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CITY OF MEDFORD

THE MAYOR'S ADDRESS

TO THE

BOARD OF ALDERMEN,

JANUARY 2, 1923.

THE CITY GOVERNMENT,
THE FINANCIAL STATEMENTS,

AND THE

ANNUAL REPORTS

FOR THE YEAR

1922

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Board of Aldermen, January 2, 1923

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THE FINANCIAL STATEMENTS

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Published by the City Auditor, as Directed by the Mayor

MEDFORD, MASS.
MEDFORD MERCURY PRESS
1923



RICHARD B. COOLIDGE,
Mayor.

FIRST INAUGURAL ADDRESS
OF
HON. RICHARD B. COOLIDGE
MAYOR OF MEDFORD

DELIVERED

January Second, Nineteen Hundred Twenty-three

Medford again begins a new municipal year. The Mayor, Aldermen, and members of the School Committee alike are beginning their term of service. In us the citizens have shown their faith, and to us they have committed the welfare of their public affairs. We take over an ancient heritage. Three decades ago Medford became a city,—the municipal successor of the town and the settlement founded all but three centuries back in the very beginnings of New England. It is for us, remembering the distinguished past, to make a worthy present and to build for a better future.

In this responsibility, it is for the Mayor and the Board of Aldermen to set the standards that the conduct of public business shall reach. I am confident that we who have now qualified in office, will co-operate to the end that the city may hold up before the citizens the high character of its of-

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ficial self, for back of every act in public as in private life, is the quality of the motive that prompts it. I look forward with pleasant anticipation to my association with the Board of Aldermen in this joint endeavor. I congratulate the Board that in their presiding officer they have the experience, the judgment, and the character that is essential in that office. That fact alone, for me, adds assurance to the anticipation I have already expressed.

The event which places us here marks the adoption of a new policy in our city elections. We are the first officials of Medford to take office under the provisions of the municipal primary, and all except the Mayor have a longer term of service. Both these provisions of law meet with modern favor. They but follow principles already put into practice by the Commonwealth.

In this fact there is perhaps for us an occasion for observation. We are the choice of the majority, but we are chosen to serve with equal fidelity the minority. From their public servants all the people are entitled to consideration that is equally careful and just. And in these public servants who have a longer term of office, they will find, I am sure, no sense of lessened responsibility to the electorate. Whether an election lies two days or two years in the future, public office remains a public trust to be administered with even solicitude for the public welfare.

In this administration it has fallen to me to take the office of Mayor. To the oath that I have taken I can add nothing. It is inclusive. I wish, however, publicly to record my appreciation of the honor of this office and of what is not less valuable,—such real evidence of the good-will and

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confidence of so many of my fellow citizens. If it were possible, these considerations would add to the sanctity of the oath already taken. I assume office without promise of favor, express or implied, to any person or group of persons, to any community or section of the city. I am free to exercise my best judgment unhampered by inconvenient obligations. I have, in fact, no friend to reward, no foe to punish. I have only the City to serve.

I do not, however, intend to ignore the valuable help that may come from my fellow citizens with an equal interest in an administration that shall best serve the City. It is likely that as time passes I shall draw upon the experience and judgment of men both in office and out, but as the responsibility is mine, the decision will be mine. Always I shall welcome constructive suggestion before action is taken, and I shall expect at times destructive criticism after the event. The basis of every wise decision is a full knowledge of all the facts and a true understanding of the significance of the action proposed, both in its immediate and in its related effects. It is my desire that this administration shall represent the best judgment of the community upon its common concerns.

But there are the more immediate subjects at hand. The chief executive, so to speak, takes over the management of a going business. There is expected from him some declaration of policy, if not of particular action. A statement of policy is likely to be a confession of virtuous intention. A statement of particular action is likely to be regretted in the light of later information. I shall not venture upon the inadvisable.

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The public streets of Medford measure some sixty-six miles in length. They are well known among travelers. These streets we are obliged by law to keep in a condition reasonably safe for travel. I state this as an abstract proposition and not as a statement of fact that any streets are now in an unsafe condition.

We must do more than that. Medford is a city in the midst of a closely populated metropolitan district. Traffic, both commercial and pleasure, passes over our highways in constant procession. We owe it to ourselves, to our neighbors, and even to the Commonwealth, whose good repute rests in part with us, to keep our highways up to the general average of excellence demanded by modern transportation. I propose that this problem be taken up among the first. To my mind the order of improvement must be, first, the main arteries of travel; next, secondary arteries; and last, residential and side streets. I propose that this work shall not be taken up in a desultory fashion, but in accordance with a comprehensive scheme covering a period of years. I believe that there should first be made a survey of the whole highway problem to the end that with full information as to present facts, the type of improvement most advisable, the cost of the whole work and the order in which it should be taken up, we may proceed through a given period to the orderly re-establishment of our highways.

The school buildings require addition to their number. The School Committee has recommended the erection of a brick building at the James School, an addition to the Brooks School, a new primary school in West Medford, and the purchase of land adjoining the Dame School. At Medford Hillside additional school facilities are urged, and at

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Fulton Heights the bungalow type hardly completed is already outgrown. These cannot well be postponed to the indefinite future. An expenditure of approximately \$1,000,000 might be made in the immediate present for these purposes.

It is a known fact that apart from new construction the present school buildings need repair and renovation. Not all have the first requisite of safety. The papers today have borne flaring headlines of a fire in a portable building at Fulton Heights. Fortunately, this fire was not disastrous, but we cannot tempt fate at the risk of young lives.

I believe that, as with the streets, the problem of school construction should be approached through a comprehensive plan looking forward over a period of years, so that the expected requirements of different localities shall as far as possible be anticipated with an even distribution of costs among the successive taxpayers who bear the burden.

Medford has no City Hall. For five years the city offices, inadequate and undignified, have looked down upon the desolate basement which to our chagrin has become a byword in metropolitan Boston. I am persuaded that the construction of a City Hall should no longer be indefinitely postponed. We now possess a foundation, the sum of \$97,770.85 out of the original bond issue, and authority to borrow an additional \$200,000. In the meantime, we are paying off \$10,000 a year on account of the original issue, and the sum of \$11,060 in office rent and interest. Beyond this statement of my personal belief, I do not deem it proper to go, inasmuch as under the provisions of Chapter 40 of the Revised Ordinances the matter is in the hands of a Com-

MAYOR'S ADDRESS

mission of which the Mayor is a member. This ordinance, which as it happens, I drafted when a member of the Board of Aldermen, gives the Commission broad powers, among other things, "General charge and management pertaining to the construction of the new City Hall, either on the site on which construction heretofore has been begun, or on such other site as it shall see fit to purchase or otherwise acquire therefor." Without anticipating the decision of this Commission, it is evident that a most important question is that of a site. I am confident that this body after a balance of all considerations will arrive at a wise determination. I propose to call together this Commission at an early date to take up this important matter. It is evident that many phases of the project require careful scrutiny, but I deem that the Mayor should await rather than anticipate the deliberations of the Commission.

I name these obvious things which press for the expenditures of large amounts of money.

Among other things that call for consideration and action, I mention the matter of sewers in those parts of Medford not included in the original layout; the contract for street lighting, and a system of zoning which may protect residential districts against undue intrusion of business enterprise.

But whatever are the improvements, it is essential that our affairs be well managed.

The responsibility for a well managed city rests first, upon the Mayor and the Board of Aldermen, and, next, upon the heads of departments and Commissions appointed and confirmed by them, and, finally, upon each subordinate and employee.

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In this administration there will be a place only for department heads who are competent, and whose chief concern is the task for which the city employs them. Such men will have the responsibility which belongs to them. They will be free from unwarranted interference or dictation from the executive, and they will be secure in office so long as they produce proper results. Here, too, will be a place only for subordinates who give a fair return for fair wages and fair treatment.

Throughout the public service, from top to bottom, I hope to see, as in a successful business organization, those qualities which create success—intelligence, energy, loyalty, pride, and esprit de corps.

Results that are obtained from the expenditure of public moneys are not to be gauged by tangible evidence alone. The cost of producing these results is a test of good management. That the cost and the result may be readily compared, the city has established a modern system of municipal accounting.

Certain financial practices have been made the subject of comment in the reports of the State Auditors. Heretofore department bills of one year have upon occasion been carried over to the succeeding year. It is sound doctrine that department expenditures for a given year shall be taken care of by the revenue of that year. In fact, the overdrawing of appropriation accounts, and the incurring of liabilities to be paid from the revenue of the following year by recent statute have been made an offence. Where department appropriations prove insufficient, officials are faced with the alternative of obtaining additional appro-

MAYOR'S ADDRESS

priations or curtailing the work. It therefore becomes important that the departments so plan their activities that a sufficient amount will be available for essential work to the end of the year.

The annual budget should represent the total amount available for the period. The statutes provide that it shall consist of an itemized and detailed statement of the money required, and that appropriations shall be made in detail, clearly specifying the amounts to be expended for each particular purpose. I propose that the budget submitted shall comply with this provision in the belief that it will aid a sound administration of our finances.

I believe that we have come upon times when economy is in order,—not the economy that heartlessly cuts down wages, or discharges men usefully employed, but the economy that eliminates unnecessary spending and gets a dollar's worth for every dollar spent.

Lack of economy in operation may be due to department officials who disregard the requirements of the office or who cannot measure up to the responsibility. It may also be due to a faultily conceived organization of departments. I have no inclination to judge men hastily. In the matter of appointments I shall be governed by the requirements of the office and of the public service. Nor have I the inclination to rush into the business of reshaping the departments themselves. A city department deliberately established should not lightly be recommended for extinction or consolidation, nor should new ones be created upon impulse. Theoretical results do not always materialize. In such matters we should analyze first, and then act. In line

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with this thought I believe that it should be carefully considered whether the purchasing department does, or may, enhance the purchasing power of the city's dollar.

But a city government is not to be measured merely by its economy, its efficiency, or its honesty.

A city government must have vision. It must plan ahead that the growth of the community may be orderly and bring comfort and convenience to all citizens. The haphazard growth of cities does not lead to these ends. It has been said that the civic problem of today is to provide all citizens with opportunity for normal living conditions, with provision for recreation, education, and aesthetic development. The Commonwealth has recognized the importance of this municipal function by requiring in cities the establishment of planning boards, which among other things, shall make plans for the development of the municipality.

I can only suggest here the opportunity of a great public service on the part of an active planning board, and my intention to further this forward planning movement. I know of no city hereabouts which has the advantage of a better setting, of river bottom and upland,—the Mystic flowing through our midst, the lakes to the west, the wooded hills to the north. In this varied area an ancient settlement, through human foresight, may become not only a city well governed, but a city well conceived in the modern sense of the term.

A Mayor and Board of Aldermen, alone, are not sufficient for this transformation. There is essential on the part of the citizens a large conception of the common wel-

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fare and the enthusiasm of a community spirit. Elected officials may well perform the routine duties of office. That is their individual obligation. Beyond that they can make of a community only what the community demands of itself. I wish this to be an administration of cooperation to the larger ends.

We have the human resources to bring this to pass. I have been in the last few months into the homes of Medford,—those that shelter the richer and the poorer. There are the human resources of the city, and I have no misgivings of the wellbeing of any community, however large, however scattered, however diverse, whose homes, as do ours, bear the stamp of wholesome life so evident in every quarter.

The strength of the community lies in those homes. It remains to fuse the spirit of these separate units into the spirit of a whole community. Medford can make of itself what it will if into the greater family of the community we instill a measure of the pride, the thrift, the forward planning, the unselfish consideration that now exists in our midst.

This is a business to which we are all elected. Well may we resolve to go about it for our common advantage.

REPORTS OF THE
CITY AUDITOR
CITY TREASURER
CITY COLLECTOR

AND

Sinking Fund Commissioners

OF MEDFORD

WITH

DEBT STATEMENT

For the year ending December 31, 1922

DEBT STATEMENT

The following is the financial statement of the City of Medford, January 1, 1923.

The notes outstanding were issued for the following purposes:

Nos. 35 and 36 Water Construction	\$15,000.00	
No. 37 Land on George St.....	7,000.00	
Nos. 51 to 62 Land adjoining High School Lot.....	12,000.00	
Nos. 9 and 10 Original Construction of Streets.....	1,200.00	
Nos. 9 and 10 High School Equipment	400.00	
Nos. 9 and 10 Wellington Road	1,000.00	
No. 135 Land adjoining High School Lot, Schoolhouse and Land, Shop for Highway Dept., Boiler.....	10,000.00	
	<hr/>	\$46,600.00

The bonded debt of the City consists of:

Water Fund.....	\$26,000.00
Water Mains Extension.....	27,000.00
Sewerage	230,500.00
Harbor Loan.....	6,000.00
City Hall, Act of 1913.....	140,000.00
Park Loan.....	32,000.00
Metropolitan Park Assessment	27,000.00
Playground, 1903, 1912, 1914...	38,000.00
School Loan 1912.....	115,000.00

Junior High School 1916, 1918, 1919	170,100.00
School Loan 1919.....	41,000.00
School Loan 1922.....	375,000.00
Original Equipment Junior High School.....	11,000.00
School Loan 1911.....	34,000.00
School (Portable) 1919, 1920, 1921	23,000.00
High School Addition.....	20,500.00
High School Original Equip- ment	6,000.00
Hancock School 1915, 1916....	29,250.00
Osgood School 1916, 1917.....	19,500.00
Schoolhouse Improvement....	14,000.00
Schoolhouse Loan 1908.....	95,000.00
Fulton Heights School 1920, 1921	88,000.00
Park Loan 1920.....	18,000.00
City Stable Loan.....	15,000.00
Surface Drainage Loan.....	20,000.00
Drainage	7,000.00
Sewer (Drainage Purposes)...	14,000.00
Sewer Loan 1920, 1921, 1922,...	64,000.00
Sidewalks	52,500.00
Fire Station Loan.....	6,000.00
Fire Loan	29,000.00
Municipal Loan.....	5,000.00
Departmental Equipment Loan	42,000.00
War Emergency.....	1,500.00
War Memorial.....	2,000.00
Street Loan 1919.....	66,000.00
Capen Street and College Ave. Drain	2,500.00
Original Construction of Streets 1914	3,400.00

DEBT STATEMENT

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Original Street Construction	
1917, 1918, 1919	52,000.00
Street Construction 1916.....	11,600.00
Street Loan 1916.....	3,600.00
Original Construction of Streets	
1920	8,000.00
Original Street Construction	
1920	9,000.00
Street Loan 1920.....	2,000.00
Street Construction 1921.....	29,000.00
Permanent Pavement Loan	
1918, 1920.....	1,000.00
Macadam Pavement.....	5,500.00
Voting Booth Loan.....	4,000.00
	<hr/>
	\$2,041,450.00
	<hr/>
	\$2,088,050.00

The advance report of the Commissioners of Sinking Funds state the condition of the Sinking Funds as of December, 31, 1922, are as follows:—

Water	\$44,380.39	
Sewerage	116,325.99	
Public Playground.....	9,000.00	
Park	32,000.00	
Metropolitan Park Assessment	17,785.20	
Schoolhouse of 1908.....	63,418.12	
Schoolhouse Improvemnet....	11,266.97	
City Stables.....	14,835.12	
City Notes	26,639.08	
	<hr/>	\$335,650.87
		<hr/>
Leaving a Net Debt January 1, 1923.....	\$1,752,399.13	
Net Debt January 1, 1922, was	1,451,100.67	
	<hr/>	
An increase since January 1, 1922, of.....	\$301,298.46	

DEBT STATEMENT

Bonds and Notes paid in 1922..	\$312,800.00	
Bonds Issued in 1922.....	508,500.00	
	<hr/>	
Increase	\$195,700.00	
The Sinking Funds decreased..	105,598.46	
	<hr/>	\$301,298.46
Bonds and Notes authorized but not yet issued:		
Judgment—Elizabeth Landry.....		\$3,500.00
		<hr/>
The Gross Debt will have increased.....		\$304,798.46
The report of the Sinking Funds Commission also gives the total of Trust Funds as		
		\$16,207.72
And the Perpetual Care Funds as.....		62,766.84

Report of the City Auditor

Medford, January 10, 1923.

Hon. Richard B. Coolidge,
Mayor of the City of Medford.

Sir:

In compliance with the requirements of Section 5, Chapter VII of the Revised Ordinances I present the following report for the year ending December 30, 1922.

Respectfully submitted,

ARTHUR E. CROWLEY,
City Auditor.

Cash in Treasury, January 1, 1922.....	\$317,127.31
Receipts from January 1st to December 31st, 1922	3,619,230.09
	<hr/>
	\$3,936.357.40

Seventy-seven drafts have been drawn on the Treasury amounting to.....	3,364,174.66
	<hr/>

The cash in the Treasury as shown by the books of this office on January 1st, 1923.	\$572,182.74
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Certificates have been received at this office showing the amounts on deposit at the close of business January 13th, 1923.

In National Shawmut Bank.....		\$386,868.52	
In National Shawmut Bank "Special Fund"		97,770.85	
In Medford Trust Co.....		36,641.22	
In Tremont Trust Co.....		62.79	
Coupons and Bonds held in National Shawmut Bank, January 13, 1923.....		26,705.00	
Cash in Treasury including memoranda....		606.16	
			<hr/>
		\$548,654.54	
Deduct Outstanding Checks.....		86.20	
			<hr/>
True Cash in Treasury January 13th, 1923..		\$548,568.34	
Auditor's Books show that the cash in Treasury January 1st, 1923, was.....		572,182.74	
Draft No. 1 and Vouchers Nos. 34, 35, 36 and 37 of Draft No. 2 amounts to.....	\$25,462.00		
All items paid or accounted for except			
No. 2.....	\$921.17		
No. 4.....	660.99		
No. 9.....	33.00		
No. 14.....	8.00		
No. 16.....	35.00		
No. 17.....	149.44		
No. 18.....	16.00		
No. 29 (Less \$8).	24.00	1,847.60	23,614.40
		<hr/>	<hr/>
			\$548,568.34

RECEIPTS

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ANALYSIS OF RECEIPTS

Revenue

GENERAL REVENUE

Taxes

Current Year:

Poll	\$49,564.00	
Personal	87,179.78	
Real Estate	974,463.97	
December Tax	50.75	
	<hr/>	\$1,111,258.50

Previous Year:

Poll	\$2,444.00	
Personal	17,832.38	
Real Estate	436,054.62	
December Tax	49.28	
	<hr/>	\$456,380.28

Tax Titles 826.34

From State:

Corporation Tax	\$25,545.01	
National Bank Tax	3,784.50	
Income Tax	95,875.03	
Soldiers' Exemptions	63.39	
Street Railway Tax	10,217.96	
Civilian War Poll Tax....	528.00	
	<hr/>	\$136,013.89

Licenses:

Amusements	\$324.71	
Junk	145.00	

Milk	166.00
Pool, Billiards and Bowl- ing Alley	217.00
Sunday and Lord's Day..	475.50
Hawkers and Peddlers....	416.00
Alcohol	1.00
Non-alcoholic Beverages ..	20.00
Auctioneers	20.00
Carriage and Truck.....	71.00
Collector of Grease.....	6.00
Public Garage and Re- newals	286.00
Manicure	1.00
Inn Holder	3.00
Common Victualler	84.50
Intelligence Office	2.00
Cosmetologist	1.00
Lunch Wagon	10.00
Second Class Dealer.....	90.00
Druggists	13.00
Agents	250.00

\$2,602.71

Permits:

Marriage	\$472.00
Signs, Awnings, etc.....	134.00
Opening Streets	118.50
Naphtha	1.00
Hand Bills	326.00
Storage of Gasoline and Oil	52.50
Fireworks	21.00
Transportation of Explo- sives	3.50
Boxing Fees	3.42
Blasting	1.00
Denatured Alcohol	3.00

\$1,135.92

Fines and Forfeits

Court Fines	\$1,834.53
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Grants and Gifts

From State—Evening Schools,		
Americanization	\$139.87	
Reimbursement — Boston		
Elevated Ry. Tax....	10,583.91	
		\$10,723.78
From County—Dog Licenses..		2,712.81

All Other General Revenue

COMMERCIAL REVENUE

Special Assessments and Privileges.....	11

Special Assessments:

Sidewalk Applications ...	\$5,607.63	
Unapportioned Sidewalks.	4,786.94	
Apportioned Sidewalks ..	2,094.65	
Apportioned Sidewalks,		
Paid in Advance.....	384.88	
		\$12,874.10
Unapportioned Betterments	\$4,611.98	
Apportioned Betterments.	2,200.00	
		\$6,811.98
Unapportioned Sewer	\$4,563.62	
Apportioned Sewer	478.01	
Apportioned Sewer Paid		
in Advance	145.12	
		\$5,186.75

DEPARTMENTAL REVENUE

General Government

City Collector:

Advertising, Costs, etc....	\$3,499.84	
Fees	760.00	
Tax Titles—Cost and Re-		
demption	84.70	
Other	4.75	
	<hr/>	\$4,349.29

City Clerk:

Mortgages, Assignments,		
etc.		\$896.30
Engineer		\$2,515.71
Purchasing Department		9.85
Board of Survey		60.00
Mayor's Miscellaneous		6.61
City Hall		25.18

Protection of Persons and Property

Police:

Refund—Equipment Re-		
turned		\$200.00
Armory		900.00
Electrical Department		26.33
Fire Alarm Signal System		
Equipment		500.00

Inspection:

Building	\$776.50	
Sealer of Weights and		
Measures	272.40	
Electrical	219.00	
Gas	163.25	
	<hr/>	\$1,431.15
Trees—Care of Trees.....		\$174.76

