendent	Bates, Harvard,	1900

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 Mathematics,	Harvard, Mass. Institute of Technology,	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. Subjects,	Bowdoin, Simmons, Boston University,	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
Arthur Schubert, A. B.,	English, German,	Bates, Middlebury,	1916
Arthur W. Johnson,	Bookkeeping, Arithmetic,	Bay Path Institute, Boston University,	1917
Albert W. Swenson, A. B.,	French.	Tufts.	1918
Robert S. Easter, A. B.,	History. Civics,	Harvard.	1918
Nelson A. Laird,	Physical Training,	Colby Academy,	1918
Marcia H. Smith, A. B.,	Latin, German,	Wellesley.	1909
Carrie M. Tozier, A. B.,	English,	Colby,	1906
Esther E. Ladd, A. B.,	Latin,	Tufts.	1911
Martha C. Bennett,	Stenography, Type-writing,	Mass. College of Commerce.	1911
Bessie J. Mason,	Bookkeeping,	Plymouth Business College. Emerson School of Oratory,	1912
Lillian R. Edmands, A. M.,	Biology, Botany,	Mt. Holyoke, Tufts.	1912
Elizabeth W. Carvell,	Stenography, Type-writing,	New Brunswick Normal. Bryant & Stratton Commercial School,	1913

Grace F. Garvin,	English,	Potsdam Normal,	1909
Octavia Chapin, A. B.,	Chemistry, Physics,	Tufts,	1914
Mabel A. Gannett,	English,	Brown, Boston University	1914
Laura 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,	Steybeerisschen Inst., Leipzig; La Sorbonne, Paris.	1915
Miriam R. Woolley,	Millinery, Sewing.	Simmons,	1915
Dora S. Perkins, A. B.,	English,	Boston University, Mt. Holyoke,	1916
Lubelle H. Hodgman, A. B.	Latin,	Colby. Farming- ton Normal,	1915
Madeline C. Brydon, A. B.,	English, History.	Smith,	1916
Jennie M. Pedersen.	Bookkeeping, Com. Geog.,	Salem Normal,	1916
Helen S. Stover, A. B.,	English,	Boston University,	1917
S. Marie Wakefield,	Cooking, Sewing,	Nassau Institute,	1917
Gladys Brock, A. B.,	English,	Radcliffe,	1917
Constance Flanders, S. B.,	General Science,	Boston University,	1918
Emily P. Burdon, A. B.,	French,	Boston University,	1918
Helen M. Farwell, A. B.,	English Correspond- ence,	Boston University, Harvard,	1918
Ethel F. Perkins, B. M.,	Arithmetic, Corre- spondence,	N. E. Conservatory of Music.	1918
M. Gertrude Fairbanks,	Stenography, Type- writing.	Burdett's Buisness College.	1918
Gertrude A. Maycock,	Stenography, Type- writing.	Salem Commercial College,	1918
Gertrude F. Holland, A. B.,	French,	Tufts, Harvard,	1918
Josephine A. Lane, A. B.,	English,	Smith, Harvard,	1918
Ruth M. Killian, A. B.,	Mathematics,	Boston University,	1918
Marian W. Raymenton, A. B.,	Clerk,	Tufts,	1918

*Department of Ancient Languages

†Department of Modern Languages

SWAN JUNIOR HIGH SCHOOL

George F. Weston, Jr., A. M., Principal,	Brown University,	1917
Cecilia A. McCarthy,	8A., Salem Normal, Bryant & Stratton Commercial School,	1910
Lucille M. Dunton,	8B., Somerville High,	1906
Alice D. Ayres,	8B., Norwich Academy,	1908
Ruth J. Bradley,	8B., Westfield Normal,	1918
Marion Pierce,	7A., Concord Training School,	1910
Bertha R. Davis,	7A., Fitchburg Normal,	1910
Helen L. Hanson,	7A., Kingfisher College,	1917
Alma A. Thomas,	7B., Tufts College,	1910
Alta I. Carswell, B. A.,	7B., Wellesley College, Boston University,	1918
Lena A. Snowman (Mrs.),	7B., Hyannis Normal,	1918

CENTRE SCHOOL

Nilla G. Clinton, Prin.,	8A., Framingham Normal,	1911
Frances M. Eastman, A. B.,	8A., Smith College,	1902
Lida M. Mann,	8A., Gorham Normal,	1917
Josephine E. Welsh,	8B., Salem Normal,	1917
Elizabeth R. Carty,	8B., Girls' High, Boston,	1891

WASHINGTON SCHOOL

Alice D. Bowen,	Principal, Salem Normal, Radcliffe,	1915
Annie E. Durgin,	6A., 6B., Salem Normal,	1877
Edhel E. Asker,	6B., 5A., Fredericton Normal, N. B.	1900
Sara K. Ordway,	5B., Salem Normal,	1916
Mary P. Titcomb,	4A., Girls' Latin, Boston, Harvard,	1904
Medeline E. Connor,	4B., 3A., Salem Normal,	1914

FRANKLIN SCHOOL

Alice D. Bowen,	Principal, Salem Normal, Radcliffe,	1915
Mary Waitt,	6A., Coffin School, Nantucket,	1903
Mabel Seward,	6A., 6B., Farmington Normal, Me.,	1912
Dorothy C. Little,	6B., Bridgewater Normal,	1917
Anna L. DeAvellar,	6B., Salem Normal,	1915
Helen G. Manley,	5A., Salem Normal,	1916
Gertrude P. Dwyer,	5A., 5B., Mt. St. Vincent College,	1916
Anna M. Roberts	5B., Hyannis Normal,	1901

EVERETT SCHOOL

Ida L. Hartshorn, Principal,	3B., Medford High School,	1872
Alice C. Reed,	2A., 2B., Hyannis Normal,	1893
Margaret L. Purcell,	2B., 1A., Lowell Normal,	1917
Ruth K. Burrage,	1R., Bridgewater Normal,	1898

OSGOOD SCHOOL

Elizabeth T. Newell, B. S.,	Principal, Columbia University, Gor-	
	6A., 6B. ham Normal,	1914
Caroline H. Corey,	5A., 5B. Hyannis Normal,	1913
Mary L. Baxter,	4A., 4B. Salem Normal. Simmons,	1918
Bertha C. Brown,	3A., 3B. New Britain Normal,	1896
Helen N. Wilson,	2A., 2B. Perry Kg. Tr. School,	1916
Josephine W. Leighton,	1A., 1B. Portland Training School,	1915

JAMES SCHOOL

Nellie M. Baker, Principal,	5B., 4A. Farmington Normal,	1897
§Alice H. Moore,	Assistant.	
Katherine M. Clark,	4B., North Adams Normal, . . .	1908
Emma J. Bresnahan,	3A., Salem Normal,	1907
Melissa J. Hargraves,	3B., Perry Kg. Train. School,	1917
Ruth S. Wardwell,	3B., 2A., Miss Wheelock's Kg. Tr. School,	1915
Marian Poole,	2B., Bridgewater Normal,	1910
Ruth W. Carpenter,	1A., 1B., Miss Fisher's Kg. Train. School,	1898
Anna S. Tucker,	1B., Miss Symonds' Kg. Train. School,	1914

CURTIS SCHOOL

Marie L. Leach,	4B., 3A., Framingham Normal,	1917
Amy W. Bradbury,	3B., Salem Normal,	1909
Jennie S. Archibald, Principal,	2A., Medford High School,	1890
Agnes G. Sweeney,	2B., Salem Normal,	1903
Josephine A. Martin,	1A., 1B., Oread Institute,	1905
Gladys C. Day,	1B., Miss Wheelock's Training School,	1918

BROOKS SCHOOL

Bertrand Hooper,	Principal, Boston University, Burdett Business College,	1918
Gertrude S. Light, Prin. Assist.	8B., Girls' High. Boston,	1884
Lena E. Patten,	7A., N. H. State Normal,	1910
Bertha E. Forster,	7B., Fitchburg Normal,	1903
Grace W. Lilly,	6A., Farmington Normal,	1904
Ethel M. Crook,	6B., Eastern State Normal,	1916
Maud W. Bacon,	6B., 5A., Eastern State Normal,	1915
Alice F. Wilbur,	5A., 5B., Bridgewater Normal,	1889
Annie P. Danforth,	5B., Salem Normal,	1903
§Anna C. Ingraham,	4A.,	
Annie W. Hubbard,	4B., Bradford Academy,	1897
Elizabeth J. Colcord,	3A., Salem Normal,	1915
Mabel E. Sweet,	3B., Eastern State Normal,	1918
Jeannette M. Falconer,	2A., Perry Kin'garten Normal,	1918

GLEASON SCHOOL

Catherine W. Billings, Principal.	2B., 1A..	Quincy High.	1892
Alice L. Bryan,	1B.,	Miss Symonds' Tr. School	1895

HERVEY SCHOOL

Ella L. Allen, Acting Principal,	2B.	Medford High School.	1893
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.	Principal	Bridgewater Normal, Harvard,	1910
Mary E. Frye, Principal's Assistant,	7A..	Farmington Normal. Me..	1912
Vandelia A. Dexter,	7B..	Salem Normal.	1909
Gertrude B. Thyng,	7B..	Farmington Normal, Me.,	1912
Annie M. Henderson,	6A.,	Coburn Institute.	1914
Helen I. Whipple,	6A.. 6B..	Boston University, Hyan- nis Normal,	1917
Harriett B. Garritt,	6B..	Framingham Normal.	1911
Ila D. Berry,	6B.. 5A..	Bridgewater Normal.	1918
Minnie E. Kattell,	5A..	Hyannis Normal,	1914
Margaret E. Troxell.	5A.. 5B..	Shippensburg Normal, Pa..	1917
Ruth A. Brown,	5B.,	Hyannis Normal.	1917
Josie L. Blakely,	5B.. 4A..	Salem Normal.	1904
Della E. Joslin,	4A.. 4B..	Bridgewater Normal.	1902
Emma A. Davis,	4B.. 3A..		
Genevieve F. Kane.	3B.,	Gorham Normal.	1916

HANCOCK SCHOOL

Ida B. Jacques, Principal.	5B.. 4A..	Aroostook State Normal.	1918
Geneva M. Young,	4B..	Eastern State Normal.	1913
Mary E. Forsythe.	3A.. 3B..	Plattsburg Normal.	1916
Winifred M. Crockwell,	3B.. 2A..	Salem Normal.	1908
Laura A. Hillman,	2B..	Miss Fisher's Kg. Train. School,	1917
Marjorie F. Green,	2B..	Miss Wheelock's Kg. Train. School,	1917
Lena R. Volpe,	1A..	Miss Wheelock's Kg. Train. School.	1914
Annie M. Jenness,	1B.,	Froebel Training School.	1912

CRADOCK SCHOOL

Alice G. Phemister,	4B., 3A., Mrs. Perry's Training School,	1905
Adelaide S. Herriott, Principal,	3B., 2A., Hyannis Normal,	1878
Elizabeth Van H. Frame,	2B., 1A., Castine Normal,	1915
Miriam P. Clark,	2B., 1A., Lowell Normal,	1910

HILLSIDE SCHOOL

Mabel T. Kalloch, Principal,	2A., 2B., 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,	8B., Denver City Normal,	1901
Mabel S. Brown,	7A., Plymouth Normal,	1918
Adella L. Adams,	7B., Hitchcock Academy,	1919
Nellie B. Mansfield, A. B.,	7B., Tufts,	1918
Mary E. Gorman,	6A., Salem Normal,	1907
Anna D. Rose,	6A., Salem Normal,	1915
E. Alice Payne-Sills,	6B., Provincial Normal, N. B.,	1892
Harriet E. Gage,	6B., Salem Normal,	1912
Retta Barrett,	5A., Westfield Normal,	1905
Winnifred K. Partridge,	5B., Bridgewater Normal,	1916
Edith G. Wheaton,	5B., Salem Normal,	1915
Abbie C. Moxley,	4A., Castleton Normal,	1917
Martha S. Wheeler,	4B., Salem Normal,	1914
Hazel McFawn,	4B., Framingham Normal,	1918
Grace Titecomb,	3A., Salem Normal,	1911
Helen Gray,	3B., Miss Wheelock's Kg. Tr. School,	1918

TUFTS SCHOOL

Jessie M. Dinsmore, Mary E. Gilligan,	Principal, Hyannis Normal, 3B., Boynton High, Eastport, Me.,	1885 1916
Mary I. Phemister, Ada V. Dolan,	2A., Chelsea High School, 2A., 2B., Salem Normal,	1897 1915
Emma E. Whitney, Estelle F. Stetson,	2B., Framingham Normal, 2B., 1A., Salem Normal,	1894 1913
Helen L. Whalen, Jane M. Barnard,	1A., Salem Normal, 1B., Miss Symonds' Kg. Train. School,	1918 1896
Marion P. Goodwin,	1B., Miss Simonds' Kg. Train. School,	1910

FULTON STREET SCHOOL

Mary Coffey, Prinipal,	3A., 3B., Salem Normal,	1915
Clara M. Crowe	2A., 2B., Salem Normal,	1915
Pauline Jacquith	1A., 1B., Lesley Training School,	1918
§Substitute.		

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
Marion Buttrick, Domestic Science, Sewing....	Simmons College,	1918
Joseph T. Whitney, Manual Training.....	M. I. Technology,	1894
Melvin V. Weldon, Asst., Manual Training.....		1912
Gunnar S. Gustafson, Asst., Manual Training..	Sloyd Train. School,	1918
Glennie A. Allen, Gymnastics, Boston School of Physical Education,		1916
Leicester F. Hamilton, Military Instructor.....		1917
Clifton W. M. Blanchard, Penmanship.....	Bridgewater Normal,	1911

EVENING SCHOOL

Clifton W. M. Blanchard, Principal.....	Penmanship
Philip I. Towle, Superv. H. S. Dept.....	Bookkeeping
Harry H. Fogg.....	Mechanical Drawing
Labelle H. Hodgman.....	Non-English Speaking Class
Bertrand Hooper	Civil Service Preparation
Cecilia R. McCarthy.....	Typewriting
Josephine Wentworth	Typewriting
Lillian R. Edmands	Commercial Arithmetic, English
Elizabeth W. Carvell	Stenography
Martha H. Noyes	Stenography
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
Lawrence J. Carew, 41 Martin Street.....	Gleason and Brooks Schools
Dennis J. Connors, 42 Summer Street.....	Centre and Cradock Schools
George E. Giles, 187 College Ave...Lorin L. Dame and Hancock Schools	
John A. Kane, 9 Crescent Street	Lincoln School
Wilford N. Parkin, 15 Irving Street, West Medford.....	Hervey and Hillside Schools
Edgar A. Hall, 6 Simonds Court.....	Curtis School
Charles B. Fales, 30 Walnut Street.....	James and Osgood Schools
Charles H. Abbott, 189 Salem Street.....	Fulton Street School
John Boleyn, 49 Frederick Avenue.....	Tufts School

Report of the Fire Department

Hon. Benjamin F. Haines,

Mayor of City of Medford.

Dear Sir:—

As required by Section 31 of the Revised Charter, I submit you the following report of the Fire Department for the year ending Dec. 31, 1918. I assumed charge of the Department as Chief Sept. 10, 1918, on the death of our former Chief, C. E. Bacon, who served the city faithfully in the Fire Department over a period of thirty-one years, first as a hoseman of old Hose 2 (now Company A), West Medford. He rose from this position in the ranks to the highest in the Department, that of Chief. Of a kindly nature, his death was a distinct loss to the Department, and the city as well.

Fires and Losses

The whole number of alarms during the year ending Dec. 31, 1918, was 435. Two hundred and six of these were received from street boxes and 229 were received by telephone:

Property at risk	\$542,033 00
Insurance on same	401,974 00
Loss	98,239 70

Services of the Department for 1918

	Feet of hose laid	Gals. of chemical	Feet of ladders	Miles traveled
Engine 1	17,900	36	..	385 30
Combination A	4,800	417	16	216 00
Combination B	6,200	726	25	380 00
Combination C	11,900	680	46	705 00
Combination E	7,600	223	106	357 30
Ladder 1 .....	..	953	1,269	262 00
Ladder 2 .....	..	476	847	300 00
	<hr/>	<hr/>	<hr/>	<hr/>
	48,400	3,511	2,309	2,605 60

About 1,600 feet of 2½-inch single jacket hose has been condemned during the year. This must be replaced to bring the Department up to the usual equipment of hose. There is about 3,000 feet more of single jacket that is not in the best of condition and will have to be replaced in the near future.

I would recommend that no more single jacket be purchased in the future, as experience has proved that it does not give enough service as compared with double jacket to offset the difference in cost; also the fact that the failure of single jacket at a critical time might imperil the city. The Department has on hand 8,400 feet of 2½-inch hose; it should have at least 10,000 feet. I have taken care of this item in my recommendations for the Department.

Respectfully submitted,

THOMAS A. QUALEY,
Chief of Fire Department.

Report of Superintendent of Wires and Gas Fitting

Medford, Mass., Jan. 1, 1919.

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

Dear Sir:—

I have the honor of submitting the eleventh annual report of the Department of Wires and Gas Fitting, Fire and Police Signals and Street Lights, for the year ending December 31, 1918,

Police Signal System

By almost constant work on the overhead wires of this signal system, and by replacing with short pieces wherever the old wires break, I have been able to keep the system working.

About three miles of the overhead wire should be replaced by new wire and construction this year.

Fire Alarm Signal System

The new signal apparatus has been installed and has proved very satisfactory. More than two hundred bell alarms have been transmitted correctly, and with proper care it will continue to give satisfactory results for years to come.

The underground wires are all connected and are giving good results. It would be advisable to continue more of this underground construction.

Street Lighting

During this year there have been very few nights that there has been any interruption of the lighting of the city streets.

But there has been a great increase of streets lights broken by boys, and that leaves the street in darkness until the night patrolman repairs the damage.

I also draw your attention again to the poor lighting condition of Salem Street, from the Malden line to Medford Square.

At present there are two hundred and six and one-half 250 C. P. lamps burning from dusk until daylight, at \$60 per year.

Sixteen 250 C. P. lamps, burning from dusk until mid-light, at \$43.80 per year.

Eight hundred thirty 60 C. P. lamps burning from dusk until 2 a. m. at \$15 per year.

Expenses

	Appropriated	Transferred from other accounts	Receipts	Expended	Transferred to other accounts	Balance
Salary of Supt.	\$1,500.00			\$1,500.00		
Electrical dept. expenses	360.00		\$262.00	615.91		\$6.09
Fire and Police signal service	400.00	\$9.58		400.58		
Street Lighting	25,500.00			25,314.40	\$19.58	185.60
Salary of Lineman	700.00	10.00		710.00		

Recommendations

Salary of Superintendent	\$ 1,800 00
Electrical Department Expenses.....	500 00
Fire, Police Signal System.....	500 00
Street Lighting	26,000 00
Salary of Lineman	1,248 00

Gas Piping and Fixtures

Number of permits issued for meters.....	92
Number of tests and inspections	672

Interior Wiring of Buildings

Number of permits issued for meters.....	134
Number of wiring notices received.....	640

Respectfully submitted,

HENRY A. GAFFNEY,

Superintendent of Wires and Gas Fitting.

Report of the Board of Health

To the Honorable Benjamin F. Haines, Mayor, and Members
of the Board of Aldermen :

We hereby submit our annual report for the year 1918.

Organization

Alfred J. Hawks, M. D., Chairman; Warren S. McIntire and
Walter T. Burke, 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. Pierce, M. D. V., Inspector of Animals and Slaughtering.

Francis W. Lumbert, Inspector of Animals and Slaughtering.

E. R. Fleming, M. D., Tuberculosis Dispensary.

In presenting for your approval and consideration the 27th annual report of the Board of Health, we extend our appreciation of the co-operation given the board by the several departments of the city government; also we would express appreciation of the cordial support and co-operation given the health authorities by the public and the physicians in the prevention of contagious diseases; especially was this evidenced in the influenza-pneumonia epidemic during the fall and winter months.

Financial Report Year Ending Dec. 31, 1918

Recd. from all sources, Account of General Fund..	\$1,500 00
Expended, General Fund	1,487 56
	<hr/>
Balance	\$12 44
Rec. from all sources, Acct. Contageous Diseases..	\$2,369 57
Expended	2,367 44
	<hr/>
Balance	\$2 13
Recd. Account Pay of Inspectors, Appn.....	\$2,250 00
Expended	2,187 50
	<hr/>
Balance	\$62 50

The reports of the several departments are herewith submitted.

Respectfully yours to command,

ALFRED J. HAWKS, M. D.,
 Chairman.
 WARREN S. McINTIRE,
 WALTER T. BURKE, M. D.

REPORT OF MEDICAL INSPECTOR

Medford, Mass., January 1, 1919.

To the Board of Health:

Medford, Mass.

Gentlemen: I herewith submit my report as Medical Inspector for the year 1918.

During my absence, October, November and December,

in the U. S. Army Medical Corps, the work was attended to by Dr. A. J. Hawks, his work being combined with mine in this report.

Visits made:

Chicken Pox	2
Diphtheria	51
German Measles	4
Ophthalmia Neonatorum	14
Gonorrhoea	15
Impetigo	1
Scarlet Fever	3
Tuberculosis	15
Syphilis	3
Scabies	3
Whooping Cough	2

Total	113

Respectfully submitted,

PAUL J. D. HALEY, M. D.

REPORT OF HEALTH INSPECTOR

Medford, Mass., December 31, 1918.

To the Board of Health:

Gentlemen: As Health Inspector, I herewith submit the report for the year ending December 31, 1918.

Inspections were made as follows:

Unclean or unsanitary premises	55
Overflowing cesspool	3
Disagreeable odor, various causes	37
Garbage, pails not properly cared for, etc.	50

Stagnant water	4
Nuisance on vacant land, dumps, etc.	20
Cows, cowbarns, pigpens, henyards, etc.	40
Dead animals on public highways	17
Defective plumbing or water supply.....	24
Bakeries, lunch carts, restaurants	13
Barber shops	9
Infant boarding houses	14
No cause for complaint at time of inspection	20
	<hr/>
Total number of inspections during year.....	306

Respectfully submitted,

EDWARD P. FRAZIER,

Acting Health Inspector.

REPORT OF INSPECTOR OF MEATS AND PROVISIONS

Medford, Mass., December 31, 1918.

To the Board of Health:

Medford, Mass.

Gentlemen: As Inspector of Meats and Provisions, I herewith submit the annual report for the year ending December 31, 1918.

Inspections as follows:

Grocery stores	36
Bakery shops	6
Lunch rooms	7
Baker carts	3
Ice cream parlors	4
Meat markets	32
Meat carts	2

Butter, cheese and egg stores	9
Fruit stores	11
Fish Markets	12
Fish carts	2
	<hr/>
Total	124

Failures to comply with the law :

Meats condemned and destroyed :

		Pounds
Jan.	3, Corned beef, animal heat.....	4
	8,	
	14,	
	21, Pork, tainted	14
	29, Hamburg, sour	7 $\frac{3}{4}$
Feb.	5, Corned shoulder, sour	5 $\frac{1}{4}$
	18,	
	27, Veal, sour	5 $\frac{1}{2}$
Mar.	6, Salt fish, spoiled	7
	18,	
	27, Fowl, moldy	17
Apr.	2, Liver, sour	3
	10, Beef flanks, tainted	4
	22, Spare ribs, sour	2
May	1, Bologna, tainted	6
	17, Frankfurts, mouldy	2
	27, Brisket corn beef, animal heat.....	7 $\frac{1}{4}$
	31, 1 package sausage, mouldy	1
June	5, Beef flanks, sour	2 $\frac{1}{2}$
	18,	
	26, Pigs' liver, sour	3 $\frac{1}{2}$
July	9, 2 chickens, tainted	7
	29, Veal flanks, sour	2 $\frac{1}{2}$
Aug.	6,	
	14, Corned ribs, spoiled	16
	26, Hamburg steak, tainted.....	2 $\frac{3}{4}$
Sept.	11, Salt fish, spoiled.....	6
	16,	

REPORT OF BOARD OF HEALTH

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	30, Pork chops, sour	3 $\frac{1}{4}$
Oct.	3, Corned bones, tainted.....	7
	14, Haddock, tainted.....	6
	22,	
	24, Lamb, forequarter, tainted.....	5 $\frac{1}{2}$
Nov.	11,	
	15,	
	27, Salt pork, spoiled	6
Dec.	5, Beef, tainted	1 $\frac{1}{2}$
	9, Suet, mouldy	3
	18,	
	23, Fowl, tainted	5 $\frac{1}{4}$
	30,	
Total, pounds		163 $\frac{1}{2}$

Respectfully submitted,

FRANCIS W. LUMBERT,

Inspector of Meats and Provisions.