Health and Sanitation

Health:

Contagious Diseases		\$37.50
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Sanitation:

Sewer Maintenance		123.67
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House Connections:

Unapportioned	\$3,354.55	
Added to Taxes	4,805.38	
Apportioned	1,683.80	
Paid in Advance	2,178.30	
	<hr/>	\$12,022.03

Sewer Construction:

Labor and Materials	\$1,379.72	
Special Construction.....	50.87	
	<hr/>	\$1,430.59

Refuse and Garbage Disposal:

Ashes and Refuse	\$2,393.20	
Garbage	4,125.00	
	<hr/>	\$6,518.20

Other Health and Sanitation:

Surface Drains—Construc-		
tion	\$1,650.00	
Surface Drains—Mainten-		
ance	10.00	\$1,660.00

Highways

General:

Labor and Materials	\$40.00	
All Others	1.00	
	<hr/>	\$41.00

Sidewalks and Curbing:

Setting Edgestones	\$98.70	
Repairing Sidewalks and Removing Obstruction	5.50	
Lowering Curb and Mak- ing Driveway	851.00	
	<hr/>	\$955.20

Bridges:

Materials		\$33.43
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Charities**City Home:**

Sale of Produce and Live- stock	\$912.47	
Board	990.14	
All Other	113.00	
	<hr/>	\$2,015.61

Outside Relief Reimbursements:

Sales of Automobile	\$500.00	
Individuals	107.00	
State	84.00	
Cities and Towns	586.10	
State — "Mothers' Aid ...	5,397.92	
City and Towns — "Moth- ers' Aid"	2,967.71	
	<hr/>	\$9,642.73

Soldiers' Benefits**Reimbursements:**

State Aid	\$3,274.00	
Military Aid	476.50	
Soldiers' Burial	180.00	
	<hr/>	\$3,930.50

RECEIPTS

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Schools

Tuition of State Wards	\$4,483.65
Tuition Others	1,962.67
Text Books and Supplies.....	138.85
Evening Schools	196.50
Telephone	46.05
Others	67.46

Fulton Heights Schoolhouse

Sales of Tools.....	\$3.00
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Libraries

Fines	\$632.60	
All Other	230.69	
		\$863.29

Unclassified

Sale of Lots (Cemetery).....	\$316.00	
Constables' Fees and Expenses	883.51	
		\$1,199.51

PUBLIC SERVICE ENTERPRISE**Water**

Receipts from Sale of Water..	\$105,200.50	
Construction:		
Relaying Pipe — Cradock		
Bridge	1,351.91	
Water Connections	7,933.75	
		\$114,486.16

Cemeteries

Perpetual Care	\$2,094.09
Sale of Lots and Graves: .	
Lots	3,719.00

Graves	3,220.00	
Care of Lots and Graves.....	483.42	
Interments	2,401.00	
Plants	151.46	
Foundations	575.94	
All Other	790.50	
	<hr/>	\$13,435.41

MUNICIPAL INDEBTEDNESS

Temporary Loans:

Anticipation of Revenue..	\$1,000,000.00
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General Loans:

Premium on Notes.....	\$14.51
Premium on Liberty Bonds	16.88
Premium on Bonds.....	9,371.40

Sale of Bonds:

Sewer	42,000.00
School	378,000.00
Macadam Pavement..	7,500.00
Sidewalk	20,000.00
Surface Drains	14,000.00
Water Mains	23,000.00
Others	24,000.00

From Sinking Fund Com- missioners	118,800.00
--	------------

\$636,702.79

Interest

On Deposits	\$9,781.58
Taxes	22,211.94
Special Assessments:	
Sewer	91.59
Sidewalk	576.55
Betterment	456.62

RECEIPTS

17

House Connections	458.21
Tax Titles	81.82
Water Interest from Sinking Fund Commissioners	3,776.95
On Bonds	1,326.83
Liberty Bonds	64.17
Trust Funds	3,645.24
All Other	6.30
	<hr/>
	\$42,477.80

Trust and Investments

Cemetery, Perpetual Care.....	\$3,089.00
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Refunds, Etc.

Refund through Treasurer—	
Claim not paid.....	\$50.00
Refund cancelled policy	211.16
Refund overpayment Second Street Assessment	84.00
Refunds overpayments City Home	57.50
Refund Teachers' Salary—	
School Department	39.00
Refund Overpayment—School Department	63.00
Refund Adjustment—School Department	1.80
Reimbursement Fire Insurance —Health Department	250.00
Reimbursement Insurance—	
School Department	11.60
Reimbursement Fire Insurance —School Department	602.00
Reimbursement Fire Insurance —Library Department ...	31.12

Reimbursement Liability Insurance—Water Department .	454.61	
Reimbursement Liability Insurance—Cemetery Dept.....	147.93	
Unclaimed Allowance—Outside Relief	115.00	
Unclaimed Allowance—State Aid	12.00	
Unclaimed Allowance—Soldiers' Relief	80.00	
	<hr/>	\$2,210.72
Total Receipts		\$3,619,230.09
Cash Balance January 1, 1922.....		317.127.31
		<hr/>
		\$3,936,357.40

ANALYSIS OF PAYMENTS**Revenue****GENERAL GOVERNMENT****Aldermen's Contingent****Expenses:**

Stationery and Postage	\$53.50	
Printing and Advertising .	418.00	
Banquet and Refreshments	329.03	
All Other	199.00	
	<hr/>	\$999.53

Mayor's Miscellaneous Account**Expenses:**

Clerk and Stenographer ..	\$1,432.00	
Other Clerical	1,059.00	
Stationery and Postage ...	80.14	
Printing and Advertising .	74.00	
Telephone	216.47	
Use of Auto	374.00	
All Other	319.00	
	<hr/>	\$3,554.65

Auditing Department**Salaries and Wages:**

Auditor	\$2,750.00
Clerks	1,864.00
Pension	1,250.00

Expenses:

Stationery and Postage ...	237.55
Printing	271.50

Telephone	103.79	
Equipment	51.25	
All Other	151.90	
	<hr/>	\$6,679.99

Treasury Department**Salary:**

Treasurer	\$2,750.00
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Expenses:

Books, Stationery and Post- age	219.54	
Carfare	5.40	
Telephone	28.11	
All Other	46.95	
	<hr/>	\$3,050.00

Collecting Department**Salaries:**

Collector	\$2,750.00
Deputy Collector	1,500.00
Clerks	4,673.37

Expenses:

Books, Stationery and Post- age	1,314.64	
Printing and Advertising..	907.00	
Carfares, etc.	42.30	
Telephone	70.05	
Equipment	353.80	
Constables' Fees and Ex- penses	898.23	
All Other	138.83	
	<hr/>	\$12,648.22

Assessors**Salaries:**

Assessors	\$3,950.00
Assistants	1,035.00
Clerks	6,186.63

Expenses:

Books, Stationery and Postage	475.92
Printing and Advertising ..	335.07
Carfares, Teams, etc.	152.80
Telephone	41.95
Poll Books	2,330.00
All Other	72.60

Equipment:

Assessors' Plans	247.54
Others	285.10

 \$15,112.61
Law Department**Salary:**

City Solicitor	\$2,000.00
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Expenses:

Stationery and Postage ...	107.74
Others	170.79

 \$2,278.53
City Clerk's Department**Salaries:**

City Clerk	\$2,900.00
Assistant City Clerk	1,500.00
Clerks	1,308.25

Expenses:

Stationery and Postage . . .	317.71	
Printing and Advertising . .	173.00	
Telephone	119.00	
All Other	229.94	
Equipment	158.90	
	<hr/>	\$6,706.80

Engineering Department**Salaries:**

Engineer	\$2,750.00
Assistants	4,413.04
Clerks	126.48

Expenses:

Stationery and Postage . . .	41.30	
Printing and Advertising .	25.50	
Blue Prints, Supplies, etc. .	268.34	
Carfares, Teams	95.70	
Telephone	31.04	
All Other	5.85	
Equipment	487.08	
	<hr/>	\$8,244.33

Election Expenses

Election Officers	\$4,612.00	
Clerical Work, Posting, etc.	1,157.25	
Janitors	79.50	
Stationery, Printing, Adver- tising	2,686.33	
Rent	135.00	
Teaming and Setting up Voting Booths	889.00	
All Other	595.47	
Election Equipment	160.31	
	<hr/>	\$10,314.86

EXPENDITURES

23

Registration of Voters

Assistant Registrars	\$245.00	
Others	5.00	
	<hr/>	\$250.00

Portable Voting Booths

Contract		\$3,847.00
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Purchasing Department

Salaries:

Purchasing Agent	\$2,500.00	
Clerk	1,194.96	

Expenses:

Stationery and Postage ...	123.85	
Printing and Advertising ..	124.00	
Telephone	138.40	
Auto Expenses	420.00	
All Other	2.40	
	<hr/>	\$4,503.61

Board of Survey

Advertising	\$20.25	
Engineering Labor	38.28	
All Other	2.29	
	<hr/>	\$60.82

City Hall and Messenger's Expense

Salaries:

City Messenger	\$2,100.00	
Janitor	1,825.00	
Night Watchman	1,825.00	
Other Salaries	543.13	

Expenses:

Rent of Offices	\$5,700.04	
Light	348.45	

Janitor's Supplies	240.23	
Towel Service	154.80	
Spring Water, Ice and Drinking Cups	137.00	
Repairs	598.85	
Telephone	96.40	
Stationery, Printing, Post- age	88.50	
Auto Rental	136.75	
Inaugural Expenses	652.13	
All Other	63.19	
Equipment	326.99	
	<hr/>	\$14,836.46

City Hall Construction

Rebuilding Driveway	\$500.00
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PROTECTION OF PERSONS AND PROPERTY

Police Department

Salaries and Wages:

Chief	\$2,750.00
Lieutenants and Sergeants .	10,400.00
Patrolmen	64,315.70
Janitor	1,825.00
Matron	7.50
Pensions	1,700.00
Reserve Officers	10,475.01

Equipment and Repairs:

Motor Equipment:

Repairs	887.69
Gasoline and Oil	535.48
Other	304.85
Equipment for Men	662.87
Other Equipment	160.84
Fuel	1,258.80
Light	220.77

Building and Grounds:

Repairs	20.40
Janitor's Supplies	73.93
Water	21.90
Other	57.60
Boiler	74.53

Other Expenses:

Printing, Stationery and	
Postage	403.16
Telephone	207.90

Care and Transportation of		
Prisoners	11.46	
Travelling Expenses	180.15	
Other	72.08	
Traffic Expenses:		
Equipment	243.75	
Supplies	40.20	
Others	47.00	
		<hr/>
		\$96,958.57

FIRE DEPARTMENT

Salaries and Wages:

Chief	\$5,876.50
Deputy Chief	609.84
Firemen	117,755.16
Pensions	833.34
Mechanician	2,050.00

Equipment and Repairs

Motor Equipment:

Repairs	\$1,245.48
Gasoline, Oil and Kero-	
sene	1,035.86
Other	1,188.44
Equipment for Men	208.83
Hose and Fittings.....	1,100.00
Equipment and Supplies..	298.81
Other Equipment	7.00
Fuel	2,089.96
Light	800.88

EXPENDITURES

27

Buildings and Grounds:

Repairs	301.28
Janitor's Supplies	314.67
Laundry	327.14
Furniture and Furnishings	30.50
Water	179.97
Other	86.03
Boiler	700.00

Other Expenses:

Printing, Stationery and Postage	46.94
Telephone	278.92
Other	62.21

Equipment:

Motor Pump	12,500.00	
Chief's Car	1,745.50	
	<hr/>	\$151,673.26

BUILDING COMMISSIONER'S DEPARTMENT

Salary:

Building Commissioner...	\$2,000.00
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Expenses:

Stationery and Postage...	51.25	
Printing and Advertising.	36.75	
Maintenance and Use of Auto	360.00	
Telephone	12.00	
	<hr/>	\$2,460.00

SEALER OF WEIGHTS AND MEASURES DEPARTMENT

Salary:

Sealer	\$1,300.00
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Expenses:

Assistants	20.00
Books, Stationery and	
Postage	33.77
Printing and Advertising.	9.00
Carfares, Teams, etc.....	175.45
Telephone	55.65
Equipment	145.45
Other	31.01

\$1,770.33

Gypsy and Brown Tail Moths

Salary:

Superintendent	\$400.00
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Expenses:

Labor	5,940.03
Equipment and Repairs..	59.68

Trees

Expenses:

Labor	\$5,806.33
Equipment and Repairs...	216.95
Trees	137.50
Other	7.50

\$12,567.99

Electrical Department**Salaries:**

Superintendent	\$2,300.00
Lineman	1,716.00
Assistant Lineman	73.92

Expenses:

Printing and Stationery..	19.95
Telephone	76.03
Use of Auto	480.00
Supplies	158.55
Other	12.10

 \$4,836.55
Fire Alarm and Police Signal Service**Fire Alarm:**

Labor	\$231.77
Equipment	688.84
Repairs	127.07
Supplies	148.58
Auto	192.00
Other	43.68

Police Signal

Labor	231.78
Equipment	1,154.71
Repairs	25.28
Supplies	219.92
Auto	192.00
Others	43.68

 \$3,299.31
Police Signal System Equipment**Expenses:**

Supplies	\$58.19
Other	1.75

 \$59.94

Fire Alarm Signal System Equipment**Expenses:**

Signal Boxes	\$339.26	
Labor	73.92	
Auto	22.00	
Others	65.89	
	<hr/>	\$501.07

Militia**Armory:**

Rent	\$2,000.00	
Co. E, 101st Engineers:		
Rifle Practice	343.40	
Transportation	100.00	
Lunches	76.50	
Others	24.00	
	<hr/>	\$2,543.90

HEALTH AND SANITATION**Health Department****Salaries:**

Chairman of Board of Health	\$400.00
Other Members	100.00
Health Inspector	500.00
Medical Inspector	200.00
Inspector of Plumbing....	1,750.00
Clerk	1,300.00
Inspector of Dumps.....	1,560.00

Expenses:

Office Supplies, Stationery and Postage	135.12
Printing and Advertising.	9.50
Telephone	90.23
Automobile:	
New Auto	478.50
Hire	20.00
Repairs	70.87
Gasoline and Oil....	71.00
Other	53.11
Burying Dead Animals....	31.55
All Other	9.90

 \$6,779.83
Inspection**School Children:****Salaries:**

Medical Inspector	\$600.00
Nurses	2,394.98
Expense	88.00
Auto Hire, Transpor- tation of Children	50.00

Meat and Provisions:

Salaries	250.00
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Milk and Vinegar:

Salaries	500.00
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\$3,882.98

Contagious Diseases

Guards and Nurses	\$691.66
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Drugs and Medicines	372.75
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Medical Attendance	390.00
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Auto Expense	200.00
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Printing, Stationery and Post- age	10.00
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Nurses' Expenses	44.00
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Institutions**Board and Treatment:**

State	\$366.51
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Cities	40.00
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Towns	191.10
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Tuberculosis**Board and Treatment:**

State Institutions	\$587.68
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\$2,893.70

Reporting and Recording Births and Deaths**Expenses:**

Clerks	\$941.50
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Clerks	298.50
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Printing, Stationery and Postage	151.75
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Reporting Births	120.25
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Reporting Deaths	66.75
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Equipment	73.00
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\$1,651.75

Sanitation**Sewer Maintenance:**

Labor	\$2,330.72	
Equipment	104.24	
Equipment and Repairs ...	63.00	
Rubber Boots, etc.	81.43	
All Other	45.34	
	<hr/>	\$2,624.73

Sewer Construction:**Administration:**

Watchman	354.78	
Compensation	19.00	
Pensions	427.50	
Holidays and Vacations	4,454.21	
Office Clerks	1,981.25	
Others	45.36	
Engineering	1,161.06	
Labor	14,818.19	
Teams	6.50	
Equipment and Repairs	1,173.89	
Brick, Sand, Cement, etc. ..	2,035.21	
Pipe and Castings	4,537.36	
Freight	1,428.65	
Lumber	388.47	
House Connections (Labor).	10,245.96	
Other	1.25	
	<hr/>	\$43,078.64

Surface Drains and Catch Basins Construction:

Engineering	\$127.35
Labor	10,350.68
Equipment and Repairs ..	501.72
Brick, Sand, Cement, etc. ..	2,035.21
Pipe and Castings	1,753.94
Freight	534.92

Lumber	189.89	
All Other	79.94	
Gasoline and Oils	304.17	
	<hr/>	\$17,805.45

Maintenance of Surface Drains and Catch Basins:

Labor		\$510.00
Street Cleaning:		
Labor	\$11,564.43	
Cleaning Catch Basins	2,899.22	
	<hr/>	14,463.65

Ashes

Labor	\$33,638.10	
Teams	36.02	
Equipment and Repairs	1,908.07	
Hay, Grain, etc	376.88	
Gasoline and Oil	945.51	
All Other	162.00	
	<hr/>	\$37,066.58

Collection of House Offal

Labor	\$20,598.28	
Teams	40.00	
Equipment and Repairs	1,923.61	
Gasoline and Oil	990.26	
Hay and Grain	1,375.85	
	<hr/>	\$24,928.00

Brooks and Streams

Labor	\$338.83	
Equipment	61.00	
	<hr/>	\$399.83

General Highways**Administration:**

Salary of Commissioner ...	\$2,750.00
Clerks	1,805.54
Stationery and Postage ...	74.25
Printing and Advertising .	32.00
Telephone	170.06
Insurance	159.50
All Other	1.00

General Expenses:

Labor	\$8,895.58
Equipment	1,012.16
Equipment and Repairs ..	858.49
Road Binders and Oil	8,368.00
Crushed Stone, Sand, Gravel, etc.	7,056.50
Fuel	8.25
Others	128.99

Maintenance of Stable:

Labor	\$6,674.14
Hay, Grain and Straw	3,898.15
Shoeing	231.73
Equipment and Repairs ..	558.06
Stable Supplies	157.24
Fuel and Light	312.47
Gasoline and Oil	2,197.08
Veterinary and Medicines .	24.95
Auto	1,660.76
Other	1,051.73

Snow and Ice Removal:

Labor	\$7,378.41
Others	21.00

\$54,986.04

Gravel Sidewalks

Labor	\$813.06	
Crushed Stone, Sand and Gravel	686.94	
	<hr/>	\$1,500.00

Sidewalks and Edgestones**Maintenance:**

Labor	\$12,518.80	
Crushed Stone, Sand, Gravel, etc.	3,925.14	
Edgestones	1,634.00	
Engineering	330.16	
Equipment	119.00	
All Others	483.22	
	<hr/>	\$19,010.32

Construction:

Engineering	\$97.04	
Labor	3,108.93	
Edgestones	508.37	
Crushed Stone, Sand, Gravel, etc.	359.59	
Brick and Cement	644.05	
Equipment	608.00	
All Other	51.41	

Motor Equipment:

Repairs	7.15	
Gasoline and Oil	15.60	
	<hr/>	\$5,400.14

Tar Walks

Labor	\$479.20	
Others	20.80	
	<hr/>	\$500.00

EXPENDITURES

37

Bridges

Labor	\$126.43	
Repair Fence	7.00	
	<hr/>	\$133.43

Paving Gutters

Labor	\$500.00
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Watering Streets

Labor	\$2,517.63	
Motor Equipment	133.45	
Road Oil	14,820.23	
Sand	854.64	
	<hr/>	\$18,325.95

Paving—Medford Square

Labor	\$146.21
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Construction—Salem Street Widening

Labor	\$2,747.70	
Crushed Stone, Sand, Gravel, etc.	975.70	
Engineering	15.56	
Road Oil and Binder	496.75	
Fuel	55.40	
Auto—Gasoline and Oil	66.08	
Others	37.62	
	<hr/>	\$4,394.81

Construction—Amaranth Avenue

Labor	\$470.89	
Edgestones, Road Binders	906.50	
Engineering, Crushed Stone, etc.	173.08	
	<hr/>	\$1,550.47

Construction—Edward Street

Labor	\$1,926.82	
Cement, Brick, etc.	135.97	
Edgestone	1,366.14	
Engineering	71.07	
	<hr/>	\$3,500.00

Construction—Gourley Road

Labor	\$2,554.60	
Road Binders and Oil	400.00	
Crushed Stone and Gravel	280.98	
	<hr/>	\$3,235.58

Construction—Sheridan Avenue

Labor	\$2,477.93	
Stone, Sand and Gravel	767.48	
Road Binders and Oil	662.50	
Oil and Gasoline	76.50	
Others	15.59	
	<hr/>	\$4,000.00

Construction—Dwyer Circle

Labor	\$2,788.48	
Engineering	10.64	
Road Oils and Binders	712.50	
Cement, Stone, etc.	1,724.77	
	<hr/>	\$5,236.39

Street Lights

Contract	\$26,801.63	
Other Installments	5.62	
	<hr/>	\$26,807.25
Highway Department Pensions		\$2,950.00
Highway Department — Auto Truck		\$5,250.00

EXPENDITURES

39

Stone Bounds

Engineering	\$14.24	
Labor	82.95	
	<hr/>	\$97.19

Guide Boards and Street Signs

Labor	\$336.31	
Painting and Lettering	91.75	
Signs	25.00	
Others	146.40	
	<hr/>	\$599.46

CHARITIES AND SOLDIERS' BENEFITS

Poor Department

Salaries:

Overseers	\$800.00
Secretary	349.92

Expenses:

Stationery and Postage ..	20.27
Travelling Expenses	10.05
Auto Expense	911.05

Outside Relief by City:

Cash Aid	\$11,811.97
Fuel	334.85
Groceries and Provisions ..	433.13
Dry Goods and Clothing ..	297.54
Drugs and Medicines	193.03
Board and Care	1,459.55
Rent	565.75

Transportation	15.00
Burials	110.00
State Institutions	2,895.95
Other Institutions	596.38
Medical Attendance and Nursing	60.00
All Other	64.65

Relief Given by Other Cities:

City of Boston	\$1,235.74
City of Cambridge	162.25
City of Malden	114.39
City of Somerville	599.25
Town of Lexington	64.15

Mothers' Aid

Relief Given by City:

Cash Aid	\$12,889.00
Rent	40.00
Others	25.00

Relief Given by Other Cities:

City of Malden	1,051.50
City of Somerville	252.00

Automobile

\$37,362.37
\$1,300.00

City Home

Salaries:

Superintendent	\$999.98
Other Employees	5,071.63

Expenses:

Groceries and Provisions ..	5,288.54
Dry Goods and Clothing ..	382.00
Medicine and Medical At- tendance, Nursing	415.68

EXPENDITURES

41

Fuel and Light	1,727.62	
Furniture and Furnishings	842.95	
Repairs	1,286.29	
Telephone	106.55	
Equipment	126.48	
Equipment and Repairs ..	620.66	
Livestock	345.30	
Hay, Straw and Grain	685.87	
Shoeing	73.68	
Water	106.80	
Garbage	200.00	
All Other	407.10	
	<hr/>	\$18,687.13

Soldiers' Benefits**State Aid :**

Civil and World Wars	\$2,826.00	
Spanish War	72.00	
Military Aid	626.00	
Soldiers' Relief	11,428.96	
	<hr/>	\$14,952.96

SCHOOLS AND LIBRARIES

SCHOOL DEPARTMENT

General Administration

Salaries and Wages:

Secretary	\$600.00
Superintendent	4,500.00
Clerks	4,688.27
Truant Officer	1,750.00

Expenses:

Printing, Stationery and	
Postage	636.80
Telephone	835.53
Use of Auto, Superintendent	300.00
Travelling Expenses	149.63
All Other	204.29

Teachers' Salaries:

Day Schools:

High	\$107,332.00
Elementary	259,000.39
Supervisors	5,589.63

Evening Schools:

High	708.95
Vocational	217.90
Americanization	374.40
Elementary	1,389.25

Tuition:

Elementary	80.00
Support of Truants ..	325.71

EXPENDITURES

43

Tuition:

Elementary	80.00
Support of Truants	325.71

Janitors' Salaries:

Day Schools:

High	6,729.64
Elementary	20,496.34
Evening Schools	76.00
Pension "Stewardship"	600.00

Text Books and Supplies

High:

Text and Reference Books	\$3,353.55
All Other	5,355.27

Elementary:

Text and Reference Books	5,300.92
All Other	9,935.09

Evening:

Books and Supplies	103.52
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Fuel and Light:

High	4,229.91
Elementary	20,073.05

Maintenance of Buildings and Grounds

High:

Repairs	\$3,073.06
Janitors' Supplies	275.05
All Other	190.38

Elementary:

Repairs	6,600.04
Janitors' Supplies	1,915.41
All Other	332.25

Furniture and Furnishings:

High	1,574.74
Elementary	1,313.73
Brooks School—Equipment	700.68

Other Expenses:

Diplomas and Graduation	
Exercises	276.54
Other	19.38

 \$481,207.30
Summer School

Teachers	\$1,895.00
Books, etc.	26.50
Other	6.00

 \$1,927.50
Retarded Children

Salaries	\$6,200.00
Transportation	35.75
Books and Supplies	266.33

 \$6,502.08
Trade School

Tuition	\$2,942.75
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Manual Training

Equipment	\$54.00
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Fulton Heights Schoolhouse

Fuel	\$32.50
Electrical Contract	976.35
Land	1,671.57
10% Contract	104.36

 \$2,784.78

EXPENDITURES

45.

Portable School—Tufts

Contract	\$2,275.00	
Furniture and Fixtures	591.76	
Others	4.70	
	<hr/>	2,871.46

South Medford Junior High School

Architect	\$16,561.67	
Supervision	520.00	
Contract—General	60,462.20	
Contract—Plumbing and Heat- ing	1,563.76	
Contract—Electrical	956.25	
Advertising	94.60	
Others	5.00	
	<hr/>	\$80,163.48

Center School—Heating Plant

Engineer	\$523.74	
Contract	7,305.75	
Advertising	47.70	
	<hr/>	\$7,877.19

Center School—Equipment

Equipment	\$316.25
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Schoolhouse Building Commission

Clerical	\$22.10	
Architects' Reports	111.40	
Postage, Printing, etc.	11.84	
	<hr/>	\$145.34

Public Library**Salaries and Wages:**

Librarian	\$1,787.70
Assistants	5,414.46
Janitor	1,056.00
All Other	192.80

Expenses:

Books	5,251.64
Telephone	68.74
Periodicals	91.02
Binding	747.55
Fuel	588.14
Light	175.98
Printing, Stationery and	
Postage	580.23
Express	42.81
Other	217.59

Buildings and Grounds:

Repairs	1,281.08
Furniture and Furnishings	543.56
Janitor's Supplies	57.30
Care of Grounds	165.06
All Other	99.53

 \$18,361.19
Agencies

Agents	\$452.08
Others	56.25

 \$508.33

RECREATION AND UNCLASSIFIED

Park Department

Administration:

Superintendent	\$800.00
Secretary and Clergy.....	400.00
Printing, Stationery and Postage	47.07
Telephone	35.55
All Other	25.50

Public Commons:

Labor	5,955.13
Teams	589.38
Engineering	72.00
Equipment	309.99
Equipment and Repairs....	300.50
Band Stand, Repairs, Flag and Flagpoles	110.25
All Other	17.03

Playgrounds:

Supervision	1,335.93
Athletic Supplies	198.38
Other	90.85

\$10,287.56

Care of Bath House

Keeper	\$382.25
Repairs:	
Labor	16.00

\$398.25

UNCLASSIFIED**Metropolitan Assessments**

Park Tax	\$26,873.40-
Charles River Basin.....	4,002.69
Wellington Bridge	4,876.73
Sewer Tax	41,392.91

State Taxes

Civilian War Poll Tax.....	31,203.00
Fire Prevention Tax	469.53
State Tax	86,760.00
State Highway Tax.....	385.05
Auditing Municipal Accounts..	1,056.63

County of Middlesex

County Tax, 1922	55,112.88
Claims:	
Industrial Accident Com-	
pensation	\$1,802.00
Other	22,257.06
	<hr/>
	\$24,059.06

Civil Service:

Salary of Clerk	\$191.66
Stationery and Postage....	29.69
Equipment	50.00
Telephone	20.29
	<hr/>
	\$291.64

Celebration of April 19th.....	\$145.92
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EXPENDITURES

49

Decoration and Care of Soldiers' Graves:

Post 66, G. A. R.....	323.13
Camp 30, S. W. V.....	234.40
American Legion	441.92

 \$999.45

 Decoration of Policemen's
Graves

\$50.00

Decoration of Firemen's Graves

75.00

Rent—Spanish War Veterans..

384.00

Rent of G. A. R. Hall.....

605.03

 Rent of Post 45, American Le-
gion

960.00

Insurance

12,153.19

Bonds of City Officials.....

910.00

 Special Committee—Board of
Aldermen

956.48

 BILLS OF 1921

 General Government
(1921)

Aldermen's Contingent:

Printing	\$302.60
Lunches	24.50

Law Department:

Printing	20.00
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 Election Expenses
(1921)

Janitor	\$2.50
Printing	94.20
Rental	15.00
Others	2.64

School Department

(1921)

Text Books and Supplies**High:**

Text and Reference Books.	\$63.92
All Other	1,134.97

Elementary:

Text and Reference Books.	1,582.07
All Other	2,056.32

Fuel and Light:

High	983.71
Elementary	7,757.96

Printing City Reports

(1921)

Binding	\$30.35
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\$14,070.74
BILLS OF 1922**Printing and Binding City Reports**

Supervision	\$50.00
Contract	1,669.20
All Other	30.35

\$1,749.55
Printing City Ordinances

Advertising City Ordinances....	\$48.00
Printing	7.50

\$55.50
Rent of Vaults—Sinking Fund

Commissioners	\$110.00
Memorial Honor Roll.....	73.42

EXPENDITURES

51

Salaries:

Mayor	\$3,000.00	
Mayor's Clerk	200.00	
City Physician	500.00	
Clerk of Committees.....	900.00	
Inspector of Animals.....	100.00	
Registrars of Voters.....	1,400.00	
Treasurer of Sinking Funds	450.00	
Secretary of Sinking Funds	25.00	
Agent—State Aid	300.00	
Burial Agent	62.50	
	<hr/>	\$6,937.50

Tax Titles:

Estates Bought at Sale for Taxes	\$759.60
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Water Service

Administration:

Superintendent	\$2,400.00
Registrar	2,300.00
Clerk of Board.....	204.00
Clerks	3,858.48
Water Commissioners	150.00
Watchman	617.35
Vacation and Holidays	4,479.44
Accident Compensation and Pensions	775.50
Reading Meters	4,093.88
Printing, Stationery and Postage	1,006.00
Telephone	193.32
All Other	301.56

General:

Labor	3,614.99
Teams	11.50
Pipe and Fittings	588.39
Meters and Repairs	1,081.99
Hydrants and Repairs.....	863.17
Equipment and Repairs...	484.96
Repairs on Buildings.....	431.89
Refunds	43.66
All Other	53.24

Shop and Garage:

Labor	2,661.53
Hay, Grain and Straw.....	331.13
Repairs of Wagons, Harness, etc.	69.36
Stable Supplies	8.10
Motor Equipment:	
Repairs	4,677.20
Gasoline and Oil	2,237.80
All Other	414.60
Fuel and Light	745.32
All Other	32.70

Construction:

Labor	11,123.33
Teams	46.00
Pipe and Fittings	8,287.69
Meters and Fittings	4,547.66
Hydrants and Fittings....	433.00
Freight	534.83
Equipment and Repairs....	1,398.17
All Other	420.65

Service Connections:

Labor	2,968.17
Pipe and Fittings	6,410.11

EXPENDITURES

53

Others	21.16	
Metropolitan Water Tax.....	41,268.34	
	<hr/>	\$116,190.17

Care of Cross and Salem Street Cemeteries

Labor	\$1,693.81	
Tools and Supplies	180.83	
Loam and Dressing	36.00	
Trees, Plants and Shrubs.....	158.50	
Repairs	396.00	
Others	127.18	
	<hr/>	\$2,592.32

Care of Oak Grove Cemetery**Salaries and Wages:**

Trustees	\$200.00
Superintendent	2,380.00
Clerk	780.00
Labor	11,613.16

Expenses:

Engineering	29.30
Fertilizer, Loam, Dressing, etc.	625.50
Trees, Plants and Shrubs...	1,408.37
Hardware and Tools	258.99
Equipment	531.66
Auto	900.00
Auto Supplies and Repairs.	1,238.32
Horses and Care of Same...	634.23
Maintenance of Buildings..	584.58
Lumber	41.80
Markers	161.50
Telephone	148.56
Office Supplies	110.13

Fuel and Light	188.41	
Insurance	46.23	
Concrete	769.50	
All Other	800.15	
	<hr/>	\$23,450.39

INTEREST AND MATURING DEBT

Interest

Temporary Loans:

Anticipation of Revenue...	\$30,461.65
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General Loans:

Sidewalks and Streets.....	12,931.75	
Sewer and Surface Drains;	15,649.50	
Schools	30,708.25	
City Hall and Parks.....	9,453.75	
Other	7,451.25	
On Registered Bonds.....	1,640.00	
Interest on Water Debt.....	3,020.00	
	<hr/>	\$111,316.15

Municipal Indebtedness

Temporary Loans:

Anticipation of Revenue...	\$1,100,000.00
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General Loans:

Sidewalks and Streets.....	\$81,700.00
Sewer and Surface Drains..	49,500.00
Schools	97,000.00
Municipal Loan	13,800.00

EXPENDITURES

55

Others	39,800.00	
Preparation and Certifica- tion	1,795.00	
	<hr/>	\$283,595.00
Water		\$31,000.00
Perpetual Care Fund.....		3,089.00

Income from Trust Funds

Bradbury Fund	\$512.03	
Secomb Fund	290.00	
Simonds Fund	65.00	
Hall Church Fund.....	250.00	
Osgood, Tufts and Munroe (Li- brary)	150.47	
D. W. Lawrence—Poor Fund...	562.50	
	<hr/>	\$1,830.00

Refunds

State—Bank Tax	\$21.76	
Real Estate Tax..	438.24	
Poll Tax	2.00	
Overlay Taxes 1922.....	10.50	
Overlay Taxes 1921.....	20.60	
Overlay Taxes 1920.....	3.00	
Overlay Taxes 1919.....	2.00	
Costs .....	.20	
Water Connections	17.80	
	<hr/>	\$516.10
Total Payments		\$3,364,174.66
Cash Balance December 31, 1922		572,182.74
		<hr/>
		\$3,936,357.40

Miscellaneous Bills

The books of this department show the amounts remaining uncollected January 1, 1923, to have been the following accounts:

General Expense—School Department	\$437.00	
Outside Relief	8,486.88	
Contagious Diseases	775.88	
Sewer Maintenance	608.36	
Income from Estates Taken for Taxes	22.50	
Sewer Construction	1,350.48	
Surface Drains	8.50	
General Repairs of Highways...	36.76	
Collection of Ashes.....	121.66	
Gypsy and Brown Tail Moths...	179.18	
Engineering Dept. Expenses....	28.60	
Miscellaneous Credits	400.50	
Health Dept. Expenses.....	681.60	
Food Production and Conservation	178.25	
Sidewalks and Edgestones.....	1,844.50	
City Hall	39.05	
Public Commons	18.00	
City Home	88.30	
City Debt	28.00	
Interest	1.47	
Fulton Heights School.....	10.00	
Text Books and Supplies.....	100.00	
Collection of Offal.....	875.00	
	<hr/>	\$16,320.47

BALANCE SHEET, DECEMBER 30, 1922

Cash	\$572,182.74
Taxes 1922	467,287.75
Taxes 1921	75,898.74
Taxes 1920	1,332.43
Taxes 1919	354.27
Taxes 1918	5.65
Taxes 1917	2.00
December Taxes 1922.....	218.75
December Taxes 1920.....	64.07
Tax Titles	8,317.20
Land Court Expenses	39.25
Constables' Fees and Expenses.	5.20
Unapportioned Sewer Assess- ments	9,297.53
Apportioned Sewer Assess- ments 1922	153.17
Sidewalk Applications	2,656.35
Unapportioned Sidewalk Assess- ments	2,282.86
Apportioned Sidewalk Assess- ments 1922	747.17
Apportioned Sidewalk Assess- ments 1921	93.31
Unapportioned Betterment As- sessments	2,634.59
Apportioned Betterment As- sessments 1922	413.67
Apportioned Betterment As- sessments 1921	89.45
Commit. Int. Apport. Sewer As- sessment 1922	8.07
Commit. Int. Apport. Sidewalk Assessment 1922	150.14

Commit. Int. Apport. Sidewalk Assessments 1921	21.73	
Commit. Int. Apport. Betterment Assessments 1922	77.58	
Commit. Int. Apport. Betterment Assessments 1921.....	15.96	
Commit. Int. Apport. Sewer Connections 1922	150.32	
Commit. Int. Apport. Sewer Connections 1921	4.81	
Commit. Int. Apport. Sewer Connections added to Taxes 1922	36.60	
Commit. Int. Apport. Sewer Connections added to Taxes 1921	19.80	
Water Connections	9,585.68	
Unapport. Sewer Connections..	21.43	
Apport. Sewer Connections 1922	803.12	
Apport. Sewer Connections 1921	51.46	
Sewer Connections added to Taxes 1922	1,371.20	
Sewer Connections added to Taxes 1921	581.89	
Mosquito Assessment	3,481.72	
Notes in Anticipation		\$600,000.00
Overlay Taxes 1922		6,297.15
Overlay Taxes 1921		10,641.25
Overlay Taxes 1920		4,557.03
Overlay Taxes 1917		16.48
Excess and Deficiency		41,587.79
December Taxes—Revenue		282.82
Sewer Assessment—Revenue ...		9,450.70
Sidewalks—Revenue		7,266.47
Sidewalk Assessment—Revenue.		3,123.34
Betterment Assessment—Revenue		3,137.71

EXPENDITURES

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Sewer Connections—Revenue ..		876.01
Sewer Connections added to Taxes—Revenue		1,953.09
Commit. Int. Apport. Assess. and Sewer Conn.—Revenue		485.01
Mosquito Nuisance		3,481.72
Tailings		135.69
State Aid—Comm. of Mass....	2,876.00	
Military Aid—Comm. of Mass.	298.00	
Civilian War Poll Tax.....		1,986.00
Apport. Sewer Assessment Not Due	1,991.46	
Apport. Sewer Assessment Due 1923		571.71
Apport. Sewer Assessment Due 1924		543.64
Apport. Sewer Assessment Due 1925		391.04
Apport. Sewer Assessment Due 1926		390.98
Apport. Sewer Assessment Due 1927		94.09
Apportioned Sidewalk Assess- ment Not Due	6,883.28	
Apportioned Sidewalk Assess- ment Due 1923		1,828.19
Apportioned Sidewalk Assess- ment Due 1924		1,506.85
Apportioned Sidewalk Assess- ment Due 1925		1,001.77
Apportioned Sidewalk Assess- ment Due 1926		780.42
Apportioned Sidewalk Assess- ment Due 1927		602.81
Apportioned Sidewalk Assess- ment Due 1928		432.54
Apportioned Sidewalk Assess- ment Due 1929		316.72

Apportioned Sidewalk Assessment Due 1930	202.33	
Apportioned Sidewalk Assessment Due 1931	160.71	
Apportioned Sidewalk Assessment Due 1932	50.94	
Apportioned Betterment Assessment Not Due		4,974.20
Apportioned Betterment Assessment Due 1923	1,687.20	
Apportioned Betterment Assessment Due 1924	863.23	
Apportioned Betterment Assessment Due 1925	598.48	
Apportioned Betterment Assessment Due 1926	550.78	
Apportioned Betterment Assessment Due 1927	303.71	
Apportioned Betterment Assessment Due 1928	264.33	
Apportioned Betterment Assessment Due 1929	243.14	
Apportioned Betterment Assessment Due 1930	243.13	
Apportioned Betterment Assessment Due 1931	220.20	
Apportioned Sewer Connections Not Due		17,459.43
Apportioned Sewer Connections Due 1923	4,289.24	
Apportioned Sewer Connections Due 1924	4,070.80	
Apportioned Sewer Connections Due 1925	3,620.68	
Apportioned Sewer Connections Due 1926	2,956.46	

EXPENDITURES

61

Apportioned Sewer Connections		
Due 1927		2,522.25
Board of Survey		293.96
Repair Shop—Fire Department		82.93
Sidewalks and Edgestones Main-		
tenance		4,452.39
Special Fund—Charity		328.11
Outside Relief	\$5,104.64	
Heating Plant — Centre School		1,327.25
Electrical Lighting — Centre		
School		1,500.00
Trade School	1,192.86	
Dedication of Honor Roll		500.00
D. W. Lawrence Band Con-		
cert Fund		1,800.00
Water Service	8,155.10	
Care of Oak Grove Cemetery ..		61.46
Interest		5,038.49
Interest—Water Debt		6,026.02
City Debt—Current		500.00
City Debt—General		12,747.36
Income—Trust Funds		220.49
Loans Authorized	3,500.00	
City Hall Construction		97,770.85
Police Signal System		29.10
Two Penny Brook—Covered		
Drain		6,000.00
Sewer Construction	2,925.50	
Surface Drains Construction ..		3,635.88
Construction—Dwyer Circle ..		7.52
Riverside Avenue		1,438.83
Fulton Heights Schoolhouse ...		1,879.68
High School Addition		80.56
Playground Equipment		3,000.00
Memorial Honor Roll		74.62

Food Production and Conservation	25.07
Development of Port of Boston	333.34
Fuel Administration	147.92
War Emergency	79.16
Special War Emergency	850.00
Departmental Equipment	18.81
Manual Training Equipment—	
School	6,946.00
Land—Dame School	4,000.00
Portable School—Tufts	128.54
Junior High School, South Medford	294,836.52
Portable School—Dame	327.59
Park Street and Wellington Park	8,692.69
Fire Department—Repair Shop Equipment	630.66
Fire Alarm Signal Service Equipment	6.90
Portable Band Stand	259.75
Portable Voting Booth	153.00
Circuit Road Water Main	15,000.00
Water Main—Winslow Avenue and Homestead Park	8,000.00
	<hr/>
	\$1,215,818.13 . \$1,215,818.13

ASSESSMENTS APPORTIONED**Sewer Assessments Apportioned**

Balance January 1, 1922	\$1,997.50	
Apportioned in 1922	673.41	
		<hr/>
		\$2,670.91
Committed to Collector in 1922	\$534.33	
Paid in Advance in 1922	145.12	
		<hr/>
		\$679.45
		<hr/>
Balance to be committed in future years		\$1,991.46

Sidewalks Assessments Apportioned

Jan. 1, 1922, balance to be committed	\$6,625.68	
Apportioned in 1922	2,814.60	
		<hr/>
		\$9,440.28
Committed to Collector in 1922	\$2,172.12	
Paid in advance in 1922	384.88	
		<hr/>
		\$2,557.00
		<hr/>
Balance to be committed in future years		\$6,883.28

Betterment Assessments Apportioned

Jan. 1, 1922, balance to be committed	\$5,670.43	
Apportioned in 1922	1,183.66	
		<hr/>
		\$6,854.09
Committed to Collector in 1922		\$1,879.89
		<hr/>
Balance to be committed in future years		\$4,974.20

Sewer Connections Apportioned

Jan. 1, 1922, balance to be committed	\$5,188.17	
Apportioned in 1922	16,327.23	
	<hr/>	\$21,515.40
Committed to Collector in 1922	\$1,877.67	
Paid in advance in 1922	2,178.30	
	<hr/>	\$4,055.97
		<hr/>
Balance to be committed in future years		\$17,459.43

BONDS OUTSIDE DEBT LIMIT

LOANS	Due	How Payable	Amount	Total Outstanding
Water Fund	July 1, 1923	S. F.	\$26,000.00	\$26,000.00
Water Mains Extensions..	Nov. 1, 1923	Taxes	5,000.00	.....
" " " "	Dec. 1, 1923	"	2,000.00	.....
" " " "	Nov. 1, 1924	"	6,000.00	.....
" " " "	Dec. 1, 1924	"	1,000.00	.....
" " " "	Nov. 1, 1925	"	5,000.00	.....
" " " "	Dec. 1, 1925	"	1,000.00	.....
" " " "	Nov. 1, 1926	"	5,000.00	.....
" " " "	Nov. 1, 1927	"	3,000.00	\$27,000.00
Sewerage Loan	Dec. 1, 1922	Taxes	500.00	.....
" " " "	Feb. 1, 1923	"	500.00	.....
" " " "	June 1, 1923	"	1,000.00	.....
" " " "	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	"	1,000.00	.....
" " " "	July 1, 1924	S. F.	10,000.00	.....
" " " "	Sep. 1, 1924	Taxes	500.00	.....
" " " "	Oct. 1, 1924	S. F.	10,000.00	.....
" " " "	Nov. 1, 1924	Taxes	500.00	.....
" " " "	Dec. 1, 1924	"	500.00	.....
" " " "	Feb. 1, 1925	"	500.00	.....
" " " "	June 1, 1925	"	1,000.00	.....
" " " "	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	"	1,000.00	.....
" " " "	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	"	1,000.00	.....
" " " "	Sep. 1, 1927	"	500.00	.....
" " " "	Nov. 1, 1927	"	500.00	.....
" " " "	Dec. 1, 1927	"	500.00	.....
" " " "	Feb. 1, 1928	"	500.00	.....
" " " "	June 1, 1928	"	1,000.00	.....
" " " "	Sep. 1, 1928	"	500.00	.....
" " " "	Nov. 1, 1928	"	500.00	.....