REPORT OF INSPECTOR OF MILK

Medford, Mass., January 2, 1919.

To the Board of Health:

Gentlemen: I have the honor to submit my fifteenth annual report of the Inspector of Milk, for the year ending December 31, 1918.

Total number of licenses granted for the sale of milk	172
For the sale of oleomargarine	52
Whole number of licenses	224

Amount of fees received and paid City Collector..\$ 112.00

I have collected and analyzed 201 samples of milk and cream, taken from wagons and stores, and found 29 that were not quite up to the legal standard.

Eleven samples of vinegar have been tested for percentage of acetic acid and all were found above the legal standard.

Over four hundred notifications and notices regarding registrations, unsatisfactory conditions of premises or cows, or of utensils and methods used in handling the milk supply and of the milk on sale, have been sent out.

An increase of 100% in the number of oleomargarine licenses may be noticed.

Some people hesitate to use oleomargarine and butter substitutes through unwarranted prejudice, when in fact they are healthful and nutritious and much better than a poor grade of butter.

The same may be said about cold-storage food, more especially of eggs on sale during the winter months.

The prejudice against such articles as glucose and pasteurized milk is dying out. It is hoped that the prejudice against oleomargarine and cold storage eggs will soon follow.

This Bureau has repeatedly been called on by The Federal Milk Commission for New England for information, which has been readily furnished. The frequent change in the price of milk has necessitated the notification, by the Inspector, of all stores handling milk of new schedule of prices, for which it could be sold, thus keeping a uniform price throughout the city.

Respectfully submitted,

WINSLOW JOYCE,
Inspector of Milk.

REPORT OF INSPECTOR OF PLUMBING

Medford, Mass., December 31, 1918.

To the Board of Health:

Gentlemen: I herewith submit the twenty-fifth annual report of the Inspector of Plumbing, for the year ending December 31, 1918.

Permits issued to plumb new buildings.....	70
Permits issued to alter or remodel plumbing	40
Permits issued to connect old work with sewer	7
Permits issued last year, work started this year	6
Permits issued last year, work finished this year.....	7
Permits issued this year, work not completed	16
Buildings in which work was subjected to test	90
Buildings in which work was subjected to inspection ..	156
Buildings connected with sewer during year.....	48
Buildings connected with cesspool during year.....	20
Number of inspections during year	560
Number of fixtures installed this year	480

Respectfully submitted,

EDWARD P. FRAZIER,
Acting Inspector of Plumbing.

Report of the Overseers of the Poor

Medford, Mass., January 1, 1919.

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

Dear Sir:—

In compliance with the City Ordinances, the Board of Overseers of the Poor herewith submits its report for the year ending December 31, 1918.

The appropriation for the use of this department amounted to the sum of \$21,437.19, City Home and Outside Relief. The sum actually expended was \$27,386.60.

There has been received by the City on account of this department \$5,849.42, City Home \$727.09, and Outside Relief \$5,122.23, and there is now due about \$1,500 on account of Outside Relief. This amount will be paid to the City later.

There are twenty-six Mothers' Aid Cases with 17 dependents and 117 families with 126 dependents, 20 families with Medford settlement but living elsewhere; a total of 163 families with 278 dependents.

There are now at the City Home sixteen inmates: ten men and six women.

The City Physician, Dr. Barrett, has always willingly and promptly answered any call made on him by this department.

We herewith submit a statement of the receipts and expenditures:—

Outside Relief and Mothers' Aid

Receipts:

From appropriations	\$12,000.00
Transfer from other accounts	1,697.52
Commonwealth of Massachusetts	3,757.06
Other Cities and Towns	1,365.27
	<hr/>
Total	\$18,819.85

Expenditures:

Cash allowances	\$13,370.44
Rent	510.00
Food	1,967.75
Fuel	610.01
Clothing	263.70
Medical aid in homes of persons aided ..	137.07
Medical aid in private hospitals	93.25
Medical aid in other hospitals and institutions ..	1,314.80
Burials	55.00
Miscellaneous under this head	497.83
	<hr/>
Total	\$18,819.85

Receipts	\$18,819.85
Expenditures	18,819.85

City Home

Expenditures:

Salaries	\$1,900.00
Food Supplies	2,123.59
Fuel and light (part of 1917 bills)	1,442.30
Grain	291.24

Clothing	\$ 201.46
Ordinary repairs	138.09
Ordinary equipment	724.43
Medicine	61.00
Miscellaneous	634.55
	<hr/>
Total	\$7,516.75

Receipts:

From appropriation	\$6,000.00
Transfer from other accounts	689.66
From sale of produce	157.51
From sale of stock	150.00
From board, by individuals	96.00
From board by other cities and towns	308.15
From sundry sources	115.43
	<hr/>
Total	\$7,516.75
Receipts	\$7,516.75
Expenditures	7,516.75

The following is the list of stock now at the City Home:

15 pigs
 2 horses
 120 hens
 2 cows

The equipment is in good condition, but the Board recommends that the outer buildings be repaired and painted, the interior of the Home be painted and the furnishings be replaced.

On account of the number of calls made on the City Physician, by this department, we recommend that an increase be made in his salary.

The Board also recommends that the Matron at the City Home be paid \$100 yearly.

Respectfully submitted,

JOHN J. FITZGERALD
GEORGE J. HACKETT
REUBEN M. PITMAN

Overseers of the Poor.

Report of Trustees of Public Library

Medford, March 10, 1919.

Hon. Benjamin F. Haines,

Mayor of the City of Medford.

Sir:

The Trustees of the Public Library herewith present their annual report.

The work of the library has been carried on as usual with the exception of the several interruptions caused by the coal shortage and the influenza.

Together with almost all libraries we are sadly in need of more funds and each succeeding year only adds to our distress.

By comparison with other libraries of the same type and giving the same service it will be found that it has been conducted with a moderate cost of administration and especially so when our various activities are considered.

The unusual prices demanded for everything make it doubly hard to keep within the appropriation, but this we have always managed to do, although always at the expense of something left undone.

At least one more assistant ought to be employed as the number has not been increased for some years while the incidental work has increased tremendously with the growing population and the consequent demands. The librarian is

much hampered by this lack of help for the reason that she is thus obliged to devote time to details and routine that might easily be done by others.

Our storage space for books is inadequate and the prospect of using the floor for this purpose is fast becoming real. The glass floor in the stack room should be enlarged as originally planned and this would give the needed relief.

The wooden part of the main building and the annex were built for dwellings and are fast outgrowing their usefulness for library purposes and the time is fast approaching when prudent men should consider better accommodations and even safer quarters for the valuable collection of books, portraits and historical matter, the greater part of which could never be replaced and thus would be lost for all time.

The main building is shabby for want of repairs and paint but it is impossible for us to do much without a special appropriation.

The trustees are still open-minded as regards the matter of Sunday opening. While this seems desirable, it is only fair to say that the people of our city do not take advantage of the opportunity offered in any great numbers or in fact enough to really warrant its continuance.

In closing we again call attention to the fact that the library should receive the careful thought and consideration of the city officials, remembering that this institution is one of the most important of the municipality.

We refer to the report of the librarian for the details of the work of the year.

Report of the Librarian

To the Trustees of the Medford Public Library.

Gentlemen: The sixty-third report of the Medford Public Library is herewith submitted. Subnormal conditions of

1918 left their imprint here as elsewhere. The main library was kept open 303 days during the year, 296 week days and seven Sundays; the Children's Building only 279 days. The closing of the library on Sundays and Mondays from January 20 to March 1 and the shortening of the hours of opening on other days, on account of the coal situation, to from 1 to 6 p. m.; the closing of the Children's Building on account of the influenza epidemic in the fall and early winter, very perceptibly reduced the figures of circulation for the year; that this reduction is but temporary is evidenced by the fact that 1,267 new registrations were received.

The use of libraries at the present time reveals some interesting facts. The mob patronage of former days when long lines of people, eager not for knowledge, but for the latest sensational novel, is giving way before the claims of students and business men who find that requests for assistance receive the same attention over the telephone as when made in person. The library is now coming into its own, and is generally acknowledged as a helpful business institution. It is a common occurrence for the library to be called up for all sorts of information from chemical formulas to events of history, or from political and legislative matters to the verification of quotations. It is often frequently the case, as well, that whole pages of a book are read to a person at the other end of the line, at a great saving of time to the one asking for help. While such use of the library in no way adds to the figures of circulation it shows that the library is endeavoring to serve the public by keeping pace with modern methods, and also that the reference department should not only be the stronghold of the library but have for its custodian the most efficient and best equipped member of the staff. Such an one we have recently lost through the withdrawal of Miss Cora B. Eames from our working force.

The work of the library has been much hampered by the loss of two members of the staff. The close of the year found us after nine months with a still depleted force. In

March, Miss Katherine Wells resigned to be married, taking with her the best wishes and esteem of her co-workers and of the public which she so courteously served. The position left vacant by Miss Wells remained so for six months; in September Miss Aimée F. Draper of Milton was appointed by your Board to fill the position. In October the Somerville Library offered inducements to Miss Eames to become reference librarian in that library; Miss Draper was transferred from the Circulating Department where she was much needed, and we were obliged to make use of inexperienced help at the desk. Until our salaries for trained workers can be put on a par with those of other libraries we are constantly liable to impressment of our best assistants. One more attendant is much needed. At present when one attendant is absent from sickness or other cause, the librarian is obliged to set aside her own work to fill the place of the absent member. After nine continuous months of such conditions the work of the executive department is hopelessly accumulating; added to this the fact that with all the force present, there are nine hours of each week that she is obliged to fill in at either the circulating or reference desks, would seem to be conclusive evidence that we are very short of the proper kind of help.

Two members of the staff took advantage of the Monday closing in February to give their services to the Metropolitan Red Cross Chapter for filing membership cards. Five others have each given a week of service to the Overseas' Dispatch office at the Widener Library, helping to prepare books for soldiers' camps. About two thousand books contributed by our citizens have been packed and forwarded to either of the two distributing stations, the Boston Public Library or the Widener Library, Cambridge, or sent directly to Camp Devens. Against heavy odds we have endeavored to carry out the demands made upon us by the different branches of the national government, as an earnest of our desire to help in the present crisis. The food conservation exhibit held in the library in the winter was even more of a success this year than last. Added interest was given by the

assigning of ribbon prizes to the best five exhibits and the scoring of each contribution by the Middlesex Farm Experiment Station. A model storage cellar, samples of insecticides, and agricultural implements were also lent by this institution. Lessons in drying fruit and vegetables were given by Miss Laura P. Patten to whom we were indebted for the exhibit.

Posters of all phases of war relief work have been given conspicuous place on our walls. For many of these posters we have been indebted to Mr. Elmer F. Murch of Forest Street.

The appearance of the library would be much improved by painting both the inside and outside of the building. With each succeeding year it is necessary to report conditions in the book stack more and more congested. To keep our library well equipped for service, at least three thousand books should be added annually. The problem of placing these books where they may be readily found becomes increasingly difficult. Books are constantly being withdrawn from the shelves to make room for the latest additions; such books, while still in frequent demand, can have no other places assigned them than the floor of the back room or that of the glass floor. It does not seem possible to wait longer for the extension of the latter. As this report closes it has become necessary to move about 35,000 books, culling out those least in demand and crowding up the others.

Owing to the general condition of business depression and uncertainty, there has been a relatively small output of desirable publications during 1918. With a force insufficient to prepare a large number of books for circulation, together with the increased cost of books, it was impossible to purchase only a little more than half of the books we ordinarily should add. When one biography, which will be in demand by all students of English, is listed at fifteen dollars it can readily be seen how insufficient our appropriation is to cope with such conditions. A comparison of the figures

of purchase and cost with those of last year, shows that while only \$145.00 less was spent this year for books, the sum spent would purchase 800 less books than in 1917, Since with normal business conditions it would have been impossible to prepare more books for circulation, with more help in the coming year we should add more books to meet the deficiency of this year.