BONDS OUTSIDE DEBT LIMIT—Continued

LOANS	Due	How Pay- able	Amount	Total Outstanding
Sewerage Loan	Dec. 1, 1928	Taxes	\$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	.....
" "	Dec. 1, 1934	"	500.00	.....
" "	June 1, 1935	"	500.00	.....
" "	Nov. 1, 1935	"	500.00	.....
" "	Dec. 1, 1935	"	500.00	.....
" "	June 1, 1936	"	500.00	.....
" "	Nov. 1, 1936	"	500.00	.....
" "	Dec. 1, 1936	"	500.00	.....
" "	June 1, 1937	"	500.00	.....
" "	Nov. 1, 1937	"	500.00	.....
" "	Dec. 1, 1937	"	500.00	.....
" "	June 1, 1938	"	500.00	.....
" "	Nov. 1, 1938	"	500.00	.....
" "	Dec. 1, 1938	"	500.00	.....
" "	May 1, 1939	S. F.	5,000.00	.....
" "	June 1, 1939	Taxes	500.00	.....
" "	Sep. 1, 1939	S. F.	5,000.00	.....
" "	Nov. 1, 1939	Taxes	500.00	.....
" "	Dec. 1, 1939	"	500.00	.....
" "	June 1, 1940	"	500.00	.....

BONDS OUTSIDE DEBT LIMIT—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Sewerage Loan	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	\$188,500.00
Sewerage Loan (1920)	June 1, 1923	Taxes	1,000.00	.....
" " " "	June 1, 1924	"	1,000.00	.....
" " " "	June 1, 1925	"	1,000.00	.....
" " " "	June 1, 1926	"	1,000.00	.....
" " " "	June 1, 1927	"	1,000.00	.....
" " " "	June 1, 1928	"	1,000.00	.....
" " " "	June 1, 1929	"	1,000.00	.....
" " " "	June 1, 1930	"	1,000.00	.....
" " " "	June 1, 1931	"	1,000.00	.....
" " " "	June 1, 1932	"	1,000.00	.....
" " " "	June 1, 1933	"	1,000.00	.....
" " " "	June 1, 1934	"	1,000.00	.....
" " " "	June 1, 1935	"	1,000.00	\$13,000.00
Sewerage Loan (1921)	July 1, 1923	Taxes	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	\$9,000.00
Sewerage Loan (1922)	May 1, 1923	Taxes	1,000.00	.....
" " " "	May 1, 1924	"	1,000.00	.....
" " " "	May 1, 1925	"	1,000.00	.....
" " " "	May 1, 1926	"	1,000.00	.....

BONDS OUTSIDE DEBT LIMIT—Continued

LOANS	Due	How Pay- able	Amount	Total Outstanding
Sewerage Loan (1922)	May 1, 1927	Taxes	\$1,000.00	.....
" " "	May 1, 1928	"	1,000.00	.....
" " "	May 1, 1929	"	1,000.00	.....
" " "	May 1, 1930	"	1,000.00	.....
" " "	May 1, 1931	"	1,000.00	.....
" " "	May 1, 1932	"	1,000.00	.....
" " "	May 1, 1933	"	1,000.00	.....
" " "	May 1, 1934	"	1,000.00	.....
" " "	May 1, 1935	"	1,000.00	.....
" " "	May 1, 1936	"	1,000.00	.....
" " "	May 1, 1937	"	1,000.00	.....
" " "	May 1, 1938	"	1,000.00	.....
" " "	May 1, 1939	"	1,000.00	.....
" " "	May 1, 1940	"	1,000.00	.....
" " "	May 1, 1941	"	1,000.00	.....
" " "	May 1, 1942	"	1,000.00	\$20,000.00
Harbor Loan	Oct. 1, 1923	Taxes	2,000.00	.....
" " "	Oct. 1, 1924	"	2,000.00	.....
" " "	Oct. 1, 1925	"	2,000.00	\$6,000.00
City Hall	Jan. 3, 1923	Taxes	10,000.00	.....
" " "	Jan. 3, 1924	"	10,000.00	.....
" " "	Jan. 3, 1925	"	10,000.00	.....
" " "	Jan. 3, 1926	"	10,000.00	.....
" " "	Jan. 3, 1927	"	10,000.00	.....
" " "	Jan. 3, 1928	"	10,000.00	.....
" " "	Jan. 3, 1929	"	10,000.00	.....
" " "	Jan. 3, 1930	"	10,000.00	.....
" " "	Jan. 3, 1931	"	10,000.00	.....
" " "	Jan. 3, 1932	"	10,000.00	.....
" " "	Jan. 3, 1933	"	10,000.00	.....
" " "	Jan. 3, 1934	"	10,000.00	.....
" " "	Jan. 3, 1935	"	10,000.00	.....
" " "	Jan. 3, 1936	"	10,000.00	\$140,000.00
Park Loan	Feb. 1, 1930	S. F.	\$12,000.00	.....
" " "	July 1, 1932	" "	20,000.00	\$32,000.00
Metropolitan Park As- sessment Loan	Nov. 1, 1932	S. F.	.....	27,000.00
Playground Loan	Aug 1, 1923	Taxes	1,500.00	.....
" " "	Aug. 1, 1924	"	1,500.00	.....
" " "	Aug. 1, 1925	"	1,500.00	.....
" " "	Aug. 1, 1926	"	1,500.00	.....

BONDS OUTSIDE DEBT LIMIT—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Playground Loan	Aug. 1, 1927	Taxes	\$1,500.00	
" "	Aug. 1, 1928	"	1,500.00	
" "	Aug. 1, 1929	"	1,500.00	
" "	Aug. 1, 1930	"	1,500.00	
" "	Aug. 1, 1931	"	1,500.00	
" "	May 1, 1932	S. F.	9,000.00	
" "	Aug. 1, 1932	Taxes	1,500.00	
" "	Aug. 1, 1933	"	1,000.00	
" "	Aug. 1, 1934	"	1,000.00	
" "	Aug. 1, 1935	"	1,000.00	
" "	Aug. 1, 1936	"	1,000.00	
" "	Aug. 1, 1937	"	1,000.00	
" "	Aug. 1, 1938	"	1,000.00	
" "	Aug. 1, 1939	"	1,000.00	
" "	Aug. 1, 1940	"	1,000.00	
" "	Aug. 1, 1941	"	1,000.00	
" "	Aug. 1, 1942	"	1,000.00	\$34,000.00
School Loan (1912)	Jan. 1, 1923	Taxes	5,000.00	
" " "	July 1, 1923	"	5,000.00	
" " "	Jan. 1, 1924	"	5,000.00	
" " "	July 1, 1924	"	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	\$105,000.00
Junior High School	July 5, 1923	Taxes	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	

BONDS OUTSIDE DEBT LIMIT—Continued

LOANS		Due	How Pay- able	Amount	Total Outstanding
Junior High School.....	July 5, 1928	Taxes	\$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	.....	\$87,500.00
School Loan (1922).....	Aug. 1, 1923	Taxes	20,000.00	.....
" " ".....	Aug. 1, 1924	"	20,000.00	.....
" " ".....	Aug. 1, 1925	"	20,000.00	.....
" " ".....	Aug. 1, 1926	"	20,000.00	.....
" " ".....	Aug. 1, 1927	"	20,000.00	.....
" " ".....	Aug. 1, 1928	"	20,000.00	.....
" " ".....	Aug. 1, 1929	"	20,000.00	.....
" " ".....	Aug. 1, 1930	"	20,000.00	.....
" " ".....	Aug. 1, 1931	"	20,000.00	.....
" " ".....	Aug. 1, 1932	"	20,000.00	.....
" " ".....	Aug. 1, 1933	"	20,000.00	.....
" " ".....	Aug. 1, 1934	"	20,000.00	.....
" " ".....	Aug. 1, 1935	"	20,000.00	.....
" " ".....	Aug. 1, 1936	"	20,000.00	.....
" " ".....	Aug. 1, 1937	"	20,000.00	.....
" " ".....	Aug. 1, 1938	"	20,000.00	.....
" " ".....	Aug. 1, 1939	"	20,000.00	.....
" " ".....	Aug. 1, 1940	"	20,000.00	.....
" " ".....	Aug. 1, 1941	"	15,000.00	.....	\$375,000.00
School Loan (1919).....	July 1, 1923	Taxes	3,000.00	.....
" " ".....	July 1, 1924	"	3,000.00	.....
" " ".....	July 1, 1925	"	3,000.00	.....
" " ".....	July 1, 1926	"	3,000.00	.....
" " ".....	July 1, 1927	"	3,000.00	.....
" " ".....	July 1, 1928	"	3,000.00	.....
" " ".....	July 1, 1929	"	3,000.00	.....
" " ".....	July 1, 1930	"	2,000.00	.....
" " ".....	July 1, 1931	"	2,000.00	.....
" " ".....	July 1, 1932	"	2,000.00	.....
" " ".....	July 1, 1933	"	2,000.00	.....
" " ".....	July 1, 1934	"	2,000.00	.....
" " ".....	July 1, 1935	"	2,000.00	.....
" " ".....	July 1, 1936	"	2,000.00	.....
" " ".....	July 1, 1937	"	2,000.00	.....
" " ".....	July 1, 1938	"	2,000.00	.....
" " ".....	July 1, 1939	"	2,000.00	.....	\$41,000.00

BONDS OUTSIDE DEBT LIMIT—Continued

LOANS	Due	How Pay- able	Amount	Total Outstanding
Street Loan (1919)	June 1, 1923	Taxes	6,000.00	.....
" " "	July 1, 1923	"	7,000.00	.....
" " "	June 1, 1924	"	6,000.00	.....
" " "	July 1, 1924	"	7,000.00	.....
" " "	June 1, 1925	"	5,000.00	.....
" " "	July 1, 1925	"	7,000.00	.....
" " "	June 1, 1926	"	5,000.00	.....
" " "	July 1, 1926	"	7,000.00	.....
" " "	July 1, 1927	"	7,000.00	.....
" " "	July 1, 1928	"	7,000.00	.....
" " "	July 1, 1929	"	2,000.00	\$66,000.00
Total bonds outstanding	Outside Debt Limit..	.....	\$1,197,000.00	

BONDS WITHIN DEBT LIMIT—Continued

LOANS	Due	How Pay- able	Amount	Total Outstanding
Junior High School (1919) ..	Apr. 1, 1923	Taxes	1,000.00	.....
" " " " ..	Apr. 1, 1924	"	1,000.00	.....
" " " " ..	Apr. 1, 1925	"	1,000.00	.....
" " " " ..	Apr. 1, 1926	"	1,000.00	.....
" " " " ..	Apr. 1, 1927	"	1,000.00	.....
" " " " ..	Apr. 1, 1928	"	400.00	\$5,400.00
Original Equipment 1918				
Junior High School	June 1, 1923	Taxes	1,000.00	.....
" " " " ..	June 1, 1924	"	1,000.00	.....
" " " " ..	June 1, 1925	"	1,000.00	.....
" " " " ..	June 1, 1926	"	1,000.00	.....
" " " " ..	June 1, 1927	"	1,000.00	.....
" " " " ..	June 1, 1928	"	1,000.00	.....
" " " " ..	June 1, 1929	"	1,000.00	.....
" " " " ..	June 1, 1930	"	1,000.00	.....
" " " " ..	June 1, 1931	"	1,000.00	.....
" " " " ..	June 1, 1932	"	1,000.00	.....
" " " " ..	June 1, 1933	"	1,000.00	\$11,000.00
School Loan (1911)	Sep. 1, 1923	Taxes	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	\$34,000.00
School Loan (1919)				
Portable	Aug. 1, 1923	Taxes	1,000.00	.....
" " " " ..	Aug. 1, 1924	"	1,000.00	.....
" " " " ..	Aug. 1, 1925	"	1,000.00	.....
" " " " ..	Aug. 1, 1926	"	1,000.00	.....
" " " " ..	Aug. 1, 1927	"	1,000.00	.....
" " " " ..	Aug. 1, 1928	"	1,000.00	\$6,000.00
High Schoolhouse Addi- tion (1912)	Jan. 1, 1923	Taxes	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	.....

BONDS WITHIN DEBT LIMIT—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
High Schoolhouse Addition (1912)	Sep. 1, 1926	Taxes	\$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	.....
" " "	Jan. 1, 1931	"	1,250.00	.....
" " "	Jan. 1, 1932	"	1,250.00	.....
" " "	Jan. 1, 1933	"	1,250.00	.....
" " "	Jan. 1, 1934	"	1,250.00	\$20,500.00
High School Original Equipment	July 1, 1923	Taxes	1,500.00	.....
" " "	July 1, 1924	"	1,500.00	.....
" " "	July 1, 1925	"	1,500.00	.....
" " "	July 1, 1926	"	1,500.00	\$6,000.00
Hancock Avenue Schoolhouse	June 1, 1923	Taxes	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	.....
" " "	July 1, 1928	"	250.00	.....
" " "	June 1, 1929	"	1,600.00	.....
" " "	July 1, 1929	"	250.00	.....
" " "	June 1, 1930	"	1,600.00	.....
" " "	July 1, 1930	"	250.00	.....
" " "	June 1, 1931	"	1,600.00	.....
" " "	July 1, 1931	"	250.00	.....
" " "	June 1, 1932	"	1,600.00	.....
" " "	July 1, 1932	"	250.00	.....
" " "	June 1, 1933	"	1,600.00	.....
" " "	July 1, 1933	"	250.00	.....
" " "	June 1, 1934	"	1,600.00	.....

BONDS WITHIN DEBT LIMIT—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Hancock Avenue Schoolhouse	July 1, 1934	Taxes	\$250.00	.....
" " "	June 1, 1935	"	1,600.00	.....
" " "	July 1, 1935	"	250.00	.....
" " "	July 1, 1936	"	250.00	\$29,250.00
Osgood Schoolhouse	Mar. 15, 1923	Taxes	1,500.00	.....
" " "	Mar. 15, 1924	"	1,500.00	.....
" " "	Mar. 15, 1925	"	1,500.00	.....
" " "	Mar. 15, 1926	"	1,500.00	.....
" " "	Mar. 15, 1927	"	1,000.00	.....
" " "	Mar. 15, 1928	"	1,000.00	.....
" " "	Mar. 15, 1929	"	1,000.00	.....
" " "	Mar. 15, 1930	"	1,000.00	.....
" " "	Mar. 15, 1931	"	1,000.00	.....
" " "	Mar. 15, 1932	"	1,000.00	.....
" " "	Mar. 15, 1933	"	1,000.00	.....
" " "	Mar. 15, 1934	"	1,000.00	.....
" " "	Mar. 15, 1935	"	1,000.00	.....
" " "	Mar. 15, 1936	"	1,000.00	\$16,000.00
Osgood Schoolhouse (1917)	June 1, 1923	Taxes	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	\$3,500.00
Schoolhouse Improvement Loan	May 1, 1927	S. F.	.....	\$14,000.00
Schoolhouse Loan (1908)	Aug. 1, 1928	S. F.	.....	\$95,000.00
School Loan (1919)				
Portable	Nov. 1, 1923	Taxes	1,000.00	.....
" " "	Nov. 1, 1924	"	1,000.00	.....
" " "	Nov. 1, 1925	"	1,000.00	\$3,000.00
Fulton Heights Schoolhouse (1920)	June 1, 1923	Taxes	2,000.00	.....
" " "	June 1, 1924	"	2,000.00	.....
" " "	June 1, 1925	"	2,000.00	.....
" " "	June 1, 1926	"	1,000.00	.....
" " "	June 1, 1927	"	1,000.00	.....
" " "	June 1, 1928	"	1,000.00	.....

BONDS WITHIN DEBT LIMIT—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Fulton Heights School-house (1920).....	June 1, 1929	Taxes	\$1,000.00	.....
" " "	June 1, 1930	"	1,000.00	.....
" " "	June 1, 1931	"	1,000.00	.....
" " "	June 1, 1932	"	1,000.00	.....
" " "	June 1, 1933	"	1,000.00	.....
" " "	June 1, 1934	"	1,000.00	.....
" " "	June 1, 1935	"	1,000.00	.....
" " "	June 1, 1936	"	1,000.00	.....
" " "	June 1, 1937	"	1,000.00	.....
" " "	June 1, 1938	"	1,000.00	.....
" " "	June 1, 1939	"	1,000.00	.....
" " "	June 1, 1940	"	1,000.00	\$21,000.00
School Loan (1920)				
Portable	Oct. 1, 1923	Taxes	1,000.00	.....
" " "	Oct. 1, 1924	"	1,000.00	.....
" " "	Oct. 1, 1925	"	1,000.00	.....
" " "	Oct. 1, 1926	"	1,000.00	.....
" " "	Oct. 1, 1927	"	1,000.00	.....
" " "	Oct. 1, 1928	"	1,000.00	.....
" " "	Oct. 1, 1929	"	1,000.00	.....
" " "	Oct. 1, 1930	"	1,000.00	.....
" " "	Oct. 1, 1931	"	1,000.00	.....
" " "	Oct. 1, 1932	"	1,000.00	.....
" " "	Oct. 1, 1933	"	1,000.00	.....
" " "	Oct. 1, 1934	"	1,000.00	\$12,000.00
School Loan (1921)				
Portable	Dec. 15, 1923	Taxes	1,000.00	.....
" " "	Dec. 15, 1924	"	1,000.00	\$2,000.00
Fulton Heights School-house Additional (1920)				
" " "	Dec. 1, 1923	Taxes	2,000.00	.....
" " "	Dec. 1, 1924	"	2,000.00	.....
" " "	Dec. 1, 1925	"	2,000.00	.....
" " "	Dec. 1, 1926	"	2,000.00	.....
" " "	Dec. 1, 1927	"	2,000.00	.....
" " "	Dec. 1, 1928	"	2,000.00	.....
" " "	Dec. 1, 1929	"	2,000.00	.....
" " "	Dec. 1, 1930	"	2,000.00	.....
" " "	Dec. 1, 1931	"	1,000.00	.....
" " "	Dec. 1, 1932	"	1,000.00	.....
" " "	Dec. 1, 1933	"	1,000.00	.....
" " "	Dec. 1, 1934	"	1,000.00	.....
" " "	Dec. 1, 1935	"	1,000.00	\$21,000.00

BONDS WITHIN DEBT LIMIT—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Fulton Heights School-house Additional (1921)	July 1, 1923	Taxes	\$2,000.00	.....
" " "	Aug. 1, 1923	"	2,000.00	.....
" " "	July 1, 1924	"	2,000.00	.....
" " "	Aug. 1, 1924	"	2,000.00	.....
" " "	July 1, 1925	"	2,000.00	.....
" " "	Aug. 1, 1925	"	2,000.00	.....
" " "	July 1, 1926	"	2,000.00	.....
" " "	Aug. 1, 1926	"	2,000.00	.....
" " "	July 1, 1927	"	2,000.00	.....
" " "	Aug. 1, 1927	"	1,000.00	.....
" " "	July 1, 1928	"	2,000.00	.....
" " "	Aug. 1, 1928	"	1,000.00	.....
" " "	July 1, 1929	"	2,000.00	.....
" " "	Aug. 1, 1929	"	1,000.00	.....
" " "	July 1, 1930	"	2,000.00	.....
" " "	Aug. 1, 1930	"	1,000.00	.....
" " "	July 1, 1931	"	2,000.00	.....
" " "	Aug. 1, 1931	"	1,000.00	.....
" " "	July 1, 1932	"	1,000.00	.....
" " "	Aug. 1, 1932	"	1,000.00	.....
" " "	July 1, 1933	"	1,000.00	.....
" " "	Aug. 1, 1933	"	1,000.00	.....
" " "	July 1, 1934	"	1,000.00	.....
" " "	Aug. 1, 1934	"	1,000.00	.....
" " "	July 1, 1935	"	1,000.00	.....
" " "	Aug. 1, 1935	"	1,000.00	.....
" " "	July 1, 1936	"	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	\$46,000.00
Public Park Loan (1920)	Oct. 1, 1923	Taxes	1,000.00	.....
" " " "	Oct. 1, 1924	"	1,000.00	.....
" " " "	Oct. 1, 1925	"	1,000.00	.....
" " " "	Oct. 1, 1926	"	1,000.00	.....
" " " "	Oct. 1, 1927	"	1,000.00	.....
" " " "	Oct. 1, 1928	"	1,000.00	.....
" " " "	Oct. 1, 1929	"	1,000.00	.....
" " " "	Oct. 1, 1930	"	1,000.00	.....
" " " "	Oct. 1, 1931	"	1,000.00	.....
" " " "	Oct. 1, 1932	"	1,000.00	.....

BONDS WITHIN DEBT LIMIT—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Public Park Loan (1920)	Oct. 1, 1933	Taxes	\$1,000.00	.....
" " " "	Oct. 1, 1934	"	1,000.00	.....
" " " "	Oct. 1, 1935	"	1,000.00	.....
" " " "	Oct. 1, 1936	"	1,000.00	.....
" " " "	Oct. 1, 1937	"	1,000.00	.....
" " " "	Oct. 1, 1938	"	1,000.00	.....
" " " "	Oct. 1, 1939	"	1,000.00	.....
" " " "	Oct. 1, 1940	"	1,000.00	\$18,000.00
City Stable Loan	June 1, 1924	S. F.	.....	\$15,000.00
Surface Drainage Loan...	Mar. 1, 1923	Taxes	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	\$13,000.00
Surface Drains (1918)....	Dec. 1, 1923	Taxes	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	\$3,000.00
Surface Drains (1919)....	Aug. 1, 1923	Taxes	500.00	.....
" " " "....	Aug. 1, 1924	"	500.00	.....
" " " "....	Aug. 1, 1925	"	500.00	\$1,500.00
Drainage Loan (1916)....	Aug. 3, 1923	Taxes	500.00	.....
" " " "....	Aug. 3, 1924	"	500.00	.....

BONDS WITHIN DEBT LIMIT—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Drainage Loan (1916)....	Aug. 3, 1925	Taxes	\$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	\$7,000.00
Sewer Loan (1918) (for sanitary and surface drainage purposes)	June 1, 1923	Taxes	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	.....
" " "	June 1, 1930	"	500.00	.....
" " "	June 1, 1931	"	500.00	.....
" " "	June 1, 1932	"	500.00	.....
" " "	June 1, 1933	"	500.00	.....
" " "	June 1, 1934	"	500.00	.....
" " "	June 1, 1935	"	500.00	.....
" " "	June 1, 1936	"	500.00	\$7,000.00
Sewer Loan (1920).....	Oct. 1, 1923	Taxes	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	"	1,000.00	.....
" " "	Oct. 1, 1929	"	1,000.00	.....
" " "	Oct. 1, 1930	"	1,000.00	\$13,000.00
Sewer Loan (1921).....	July 1, 1923	"	3,000.00	.....
" " "	July 1, 1924	"	3,000.00	.....
" " "	July 1, 1925	"	3,000.00	.....
" " "	July 1, 1926	"	3,000.00	.....
" " "	July 1, 1927	"	2,000.00	.....
" " "	July 1, 1928	"	2,000.00	.....
" " "	July 1, 1929	"	2,000.00	.....
" " "	July 1, 1930	"	2,000.00	.....
" " "	July 1, 1931	"	2,000.00	\$22,000.00

BONDS WITHIN DEBT LIMIT—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Surface Drains (1920) ...	Oct. 1, 1923	Taxes	\$1,000.00	.....
" " " ...	Oct. 1, 1924	"	1,000.00	\$2,000.00
Surface Drains (1919) ...	July 1, 1923	Taxes	1,000.00	.....
" " " ...	July 1, 1924	"	500.00	\$1,500.00
Capen Street Drain.....	Nov. 1, 1923	Taxes	1,000.00	\$1,000.00
College Avenue Drain ...	June 1, 1923	Taxes	1,000.00	.....
" " " ...	June 1, 1924	"	500.00	\$1,500.00
Surface Drains (1921)....	Dec. 15, 1923	Taxes	1,000.00	.....
" " "	Dec. 15, 1924	"	1,000.00	.....
" " "	Dec. 15, 1925	"	1,000.00	.....
" " "	Dec. 15, 1926	"	1,000.00	.....
" " "	Dec. 15, 1927	"	1,000.00	.....
" " "	Dec. 15, 1928	"	1,000.00	.....
" " "	Dec. 15, 1929	"	1,000.00	.....
" " "	Dec. 15, 1930	"	1,000.00	.....
" " "	Dec. 15, 1931	"	1,000.00	.....
" " "	Dec. 15, 1932	"	1,000.00	.....
" " "	Dec. 15, 1933	"	1,000.00	.....
" " "	Dec. 15, 1934	"	1,000.00	.....
" " "	Dec. 15, 1935	"	1,000.00	\$13,000.00
Sewer Loan (1922)....	Sep. 1, 1923	Taxes	1,000.00	.....
" " "	Nov. 1, 1923	"	1,000.00	.....
" " "	Sep. 1, 1924	"	1,000.00	.....
" " "	Nov. 1, 1924	"	1,000.00	.....
" " "	Sep. 1, 1925	"	1,000.00	.....
" " "	Nov. 1, 1925	"	1,000.00	.....
" " "	Sep. 1, 1926	"	1,000.00	.....
" " "	Nov. 1, 1926	"	1,000.00	.....
" " "	Sep. 1, 1927	"	1,000.00	.....
" " "	Nov. 1, 1927	"	1,000.00	.....
" " "	Sep. 1, 1928	"	1,000.00	.....
" " "	Nov. 1, 1928	"	1,000.00	.....
" " "	Sep. 1, 1929	"	1,000.00	.....
" " "	Nov. 1, 1929	"	1,000.00	.....
" " "	Nov. 1, 1930	"	1,000.00	.....
" " "	Nov. 1, 1931	"	1,000.00	.....
" " "	Nov. 1, 1932	"	1,000.00	.....
" " "	Nov. 1, 1933	"	1,000.00	.....
" " "	Nov. 1, 1934	"	1,000.00	.....
" " "	Nov. 1, 1935	"	1,000.00	.....
" " "	Nov. 1, 1936	"	1,000.00	.....
" " "	Nov. 1, 1937	"	1,000.00	\$22,000.00

BONDS WITHIN DEBT LIMIT—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Original Construction of Streets	July 1, 1923	Taxes	\$1,700.00	.....
“ “ “	July 1, 1924	“	1,700.00	\$3,400.00
Original Street Construction (1917)	Aug. 1, 1923	Taxes	1,000.00	.....
“ “ “	Aug. 1, 1924	“	1,000.00	.....
“ “ “	Aug. 1, 1925	“	1,000.00	.....
“ “ “	Aug. 1, 1926	“	1,000.00	\$4,000.00
Original Street Construction (1918)	Apr. 1, 1923	Taxes	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	\$21,000.00
Original Street Construction (1919)	Apr. 1, 1923	Taxes	\$4,000.00	.....
“ “ “	Apr. 1, 1924	“	4,000.00	.....
“ “ “	Apr. 1, 1925	“	4,000.00	.....
“ “ “	Apr. 1, 1926	“	4,000.00	.....
“ “ “	Apr. 1, 1927	“	4,000.00	.....
“ “ “	Apr. 1, 1928	“	4,000.00	.....
“ “ “	Apr. 1, 1929	“	2,000.00	\$26,000.00
Street Construction	Sep. 1, 1923	Taxes	1,000.00	.....
“ “ “	Sep. 1, 1924	“	1,000.00	.....
“ “ “	Sep. 1, 1925	“	1,000.00	.....
“ “ “	Sep. 1, 1926	“	600.00	\$3,600.00
Street Loan (1916)	Mar. 1, 1923	Taxes	2,900.00	.....
“ “ “	Mar. 1, 1924	“	2,900.00	.....
“ “ “	Mar. 1, 1925	“	2,900.00	.....
“ “ “	Mar. 1, 1926	“	2,900.00	\$11,600.00
Original Construction Maverick St. and Tyler Ave.	June 1, 1923	Taxes	1,000.00	.....
“ “ “	June 1, 1924	“	1,000.00	.....
“ “ “	June 1, 1925	“	1,000.00	.....
“ “ “	June 1, 1926	“	1,000.00	.....
“ “ “	June 1, 1927	“	1,000.00	.....
“ “ “	June 1, 1928	“	1,000.00	.....
“ “ “	June 1, 1929	“	1,000.00	.....
“ “ “	June 1, 1930	“	1,000.00	\$8,000.00

BONDS WITHIN DEBT LIMIT—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Sidewalks (1921)	Dec. 15, 1923	Taxes	\$2,000.00	.....
" "	Dec. 15, 1924	"	2,000.00	.....
" "	Dec. 15, 1925	"	1,000.00	\$5,000.00
Sidewalks (1922)	Sep. 1, 1923	Taxes	2,000.00	.....
" "	Nov. 1, 1923	"	1,000.00	.....
" "	Sep. 1, 1924	"	2,000.00	.....
" "	Nov. 1, 1924	"	1,000.00	.....
" "	Sep. 1, 1925	"	2,000.00	.....
" "	Nov. 1, 1925	"	1,000.00	.....
" "	Sep. 1, 1926	"	1,000.00	.....
" "	Nov. 1, 1926	"	1,000.00	.....
" "	Sep. 1, 1927	"	1,000.00	.....
" "	Nov. 1, 1927	"	1,000.00	\$13,000.00
Fire Station Loan	July 1, 1923	Taxes	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	\$6,000.00
Fire Loan (1917)	Apr. 1, 1923	Taxes	2,000.00	.....
" " "	Apr. 1, 1924	"	2,000.00	.....
" " "	Apr. 1, 1925	"	2,000.00	.....
" " "	Apr. 1, 1926	"	2,000.00	.....
" " "	Apr. 1, 1927	"	2,000.00	.....
" " "	Apr. 1, 1928	"	2,000.00	.....
" " "	Apr. 1, 1929	"	2,000.00	.....
" " "	Apr. 1, 1930	"	2,000.00	.....
" " "	Apr. 1, 1931	"	2,000.00	.....
" " "	Apr. 1, 1932	"	2,000.00	.....
" " "	Apr. 1, 1933	"	2,000.00	.....
" " "	Apr. 1, 1934	"	2,000.00	.....
" " "	Apr. 1, 1935	"	2,000.00	\$26,000.00
Fire Loan (1918)	Dec. 1, 1923	Taxes	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	\$3,000.00

BONDS WITHIN DEBT LIMIT—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Municipal Loan	Dec. 1, 1923	Taxes	\$5,000.00	\$5,000.00
Additional Departmental Equipment (1920)	Oct. 1, 1923	Taxes	8,000.00	.....
" " "	Oct. 1, 1924	"	8,000.00	.....
" " "	Oct. 1, 1925	"	6,000.00	\$22,000.00
Departmental Equipment	Nov. 1, 1923	Taxes	4,000.00	.....
" " "	Nov. 1, 1924	"	4,000.00	.....
" " "	Nov. 1, 1925	"	4,000.00	.....
" " "	Nov. 1, 1926	"	4,000.00	.....
" " "	Nov. 1, 1927	"	4,000.00	\$20,000.00
Voting Booth	Sep. 1, 1923	Taxes	1,000.00	.....
" " "	Sep. 1, 1924	"	1,000.00	.....
" " "	Sep. 1, 1925	"	1,000.00	.....
" " "	Sep. 1, 1926	"	1,000.00	\$4,000.00
War Emergency (1918)...	Apr. 1, 1923	Taxes	1,500.00	\$1,500.00
War Memorial (1919).....	May 1, 1923	Taxes	1,000.00	.....
" " " 	May 1, 1924	"	1,000.00	\$2,000.00
Total bonds outstanding Within Debt Limit.....				\$844,450.00

NOTES

All at 4 per cent per annum.

	Due	How Payable	Amount	Total Each Year
No. 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
No. 10 Original Construction of Streets	May 1, 1924	"	600.00	.....
" 10 High School Equipment	June 1, 1924	"	200.00	.....
" 10 Wellington Road..	Dec. 1, 1924	"	500.00	1,300.00
No. 35 and 36	Dec. 1, 1926	S. F.	.....	15,000.00
No. 37	Jan. 1, 1927	S. F.	.....	7,000.00
No. 51 to 62	July 1, 1928	S. F.	.....	12,000.00
Total notes outstanding..				\$46,600.00
Outside Debt limit (Nos. 35 & 36)				\$ 15,000.00
Within Debt limit.....				\$ 31,600.00

TOTAL BONDS AND NOTES OUTSIDE AND WITHIN DEBT LIMIT

Bonds Outside Debt Limit.....	\$1,197,000.00	
Notes Outside Debt Limit.....	15,000.00	
		\$1,212,000.00
Bonds Within Debt Limit.....	\$844,450.00	
Notes Within Debt Limit.....	31,600.00	
		\$876,050.00
Total.....		\$2,088,050.00

CONDENSED STATEMENT OF DEBT AND SINKING FUNDS

	Issued Chap. Acts of		Out- standing	Sinking Funds
Notes 35 and 36 issued for				
Water Purposes.....		Outside Debt Limit	\$15,000.00	
Water Fund.....	198 1893	" " "	26,000.00	\$44,380.39
Water Mains Extension.....	719 1913	" " "	27,000.00	
	180 1893	" " "	111,000.00	
Sewerage Loan.....	296 1909	" " "	40,500.00	116,325.99
	306 1913	" " "	59,000.00	
	92 G. L.	" " "	20,000.00	
Public Playground Loan.....	28 R. L.	" " "	34,000.00	9,000.00
Park Loan.....	176 1898	" " "	12,000.00	
	338 1902	" " "	20,000.00	32,000.00
Metropolitan Park Assessment	419 1899	" " "	27,000.00	17,785.20
City Hall.....	486 1913	" " "	140,000.00	
	100 1912	" " "	105,000.00	
School Loan.....	45 1919	" " "	41,000.00	
	472 1922	" " "	375,000.00	
Swan Junior High School...	370 1916	" " "	87,500.00	
Street Loan.....	80 1919	" " "	66,000.00	
Harbor Loan.....	237 1919	" " "	6,000.00	
Fire Loans.....		Within Debt Limit	35,000.00	
Surface Drainage.....		" " "	36,500.00	
Drainage Loan.....		" " "	7,000.00	
Sewer Loans.....		" " "	64,000.00	
Street Construction.....		" " "	118,600.00	
Pavement Loans.....		" " "	6,500.00	
City Stable Loan.....		" " "	15,000.00	14,835.12
Sidewalk Loans.....		" " "	52,500.00	
Schoolhouse Improvement.....		" " "	14,000.00	11,266.97
Schoolhouse Loan (1908)...		" " "	95,000.00	63,418.12
School Loan.....		" " "	44,000.00	
High School Addition.....		" " "	20,500.00	
High School Equipment.....		" " "	6,000.00	
Hancock Ave. School.....		" " "	29,250.00	
Osgood School.....		" " "	19,500.00	
Swan Junior High School...		" " "	82,600.00	
Swan Junior High School...		" " "		
Equipment.....		" " "	11,000.00	
Fulton Heights School.....		" " "	88,000.00	
School Loan (Portable).....		" " "	23,000.00	

CONDENSED STATEMENT OF DEBT AND SINKING FUNDS—Continued

	Issued Chap. Acts of		Out- standing	Sinking Funds
Municipal Loan		Within Debt Limit	\$5,000.00	
War Emergency		" " "	1,500.00	
War Memorial		" " "	2,000.00	
Departmental Equipment		" " "	42,000.00	
Voting Booth Loan		" " "	4,000.00	
Park Loan		" " "	18,000.00	
Public Playground		" " "	4,000.00	
All notes except Nos. 35 and 36		" " "	31,600.00	26,639.08
			\$2,088,050.00	\$235,650.87

Debt Outside Debt Limit	\$1,144,000.00	
Sinking Funds Applicable	175,111.19	
Net Debt Outside Limit		\$968,888.81
Public Service Enterprise Debt	\$68,000.00	
Sinking Funds Applicable	44,380.39	
Net Public Service Enterprise Debt		\$23,619.61
Debt Within Debt Limit	\$876,050.00	
Sinking Funds Applicable	116,159.29	
Net Debt Within Limit		\$759,890.71
Total Net Debt		\$1,752,399.13

NOTES IN ANTICIPATION OF REVENUE

Dated April 11, 1922	Due Jan. 15, 1923 ...	\$50,000.00
" May 9, 1922	" Jan. 15, 1923 ...	25,000.00
" May 9, 1922	" Feb. 15, 1923 ...	75,000.00
" June 9, 1922	" Mar. 15, 1923 ...	75,000.00
" June 9, 1922	" April 16, 1923 ...	75,000.00
" June 20, 1922	" May 15, 1923 ...	50,000.00
" July 7, 1922	" May 15, 1923 ...	50,000.00
" July 7, 1922	" June 15, 1923 ...	100,000.00
" Aug. 8, 1922	" July 16, 1923 ...	100,000.00
		<hr/>
		\$600,000.00

Debt Authorized But Not Issued Before Jan. 1, 1923
 Judgment—Elizabeth Landry \$3,500.00

TRUST FUNDS

The following Funds are in the custody of the Treasurer and deposited in the Medford Savings Bank:

Bradbury Poor Fund	\$11,252.00
Daniel W. Lawrence Poor Fund	30,000.00
Daniel W. Lawrence High School Lunch Fund	25,000.00
Cairns Drinking Fountain Fund	412.70

The Treasurer also holds 200 Shares of Stock, appraised at par account of Daniel W. Lawrence Band Concert Fund. All other Trust Funds and the Perpetual Care Fund are invested by the Commissioners of Sinking Funds.