Children's Building

The Children's Room has suffered more than any other department from frequent closing. On account of the prevalence of influenza it was thought inadvisable to assemble children for the story telling hour, until the close of the year, when Miss Clara W. Sprague delighted her youthful audience with stories suited to the Christmas season. A few relics of the war have been lent by home-coming soldiers or their friends. The children purchased one War Saving Stamp for the benefit of their library, and by bringing a penny at a time added five dollars to the amount collected for the War Saving Campaign. Irregularity of both school and library opening decreased the number of books sent to the schools. It is gratifying to report, however, the active co-operation with the High school under the able leadership of Miss Mabel Gannett of the English department. At her request we have lent both books and pictures, changing them as often as seemed desirable. In speaking of this work in the June number of the Medford High School Review, Miss Gannett refers to our Reference Department as "one of the finest reference rooms anywhere about Boston"; it is to be hoped that we may continue to deserve such commendation. Books were also lent to the Playground schools in the summer.

Sunday Opening

The lawless element of our community is most conspicuous in attendance on Sunday afternoons. After a three

years' test there seems little encouragement to feel that the object for which the library has been kept open on that day has been achieved. Could not the same amount of money now devoted to Sunday opening of the library be used for a Reading Room in Medford Square, with one attendant empowered with police authority? This would still offer a refuge for those without recreation in unpleasant weather, save much wear and tear of our books and periodicals and relieves from extra service attendants who have already had three most strenuous days at the end of the week.

Respectfully submitted,

A. L. SARGENT,

Librarian.

REPORT OF TRUSTEES OF PUBLIC LIBRARY

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Annual report for the year ending December 31, 1918.

Free for lending and reference.

Agencies			4
Days open during year (Main library)			303
Days open during year (Children's Building)			279
	Adults	Children	Total
Number of volumes at beginning of year ..	44,016	8,808	52,824
Added by purchase	1,448	305	1,758
Added by gift	99	7	106
	104	2	106
	<hr/>	<hr/>	<hr/>
	45,067	9,122	54,789
Discarded	173	123	296
	<hr/>	<hr/>	<hr/>
Total number at end of year	45,404	8,999	54,403

Additions to the Library by purchase

General works	17
Philosophy and Religion	28
Biography	85
History	231
Description and Travel	121
Social sciences	224
Natural sciences	70
Useful arts	189
Recreative and Fine arts	93
Language and literature	286
Fiction	415
	<hr/>
Total	1,753

We recommend an appropriation of \$11,209.41 for the support of the Library for the coming year and wish to call attention to the fact that this sum is needed on account of the very high cost of everything entering into our expenses.

Respectfully submitted,

ERNEST B. MOORE,
ALAN A. CLAFLIN,
EDWARD M. BARNEY,

Trustees of the Public Library.

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, 1918:

Whole number of arrests	617
Males	588
Females	29
Adults	451
Minors	166
Residents	473
Non-residents	144
Arrested on warrants	124
Arrested without warrants	493
Held for trial	538

Cause of Arrest

Adultery	1
Assault and Battery	38
Assault, Felonious	1
Assault	1
Absent from Army Camp	2
Bastardy	4
Breaking and Entering	25
Burglars' tools in possession	2
Child Labor Law, Violation of	1

Cruelty to Animals	1
Carnal Abuse	2
Carrying concealed weapons	2
Default	8
Disturbing the Peace	7
Disorderly Conduct	7
Drunkenness	110
Dipsomania	1
Delinquent Child	4
Deserters, Army and Navy	3
Evading Car Fare	1
Escaped Prisoners	5
Fugitive from justice	1
Forgery	1
Failing to have registration card	1
Failing to appear as a witness	1
Failing to report as unemployed	1
Gaming, or present at	6
German Alien, not registered	1
Insane	20
Larceny	42
Manslaughter	3
Material witness	1
Minors in bowling alley, violation	1
Non-support of minor children	2
Non-support	28
Neglected Children	5
Non-support of parent	9
Operating Auto, under the influence of liquor	2
Pure food law, violation of	1
Parole, violation of	1
Rape	1
Receiving Stolen Goods	1
Sounding false alarm of fire	1
Stubborn Child	8
Selective draft law, violation of	8
Surrender prisoner	2
Throwing glass in public street	2

Trespass	5
Truants	4
Traffic rules, violation of	20
Unlawful appropriation of automobiles	13
Unlicensed Hackney Carriage Driver	1
Violation of City Ordinance	7
Violation of the Game Law	1
Violation of the Lord's Day	53
Violation of the Milk Law	1
Violation of Probation	4
Wilful injury to property	2
Violation of Auto law	118
Wagon, no lights	1
Violation of rules of State Board of Health	9
Violation of United States Naval Reg.	1

Miscellaneous Work

Amount of property reported stolen	\$18,293	46
Amount of property recovered by police	27,448	60
Accidents reported		85
Buildings found open and secured		273
Cases investigated		1,548
Defective streets and sidewalks reported		278
Defective water pipes reported		170
Defective wires reported		117
Dead bodies cared for		8
Disturbances suppressed		54
Dogs killed		11
Extra days duty done by officers		200
Fire alarms reported by officers		10
Runaway horse caught		1
Dangerous Trees reported		46
Dangerous Poles reported		19
Horses Shot		2
Suicides reported		2
Fires extinguished without alarms		26
Gas turned off in buildings		12

REPORT OF CHIEF OF POLICE

335

Horses found cast or loose in stables	9
Lanterns placed on defects in streets	58
Lost children returned home	44
Notices posted and delivered	1411
Number of runs of patrol wagon	2444
Number of miles run	14884
Sick and Injured persons assisted	147
Stray teams cared for	4
Street obstructions removed	7
Street lights reported out	414
Search warrants served	2
Seizures made	2
Water running to waste, reported	33
Officers on duty at fires	hours 188
Officers at Court	221
Officers on extra duty without pay	hours 1085
Dead Animals in street	26
Pulmoter used at accidents	3

The following prisoners were delivered or released on order or request:

Delivered to a member of the Exemption Board	2
Delivered to the Cambridge Jail	1
Delivered to the United States Marshal's Office	1
Delivered to an officer from the Middlesex Training School	3
Delivered to an officer from Camp Devens	1
Delivered to the Department of Justice	2
Released by order from an officer in the Navy	1
Released at the request of the United States District Attorney	1
Delivered to Provost Guard from Camp Devens	1
<hr/> Total	13

Note

You will note that the Police Department recovered over \$9,000 more in property than property reported stolen, the reason for this is that the department recovered considerable stolen property in this city that had been stolen elsewhere, the guilty persons arrested and the property and prisoners turned over to other Police Departments from where the goods had been stolen.

Respectfully submitted,

JOHN F. WELCH,
Chief of Police.

Report of the Purchasing Agent

January 2, 1919.

To His Honor, Benjamin F. Haines, Mayor :—

Dear Sir :—

I have the honor to submit herewith a report of the purchasing department, for the first year of its existence.

The system used in this department is for the most part a copy of those used in Lawrence, Lynn and Salem. After having investigated several offices, it was decided to try this system, as it seemed about as serviceable as any that could be adapted for city use.

The departments of the city make requisitions to this office for the goods wanted; an order is then given to purchase the said goods. Upon receiving the required material, the department head signs a receipt and returns same to this office. Until this receipt is filed, no bill for the goods ordered is approved, thus preventing any one bill from being approved for payment twice.

Under the organization of this department, the power to purchase supplies was taken away from the department heads and given to one person, the purchasing agent. This department approves all bills as to the quantity and price.

One of the chief setbacks experienced in installing this system is the failure of the various department heads to anticipate their wants in advance. Nearly three-quarters of the requisitions received at this office, call for an immediate delivery of the goods wanted, thus giving the purchasing agent, in some cases, very little time to secure the competition which is so earnestly desired.

The object of this office has been to buy in as large quantities as is practical, when the market is right. In some instances a year's supply of a given article has been bought.

I am always willing and ready to extend the cooperation of this office in securing bids on contracts for labor and supplies, but as a matter of courtesy only and not of right.

The purchasing department has been the means of cutting off a source of revenue from several firms, during the past year, so that it is not to be wondered at that those hardest hit have anything but a kind word to say for this department.

In justice to the dealers of this city, I will state that they have taken kindly to the system, and in a very few instances have any attempts been made to give the city other than a highest return for every dollar expended.

This is a new office with a large amount of work and detail and it would be remarkable if I did not make an error in this my first year of being purchasing agent.

Two thousand seven hundred thirty-two requisitions have been received, from the several departments, and orders for the same have been given.

It is impossible to give a complete record of the orders for each department, as, in some cases, the departments have failed to return the receipt slips and bills for said purchases.

Most of the departments have taken kindly to and shown this office marked courtesy. I hope that this year will be one that all records and orders can be recorded as complete, thereby giving this office a complete report of every transaction.

Respectfully submitted,

WILLIAM H. CASEY,

Purchasing Agent.

Report of Water and Sewer Commissioners

Medford, Mass., January, 1919.

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

Dear Sir:—

The Annual Report of the Water and Sewer Department for the year 1918 is herewith submitted.

The year came in with the coldest weather the Water Works has experienced, freezing many mains and services, and the work had not resumed normal conditions when in February another extreme cold spell occurred, making a most trying time for everyone connected in any way with the Department. It was, therefore, the most expensive year that we had experienced. There is not a month passes that something does not happen which is reasonably attributable to the 1918 freeze. Several small mains having frozen and burst were renewed with cast iron pipes of larger size and laid a greater depth.

The water consumption by the City as reported by the Metropolitan Water and Sewerage Board increased during the cold weather to 92 gallons per person per day, whereas the year before it was but 50 gallons. This illustrates the advantage of the large supply in the Metropolitan Works, for without that Medford as well as many other places would have suffered severely. The total for the year was 789,081,000 gallons; the low service was 620,241,000 gallons; and the high service was 168,840,000 gallons, which figures 62 gallons average per person per day for the year, whereas it was 49 gallons for the year 1917.

There being practically no building being carried on in the City on account of the war, the Department was able to extend the water mains in the hill district in the northerly part of the City where they had been dependent upon pumps.

On account of the extreme shortage of wood and coal in Medford, caused by the war conditions, men of the Department were used to cut down wood on the land bordering on Wrights Pond, belonging to the Department. The wood was hauled to the Department Works where it was sawed into stove lengths and sold to the citizens for a nominal sum per cord, and thus alleviating the distress caused by this shortage.

Eugene F. Irwin, having been elected a member of the Board of Aldermen for 1918, resigned his position as Water and Sewer Commissioner upon taking his seat on the Board; and as mentioned in the report a year ago, Mr. Kearins died suddenly while en route from Florida, February 21st, which left the Department with but one Commissioner, a condition which has continued.

We recommend that there be appropriated money for the proper care of the sewers and the brooks and streams which are under our control, for Sewer Maintenance Twenty-Five Hundred Dollars (\$2500.00); for Brooks and Streams Five Hundred Dollars (\$500.00).

The work done in detail, follows:

NEW MAINS

STREET	LOCATION	Length	Size
Ames Street	From Fulton Street to Walsh Street	643 ft.	8 in.
Daniels Street	From Cross Street to connect end	136 ft.	6 in.
Gaston Street	From End, easterly to lot 207	109 ft.	6 in.
Gaston Street	From Brackett Street, westerly	188 ft.	6 in.
Gorham Road	From Warren Street to connect end	23 ft.	6 in.
Hume Avenue	From South end, southerly	36 ft.	6 in.
Playstead Road	From Irving Street to Usher Road	291 ft.	12 in.
Saunders Street	From near Foss Street, northerly	99 ft.	6 in.
Sherwood Road	From Westwood Road to Lee Street	253 ft.	8 in.
Tyler Avenue	From End, northerly	125 ft.	6 in.
Westwood Road	From near Forest Street to Sherwood Road	145 ft.	10 in.

MAINS RENEWED

STREET	LOCATION	Length	Old Size	New Size
Cottage Street	From High St. to Prescott St.....	505 ft.	2 in	6 in.
Cross Street	From Riverside Ave. to Bridge	327 ft.	2 in.	6 in.
Fulton Street	From Webster St. to Water St.	600 ft.	4 in.	8 in.
Garden Street	From Ashland St. to Oakland St.	411 ft.	2 in.	6 in.
George Street	From College Ave. easterly to connect iron pipe	490 ft.	4 in.	6 in.
Irving Street	From Playstead Rd, easterly	22 ft.	2 in.	6 in.
Riverside Avenue	From Bradbury Ave. to near Fellsway W.	504 ft.	4 in.*	8 in.
Temple Street	From Boston Ave. to connect end	20 ft.	4 in.	6 in.