DEBT DUE IN 1923

	Due	Sinking Funds	Taxes
City Hall.....	Jan.	.....	\$10,000.00
School .....	"	.....	5,000.00
High School Addition.....	"	.....	1,250.00
Sewerage	Feb.	.....	500.00
Surface Drainage.....	Mar.	.....	500.00
Street Construction.....	"	.....	2,900.00
Osgood School .....	"	.....	1,500.00
Fire	Apr.	.....	2,000.00
Original Street Construction.....	"	.....	3,500.00
Original Street Construction.....	"	.....	4,000.00
Junior High School.....	"	.....	1,000.00
War Emergency.....	"	.....	1,500.00
Sewerage	May	.....	1,000.00
Note No. 9—Original Construction of Streets .....	"	.....	600.00
Note No. 135.....	"	\$10,000.00	.....
Playground .....	"	.....	2,000.00
War Memorial.....	"	.....	1,000.00
Sewerage	June	.....	500.00
Sewerage .....	"	.....	500.00
Sewerage .....	"	.....	1,000.00
Street Loan.....	"	.....	1,000.00
Street Loan.....	"	.....	5,000.00
Surface Drainage.....	"	.....	1,000.00
Sewer Loan.....	"	.....	500.00
Original Street Construction.....	"	.....	1,000.00
Sidewalks .....	"	.....	4,000.00
Sidewalks .....	"	.....	8,000.00
School .....	"	.....	2,000.00
Note No. 9—High School Equipment.....	"	.....	200.00
Hancock Ave. School.....	"	.....	3,000.00
Osgood School .....	"	.....	500.00
Junior High School.....	"	.....	1,000.00
Sewerage	July	.....	1,000.00
Street Loan.....	"	.....	7,000.00
School Loan .....	"	.....	5,000.00
School Loan.....	"	.....	3,000.00
Junior High School.....	"	.....	6,250.00
Water Fund	"	10,000.00	.....
Water Fund	"	16,000.00	.....
Fire .....	"	.....	600.00
Surface Drainage .....	"	.....	1,000.00
Surface Drainage .....	"	.....	1,000.00
Sewer Loan .....	"	.....	3,000.00
Original Construction Streets.....	"	.....	1,700.00
Original Construction—Ship Ave.....	"	.....	1,000.00
School .....	"	.....	1,000.00

DEBT DUE IN 1923—Continued

	Due	Sinking Funds	Taxes
High School Original Equipment.....	July	.....	\$1,500.00
Hancock Ave. School.....	"	.....	250.00
Additional—Fulton Heights School.....	"	.....	2,000.00
Sewerage	Aug.	30,000.00	.....
School Loan (1922).....	"	.....	20,000.00
Playground .....	"	.....	1,500.00
Surface Drainage .....	"	.....	500.00
Drainage .....	"	.....	500.00
Original Street Construction.....	"	.....	1,000.00
Sidewalk .....	"	.....	3,000.00
School .....	"	.....	1,000.00
Additional Fulton Heights School.....	"	.....	2,000.00
Sewerage	Sep.	.....	500.00
Sewerage Loan .....	"	.....	1,000.00
Street Construction.....	"	.....	1,000.00
Sidewalks .....	"	.....	2,000.00
School .....	"	.....	4,000.00
High School Addition.....	"	.....	1,000.00
Hancock Ave. School.....	"	.....	250.00
Voting Booth .....	"	.....	1,000.00
Harbor	Oct.	.....	2,000.00
Park .....	"	.....	1,000.00
Surface Drainage.....	"	.....	1,000.00
Sewer Loan .....	"	.....	2,000.00
Original Street Construction.....	"	.....	2,000.00
Pavement Loan.....	"	.....	1,000.00
School Loan.....	"	.....	1,000.00
Junior High School.....	"	.....	3,300.00
Junior High School.....	"	.....	2,000.00
Departmental Equipment.....	"	.....	8,000.00
Sewerage	Nov.	.....	500.00
Water Mains Extension.....	"	.....	5,000.00
Surface Drainage.....	"	.....	1,000.00
Sewer Loan .....	"	.....	1,000.00
Street Construction.....	"	.....	7,000.00
Sidewalk Loan .....	"	.....	7,000.00
Sidewalk Loan .....	"	.....	1,000.00
School .....	"	.....	1,000.00
Departmental Equipment.....	"	.....	4,000.00
Sewerage	Dec.	.....	500.00
Water Mains Extension.....	"	.....	2,000.00
Fire .....	"	.....	500.00
Surface Drainage.....	"	.....	500.00
Surface Drainage.....	"	.....	1,000.00
Note No. 9—Wellington Road.....	"	.....	500.00

DEBT DUE IN 1923—Continued

	Due	Sinking Funds	Taxes
Street Loan.....	Dec.	.....	\$1,000.00
Macadam Pavement.....	"	.....	2,000.00
Sidewalk Loan.....	"	.....	500.00
Sidewalk Loan.....	"	.....	2,000.00
School .....	"	.....	2,000.00
Additional Fulton Heights School.....	"	.....	5,000.00
Municipal Loan .....	"	.....	5,000.00
		\$66,000.00	\$212,300.00

STATEMENT OF BORROWING CAPACITY **JANUARY 1, 1923**

Valuation for year 1920 Less abatements	\$30,014,550.00
Valuation for year 1921 Less abatements	41,379,550.00
Valuation for year 1922 Less abatements	43,599,200.00
Gross Net Valuation 3 years.....3 |	<u>\$123,993,300.00</u>

Average Valuation \$41,331,100.00

$2\frac{1}{2}\%$

\$1,033,277.50

Total Debt Outstanding\$2,088,050.00

Loans Authorized but not yet

Incurred 3,500.00

\$2,091,550.00

Less Debts Outside Debt Limit

Water Bonds Debt, Acts 1893, Chap. 198	\$26,000.
Water Bonds Debt, General Statute	42,000.
City Hall, Acts 1913, Chap. 486	140,000.
Sewerage, Acts 1893, Chap. 180	111,000.
Sewerage, Acts 1909, Chap. 296	40,500.
Sewerage, Acts 1913, Chap. 306	59,000.
Sewerage, Gen. Laws, Chap. 92	20,000.
Street, Acts 1919, Chap. 80....	66,000.
School, Acts 1912, Chap. 100 ...	105,000.
School, Acts 1919, Chap. 45	41,000.
School, Acts 1922, Chap. 472 ..	375,000.
Swan Junior High School, Acts 1916, Chap. 370	87,500.
Park, Acts 1898, Chap. 176	12,000.
Park, Acts 1902, Chap. 338	20,000.
Public Playground, Rev. Laws, Chap. 28	34,000.
Met. Park Assessment, Acts 1899, Chap. 419	27,000.
Harbor Loan, Acts 1919, Chap. 237	<u>6,000.</u>
	<u>\$1,212,000.00</u>

Total Debt Outstanding plus Debts Authorized but not Incurred Within Debt Limit	\$879,550.00	
Less Sinking Funds applicable within debt limit.....	116,159.29	
		<u>\$763,390.71</u>
BORROWING CAPACITY as of Jan. 1, 1923...		\$209,886.79
Sinking funds for DEBTS OUTSIDE.....	\$210,491.58	

**BALANCE SHEET, SINKING FUNDS, TRUST FUNDS
AND DEBT.—Dec. 31, 1922**

General Loan Sinking Funds, outside	\$175,111.19	
Water Loan Sinking Funds, outside	44,380.39	
General Loan Sinking Funds, within	116,159.29	
Net Funded General Debt, out- side	968,888.81	
Net Funded Water Debt, out- side	23,619.61	
Net Funded General Debt, within	759,890.71	
City Hall Loan, outside		\$140,000.00
Sewerage Loan, outside		10,000.00
" " "		10,000.00
" " "		30,000.00
" " "		61,000.00
" " "		30,000.00
" " "		5,000.00
" " "		5,500.00
" " "		10,500.00
" " "		11,500.00
" " "		12,000.00

Sewerage Loan, Outside	3,000.00
“ “ “	13,000.00
“ “ “	9,000.00
“ “ “	20,000.00
Street Loan, outside	44,000.00
“ “ “	20,000.00
“ “ “	2,000.00
School Loan, outside	50,000.00
“ “ “	55,000.00
Junior High School Loan, outside	87,500.00
School Loan, outside	41,000.00
“ “ “	375,000.00
Park Loan, outside	12,000.00
“ “ “	20,000.00
Public Playground Loan, outside	9,000.00
Public Playground Loan, outside	25,000.00
Metropolitan Park Assessment, outside	27,000.00
Water Loan, outside	10,000.00
“ “ “	16,000.00
“ “ “	15,000.00
Water Mains Extension, outside	4,000.00
“ “ “ “	23,000.00
Harbor Loan, outside	6,000.00
Fire Station Loan	6,000.00
Fire Dept. Loan	26,000.00
“ “ “	3,000.00
Surface Drainage Loan	5,000.00
“ “ “	8,000.00
“ “ “	2,000.00
“ “ “	7,000.00
“ “ “	3,000.00
“ “ “	1,500.00

Surface Drainage Loan.....	1,000.00
“ “ “	1,500.00
Sewer Loan	13,000.00
“ “	22,000.00
“ “	7,000.00
“ “	7,000.00
“ “	15,000.00
Surface Drainage Loan	13,000.00
“ “ “	1,500.00
Original Construction of Streets Loan	3,400.00
Original Construction of Streets Loan	1,200.00
Wellington Road Loan	1,000.00
Street Construction Loan	11,600.00
“ “ “	3,600.00
Original Street Construction Loan	4,000.00
Original Street Construction Loan	21,000.00
Original Street Construction Loan	26,000.00
Original Street Construction Loan	8,000.00
Original Street Construction Loan	9,000.00
Original Street Construction Loan	1,000.00
Street Construction Loan	29,000.00
Street Loan	2,000.00
Pavement Loan	1,000.00
Macadam Permanent Loan	5,500.00
City Stable Loan	15,000.00
Sidewalk Loan	4,000.00
“ “	8,000.00
“ “	500.00
“ “	13,000.00

Sidewalk Loan	9,000.00
“ “	5,000.00
“ “	8,000.00
“ “	5,000.00
Schoolhouse Improvement Loan	14,000.00
Land—George Street	7,000.00
Land—Adjoining High School Lot	12,000.00
Schoolhouse Loan	95,000.00
School Loan	34,000.00
“ “	10,000.00
High School Additional Loan ..	15,000.00
“ “ “ “ ..	5,500.00
High School Equipment Loan	400.00
High School Original Equip- ment Loan	6,000.00
Hancock Avenue School Loan	750.00
“ “ “ “	25,000.00
“ “ “ “	3,500.00
Osgood School Loan	16,000.00
“ “ “ “	3,500.00
Swan Junior High School Loan	32,000.00
“ “ “ “ “	45,200.00
“ “ “ “ “	5,400.00
Swan Junior High School Equipment Loan	11,000.00
Additional Fulton Heights School Loan	21,000.00
Additional Fulton Heights School Loan	23,000.00
Additional Fulton Heights School Loan	23,000.00
School Loan	6,000.00
“ “	3,000.00
“ “	21,000.00
“ “	12,000.00
“ “	2,000.00

Municipal Loan	10,000.00	
" "	5,000.00	
War Emergency	1,500.00	
Additional Departmental Equip- ment Loan	22,000.00	
Departmental Equipment Loan	20,000.00	
War Memorial Loan	2,000.00	
Park Loan	18,000.00	
Playground Loan	4,000.00	
Voting Booth Loan	4,000.00	
	<hr/>	<hr/>
	\$2,088,050.00	\$2,088,050.00

TRUST FUNDS

Trust Funds—Cash and Securi- ties	\$168,728.26	
Perpetual Care Fund		\$65,855.84
Trust Funds		16,207.72
Bradbury Poor Fund		11,252.00
Daniel W. Lawrence Poor Fund		30,000.00
Daniel W. Lawrence High School Lunch Fund		25,000.00
Daniel W. Lawrence Band Con- cert Fund		20,000.00
Cairns Drinking Fountain Fund		412.70
	<hr/>	<hr/>
	\$168,728.26	\$168,728.26

TAX TITLES

ESTATES BOUGHT AT SALE FOR TAXES

Assessed to	Property	Total	Year	Taxes	Interest	Costs	Sewer Apportionment	Sewer Apportionment Interest	Sidewalk Apportionment	Sidewalk Apportionment Interest
Thomas R. Higgins.....	Main St. 276 sq. ft. Pt. 16	11.24	1920	2.98	.26	8.00				
Frederick C. Gilbert.....	Scott St. 4155 sq. ft.....									
	Lot No. 80.....	13.03	1920	4.47	.36	8.20				
John Pearson	Wason St. 4000 sq. ft.									
	Lot No. 437.....	16.28	1920	7.45	.63	8.20				
Edna N. Pope.....	High St. 500 sq. ft.									
	W. Nt. 26 (strip).....	12.83	1920	4.47	.36	8.00				
John A. MacDonald.....	Ellsworth St. 5075 sq. ft.									
	Cor. Gaston St.									
	Lot. No. 501.....	16.28	1920	7.45	.63	8.20				
Mrs. Violet Goodwin....	Sherwood Rd. 3968 sq. ft.									
	Lot No. 130.....	11.44	1920	2.98	.26	8.20				
John C. F. Slayton et als Trustees.....	Playstead Road, 8980 sq. ft.	14.60	1920	5.96	.53	8.20				
Maud Josephine Cross..	Fells Ave. 4994 sq. ft.									
	Lot No. 259.....	16.28	1920	7.45	.63	8.20				

ESTATES BOUGHT AT SALE FOR TAXES—Continued

Assessed to	Property	Total	Year	Taxes	Interest	Costs	Sewer Apportionment	Sewer Apportionment Interest	Sidewalk Apportionment	Sidewalk Apportionment Interest
Timothy McCarthy.....	Salem St. (rear) 3600 sq. ft.									
	N. W. Lot No. 10.....	14.69	1920	5.96	.53	8.20				
Raymond M. Adams....	Marston St. 4490 sq. ft...	26.82	1920	26.82						
Sidney L. Beals.....	Bowdoin St. 3492 sq. ft. Lot No. 82.....	8.94	1920	8.94						
Sidney L. Beals.....	Bowdoin St. 3492 sq. ft. Lot No. 85.....	5.96	1920	5.96						
Harry P. Chadwick.....	First St. 3040 sq. ft. Lot No. 3.....	7.45	1920	7.45						
Harry P. Chadwick.....	First St. 3040 sq. ft. Lot No. 4.....	7.45	1920	7.45						
Harry P. Chadwick.....	First St. 3040 sq. ft. Lot No. 5.....	7.45	1920	7.45						
Charles E. Curtis.....	Lawrence, cor. Pinkert St. 4405 sq. ft. Lot. No. Pt. 23	19.37	1920	19.37						
Edward J. Doherty.....	Usher Rd. 430 sq. ft.....	2.98	1920	2.98						
Julia E. Fuller.....	Bow Terrace 1710 sq. ft. Lot No. 3.....	4.47	1920	4.47						

ESTATES BOUGHT AT SALE FOR TAXES—Continued

Assessed to	Property	Total	Year	Taxes	Interest	Costs	Sewer Apportionment	Sewer Apportionment Interest	Sidewalk Apportionment	Sidewalk Apportionment Interest
Julia E. Fuller.....	Bow Terrace 1710 sq. ft. Lot No. 6.....	4.47	1920	4.47						
Julia E. Fuller.....	Hillside Rd. 1970 sq. ft. Lot No. 12.....	5.96	1920	5.96						
Walter T. Fuller.....	Bow Terrace, 1877 sq. ft. Lot No. 4.....	5.96	1920	5.96						
Walter T. Fuller.....	211 Arlington St. 4477 sq. ft. Lot No. 14.....	23.84	1920	23.84						
Fred C. Tobey Land Co.,	Yale St. from Colby St. to Lincoln School Lot 498 sq. ft.....	2.98	1920	2.98						
Helen K. Gerraughty....	Douglas Rd. cor. Corey St. 198 sq. ft. S pt. 44.....	1.49	1920	1.49						
Charles H. Hill.....	Rand St. 5888 sq. ft. Lot No. 43.....	2.98	1920	2.98						
Samuel H. Hellen.....	Paris St. 320 sq. ft.....	1.49	1920	1.49						
Walter D. Hannigan....	Winchester St. 169 sq. ft. S. E. Pt. 19.....	1.49	1920	1.49						
Frederick H. Jackson...	Lewis St. 2607 sq. ft. Lot No. 15.....	14.33	1920	8.94			4.41	.98		

ESTATES BOUGHT AT SALE FOR TAXES—(Continued)

Assessed to	Property	Total	Year	Taxes	Interest	Costs	Sewer Apportionment	Sewer Apportionment Interest	Sidewalk Apportionment	Sidewalk Apportionment Interest
Frederick H. Jackson...	Lewis St. 3420 sq. ft. Lot No. 16.....	17.97	1920	11.92			4.97	1.08		
Henry A. Litchfield.....	Arlington St. 4000 sq. ft. Lot No. 22.....	2.98	1920	2.98						
Mary A. Mooney.....	Sheridan Ave. 280 sq. ft. Rear E. Pt. 7.....	1.49	1920	1.49						
Mary A. Mooney.....	Sheridan Ave. 301 sq. ft. Rear E. Pt. 8.....	1.49	1920	1.49						
Nellie M. Naughton.....	Fellsway 6210 sq. ft. S. Pt. 96.....	2.98	1920	2.98						
Nellie M. Naughton.....	Fellsway 5110 sq. ft. S. Pt. 97.....	2.98	1920	2.98						
Alice B. Packard.....	15 William St. 3400 sq. ft. Lot No. 13.....	81.95	1920	81.95						
Paolo Piermattei	Fulton St. cor. Earl Ave. 260475 sq. ft.....	238.40	1920	238.40						
George A. Richards.....	Cape St. 3673 sq. ft. Lot No. 13.....	14.90	1920	14.90						
Lewis A. Rich.....	Hall St. 10224 sq. ft. Lot No. 31.....	8.94	1920	8.04						

ESTATES BOUGHT AT SALE FOR TAXES—Continued

Assessed to	Property	Total	Year	Taxes	Interest	Costs	Sewer Apportionment	Sewer Apportionment Interest	Sidewalk Apportionment	Sidewalk Apportionment Interest
Rena Alfeiri.....	Andover St. cor Exeter 3200 sq. ft. Lot No. 234..	4.47	1920	4.47						
Kendall Williamson....	Court St. cor Lewis St. 1720 sq. ft.....	5.96	1920	5.96						
Kendall Williamson....	Lewis St., 3100 sq. ft.....	10.43	1920	10.43						
Robert C. Orpin.....	Myrtle St. (off St.) 4500 sq. ft.....	1.49	1920	1.49						
Robert C. Orpin.....	Waddell St. 1330 sq. ft...	.75	1920	.75						
Robert C. Orpin.....	Waddell St. 620 sq. ft.....	.74	1920	.74						
Frances E. Wing.....	Brookings St. 572 sq. ft. N. E. Pt. 4.....	2.98	1920	2.98						
Laura M. Westall.....	Riverside Ave. cor. Caro- lina St. 1996 sq. ft.....	5.96	1920	5.96						
Mary M. Sullivan.....	Burnside St. 4900 sq. ft. Lot No. 18.....	34.94	1920	20.86					12.07	2.01
Mary M. Sullivan.....	Burnside St. 4900 sq. ft. Lot No. 19.....	35.16	1920	20.86					12.25	2.05

City Auditor's Statement—January 1, 1922, to December 31, 1922

NAME OF ACCOUNT General Government	Balance Jan. 1, 1922	Appro- priations	Receipts	Transfers From Other Accounts	Total Amount Credited	Expended	Transfers To Other Accounts	Total Amount Expended	Unexpended Balances	Excess
Salaries of Assessors.....		\$3,950.00			3,950.00	3,950.00		3,950.00		
Assessors' Expenses		11,300.00			11,300.00	11,162.61	137.39	11,300.00		
Salary of City Treasurer.....		2,750.00			2,750.00	2,750.00		2,750.00		
Treasury Dept. Expenses.....		300.00			300.00	300.00		300.00		
Salary of City Collector.....		2,750.00			2,750.00	2,750.00		2,750.00		
Collecting Dept. Expenses.....		9,000.00	2.75		9,002.75	8,999.99	2.76	9,002.75		
Salary of City Auditor.....		2,750.00			2,750.00	2,750.00		2,750.00		
Auditing Dept. Expenses		2,700.00			2,700.00	2,679.99	20.01	2,700.00		
Salary of City Clerk.....		2,900.00			2,900.00	2,900.00		2,900.00		
City Clerk's Dept. Expenses.....		4,000.00			4,000.00	3,806.80	1,930.20	4,000.00		
Salary of City Engineer.....		2,750.00			2,750.00	2,750.00		2,750.00		
Engineering Dept. Expenses.....		2,000.00	2,515.71	750.00	5,265.71	5,007.25	258.46	5,265.71		
Salary of Purchasing Agent.....		2,500.00			2,500.00	2,500.00		2,500.00		
Purchasing Dept. Expenses.....		2,000.00	9.85		2,009.85	2,003.61	6.24	2,009.85		
Salary of City Solicitor.....		2,000.00			2,000.00	2,000.00		2,000.00		
Law Dept. Expenses.....		300.00			300.00	278.53	21.47	300.00		
Salary of City Messenger.....		2,100.00			2,100.00	2,100.00		2,100.00		
City Messenger's Expenses.....		1,225.00			1,225.00	1,000.08	224.92	1,225.00		
Pension Auditing Dept.....		1,250.00			1,250.00	1,250.00		1,250.00		
Election Expenses		8,500.00		2,000.00	10,500.00	10,314.86	185.14	10,500.00		
Aldermen's Contingent		500.00		500.00	1,000.00	999.53	.47	1,000.00		
Board of Survey.....	244.78	50.00	60.00		354.78	60.82		60.82	293.96	
Salary of Water and Sewer Commissioners.....		150.00			150.00	150.00		150.00		
City Hall		12,286.64	25.18		12,311.82	11,736.38	575.44	12,311.82		

NAME OF ACCOUNT	Balance Jan. 1, 1922	Appro- priations	Receipts	Transfers From Other Accounts	Total Amount Credited	Expended	Transfers To Other Accounts	Total Amount Expended	Unexpended Balances	Excess
Protection of Persons and Property										
Salaries of Policemen.....		81,775.00	.....	215.70	81,990.70	80,990.70	1,000.00	81,990.70	.....	.....
Reserve Officers.....		8,324.00	.....	2,160.06	10,484.06	10,482.51	1.55	10,484.06	.....	.....
Police Dept. Expenses.....		5,600.00	200.00	.....	5,800.00	5,410.83	389.17	5,800.00	.....	.....
Boiler—Police Dept.....	74.53	.....	.....	.....	74.53	74.53	.....	74.53	.....	.....
Salaries of Firemen.....		124,467.86	.....	3,500.00	127,967.86	127,124.84	843.02	127,967.86	.....	.....
Ordinary Expenses—Fire Dept.....		11,000.00	.....	350.00	11,350.00	11,348.42	1.58	11,350.00	.....	.....
Repair Shop—Fire Dept.....	82.98	.....	.....	.....	82.98	.....	.....	.....	82.98	.....
Armory.....		1,100.00	900.00	.....	2,000.00	2,000.00	.....	2,000.00	.....	.....
Salary Building Commissioner.....		2,000.00	.....	.....	2,000.00	2,000.00	.....	2,000.00	.....	.....
Building Inspector's Expenses.....		460.00	.....	.....	460.00	460.00	.....	460.00	.....	.....
Salary Sealer Weights and Measures.....		1,300.00	.....	.....	1,300.00	1,300.00	.....	1,300.00	.....	.....
Expenses—Sealer Weights and Measures.....		350.00	.....	125.00	475.00	470.33	4.67	475.00	.....	.....
Salary of Supt. of Moth Suppression.....		400.00	.....	.....	400.00	400.00	.....	400.00	.....	.....
Gypsy and Brown Tail Moths.....		5,500.00	.....	500.00	6,000.00	5,999.71	.29	6,000.00	.....	.....
Trees.....		6,000.00	174.76	.....	6,174.76	6,168.28	6.48	6,174.76	.....	.....
Salary Supt. of Wires and Gas Fittings.....		2,300.00	.....	.....	2,300.00	2,300.00	.....	2,300.00	.....	.....
Salary of Lineman.....		1,716.00	.....	.....	1,716.00	1,716.00	.....	1,716.00	.....	.....
Electrical Dept. Expenses.....		800.00	26.33	.....	826.33	820.55	5.78	826.33	.....	.....
Fire and Police Signal Service.....		2,090.00	.....	1,222.00	3,312.00	3,299.31	1,269.00	3,312.00	.....	.....
Boiler, Fire Department.....		.....	.....	700.00	700.00	700.00	.....	700.00	.....	.....