*152 ft. of 6-in. iron pipe laid 1898.

Total length mains in use Jan. 1, 1918.....388,730 ft.

Extension of mains 1918 2,115 ft.

Total length mains in use Jan. 1, 1919. .390,854 ft. or 74.0253 miles

MAIN LEAKS

Forty-two main leaks have been attended to.

BLOW-OFFS

One blow-off was installed in Ames Street at end of the pipe, and one was taken out at Daniels Street.

NEW HYDRANTS

Ames Street	South of Fellsway	6 inch
Boston Avenue	Between Temple and Tontine Streets	6 inch
Cottage Street	200 feet north of Prescott Street	6 inch
George Street	270 feet west of Main Street	6 inch

There are now 711 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

Sixty-four new services have been installed, their length totalling 3,588 feet 5 inches; 1,135 feet 4 inches in the street and 2,453 feet 1 inch on private property.

Eight services have been renewed from the main to the street line; seven hundred and sixty-nine have been thawed, two hundred and forty-one leaks repaired, and eight have been lowered.

Nineteen services were abandoned.

METERS

During the year there has been set 77 meters on services new; 1085 meters, 532 of which were frozen, have been taken out, cleaned, repaired and tested.

SEWER CONSTRUCTION

STREET	LOCATION	Length	Size
Fells Avenue	From Station 4-16 northerly to Murray Hill Road.....	194 ft.	8 in.
Fulton Street	From Fulton Spring, northerly	54 ft.	8 in.
Total length of sewers laid in 1918		248.00 ft.	
Total length of sewers Jan. 1, 1918		348,195.49 ft.	
Total length of sewers Jan. 1, 1919		348,443.49 ft.	or 65.993 miles

SEWER CONNECTIONS

Forty-two connections have been made with the main sewer.

SEWER MAINTENANCE

Sixty-one connections have been cleared of obstructions, two of which were relaid. Ash Street main sewer froze again this year necessitating renewing 134 feet.

BROOKS AND STREAMS

All brooks and streams in our charge have been cleaned and cared for as usual.

The following financial statement for the year is reported by the Registrar:

Water Works Account, 1918

Cr.

Receipts, water rates	\$93,113 81
Receipts, construction	1,790 98
Receipts, maintenance	1,150 36
Receipts, meter account	14 00
Receipts, wood	687 05
Overdraft	1 49
	<hr/>
	\$96,757 69

Dr.

Paid, maintenance of the works	\$35,278 28
Paid, twentieth assessment for Metropolitan Water	36,487 21
Paid, construction, meters and service pipes	24,992 20
	<hr/>
	\$96,757 69

Sewer Construction Account, 1918

Cr.

Balance remaining, see previous report	\$ 2,396 59
Sewer assessments	2,341 80
Sewer connection assessments	1,446 35

REPORT OF WATER AND SEWER COMMISSIONERS 347

Apportioned accounts	3,374 87
Receipts, stock and labor bills	108 28
	\$0,727 60

Dr.

Paid, sewer construction 1918	\$ 4,345 85
Apportioned accounts	780 00
Balance unexpended December 31, 1918	4,601 18
	\$0,727 60

Sewer Maintenance Account, 1918

Cr.

Appropriations	\$ 1,500 00
Receipts, 1918	29 64
	\$1,529 64

Dr.

Paid during 1918	\$1,529 64
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Brooks and Streams Account, 1918

Cr.

Appropriations	\$ 300 00
----------------------	-----------

Dr.

Paid during 1918	\$ 296 47
Balance unexpended December 31, 1918	3 53
	\$ 300 00

Sewer Assessments

Total assessments, January 1, 1918	\$323,080 75
Assessments levied during 1918	2,341 80

Total assessments levied to date \$325,422 55

Petitions for the apportionment of sewer assessments to the amount of \$297.21 were granted during 1918 and the same certified to the Board of Assessors.

The sewer connection work during the year has cost per foot as follows:

1 connections	43 ft.	Cost between	\$0.50 and \$0.60
1 "	43 ft.	" "	.60 " .70
1 "	36 ft.	" "	.70 " .80
5 "	399 ft.	" "	.80 " .90
4 "	310 ft.	" "	.90 " 1.00
27 "	1435 ft.	" "	1.00 " 2.00
1 "	36 ft.	" "	2.00 " 3.00
2 "	71 ft.	Cost over	3.00

Making 42 connections, a total of 2,373 ft., costing \$2,927.45, making the average cost \$1.233 per linear foot; making to January 1, 1919:

Total number of sewer connections	6,148
Total length of all sewer connections	274,338 feet or 51.957 miles
Total cost of all sewer connections	\$152,119 82
Average length of all sewer connections	44.62 feet
Average cost per foot of all sewer connections	\$0.554
Buildings connected with sewer, see last report.....	6,005
Buildings connected during 1918	42
Families accommodated, see last report	8,663
Additional accommodated during 1918	47

Also three factories and one bank.

Water Maintenance, 1918

	Bills	Labor	Total
Administration	\$ 5,344 54	\$ 4,024 74	\$ 9,369 28
Main pipe leaks	389 22	1,057 81	1,447 03
Service pipe leaks	251 21	1,808 98	2,060 19
Services cleared or renewed.....	4,329 45	2,808 35	7,227 80
Services abandoned		65 22	65 22
Services inspected		30 02	30 02
Gates, stops and boxes	5 63	299 37	305 00
Meters	1,622 14	4,332 26	5,954 40
Hydrants	615 96	1,185 75	1,801 71
Fountains	6 54	89 44	95 98
Stable and garage	1,931 55	1,470 42	3,401 97
Shop and stock	599 76	1,174 40	1,774 16

REPORT OF WATER AND SEWER COMMISSIONERS 349

Turning on and off water		476 05	476 05
Delivering bills		216 02	216 02
City of Malden for water	4 04		4 04
Taking account of stock		18 32	18 32
Locating service boxes		3 12	3 12
Wright's pond expense	20 51	155 00	176 11
Main pipe cleared, frozen	170 79	607 25	778 04
Printing annual report	12 00		12 00
Lowering services	8 26	22 07	30 93
Blowing off mains		20 83	20 83
Miscellaneous	1 24	8 22	9 46
Total paid in 1918	\$15,312 84	\$10,065 44	\$35,278 28

Water Construction, 1918

New Mains Account

Ames street	\$1,369 92	\$ 873 58	\$2,243 50
Daniels street	148 19	73 92	222 11
Gaston street	408 10	430 05	838 75
Gordon road		7.72	7 72
Gorham road	47 09	75.30	122 99
Hume avenue	32 14		32 14
Playstead road	708 02	548 65	1,317 27
Saunders street	98 38	52 47	150 85
Sherwood road	415 50	400 42	875 92
Tyler avenue	141 49	78 51	220 00
Westwood road	208 09	228 31	436 40

Mains Renewed Accounts

Cottage street	\$ 541 63	\$ 312 01	\$ 853 64
Cross street	343 45	211 75	555 20
Fulton street	989 84	472 61	1,462 45
Garden street	443 73	221 53	665 26
George street	528 67	444 59	973 26
Irving street	103 00	50 81	154 41
Riverside avenue	790 31	519 87	1,310 18
Temple street	84 14	41 27	125 41

Other Expense

New Services Laid	\$ 1,832 87	\$ 1,961 90	\$ 3,794 77
New Meter Account	302 78	19 08	321 86
New Meters Account	302 78	19 08	321 86
New Gates Account	15 54	10 50	26 04

350 REPORT OF WATER AND SEWER COMMISSIONERS

Stable and Garage	2,000 00		2,000 00
Engineers	270 83		270 83
Work done, to be collected for	1,598 44	4,355 72	5,954 16
Administration		7,000 00	7,000 00
	<hr/>	<hr/>	<hr/>
Cost	\$13,856 23	\$18,523 56	\$32,307 79
Paid for in previous years			7,315 59
			<hr/>
Net amount paid 1918			\$24,992 20

Sewer Maintenance, 1918

	Bills	Labor	Total
Sewer connections stopped	\$ 4 40	\$ 143 35	\$ 147 84
Scraping and cleaning sewers		851 10	851 10
Flusing sewers		5 31	5 31
Sewers stopped		61 36	61 36
Frozen sewers	83 42	207 33	290 75
Repairing sewers	19 44	62 94	82 38
Care of manholes	47 11	89 63	136 74
Stock and tools	93 09	12 32	105 41
Care of shop and tools		3 21	3 21
	<hr/>	<hr/>	<hr/>
Cost	\$ 247 55	\$1,436 55	\$1,684 10
Items paid for in other accounts ...			154 46
Net amount paid 1918			\$ 1,529 64

Sewer Construction, 1918

New Sewers	Bills	Labor	Total
Fells avenue	\$ 208 68	\$ 522 10	\$ 730 78
Fulton street	34 41	84 72	119 13
Other expense			
Sewer Connections		\$ 1,555 22	\$ 1,555.22
Stable and garage expense	170 60		170 60
Engineers' expense	255 30		255 30
Work done, to be collected for	79 37	174 74	254 11
Connecting manholes with water ..	96 77	140 93	237 70
Miscellaneous		9.46	9 46
Stock and tools	897 47	116 08	1,013 55
	<hr/>	<hr/>	<hr/>
Total paid in 1918	\$ 1,742 60	\$ 2,603 25	\$ 4,345 85

Brooks and Streams, 1918

General Account	Bills	Labor	Total
Care and inspection	\$ 35 45	\$ 34 06	\$ 69 51
Gravelly Creek			
Cleaning	5.04	145 06	150 10
Repair fence		1 60	1 60
Repair drain at Lewis street	4 26	5.25	9 51
Whitmore Brook			
Cleaning		60.52	60 52
Winter Brook			
Cleaning		9 40	9 40
Cost	\$ 44 75	\$ 255 98	\$ 300 73
Items paid for in other accounts ..			4 26
Net amount paid in 1918			\$ 296 47

Respectfully submitted,

JOHN D. DWYER,

Water and Sewer Commissioner

Report of the Sealer of Weights and Measures

Medford, Mass., January 2, 1919.

Hon. Benjamin F. Haines,

Mayor of Medford

Dear Sir: I have the honor to submit to you my fifteenth annual report of the Weights and Measures Department, of the City of Medford, for the year ending December 31, 1918:

Scales	Adjusted	Sealed	Non- Sealed	Con- demned
Platform over 5000 lbs. capacity		10	2	1
Platform under 5000 lbs. capacity . . .	9	109	2	
Counters	5	157		
Spring balances	4	100	7	2
Computing	7	107		1
Slot personal		15		
Prescription		16		
Weights				
Avoirdupois	3	889		12
Apothecary	26	223		
Metric		77		
Troy		6		
Capacity Measures				
Dry Measures		10		
Liquid measures	1	207		1
Automatic pumps	27	121		50
Ice cream cans	800	750		50
Yard sticks		20		4
Totals	822	2831	11	71

Trial Weighing and Measurements, on Wagons and in Stores

Commodity	Number		Incorrect	
	Tested	Correct	Under	Over
Charcoal and Coke	20	18	2	
Coal, (in wagons)	17		2	4
Coal, (in paper bags)	86	72	6	8
Ice	110	40	50	20
Flour	40	34	6	
Butter	80	75	5	
Dry Commodities	300	275	20	5
Bread	200	180	9	11
Confectionery	10	10		
Berry Baskets	100	100		
Milk jars	68	68		
Gasoline and Oil	49	49		
Wood	21	21		
Apple barrels	4	4		
Sweet Potatoes	15	15		
Totals	1120	961	100	48

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

Inspections Made in Stores and Streets

Stores	191
Hawkers' and peddlers'	89
Hawkers' and peddlers' licenses	28
Milk dealers' wagons	56
Coal certificates	134
Junk dealers' wagons	90
Ice wagons	118
<hr/>	
Total	706
Amount appropriated	\$500 00
Amount expended	490 06
<hr/>	
Balance	\$ 9 94
Fees received and paid City Collector	\$148 01

Seldom, if ever, have the American people been called upon to meet and solve so many grave problems as they have had put before them during the past year.

Calls on this department, from the United States Food and Fuel Commissions have been many and frequent, which to a great extent have been happily met. The shortage in fuel, coal and wood, have required far more than ordinary inspections, much time and labor. The sale of such material in small quantities to be taken away by the purchasers, has required constant supervision over the five coal yards in this city. In addition, teams from neighboring cities delivering coal in quantities in Medford, are frequently held up by the sealer, taken to the city scales, re-weighed and the amount called for on the invoice verified.