NAME OF ACCOUNT	Balance Jan. 1, 1922	Appro- priations	Receipts	Transfers From Other Accounts	Total Amount Credited	Expended	Transfers To Other Accounts	Total Amount Expended	Unexpended Balances	Excess
Health and Sanitation										
Salaries of Board of Health		500.00	.....	.....	500.00	500.00	.....	500.00	.....	.....
Salaries of Inspectors and Clerk		4,500.00	.....	.....	4,500.00	4,500.00	.....	4,500.00	.....	.....
Contagious Diseases		3,000.00	37.50	.....	3,037.50	3,026.70	10.80	3,037.50	.....	.....
Health Department Expenses		2,050.00	1,810.00	.....	3,860.00	3,859.83	.17	3,860.00	.....	.....
Reporting and Recording Births and Deaths		1,700.00	.....	.....	1,700.00	1,651.75	48.25	1,700.00	.....	.....
Medical Inspection—School Dept.		600.00	.....	1,097.50	1,097.50	1,069.98	27.52	1,097.50	.....	.....
Sewer Maintenance		2,500.00	123.67	50.00	2,673.67	2,624.73	48.94	2,673.67	.....	.....
Ashes		35,000.00	833.20	1,500.00	37,333.20	37,266.58	66.62	37,333.20	.....	.....
Collection of House Offal		23,500.00	4,125.00	.....	27,625.00	26,378.00	1,247.00	27,625.00	.....	.....
Surface Drains Maintenance		500.00	10.00	.....	510.00	510.00	.....	510.00	.....	.....
Brooks and Streams		400.00	.....	.....	400.00	399.83	.17	400.00	.....	.....
Highways										
Salary of Street Commissioner		2,750.00	.....	.....	2,750.00	2,750.00	.....	2,750.00	.....	.....
Bridges		100.00	33.43	.....	133.43	133.43	.....	133.43	.....	.....
Highway Dept.—Office Expenses		2,000.00	.....	.....	2,000.00	2,000.00	.....	2,000.00	.....	.....
General Repairs of Highways		55,000.00	10,185.81	1,621.27	66,807.08	66,674.69	132.39	66,807.08	.....	.....
Paving Gutters		500.00	.....	.....	500.00	500.00	.....	500.00	.....	.....
Sidewalk and Edgestone Maintenance		15,000.00	955.20	7,826.90	23,782.10	19,010.32	310.30	19,329.71	4,452.39	.....
Gravel Sidewalks		1,500.00	.....	.....	1,500.00	1,500.00	.....	1,500.00	.....	.....
Tar Walks		500.00	.....	.....	500.00	500.00	.....	500.00	.....	.....
Watering Streets		20,000.00	.....	.....	20,000.00	19,950.95	49.05	20,000.00	.....	.....
Street Lights		26,800.00	.....	12.69	26,812.69	26,807.25	5.44	26,812.69	.....	.....
Pensions—Highway Dept.		3,000.00	.....	560.00	3,560.00	2,950.00	610.00	3,560.00	.....	.....
Guide Boards and Street Signs		600.00	.....	.....	600.00	599.46	.54	600.00	.....	.....
Stone Bounds		100.00	.....	.....	100.00	97.19	2.81	100.00	.....	.....
Charities and Soldiers' Benefits										
Special Fund	328.11	.....	.....	.....	328.11	.....	.....	.....	328.11	.....
Salaries of Overseers of Poor		800.00	.....	.....	800.00	800.00	.....	800.00	.....	.....
Outside Relief		20,000.00	9,757.73	14,164.06	43,921.79	37,862.37	11,164.06	49,026.43	.....	5,104.64
City Home		6,500.00	2,073.11	15,519.75	24,092.86	18,619.07	5,473.79	24,092.86	.....	.....
Repairs City Home		100.00	.....	.....	100.00	68.06	31.94	100.00	.....	.....
State Aid		1,000.00	12.00	2,882.00	3,894.00	2,898.00	996.00	3,894.00	.....	.....
Military Aid		500.00	.....	313.00	813.00	626.00	187.00	813.00	.....	.....
Soldiers' Relief		3,000.00	80.00	15,068.92	18,148.92	11,428.96	6,719.96	18,148.92	.....	.....

NAME OF ACCOUNT	Balance Jan. 1, 1922	Appro- priations	Receipts	Transfers From Other Accounts	Total Amount Credited	Expended	Transfers To Other Accounts	Total Amount Expended	Unexpended Balances	Excess
Schools and Libraries										
Salaries of Teachers and Clerks.....		389,910.00			389,910.00	381,710.29	8,199.71	389,910.00		
Text Books and Supplies.....		18,000.00	2,351.26	3,500.00	28,851.26	23,843.23	8.03	23,851.26		
Stewardship.....		30,000.00		200.00	30,200.00	28,975.98	1,224.02	30,200.00		
Pension Stewardship.....		600.00			600.00			600.00		
Fuel—School Dept.....		20,000.00		2,199.64	22,199.64	22,182.64	17.00	22,199.64		
Repairs—School Dept.....	267.60	6,000.00	1,253.69	2,010.56	9,531.85	9,073.10	458.75	9,531.85		
Evening School.....		2,500.00	375.37		2,875.37	2,870.02	5.35	2,875.37		
General Expense—School Dept.....		9,000.00	2,241.56	1,500.00	12,741.56	11,952.04	789.52	12,741.56		
Trade School.....		500.00	1,249.89		1,749.89	2,942.75		2,942.75		1,192.86
Tuition Retarded Pupils.....		6,500.00	280.68		6,780.68	6,502.08	278.60	6,780.68		
Public Library.....	475.00	14,415.00	3,607.22		18,497.22	18,361.19	136.03	18,497.22		
Agencies.....		600.00			600.00	508.33	91.67	600.00		
Summer School.....		2,000.00			2,000.00	1,927.50	72.50	2,000.00		
Heating Plant—Center School.....		12,000.00			12,000.00	7,877.19	2,795.56	10,672.75	1,327.25	
Electric Lighting System—Center School.....				1,500.00	1,500.00				1,500.00	
Recreation and Unclassified										
Public Commons.....		8,500.00		174.84	8,674.84	8,662.40	12.44	8,674.84		
Playground Supervision.....		1,800.00			1,800.00	1,625.16	174.84	1,800.00		
Care of Bath Houses.....		400.00			400.00	398.25	1.75	400.00		
Salary Clerk—Local Civil Service.....		200.00			200.00	191.66	8.34	200.00		
Expenses—Local Civil Service.....		100.00			100.00	99.98	.02	100.00		
Claims.....		2,000.00	50.00	7,578.03	9,628.03	9,628.03		9,628.03		
Decoration and Care of Soldiers' Graves.....		1,000.00			1,000.00	999.45	.55	1,000.00		
Rental G. A. R. Hall.....		700.00			700.00	605.03	94.97	700.00		
Rent Post 45, American Legion.....		1,000.00			1,000.00	960.00	40.00	1,000.00		
Rent Spanish War.....		400.00			400.00	384.00	16.00	400.00		
Insurance.....		12,000.00	211.16		12,211.16	12,153.19	57.97	12,211.16		
Printing Reports.....		1,700.00		50.00	1,750.00	1,740.55	.45	1,750.00		
Bonds of City Officials.....		800.00		110.00	910.00	910.00		910.00		
Printing and Advertising Ordinances.....		100.00			100.00	55.50	44.50	100.00		
Mayors' Miscellaneous Account.....		3,500.00	6.61	50.00	3,556.61	3,554.65	1.96	3,556.61		
Salaries.....		6,900.00		37.50	6,937.50	6,937.50		6,937.50		
Celebration April 19th.....				150.00	150.00	145.92	4.08	150.00		
Decoration of Firemen's Graves.....		75.00			75.00	75.00		75.00		
Dedication of Honor Roll.....	500.00				500.00				500.00	
Schoolhouse Building Commission.....				500.00	500.00	145.34	354.66	500.00		
Special Committee—Board of Aldermen.....	800.00	200.00			1,000.00	956.48	43.52	1,000.00		
Bills of 1921 and Overdrafts.....		34,132.31		319.35	34,451.66	14,070.74	20,380.92	34,451.66		
Miscellaneous Credits.....	*900.00		*12,388.14	*.90	*13,489.04	*.20	*13,488.84	*13,489.04		
Registration of Voters.....				250.00	250.00	250.00		250.00		
Rifle Practice—Co. E. 101st Engineers.....				600.00	600.00	543.90	56.10	600.00		
Rent of Vaults—Sinking Fund Commrs.....				110.00	110.00	110.00		110.00		
Decoration Policemen's Graves.....				50.00	50.00	50.00		50.00		
Hancock St. Bath Houses.....				800.00	800.00		800.00	800.00		
D. W. Lawrence Band Concert Fund.....				1,800.00	1,800.00				1,800.00	

NAME OF ACCOUNT	Balance Jan. 1, 1922	Appro- priations	Receipts	Transfers From Other Accounts	Total Amount Credited	Expended	Transfers To Other Accounts	Total Amount De- bited	Unexpended Balances	Excess
Enterprises and Cemeteries										
Water Service			107,007.02	13,579.07	120,586.09	116,040.17	12,701.02	128,741.19		8,155.10
Salaries of Trustees of Cemeteries		200.00			200.00	200.00		200.00		
Care of Oak Grove Cemetery		10,000.00	13,658.34		23,658.34	23,250.39	346.40	23,596.88	61.46	
Care of Cross and Salem Street Cemeteries		300.00		2,500.00	2,800.00	2,592.32	207.68	2,800.00		
Water Mains Construction—Lila Ave.				1,000.00	1,000.00		1,000.00	1,000.00		
Interest and Maturing Debt										
Interest		108,000.00	33,822.83	1,232.78	143,055.61	108,296.15	29,720.97	138,017.12	5,038.49	
Interest—Water Debt	5,269.07		3,776.95		9,046.02	3,020.00		3,020.00	6,026.02	
City Debt—Current		187,500.00	118,800.00	7,000.00	313,300.00	312,800.00		312,800.00	500.00	
City Debt—General	44.79		9,460.90	33,422.80	42,928.49	1,025.00	29,156.13	30,181.13	12,747.36	
Income from Trust Funds	205.25		3,645.24		3,850.49	1,830.00	1,800.00	3,630.00	220.49	
Premium Accounts				9,385.91	9,385.91	770.00	8,615.91	9,385.91		
Non-Revenue										
Perpetual Care Fund			3,014.00	75.00	3,089.00	3,089.00		3,089.00		
City Hall—Construction	98,270.85				98,270.85	500.00		500.00	97,770.85	
Police Signal System Equipment	89.04				89.04	59.94		59.94	29.10	
Two Penny Brook—Covered Drain	6,000.00				6,000.00				6,000.00	
Sewer Construction	161.83	35,000.00	1,383.27	17,256.10	53,801.20	43,078.64	13,648.06	56,726.70		2,925.50
Surface Drains Construction	15,541.33	7,000.00	1,650.00		24,191.33	17,805.45	2,750.00	20,555.45	3,635.88	
Paving Medford Sq., Main, Salem and High Sts.	146.21				146.21	146.21		146.21		
Widening Salem Street	4,394.81				4,394.81	4,308.49	86.32	4,394.81		
Construction Amaranth Ave.	1,550.47				1,550.47	1,550.47		1,550.47		
Construction Dwyer Circle	5,243.91				5,243.91	5,236.39		5,236.39	7.52	
Construction Gourley Road	3,235.58				3,235.58	3,235.58		3,235.58		
Edward Street Construction	3,500.00				3,500.00	3,500.00		3,500.00		
Sheridan Avenue Construction	4,000.00			86.32	4,086.32	4,086.32		4,086.32		
Riverside Avenue	1,438.83				1,438.83				1,438.83	
Sidewalk and Edgestone Construction	5,400.14				5,400.14	5,400.14		5,400.14		
Fulton Heights Schoolhouse	3,811.46		3.00	850.00	4,664.46	2,784.78		2,784.78	1,879.68	
High School Addition	184.70				184.70		104.14	104.14	80.56	
South Medford Schoolhouse	212.11				212.11		212.11	212.11		
Playground Equipment	3,000.00				3,000.00				3,000.00	

NAME OF ACCOUNT	Balance Jan. 1, 1922	Appro- priations	Receipts	Transfers From Other Accounts	Total Amount Credited	Expended	Transfers To Other Accounts	Total Amount Expended	Unexpended Balances	Excess
Non-Revenue										
Memorial Honor Roll.....	148.04				148.04	73.42		73.42	74.62	
Food Production and Conservation.....	25.07				25.07				25.07	
Development of the Port of Boston.....	333.34				333.34				333.34	
Fuel Administration Expenses.....	147.92				147.92				147.92	
War Emergency.....	79.16				79.16				79.16	
Special War Emergency.....	850.00				850.00				850.00	
Auditing Dept. Equipment.....	2.12				2.12		2.12	2.12		
Highway Dept. Equipment.....	.36				.36		.36	.36		
Land Dame School.....	4,000.00				4,000.00				4,000.00	
Portable Schoolhouses—Dame School.....	327.59				327.59				327.59	
Portable Schoolhouse—Tufts School.....	3,000.00				3,000.00	2,871.46		2,871.46	128.54	
U. S. Irrigation & Drainage Co.....	10,760.69	8,986.69			19,746.69	10,886.53	8,860.16	19,746.69		
Park St. and Wellington Parks.....	8,692.69				8,692.69				8,692.69	
Fire Dept. Repair Shop Equipment.....	630.66				630.66				630.66	
Auto Ambulance Poor Dept.....	2.88				2.88		2.88	2.88		
Fire Alarm Signal System Equipment.....	7.97		500.00		507.97	501.07		501.07	6.90	
Assessors' Dept. Equipment.....	.48				.48		.48	.48		
City Hall Equipment.....	.05				.05		.05	.05		
Portable Band Stand.....	259.75				259.75				259.75	
City Engineer's—Dept. Equip.....		1,000.00			1,000.00	487.08	512.92	1,000.00		
Manual Training Equip.—High School.....		14,000.00			14,000.00	54.00	7,000.00	7,054.00	6,946.00	
Junior High School—So. Medford District.....		375,000.00			375,000.00	80,163.48		80,163.48	294,836.52	
Judgment—Elizabeth Landry.....		3,500.00		44.50	3,544.50	3,544.50		3,544.50		
Center School—Equipment.....				316.25	316.25	316.25		316.25		
Auto Pump—Fire Dept.....		12,500.00			12,500.00	12,500.00		12,500.00		
Portable Voting Booths.....		4,000.00			4,000.00	3,847.00		3,847.00	153.00	
Circuit Road Water Main.....		15,000.00			15,000.00				15,000.00	
Departmental Equipment.....				18.81	18.81				18.81	
Water Mains—Winslow Ave. & Homestead Park.....		8,000.00			8,000.00				8,000.00	
	\$193,741.46	\$1,946,713.50	\$342,300.22	\$182,896.31	\$2,665,651.49	\$2,000,867.91	\$183,930.18	\$2,183,798.09	\$489,231.50	\$17,378.10

*Not figured in totals.

ARTHUR E. CROWLEY,
City Auditor.

PUBLIC PROPERTY

Assessors' Valuation, April 1, 1922

(Real Estate)

Ward 1

Franklin Schoolhouse	\$85,000.00
35,762 feet land, Central avenue.....	9,700.00
58,952 feet land, Logan Grove.....	11,800.00
192,200 feet land, Central avenue playground.	26,900.00
386½ feet land S. part 79 Sheridan avenue..	700.00
	<hr/>
	\$134,100.00

Ward 2

Brick Engine House.....	\$16,000.00
Shed	100.00
10,532 feet land, Salem street.....	4,200.00
Curtis Schoolhouse (wooden).....	6,000.00
Curtis Schoolhouse (brick).....	50,000.00
32,986 feet land, Paris street.....	6,600.00
9,005 feet land, Paris street.....	1,350.00
14,120 feet land, lot 8, Dell avenue.....	400.00
13,660 feet land, lot 9, Dell avenue.....	400.00
20,020 feet land, lot 7, Pt lot 5, Dell avenue..	800.00
Washington Schoolhouse	80,000.00
56,520 feet land, Washington street, corner Cross street	19,800.00
Swan Junior High School	240,000.00
42,280 feet land, Park street, corner Wash- ington street.....	14,800.00

56,758 feet land, Magoun Park.....	14,200.00
Schoolhouse, Fulton street.....	4,000.00
39,189 feet land, Fulton street.....	4,700.00
Schoolhouse, Fulton street (Fulton Heights) ..	100,000.00
5,320 feet land, Paris street.....	750.00
800 feet land, Paris street.....	100.00
3,837 feet land, Fellsway West.....	100.00
House, Winslow avenue	200.00
Lot 1, Winslow avenue, 6,075 feet.....	300.00
5,723 feet land, Winslow avenue, lot 2.....	150.00
4,794 feet land, Winslow avenue, lot 14.....	150.00
4,658 feet land, Arlington street, lot 3.....	100.00
4,000 feet of land, Arlington street, lot 18....	100.00
5,632 feet land, Rand street, lot 40.....	100.00
5,492 feet land, Rand street, lot 39.....	100.00
4,046 feet land, Rand street, lot 36.....	100.00
3,942 feet land, Rand street, lot 35.....	100.00
3,837 feet land, Rand street, lot 34.....	100.00
3,792 feet land, Rand street, lot 33.....	100.00
5,550 feet land, Waddell street.....	150.00
3,500 feet land, Sawyer street, lot 10.....	50.00
3,500 feet land, Sawyer street, lot 9.....	50.00
3,500 feet land, Sawyer street, lot 8.....	50.00
3,500 feet land, Sawyer street, lot 7.....	50.00
3,500 feet land, Sawyer street, lot 6.....	50.00
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Total Ward 2.....	\$566,300.00

Ward 3

36,040 feet land, Salem Street Cemetery.....	\$16,200.00
119,950 feet land, Public Common, Salem street	30,000.00
Band Stand	300.00
Everett School	12,000.00
10,155 feet land, Salem street.....	3,050.00
48,400 feet land, Cross Street Cemetery.....	5,800.00

No. 825 Fellsway West, office building.....	12,000.00
Brick Developing house.....	8,000.00
Store House	300.00
Tay House	800.00
Studios and annex	145,000.00
Tool House	300.00
29.60 acres, Fellsway West.....	38,700.00
High School Building.....	500,000.00
196,814 feet land, Forest street to Hall avenue and Bradlee road	68,900.00
550 sq. feet land, Governors avenue, cor. High street	550.00
Center Schoolhouse	40,000.00
30,112 ft. land, High St., to Grand View avenue	12,050.00
Public Library	40,000.00
Public Library Annex	8,000.00
16,450 feet land, High street.....	4,950.00
13,566 feet land, High street.....	4,750.00
Brooks Schoolhouse	95,000.00
83,960 feet land, High street, cor. Allston street	21,000.00
15,146 sq. ft. land, High street, cor. Main street to River	53,000.00
Foundation	40,000.00
58,000 feet land, Hastings Park, Allston street	14,500.00
City Home	30,000.00
Stable and Shed	3,000.00
Piggery and Tool House	1,000.00
Stone Crusher and Building	3,000.00
24.10 acres land, Winthrop street.....	10,500.00
Blacksmith Shop	500.00
Garage	200.00
Storage shed	100.00
Waiting room	500.00
Tool house	500.00
48.57 acres, Oak Grove Cemetery, Winthrop street	169,250.00

Dwelling, No. 230 Playstead road.....	4,000.00
Storehouse	500.00
Stables	500.00
Dwelling in rear	1,800.00
20,242 feet land, Terrace road.....	400.00
119 acres, Fellsway West	50,100.00
2,883 feet land, Fountain street, lot 3.....	350.00
740 feet land, Bradlee road.....	250.00
18,905 feet land, Governors avenue to Grand View avenue	3,400.00
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Total of Ward 3.....	\$1,455,000.00

Ward 4

Brick Fire House	\$85,000.00
10,480 feet land, Main St., cor. South street....	8,400.00
15,988 feet land, Brooks Park.....	3,500.00
Police Station and Garage.....	40,000.00
9,046 feet land, Main St., cor. Swan St.....	7,250.00
Water Works Building and Garage.....	25,000.00
Shed	1,500.00
Blacksmith and repair shop.....	2,500.00
Wagon shed double.....	2,000.00
Storage building	2,500.00
Storage building rear of garage.....	400.00
Garage	1,500.00
Tool house at gate.....	100.00
14,656 feet land, Swan St., cor. James St.....	2,200.00
Highway Stables	30,000.00
Tool house, garage and wagon shed.....	2,500.00
Cement storage building.....	500.00
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	75,000.00
43,342 feet land, Hancock avenue, lots A and B	6,950.00