At requests of the Federal Food Commission, all bakeries and stores have received regular visits, to see that rules and regulations promulgated as to sale of material with substitutes are being complied with.

One half ton, additional, of fifty-pound weights has been purchased, making a more effective equipment for heavy weighings.

During the summer months much time was spent following ice wagons, in their deliveries, and investigating numerous complaints from different parts of the city, many of them, no doubt, well founded. Several of them were susceptible of legal proof, and would have been brought to trial, but for the reluctance of the ladies of the houses, where such cases of short weight occurred, to give their evidence in court.

I am satisfied that the ice company in itself is endeavoring to have full weight delivered in every case; but where it has been impossible to secure responsible help, at any price, during the past year, and changing men every few days, presents a problem somewhat difficult to solve.

Recent acts passed by the Massachusetts Legislature (1918) make the sale of ice compulsory under certain conditions, as follows—"Whoever being engaged in the business of selling ice at retail, * * * refuses to sell * * * a piece of ice at a fair value thereof to any person shall, if such person tenders in payment thereof the amount of five cents or any multiple thereof of not more than fifty cents, * * * be punished by a fine of not more than one hundred dollars."

"Whoever, having charge of the delivery of ice from a wagon, * * * * refuses on the request of a purchaser of ice to weigh the same, when it is delivered, shall be punished by a fine of not more than ten dollars."

Peddlers and junk dealers have been closely followed up, their scales constantly kept in order and, upon the whole, have given fairly good satisfaction.

Gasolene pumps on streets and in garages have required and received repeated inspections and adjustments: The application of the principles underlying the weights

and measures law reaches more people as a force of good than does any other operative law of our state. In their intimate relations with the people they establish a link between helpful law and commercial life.

The producer, the distributor, and the consumer are the three principal factors, in our commercial fabric, and their system of exchange is absolutely dependent upon the underlying principles of honest weights and honest measures. Our most serious concern in the enforcement of these laws is to make them truly helpful to these factors. Such help is applied, however, where it is most required. The man at the bottom, the poor people, that great multitude that represents the consumer and especially those of them who can least afford to lose and who can least protect themselves, have our first concern.

There are many evils contending against the honest application of fundamental principles in business. They have a destructive effect on industry and exchange. These evils must be contended and destroyed in order that the application of honest principles may be made possible and that honest and legitimate competition may continue undisturbed and unrestricted.

One of the great moral objects of this work is to build up a force that will overcome the temptation to be dishonest. Human indifference is one of the most powerful forces that we have to master. It is the most dangerous evil to our commercial and constructive policies, for it demoralizes and restricts a law of nature which humanity will be eventually forced to accept. Indifference is the most sinister ravager of the horn of plenty. It means waste and opposes every human and governmental energy to conserve and economize.

The enforcement of the weights and measures laws is perhaps the greatest economic governmental force which effectively protects the true purchasing value of the dollar. Under these laws every scale and every measure becomes a public

utility which must weigh accurately for the seller and purchaser alike. The fact that the scale is owned by the seller does not give him any privilege by its operation. Legitimate industry and honest competition depend upon this protection and any person who conspires to violate these principles by disregarding these laws becomes a menace to any community.

For the purpose of carrying on the work of this department for the ensuing year, I would recommend the sum of five hundred dollars (\$500.00) be appropriated.

Respectfully submitted,

WINSLOW JOYCE,

Sealer of Weights and Measures.

Report of the Park Commissioners

Medford, Mass.,

January 1, 1919.

To His Honor Benjamin F. Haines,

Mayor of the City of Medford.

Sir: The Board of Park Commissioners herewith presents its twenty-sixth Annual Report for the year ending

December 31, 1918:

The past year has been of necessity one of careful retrenchment and economy. The various areas under the care and supervision of the Commission have been cleaned and maintained to the best of their ability with such funds as have been placed at their disposal. Careful inspection has been given from time to time as required by the members of the Commission.

The work of cleaning and putting the grounds in good condition began in March and continued up to December 15, with the exception of a period from October 19 to the middle of November. During this time practically no work was done owing to the Commission's appropriation having been expended. On October 22 an appropriation of \$500 was made and with a transfer of \$25 from "Playgrounds Account" the work for the year was completed. This regrettable break in the year's work was primarily due to two causes, one that of failing to provide at the beginning of the year the full appropriation to be allowed for the Commissioner's work and, second, the increasing wages of the

employees. The amount of the appropriation asked for the first of the year was, of course, based on the then prevailing rate of wages.

For several years the Commission has been hampered by this failing to provide at the beginning of the year for the full appropriation that was to be allowed for the year's work. Always, there is much more work to be done than can be provided for with present appropriations, if the playgrounds and parks are to be properly maintained, and there should be reasonable additions and improvements each succeeding year, to keep up with the needs of Medford's growth and to obtain full value for the amount of money already invested.

After the various conferences with your Honor on this matter, and your fully understanding our position, may we not hope to have at least this most serious handicap removed?

An increase in the rate of wages of employees should, of course, be met at the time this increase is authorized by an immediate additional appropriation to meet the deficiency thus created.

No new work was possible during the year excepting the introduction of the Playground Supervision. This was made so by the special appropriation of \$1,800. It was gratifying to the Commission after so much effort on their part, extending over a series of years, to receive this recognition of their work and plans on behalf of the children of Medford by the Mayor and Board of Aldermen. In a city as large as Medford has grown so rapidly to be, with her several community centers, and her nearness to Boston, it is imperative if the standard of living and morals of her past are to be maintained, that proper effort should be made to care for her young children, as well as those of larger growth, by providing healthful exercise and sports with proper supervision accessible to them all.

This, the first year, was a trying period owing somewhat to the conditions created by the war and the consequent varying attendance on the playgrounds. Many boys were engaged in needful occupation thus depriving them of opportunity of attendance. It was necessary to provide protection for the younger children during the heat of the day, no shade being available owing to lack of trees on the playgrounds. A shelter was built at Morrison Playground for this purpose and other playgrounds would have been cared for had funds been at the disposal of the Commission.

It is hoped to provide partially at least for this want the coming year.

The Commission was fortunate in the selection of Phillip F. Whitten, Supervisor of Playgrounds. Mr. Whitten brought a feeling of good fellowship and an interest to his work that was most stimulating to his assistants as well as helpful to the children. Commissioner Buss gave much time and attention to the Playgrounds and it was owing in part to his care and attention that such good results were obtained. A card index was kept of all the work as established and maintained on the various playgrounds by the several assistants and these will be kept on file for future reference.

In view of the conditions prevailing, your Commission feels, at the end of the year, fairly satisfied at the results obtained, although they are not unmindful of the fact that much remains to be accomplished to place Medford where she should be in comparison with other cities and towns in this civic movement.

Idle boys, neither taught to play nor to work, and consequently with no incentive for either, are of the greatest menace to a city. It is obligatory on all cities and towns to meet this condition by providing adequate playground instruction.

The Supervisor of Playgrounds' report is herewith submitted as a part of the Commission's report and your attention and that of the Board of Aldermen is earnestly requested to his remarks suggesting the probable duty of State and City with respect to juvenile delinquency.

We offer for your inspection the Pay Roll for 1918, the "Public Commons" account for January 1 to December 31, 1918, and the other financial statements on the year's work.

Pay Rate Began	Foreman	Laborer	Team	Total
Jan. 12..10 weeks	\$3.00	\$2.75	\$2.25	\$452.92
May 4..25 weeks	3.25	3.00	2.25	2,524.30
Nov. 16.. 3 weeks	3.50	3.50	2.25	154.09

Public Commons Pay Roll \$3,131.31

City of Medford

Park Department—1918

"Public Commons" Account, Jan. 1 to Dec. 31, 1918

Receipts

Feb. 26, Appropriation	\$1,500 00	
July 20 Appropriation	2,100 00	
Oct. 22 Appropriation	500 00	
Dec. 28 Appropriation, transfer from Playgrounds Account	25 00	
		<u>\$4,125 00</u>

Expenses

Supervision and office expenses \$	739 77	
Pay Rolls	3,131 31	
Repairs and Improvements to Parks, Playgrounds and Structures	\$122 80	
Tool Account	54 68	
Supplies	58 93	\$4,107 49
		<u>\$4,107 49</u>

Balance \$17 51

Playground Equipment Account

(Balance of Bond Issue)

Playground Equipment Balance from 1917 . . .	\$477 16
Shelter at Morrison Playground and sand boxes	477 00
	<hr/>
Balance	16

Bath Houses

Appropriation for Bath Houses	\$200 00
Caretaker and repairs	190 94
	<hr/>
Balance	\$ 9 06

Playground Supervision

Appropriation for Playground Supervision		\$1,800 00
(Transfer to Public Commons) \$ 25 00		
Services and Materials	1,692 92	1,717 92
	<hr/>	<hr/>
Balance		\$ 82 08

The Bath Houses were opened under the supervision, as in previous years, of Henry J. O'Brien on July 4 and were closed on September 14.

A floor is much needed in the Men's Bath House and when possible an appropriation should be made for same.

On April 9, the Commissioners received, much to their regret, from their fellow member, Daniel W. Bedell, a statement of his resignation and a copy of his resignation to your Honor. Mr. Bedell had intimated at a previous meeting his probable retirement from the Commission owing to his removal to Boston. Appointed to the Commission in 1906, he has since that time served to the benefit of Medford and the pleasure and profit of his associates. Of sterling character and independent mind, he labored always for the best

interests of Medford and his most genial and happy temperament endeared him to all. We shall miss his bright sayings and the little stories with which he was always quick to illuminate his discussions and our personal friendship will endure though our official associations be severed.

On May 2, Mr. Herman, superintendent of Newton's Playgrounds, was present at the meeting of the Commission by invitation and gave a most interesting, instructive and practical talk on Playgrounds, his system of instruction, apparatus and cost of maintenance, which was most helpful to the members. A little later in the season the Commission visited Newton Highlands Playground and other playgrounds of Newton.

On October 21, it was voted to concur in the land-taking dated October 19, 1918, from Edgar F. Hanscom, trustee and heirs of Andrew Jackson, of 5,227 square feet of land between South Street and Armory Bridge in Medford for Mystic River Reservation and papers so approved and signed were forwarded to the Metropolitan Park Commission.

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

Public Commons, including Playgrounds.....	\$5,000 00
Bath Houses	250 00
Supervision of Playgrounds	1,800 00
	<hr/>
Total	\$7,050 00

A copy of the report of E. P. Adams, Park Superintendent, is appended as part of this report. Your especial attention is called to that part of his report dealing with

vandalism on the Parks and Playgrounds and his request for better police protection.

Respectfully submitted,

WILTON B. FAY,

IRWIN O. WRIGHT,

HERMAN L. BUSS,

ARTHUR W. CROCKFORD,

THOMAS D. COLLINS,

Park Commissioners.

Department of Playground Supervision

To the Board of Park Commissioners,

City of Medford, Massachusetts.

Gentlemen: In accordance with your request, I hereby present the first annual report of the Supervisor of Playgrounds in relation to the work of instruction and supervision on the playgrounds of the City of Medford for the season of 1918.

In preparation for the opening of the season's work the Supervisor made estimation of the probable cost and after discussion and conference with the Board of Park Commissioners was authorized to proceed to engage instructors and purchase needed supplies. At the same time, under the direction of the Superintendent of Parks, there were constructed boxes which were to be located on the various playgrounds in which the apparatus was to be kept, seats along the sides of one of the sand-boxes at the Morrison playground and, most important of all, a shelter from the sun between the sand-boxes at the Morrison playground. This latter structure was not completed until about two weeks after the opening of the season.

The following instructors were selected by the Supervisor and elected by the Park Board:

Miss Louise Whiting, South Sudbury, Mass., Supervisor
of Girls' and Smaller Children's Work.

Tufts Park

Miss Mildred Tyler, Medford, Mass.

Charles Donnellan, Medford, Mass.

Morrison Park

Miss Beth Weston, Medford, Mass.

Chester Sanford, Medford, Mass.

Brooks Playstead

Miss Bessie Rice, Medford, Mass.

Fred C. Carroll, Medford, Mass., to July 29.

Philip I. Towle, Medford, Mass., from July 29 on.

Summer Street Playground

James McCabe, Medford, Mass.

The season opened as planned on Monday, July 1, 1918, and has proceeded with but slight interruption throughout the summer, closing on Saturday, August 31.

Tufts Park

The problem presented at Tufts Park was rather more complex than that of any other of the playgrounds. This was due to the fact that it is located in the most thickly settled district of the city, that the population is a mixed one, that it is located very near to the Somerville-Medford line, and that it has become in past years a favorite loafing place for the younger rough element in the district. The aim of the directors has been to attempt to overcome the tendency toward coarseness and disrespect which was very noticeable among the children at the beginning of the season, by means of games, stories and dances in which sportsmanlike conduct, idealism, and a sense of the beautiful might be instilled. It has proved difficult in many cases to effect much of a change, but the directors feel much encouraged in the improvement of the general tone of intercourse between the children. The children have been kept off the streets and have been employed pleasurably and profitably, and it is felt by those in charge that the work, although it has fallen short in many ways of their hopes, has nevertheless been full of encouraging features which give promise of extremely worthwhile results in the future.

The Supervisor recommends that there be installed as soon as practicable a new slide, making two in all, and another set of swings for the use of the small children at this park. Also that the cinder surface of the baseball diamond

be removed and a grass diamond, such as is in use at the Playstead, be put in. The present surface is very unsatisfactory from the ball player's point of view.

Morrison Park Playground

The work at this playground has been most encouraging. Large numbers have been attracted to the playground and the interest has been kept at a high pitch, especially among the children who come under the direction of the woman director. The shelter which was erected at this playground has proved its worth many times, but is inadequate, as the numbers using it have grown so rapidly. The boys in the neighborhood, and in fact this may be said pretty generally of the whole city, after the first week or two, were practically all engaged in some sort of work during the day, so that the numbers during the latter part of the season for the boys do not come up to the first two weeks. Miss Weston's work has been highly appreciated by both the children and their parents.

The Supervisor recommends that there be built as soon as practicable another shelter on the Morrison Playground as the one now in use, although very useful, has proved too small. By means of another shelter it would be possible for the instructor to separate the children from those who were engaged in organized play in one shelter.

Summer Street Playground

The Summer Street Playground was supplied with only a man instructor this summer, owing to lack of any suitable shelter from the sun on that field. It is to be hoped that the means to provide a shelter will be forthcoming next year, as there is no doubt but that this section of the city is greatly in need of supervised play for the younger children and girls. This has been evidenced by the large attendance which there has always been on those afternoons which the

Supervisor of Girls' Work was able to give to this playground. The usual boys' program of baseball, quoits, football, etc., was carried out on this playground as upon the others in the city, and a marked improvement was noticed in the behavior of the boys who came under the influence of the playground as the season progressed.

The Supervisor recommends that there be built upon this playground a shelter similar to, but larger than, the shelter now in use in the Morrison playground. Also that there be engaged a woman to give her whole time to this playground in the work with the smaller children and girls. The baseball diamond at this playground also should be made over as the Supervisor has recommended for the Tufts Park Playground.

Brooks Playstead

The work at the Brooks Playstead has been the source of much encouragement to the workers. The children and girls have entered into the activities outlined for them by the instructors with an interest and enthusiasm which has been approached only by the children at Morrison Playground. Miss Rice has done a remarkably good piece of work there, as the numbers have increased throughout the season and the interest of the children has not been allowed to wane. Mr. Towle, since taking charge of the work with the boys at this playground on July 29, has been exceedingly successful in arousing and maintaining a great interest in the activities of the playground. His knowledge of boy nature and ability to handle boys has shown itself here to a remarkable degree, and this section of the city may well feel pleased that the boys have had him as their leader.

The Supervisor recommends that there be built two basket ball goals at this playground and a small backstop on the smaller baseball field, as this would make it possible for the instructor to have two games going at once. For the girls, a tether ball pole is recommended, with rope and ball.

**Report of Supervisor of Girls' and Smaller Children's
Work**

Philip F. Whitten,
Supervisor of Playgrounds,
Medford, Massachusetts.

Dear Sir: The women teachers in charge of the girls' work feel keenly it has resulted in a strong attachment between the children and the playgrounds. With the exception of a very few cases the children and girls show that they have developed a very personal interest in the welfare of the playgrounds.

The object the teachers have had in view has been to promote health, enjoyment, recreation and sportsmanship.

A great deal of good and pleasure has been derived from the all-day picnic trips to the Fells Reservation which each playground has taken from time to time.

Bat Ball has been the girls' favorite team game and in this they have had one round of inter-playground games. Also the teams on the different playgrounds have engaged in inter-playground relay races and other competitive sports. Small group games, such as Ring Toss, Dominoes, and the like, have been very popular with the smaller children. They have taken a chief delight in the story telling and in the reading of the books loaned to the playgrounds. Where there have been Victrolas in use, Folk Dancing has been very popular and has proved very successful. The last Friday afternoon of the season the girls from the Morrison and Playstead joined and gave an exhibition of their folk dances, song dances and games. On the very hottest days guessing and quiet talking games formed part of the program. The girls also learned and developed simple one-act plays which they took a great interest in acting.

Athletic contests, such as relay races and competitive jumping, were entered into with much enthusiasm and team games held a prominent place. For the smaller children a great many tag and circle games were taught.

It is my opinion that the season has been a remarkably successful one, when it is considered that this is the first year, as well as a most difficult year, to inaugurate a movement of this kind.

Respectfully submitted,

LOUISE A. WHITING,

Supervisor of Work with

Smaller Children and Girls.

August 31, 1918.

Accompanying this report are the attendance records of the season, as well as an account of the attendance as summed up in totals.

Following is a list of games, dances, etc., as were used on the Medford Playgrounds during the summer of 1918:

Ball Games

Bat Ball	Heminway Ball	Mount Ball
Dodge Ball	Roll Ball	Corner Ball
Kick Over Ball	Wander Ball	Baseball
Straddle Ball	Pass Ball	Captain Ball

Tag Games

Japanese Tag	Circle Ball Tag	Hang Tag
Shadow Tag	Hip Tag	Ball Tag
Squat Tag	Cross Tag	Partner Tag

Circle Games

Jacob and Rachel	Farmer in the Dell	Go Round and Round the Valley
Bullin the Ring	Lazy Sally	Blue Bird
Garden Scamp	Drop the Handkerchief	Cat and Mouse
Mr. Slap Jack	Three Deep	Go In and Out the Window
Catch the Cane		Mulberry Bush

Miscellaneous Games

Ten Steps	Clap Three	Warbling Duke
Hill Dill	Moving Statues	Giant Steps
Teacher	Duck on Rock	Skin the Snake
The Bird Catcher	Six Feet Away	Leap Frog
Puss in the Corner	London Bridge	Who's Got the Button?
Stealing Sticks	Birds Have Feathers	Red Light
Chinese Wall	The Lovely Princess	Walking the Green
Breaking the Chinese	Prisoners' Base	Grass
Gates	Colors	Roman Soldiers
Tag the Wall Relay	Relievo	Kneel on the Green
Ball Tossing Relay	Prince of Paris	Carpet
Hopping Relay.	Good Morning	
Crossing the Brook	Poor Pussey	

Quiet Games

I packed my trunk for Chicago	Who Calls
Quaker Meeting	Old Man's Soup
Buzz	Stick Knife
Scissors	Quoits
Bird, Beast or Fish	Ring Toss
I see something that begins with A	Dominoes
A Sad, Solemn Occasion	

Folk Dances and Singing Games

How do you do, my Partner?	Pop goes the Weasel
Clap, Clap, Bow	Ace of Diamonds
Oats, Peas, Beans and Barley	Norwegian
Blue Bird	Csheboga
Go Round and Round the Valley	Jolly is the Miller
Did you ever see a Lassie?	

In these days of war it is more than ever necessary that every agency to which our city government can turn its hand be employed to assist in abating the alarming increase in juvenile delinquency which is being brought about by these unusual conditions. As long as the war is calling the parents from the home it becomes the duty of the State to look after the welfare of its children. The playground movement which has become a permanent institution in so many cities of this country is one of the best instruments with which the city or state can attack this problem. Let us hope, therefore, that Medford will realize the necessity and the duty devolving upon her as a result of these war-time conditions so that she will support this movement next year even more liberally than she did this, if possible, but at any rate, not let the good work once established be discontinued.

The Supervisor wishes to express his appreciation of the co-operation of the Public Library officials in allowing the Playground Department to borrow some 60 books during the summer, and for aiding in the selection of them. He also wishes to express to the Board of Park Commissioners and its Superintendent and Secretary his deep indebtedness for the close co-operation which they have afforded him at all times in such a way as to make the work most pleasurable; also to the press of the city for the liberal use of its columns in recording the work on the playgrounds.

Respectfully submitted,

(Signed) PHILIP F. WHITTEN,

Supervisor of Playgrounds,

October 1, 1918.

Medford Playgrounds, Season of 1918

TABLE I. Weekly and Total Attendance

Week of	JULY					AUGUST				Total
	1	9	15	22	29	5	12	19	26	
Tufts Park	1355	1950	1495	805	1475	1490	1335	1375	655	11,935
Morrison	697	962	1105	520	595	715	686	640	670	6,585
Playstead	689	893	536	401	438	442	497	615	587	5,098
Summer Street	780	485	345	220	265	220	235	345	340	3,135
	3521	4290	3476	1946	2773	2767	2753	2975	2252	26,753
	Grand Total									

TABLE II. Attendance of Boys

Week of	JULY					AUGUST				Total
	1	9	15	22	29	5	12	19	26	
Tufts Park	645	790	600	400	735	675	740	690	255	5,590
Morrison	295	480	575	190	155	195	140	155	245	2,420
Playstead	203	310	156	123	168	171	213	272	254	1,870
Summer Street	540	355	345	135	150	140	155	180	160	2,160
	1683	1935	1636	848	1208	1181	1248	1297	914	12,040
	Grand Total									

TABLE III. Attendance of Girls and Small Children

Week of	JULY					AUGUST				Total
	1	9	15	22	29	5	12	19	26	
Tufts Park	710	1160	830	405	740	815	595	685	405	6,345
Morrison	402	482	530	330	440	520	546	485	425	4,160
Playstead	486	583	380	278	270	271	284	343	333	3,228
Summer Street	240	130	100	85	115	80	80	165	180	1,175
	<u>1838</u>	<u>2355</u>	<u>1840</u>	<u>1098</u>	<u>1565</u>	<u>1686</u>	<u>1505</u>	<u>1678</u>	<u>1343</u>	<u>14,908</u>
Grand Total										
Cost of attendance of each child per session:										
\$18000 equals \$00.0672										
<u>26,753</u>										

Respectfully submitted,
 (Signed) PHILIP F. WHITTEN,
 Supervisor.

Medford, Mass., Jan. 1, 1919.

Hon. Wilton B. Fay,

Chairman Medford Park Commission.

Dear Sir: I respectfully submit the following report of park and playground work during the year 1918. During the summer months Philip F. Whitten was Supervisor of Playgrounds, and his report covers the playground activities and supervision during that period.

Under war conditions, smaller appropriations than usual were made, and furthermore, laborers' wages were increased twice during the year. Under these circumstances very little besides necessary routine maintenance of parks and playgrounds could be attempted. Delay in the additional appropriation, made to complete the season's work, resulted in the loss of its most efficient laborer, Mr. Ingraham, who, when he was laid off, obtained permanent employment elsewhere.

During January and the first half of February further repairs to the park storehouse were made and some pruning of shrubbery done.

Regular park and playground maintenance began the last of March with two men besides the foreman, Mr. Biggs; with a maximum of six men besides the foreman in July and August. No work was done from the nineteenth of October to the middle of November for lack of funds. Park work for the year ended the first of December.

At the annual meeting of the Park Commission in May it was decided to build a shelter at the sandboxes in Morrison Playground similar to the playground shelter at Newton Highlands playground which the Park Board visited and examined.

Plans for the shelter were prepared at once; bids for its construction were called for, and the contract was awarded June 22 to Alden Hayden of Medford for \$462.00. This contract also included a table under the shelter, additions to sandbox, and a storage box or locker at each of the four playgrounds where playground apparatus has been erected—Morrison Playground, Tufts Park Playground, Summer Street Playground and Brooks Playstead. The construction of shelter at Morrison Playground began July 5, and was completed in two weeks.

The bathhouses at Foster Court were opened this year July 1, with the same caretaker as formerly, Henry J. O'Brien. They were closed September 14. Considerable repairs were needed at the time the bathhouses were opened; but during the bathing season, the rough element was generally absent this year. As I have previously stated, a floor in the men's and boys' bathhouse would prevent most of the annual damage and expense for repairs.

On July 1, playground supervision began at four playgrounds under the direction of Philip F. Whitten, supervisor, with seven playleaders, for a season of nine weeks. During this season there was less damage to apparatus than in several preceding years. But two teeter boards were broken and half a dozen swings, one carried away, three storage boxes broken into, and on All Hallows Eve at Morrison Playground goal posts were broken down and three oak park seats pried off the cedar posts. One of the park seats was carried away. The Chief of Police was notified at once. Two more park seats have been carried away since that date.

The cost of replacing the broken goal posts, park seats and damaged apparatus this year would be nearly a hundred dollars. More than half this damage was done on All Hallows Eve. Special police protection on the parks and playgrounds is very much needed, especially during the time when there is no regular park force engaged.

This leads me to renew my second recommendation for Medford Playgrounds in last year's report—"Junior police selected by the grammar school masters reporting to Chief of Police." This plan has been tried in Somerville two years to good advantage. Regarding the Junior Police, Judge Roger L. Wentworth of that city recently said, "The boys were an immense additional help to the regular policemen of whom there were none too many. The men most helped were the Mayor and the Chief of Police. The Junior Force have been able to do many things as boys that policemen cannot do." Governor Coolidge also has commended the work of this organization.

To my recommendations of last year for Medford Parks—woven wire fence both sides of Magoun Park; fertilizers at all the parks and shrubbery beds; a sectional roller for rolling lawns in the spring; some improvement of Governors Avenue Park property; replanting at entrance to Governors Avenue; and leasing land for compost pile of grass clippings and leaves with fertilizers—I should add:

Setting out shade trees to replace trees that have died in the parks, and where shade is very much needed in the playgrounds.

New shrubs to replace dead shrubs and those now unsightly.

More pruning of trees and shrubs, especially the summer pruning for Leopard moth, and spraying for San Jose scale.

A woven wire fence, separating ball field and children's playground, is very much needed.

The playground supervision with two play leaders at each playground during July and August made a really encouraging beginning. Especially for the younger children

it was exceedingly helpful. While it was in progress the morale on the playgrounds steadily improved. The playground supervision should by all means be continued.

Respectfully submitted,

EDWARD P. ADAMS,

Superintendent of Parks and Playgrounds.

Report of Highway Department

Medford, January 2, 1919.

Honorable Benjamin 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 1918:

RECOMMENDATIONS

General Repairs of Highways

This branch of the street department has to bear all the extra burdens of the street work, where no special appropriations are made; such as cleaning streets, catch basins and drains; snow work, sanding sidewalks and picking ice; city yard and ledge; street repairs, section men, etc.

New Buildings

Offal receiver at the city yard or city farm.

Building for housing two steam rollers.

Building for housing auto trucks so that same can receive proper care.

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 coming year, as well as pruning, setting out and caring for new trees. Elm, Beetle, and Leopard Moth work.

Bridges

Appropriation		\$	300	00
Receipts			98	40
Payroll	\$	345	42	
Invoices		52	98	
			\$	398 40

Collection of Ashes

Appropriation		\$16,100	00
Receipts		1,539	92
Total		\$17,639	92
Less Deficit 1917		656	87
Total Balance		\$16,983	05
Payroll	\$15,170	64	
Invoices	2,428	97	
Total Expenditure		\$17,598	97
Deficit 1918		\$	615 92

Collection of Offal

Appropriation		\$	9,600	00
Receipts			3,200	00
			\$12,800	00

Payroll	\$12,346 85	
Invoices	970 74	\$13,317 59
		<hr/>
Deficit 1918		\$ 517 59

General Repairs of Highways

Appropriation		\$15,000 00
Receipts		19,303 84
		<hr/>
Total		\$34,303 84
Less Deficit 1917		13,350 17
		<hr/>
Balance for 1918		\$20,953 67
Payroll	\$20,0007 31	
Invoices	13,298 40	
		<hr/>
	\$33,305 71	
Balance of appropriation and receipts		\$20,953 67
Total expended 1918		33,305 71
		<hr/>
Overdrawn 1918		\$12,352 04

Guide Boards and Street Signs

Appropriation		\$ 100 00
Receipts		43 05
		<hr/>
		\$ 143 05
Payroll	\$ 66 25	
Signs	55 80	
Miscellaneous	21 00	\$ 143 05
		<hr/>

New signs have been placed as follows:

Single	Double	Private Ways
Adams street	George street	Kilsyth road
Summer street	Irving street	Braemore road
Summit road	Porter road	
Grand View avenue	Morton avenue	
William street	Bradbury avenue	
Lambert street	Auburn street	
Turrell road	Park street	
Warren street		
Bradbury avenue		
Gibson street		
Lapham street		
11—single signs		
7—double signs		
2—private way signs		
—		
20—total		

Sidewalks and Edgestones

Balance from 1917		\$16,920 94
Assessments		389 94
Appropriations		22,000 00
Credits		343 48
Total		\$39,654 36
Payroll	\$16,613 52	
Edgestone	10,353 07	
Kerosene	658 10	
Sand, cinders, cement, etc.	5,082 48	
Miscellaneous	1,603 75	\$34,310 92
Balance		\$ 5,343 44

Sidewalks Built on Petition During 1918

STREET	Edgestone		Granolithic Sq. Yds.
	Straight	Circle	
Boston avenue	151		161
Pearl street	38.5		27.10
Stanley avenue	42		22
Winthrop street .....	...		52.75
Oakland street	75		45
Bristol road .....	....		69
Adams street	43		....

Sidewalks Ordered in During 1918

Total Edgestone and Granolithic Walk :

Straight	Edgestone		Granolithic Square Yards
	Linear feet	Circle	
14,201.39	1,212.06		2,212.32

Gravel Sidewalks

Appropriation		\$ 1,300 00
Payroll	\$ 917 32	
Miscellaneous	53 50	
Crushed Stone	182 42	
Freight R. R.	147 76	\$ 1,300 00

Surface Drains

Appropriation		\$12,500 00
Balance		2,972 76
		<hr/>
		\$15,472 76

Payroll	\$ 3,549 41	
Tools and repairs	293 85	
Oils and gasoline	189 45	
Engineering labor	74 84	
Cement, pipe, and castings	2,260 67	\$ 6,368 22
	<hr/>	<hr/>

Balance \$ 9,104 54
 Total amount of linear feet 1,794.00.

Original Construction of Streets

Appropriation		\$35,000 00
Receipts		426 62
		<hr/>
		\$35,426 62
Payroll	\$ 7,299 74	
Tar, edgestone, crushed		
Contracts	16,534 53	
stone, etc.	10,365 98	
Oils, etc.	1,022 06	\$35,213 31
		<hr/>
Balance		\$ 213 31

Watering Streets

Assessments for 1918		\$23,712 18
Miscellaneous credits		75 00
		<hr/>
		\$23,787 18
Payroll	\$ 2,816 38	
Oils	17,284 99	
Tools and repairs	315 58	
Engineering and Miscel- laneous	3,542 68	\$23,963 63
		<hr/>
Overdrawn		\$ 176 45

Total Area Oiled

The length of streets oiled is about 51.72 miles; the area oiled is about 856,309 square yards. The rate is five cents per foot.

Trees

Appropriation	\$ 300 01
Miscellaneous credits	60 38
	<hr/>
	\$ 360 38

REPORT OF HIGHWAY DEPARTMENT

385

Payroll	\$ 368 69	
Miscellaneous	5 25	\$ 373 94
	<hr/>	<hr/>
Overdrawn		\$ 13 56

Paving Gutters

Appropriation		\$ 100 00
Receipts		79 80
		<hr/>
		\$179 80
Payroll	\$ 179 80	\$ 179 80
Laid 378 square yards Concrete Gutters.		

Stone Bounds

Appropriation		\$ 50 00
Payroll	\$ 51 92	
Miscellaneous	3 80	\$ 55 72
	<hr/>	<hr/>
Overdrawn		\$ 5 72

Gypsy and Brown Tail Moths

Balance from 1917		\$ 621 81
Appropriation		1,500 00
		<hr/>
		\$ 2,121 81
Payroll	\$ 1,455 66	
Material	270 00	
Tools and repairs	9 54	
Advertising and printing .	73 99	
Miscellaneous	115 75	\$ 1,924 94
	<hr/>	<hr/>
Balance		\$ 196 87

Permits

Permits to the number of three hundred and fifty-one have been issued this year, as follows:

Crossing sidewalks	26
Dumping material in streets	7
Erecting canopy	2
Garages	4
Malden Electric Company	138
Malden and Melrose Gas Light Co.	101
Move steam roller	3
New England Telephone and Telegraph Co.	36
Railroads	34
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Respectfully submitted,

HUGH G. KENNEDY,

Street Commissioner.

Government of the City of Medford

(List compiled April 17, 1919)

MAYOR

Hon. BENJAMIN F. HAINES, 52 Central Avenue
Term expires first Monday in January, 1921

MAYOR'S CLERK

Richard L. Baldwin, Bristol Road

BOARD OF ALDERMEN

President, JOHN J. MULKERIN

Leon B. 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
Thomas H. Ellis,	Ward 2	315 Fellsway West
William F. Wiltshire,	Ward 2	112 Dudley Street
Richard B. Coolidge,	Ward 3	7 Hastings Lane
Charles M. Hayden,	Ward 3	43 Water Street
William J. Daly,	Ward 3	83 Terrace Road
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
James A. Flaherty,	Ward 5	54 Bristol Road
Wallace Campbell,	Ward 5	212 Harvard Street
George W. Taintor,	Ward 5	15 William Street
Cuthbert H. Lowell,	Ward 6	32 Irving Street
Harvey C. Voorhees	Ward 6	298 Boston Avenue
John J. Mulkerin,	Ward 6	75 Arlington Street
George A. Moore,	Ward 7	545 Riverside Avenue
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 Clerk Charles A. Winslow
City Treasurer Edward A. Badger
City Collector Edward W. Hayes
City Auditor George D. Cummings
City Solicitor A. Chesley York
City Engineer Fred R. Charnock
City Physician Edward W. Barrett
Purchasing Agent William H. Casey
Street Commissioner Hugh 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 Animals Harrie W. Peirce
Forest Warden Thomas A. Qualey

School Committee

Hon. Benjamin F. Haines, Mayor, Ex-officio

Members at Large

William Cushing Wait.....	Term expires	1921
George H. Peckham	” ”	1922
Edward W. Barrett	” ”	1920

Members from Wards

Ward 1. Ella T. Hart.....	Term expires	1922
Ward 2. Christopher W. Conway	” ”	1922
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..	” ”	1922
Ward 7. Joseph C. Smith	” ”	1920

Superintendent of Schools

Fred H. Nickerson

Office—High School, Forest Street

Board of Assessors

Edward S. Randall, Chairman.....	Term expires	1920
Frederick F. Hockaday	" "	1919
John A. Ricker	" "	1921

Board of Health

Alfred J. Hawks, Chairman.....	Term expires	1920
Warren S. McIntire	" "	1921
Walter T. Burke	" "	1922
Alvin R. Reed, Clerk		

Overseers of the Poor

John J. FitzGerald, Chairman.....	Term expires	1922
George J. Hackett	" "	1921
Reuben M. Pitman	" "	1920

Park Commissioners

Wilton B. Fay, Chairman.....	Term expires	1923
Thomas D. Collins	" "	1921
Herman L. Buss	" "	1922
Irwin O. Wright	" "	1924
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	" "	1922
Willard Dalrymple, Secretary	" "	1922

Water and Sewer Commissioners

John D. Dwyer	Term expires	1920
Robert E. Ferguson	" "	1922
Peter A. McDonald	" "	1921

Fred L. Cushing, Water Registrar

Henry F. Hughes, Acting Superintendent

Trustees of Cemeteries

Ellery A. Armstrong, Chairman	Term expires	1921
Fred W. Rauskolb	" "	1920
Selah H. Thurber	" "	1922

Trustees of Public Library

Ernest B. Moore, Chairman	Term expires	1920
Edward M. Barney	" "	1922
Allan A. Clafin	" "	1921

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

Thomas A. Qualey, Chief

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