Cradock Schoolhouse	14,000.00
26,668 feet land, Summer St., cor. Rye St.....	5,850.00
Portable Schoolhouse	6,000.00
L. L. Dame Schoolhouse	125,000.00
49,986 feet land, George street.....	10,000.00
Cummings Schoolhouse	1,000.00
19,810 feet land, lot A, Cotting street, corner of Lyman avenue	2,400.00
3,830 feet land, rear Union street.....	300.00
159,284 feet land, Summer street, corner Rye street	28,650.00
1,744 feet land, Douglas road.....	350.00
160 feet land, Summer St., cor. Douglas road..	50.00
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Total Ward 4.....	\$495,950.00

Ward 5

Two portable schoolhouses	\$8,000.00
Lincoln Schoolhouse	110,000.00
99,600 feet land, Dartmouth, Yale and Har- vard streets	19,900.00
.65 acre Marshland, Mystic avenue.....	150.00
Tufts Schoolhouse	30,000.00
Portable Schoolhouse	3,000.00
33,851 feet land, junction of Main and Medford streets	11,850.00
277,915 feet land, Tufts Park.....	55,600.00
Brick Engine House	15,000.00
7,780 feet land, lots 25 and 26, Medford street, corner Albion street	2,350.00
2,809 feet land, Leyden St., cor. East Albion St., lot 12	100.00
4,530 feet land, East Albion St., Lot 9.....	250.00
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Total Ward 5.....	\$256,200.00

Ward 6

5,210 feet land, Park, High street.....	\$1,550.00
Gleason Schoolhouse	12,000.00
20,350 feet land, lot 23, Gleason street, corner of Madison street	5,100.00
369,824 feet land, Brooks Playstead.....	73,950.00
Fire Station	15,000.00
11,340 feet land, Harvard avenue, corner of Bower street	5,100.00
Hervey Schoolhouse	18,000.00
25,600 feet land, lots 66 and 67 Holton street, corner Sharon street	5,100.00
9,650 feet land, Boston avenue.....	1,950.00
Hillside Schoolhouse	20,000.00
29,775 feet land, Boston avenue, corner Win- throp street	15,000.00
2,000 feet land, Jerome street, corner Sherman street	250.00
Total of Ward 6.....	\$173,000.00

Ward 7

James Schoolhouse	\$50,000.00
58,878 feet land, Spring street, corner Brad- shaw street	9,400.00
Fire Station	5,000.00
8,270 feet land, lot 15, Spring street.....	1,250.00
New Osgood Schoolhouse.....	80,000.00
47,760 feet, Fourth street.....	9,550.00
13,503 feet land, Myrtle street.....	250.00
1,656 feet land, Riverside Ave., cor. Rockwell avenue	150.00
720 feet land, Linden St., part lot 38.....	50.00
124,654 feet, Playground, Second St.....	12,450.00
Total of Ward 7.....	\$168,100.00

Totals by Wards

(All Parks and Cemeteries included)

Ward 1	\$134,100.00
Ward 2	566,300.00
Ward 3	1,455,000.00
Ward 4	495,950.00
Ward 5	256,200.00
Ward 6	173,000.00
Ward 7	168,100.00
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Total	\$3,248,650.00
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).....	16,200.00
Hastings Park (Ward 3).....	14,500.00
Oak Grove Cemetery (Ward 3).....	169,250.00
Dwelling House, Playstead Road (Ward 3)...	4,000.00
Garage	200.00
Stables, Playstead Road (Ward 3).....	500.00
Storehouse	500.00
Dwelling House, rear of Playstead Road (Ward 3)	1,800.00
Brooks Park (Ward 4).....	3,500.00
Delta, Grove and High Sts.....	1,550.00
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	\$232,000.00

Report of the City Treasurer

January 1st, 1923.

Hon. Richard B. Coolidge,
Mayor of the City of Medford.

Dear Sir:—

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

Cash in Treasury January 1st, 1922..... \$317,127.31

Receipts to December 31st, 1922..... 3,619,230.09

Total \$3,936,357.40

Expenditures to December 31st, 1922..... \$3,364,174.66

Cash in Treasury January 1st, 1923..... \$572,182.74

Respectfully,

EDWARD A. BADGER,
City Treasurer.

Report of Commissioners of Sinking Funds

Hon. Richard B. Coolidge, 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, 1922:

WATER LOAN SINKING FUND

Receipts

1922

Jan. 1.	Cash on hand.....	\$7,832.32
	Income from investments	2,824.41
	Income from bank deposits	82.63
	Sold to Schoolhouse Improvement Loan account \$1,000 Liberty Loan $4\frac{1}{4}\%$ bonds, due Oct. 15, 1938, and interest..	1,009.71
	Sold to City Stable Loan account \$2,000 Medford 4% bonds, due June 1, 1924, and interest	2,012.00

		Sold to City Notes	
		Loan account, \$1,500	
		Medford 4½% bonds, \$500 each, due June 1, 1922-1924, and interest	1,504.68
Feb. 1.		Sold to Sewerage Loan account \$2,000 U. S. 5½% Certificates, due Aug. 1, 1922	2,000.00
June 15.		U. S. 5½% Certificates paid	5,000.00
Sept. 1.		Salem bonds paid ..	2,000.00
Sept. 15.		U. S. 5¼% Certificates paid	2,000.00
Dec. 1.		Medford bonds paid	10,000.00
Dec. 15.		U. S. Victory Loan 4¾% bonds paid ..	10,000.00
			<hr/>
			\$46,265.75

Disbursements

Jan. 1.		Paid to City to redeem maturing bonds	\$4,000.00
Jan. 6.		Bought of City Notes account \$1,000 Medford 4% bond, due Dec. 1, 1922, and interest	1,004.00
		Paid income for year 1921 to city	3,776.95
Feb. 1.		Bought of Lincoln Schoolhouse Loan account \$4,000. Medford 4% bonds, due Dec. 1, 1922, and interest	4,026.67

Feb. 6.	Bought \$1,000 U. S. 4¾% Certificate, due Feb. 1, 1925 @ 100⅞ and interest..	1,004.41	
Dec. 1.	Paid to City to re- deem maturing bonds	25,000.00	
Dec. 15.	Bought \$4,000 Everett 4% bonds, due July 1, 1923, and interest	4,073.33	
			<hr/> \$42,885.36

Jan. 1, 1922.	Cash on hand, de- posited in Medford Trust Co.		\$3,380.39
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Water Loan Account Invested as Follows:

Jan. 1.	Medford 4% Notes, due Dec. 1, 1926...	\$15,000.00	
	Medford 4% bonds, due July 1, 1923...	6,000.00	
	U. S. Victory Loan 4¾% bonds. due May 20, 1923.....	15,000.00	
	U. S. Certificates 4¾%, due Feb. 1, 1925	1,000.00	
	Everett 4% bonds, due July 1, 1923...	4,000.00	
			<hr/> \$41,000.00
Jan. 1, 1923.	Total securities and cash		\$44,380.39

SEWERAGE LOAN SINKING FUND**Receipts**

1922		
Jan. 1.	Cash on hand.....	\$4,549.44
	Income from Investments	5,552.50
	Income from bank deposits	125.40
Feb. 1.	Sold to Schoolhouse 1908 Loan account \$2,000 Am. Tel. & Tel. Co. 4% bonds, due July 1, 1929, and interest	2,006.67
June 1.	Medford bond paid	200.00
Aug. 1.	Medford bond paid	13,000.00
Aug. 15.	U. S. 5½% Certificates paid	5,000.00
Sept. 15.	U. S. 5¼% Certificates paid	15,000.00
Oct. 5.	Sold to City Notes account \$8,000 Victory Loan 4¾% bonds, due May 20, 1923, and interest..	8,116.11
Dec. 15.	U. S. 4¾% bond paid	1,000.00
		<hr/>
		\$54,550.12

Disbursements

Jan. 19.	Bought \$1,000 Medford 4% bond, due July 1, 1926, @ 98.40 and interest	\$986.00
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Feb.	1.	Bought of Water Loan account \$2,000 U. S. 5½% Certifi- cates, due Aug. 1, 1922	2,000.00	
Feb.	6.	Bought \$5,000 Vic- tory Loan 4¾% bonds, due May 20, 1923, @ 100.32 and interest	5,049.65	
Aug.	1.	Paid to City to re- deem bonds matur- ing	25,000.00	
Oct.	15.	Bought U. S. 4¼% bonds, due Oct. 15, 1952	10,000.00	
Dec.	5.	Bought \$5,000 U. S. 4¼% bonds, due Sept. 1, 1928, @ 98.50 and interest and commission ...	4,978.48	
Dec.	15.	Bought \$6,000 Everett 4% bonds, due July 1, 1923, @ par and interest...	6,110.00	
				<hr/>
				\$54,124.13
				<hr/>
Jan. 1, 1923.	Cash on hand deposited National Shaw- mut Bank			\$425.99
Sewerage Loan Invested as follows:				
Medford 4% bonds, due Aug. 1, 1923				\$1,000.00
City of Medford 4% bonds, due July 1, 1926.....				30,000.00
City of Medford 4% bonds, due July 1, 1924.....				1,000.00

City of Medford 4% bonds, due Oct. 1, 1924.....	3,000.00	
City of Medford 4% bonds, \$200 ea., due June 1, 1923-24...	400.00	
Princeton & Northwestern R. R. Co. 3½% bonds, due Jan. 1, 1926	10,000.00	
Boston Elevated Street R'y Co. 4% bonds, due May 1, 1935,	2,000.00	
Amer. Tel. & Tel. Co. 4% bonds, due July 1, 1929.....	18,000.00	
City of New London 4% bonds, due May 1, 1925.....	2,000.00	
City of Marlboro 4% bonds, due Sept. 1, 1926.....	3,000.00	
West End Street R'y Co. 4% bonds, due Aug. 1, 1932...	6,000.00	
Town of Winchester 3½% bonds, due Oct. 1, 1929....	4,000.00	
City of Salem 4% bonds, due Feb. 1, 1932.....	1,500.00	
Boston & Albany R. R. Co. 4% bonds, due May 1, 1935...	8,000.00	
U. S. Victory Loan 4¾% bonds, due May 20, 1923.....	5,000.00	
U. S. Liberty Loan 4¼% bonds, due Sept. 1, 1928.....	5,000.00	
U. S. 4¼% bonds, due Oct. 15, 1952	10,000.00	
City of Everett 4% bonds, due July 1, 1923.....	6,000.00	
	<hr/>	\$115,900.00
Jan. 1, 1923. Total securities and cash		<hr/> \$116,325.99

LINCOLN SCHOOLHOUSE LOAN SINKING FUND

 Receipts

1922

Jan.	1.	Cash on hand.....	\$1,500.00	
		Income from Investments	618.77	
		Income from bank deposits	80.83	
Jan.	6.	Sold to City Notes Loan account \$2,000 Boston 3½% bonds, due June 1, 1922 and interest	2,006.41	
Feb.	15.	Sold to Water Loan Acct. \$4,000 Medford 4% bonds, due Dec. 1, 1922 and interest	4,026.67	
Mar.	15.	U. S. 5¼% Certificates paid	2,000.00	
		U. S. 5¾% Certificates paid	5,000.00	
April	27.	Sold \$10,000 U. S. Certificates, due June 15, 1922, and premium and interest	10,219.71	
May	1.	Medford bonds paid	20,500.00	
			<hr/>	\$45,952.39

Disbursements

May 1.	Paid to City to re-		
	deem maturing bonds	\$45,000.00	
	Transferred to City		
	Stable Loan account	952.39	
		<hr/>	\$45,952.39
	Account closed.		

PUBLIC PLAYGROUND LOAN SINKING FUND**Receipts**

1922

Jan. 1.	Cash on hand.....	.00	
	Income from Invest-		
	ments	360.00	
		<hr/>	\$360.00

Disbursements

	Transferred to City		
	Stables Loan ac-		
	count		\$360.00
			<hr/>
Jan. 1, 1923.	Cash on hand...		.00
Public Playground Loan Fund invested as follows:			
City of Medford 4% bonds, due			
	May 1, 1932		\$9,000.00
			<hr/>
Jan. 1, 1922.	Total securities.		\$9,000.00

SCHOOLHOUSE LOAN 1908 SINKING FUND

Receipts

1922

Jan.	1.	Cash on hand.....	\$3,993.07	
		Income from Invest-		
		ments	2,400.00	
		Income from bank		
		deposits	31.11	
			<hr/>	\$6,424.18

Disbursements

Jan.	3.	Bought of City Notes		
		account \$2,000		
		American Tel. & Tel.		
		Co. 4% bonds, due		
		July 1, 1929.....	\$2,000.00	
Feb.	1.	Bought of Sewerage		
		Loan account \$2,000		
		American Tel. & Tel.		
		Co. 4% bonds, due		
		July 1, 1929, and in-		
		terest	2,006.67	
May	19.	Bought Malden 4%		
		bond, due May 2,		
		1923, @ 99.75 and		
		interest	999.39	
			<hr/>	\$5,006.06
Jan. 1, 1923.		Cash on hand de-		
		posited in National Shaw-		
		mut Bank		\$1,418.12

Schoolhouse 1908 Loan Funds invested
as follows:

Boston & Maine R. R. Co.	
4½% bonds, due Apr. 1,	
1929	\$5,000.00
Boston & Maine R. R. Co.	
3½% bonds, due Feb. 2,	
1925	9,000.00
Boston & Maine R. R. Co.	
4% bonds, due Sept. 1, 1926	6,000.00
Fitchburg R. R. Co. 4% bonds,	
due May 1, 1925.....	20,000.00
Fitchburg R. R. Co. 4½% bonds,	
due May 1, 1928...	4,000.00
Am. Tel & Tel. Co. 4% bonds,	
due July 1, 1929.....	13,000.00
City of Milwaukee 4½% bonds,	
due Jan. 1, 1928.....	3,000.00
Fitchburg R. R. Co. 4½% bonds,	
due Jan. 1, 1933...	1,000.00
City of Malden 4% bond, due	
May 2, 1923.....	1,000.00
	<hr/>
	\$62,000.00
Jan. 1, 1923. Total securities	
and cash	<hr/>
	\$63,418.12

PARK LOAN SINKING FUND

Receipts**1922**

Jan. 1.	Cash on hand.....	.00	
	Income from Invest- ments	1,265.00	
	Income from bank deposits	5.04	
		<hr/>	\$1,270.04

Disbursement

Transferred to Schoolhouse Im- provement Loan ac- count	<hr/>	\$1,270.04
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Jan. 1, 1923. Cash on hand...	.00
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Park Loan Fund invested as follows:

Commonwealth of Massachu- setts 3½% Reg. bond, due Jan. 1, 1930.....	\$2,000.00
City of Medford 4% Park bonds, due July 1, 1932....	17,000.00
City of Medford 4% Park bonds, Reg. July 1, 1932..	3,000.00
City of Salem 4% Reg. bonds, due Feb. 1, 1929.....	2,500.00
City of Salem 4% Reg. bonds, due Feb. 1, 1930.....	2,500.00
Boston & Maine R. R. Co. 4% bond, due April 1, 1929....	2,000.00

Old Colony R. R. Co. 3½%		
bond, due July 1, 1932....	1,000.00	
City of Newburyport 3½%		
bond, due June 1, 1932....	2,000.00	
	<hr/>	\$32,000.00
Jan. 1, 1923. Total securities..		<hr/> \$32,000.00

CITY NOTES LOAN SINKING FUND

Receipts

1922		
Jan. 1.	Cash on hand.....	\$504.45
	Income from Investments	1,866.50
	Income from bank deposits	42.67
Jan. 6.	Sold to Water Loan account \$1,000 Medford 4% bond, due Dec. 1, 1922 and interest	1,004.00
May 15.	Sold to Perpetual Care Fund accounts \$1,000 Liberty Loan 4¼% bond, due Nov. 15, 1942.....	1,000.00
June 1.	Medford bond paid.	500.00
	Boston bond paid..	2,000.00
July 1.	Medford bonds paid	1,100.00
July 15.	Sold to Metropolitan Park Assessment Loan account \$1,000 West End St.	

		R'way Co. $4\frac{1}{2}\%$ bond, due July 1, 1930, and interest..	1,001.88	
		Sold to Schoolhouse Improvement Loan account \$1,000 Fall River $3\frac{1}{2}\%$ bond, due Nov. 1, 1929, and interest	1,006.80	
		Also \$3,000 Boston & Maine R. R. Co. $4\frac{1}{2}\%$ bonds, due April 1, 1929, and interest	3,039.37	
Sept.	1.	Medford notes paid	6,000.00	
Oct.	1.	Medford notes paid	13,800.00	
Jan.	1.	Sold to Schoolhouse 1908 Loan account \$2,000 Am. Tel. & Tel. Co. 4% bonds, due July 1, 1929....	2,000.00	
				<hr/>
				\$34,865.67

Disbursements

Jan.	6.	Bought of Lincoln Schoolhouse Loan account \$2,000 $3\frac{1}{2}\%$ bonds, due June 1, 1922, and interest..	\$2,006.41
Jan.	25.	Bought of Water Loan account \$1,500 Medford $4\frac{1}{2}\%$ bonds, \$500 each, due June 1, 1922-1924, and in- terest	1,504.68

May 19.	Bought \$1,000 Mal-		
	den 4% bond, due		
	May 2, 1923, @ 99.75		
	and interest	999.39	
Sept. 1.	Paid to City to re-		
	deem notes maturing	6,000.00	
Oct. 1.	Paid to City to re-		
	deem notes maturing	13,800.00	
Oct. 5.	Bought of Sewerage		
	Loan account \$8,000		
	Victory Loan $4\frac{3}{4}\%$		
	bonds, due May 20,		
	1923, and interest ..	8,116.11	
		<hr/>	\$32,426.59

Jan. 1, 1923. Cash and hand
deposited in Medford
Trust Co.

\$2,439.08

City Notes Loan Fund invested as follows:

City of Medford 4% notes, due		
Jan. 1, 1927.....	\$7,000.00	
City of Medford 4% bonds,		
\$600 each, due July, 1923-		
24	1,200.00	
City of Fall River $3\frac{1}{2}\%$ bonds,		
due July 1, 1924.....	6,000.00	
City of Medford $4\frac{1}{2}\%$ bonds,		
\$500 each, due June 1,		
1923-24	1,000.00	
City of Malden 4% bond, due		
May 2, 1923.....	1,000.00	
Victory Loan $4\frac{3}{4}\%$ bonds, due		
May 20, 1923.....	8,000.00	
		<hr/>
		\$24,200.00

Jan. 1, 1923. Total securities
and cash

\$26,639.08

CITY STABLES LOAN SINKING FUND

Receipts

1922

Jan. 1.	Cash on hand.....	\$1,983.59	
	Income from Investments	540.00	
	Income from bank deposits	9.33	
	Transferred from Public Playground Loan account.....	360.00	
	Transferred from Lincoln Schoolhouse Loan account	952.39	
		<hr/>	\$3,845.31

Disbursements

Jan. 1.	Bought of Water Loan account \$2,000 Medford 4% bonds, due June 1, 1924, and interest	\$2,012.00	
May 19.	Bought \$1,000 Malden 4% bond, due May 2, 1924, @ 99.63 and interest	998.19	
		<hr/>	\$3,010.19
Jan. 1, 1923.	Cash on hand deposited in Medford Trust Co.		\$835.12

City Stables Loan Fund invested as follows :

Town of Belmont 4% bond, due		
Nov. 1, 1924.....	\$1,000.00	
City of Salem 4% bond, due		
Mar. 1, 1923.....	1,000.00	
Town of Great Barrington 4%		
bond, due Jan. 1, 1923....	1,000.00	
City of Malden 4% bond, due		
May 2, 1924	2,000.00	
City of Medford 4% bond, due		
May 1, 1924.....	9,000.00	
	<hr/>	\$14,000.00
Jan. 1, 1923. Total cash and		
securities		\$14,835.12

SCHOOLHOUSE IMPROVEMENT LOAN SINKING FUND

Receipts

1922			
Jan. 1.	Cash on hand.....	\$965.84	
	Income from Invest-		
	ments	472.75	
	Income from bank		
	deposits	3.91	
July 1.	Providence and		
	Springfield bonds		
	paid	2,000.00	
July 15.	Sold to Perpetual		
	Care Fund \$1,000		
	Liberty Loan No. 2		
	4¼% bond, due Nov.		
	15, 1938, and int...	1,010.31	
	Transferred from		
	Park Loan account	1,270.04	
		<hr/>	\$5,722.85

Disbursements

Jan. 6.	Bought of Water Loan account \$1,000 Liberty Loan $4\frac{1}{4}\%$ bond, due Nov. 15, 1938, and interest..	\$1,009.71	
July 15.	Bought of City Notes account \$1,000 Fall River $3\frac{1}{2}\%$ bonds, due Nov. 1, 1929, and interest..	1,006.80	
	Also \$3,000 Boston & Maine R. R. Co. $4\frac{1}{2}\%$ bond, due April 1, 1929, and int.	3,039.37	
			<hr/> \$5,055.88
Jan. 1, 1923.	Cash on hand de- posited in Medford Trust Co.		\$666.97
	Schoolhouse Improvement Loan Fund in- vested as follows:		
Boston & Maine R. R. Co. 4%	bonds, due Sept. 1, 1926..	\$4,000.00	
Liberty Loan No. 4, $4\frac{1}{4}\%$ bond,	due Oct. 15, 1938	1,000.00	
City of Medford 4% bond, due	July 1, 1926.....	1,000.00	
City of Medford 4% bond, due	July 1, 1925.....	600.00	
Boston & Maine R. R. Co. $4\frac{1}{2}\%$	bond, due April 1, 1929...	3,000.00	

Fall River 3½% bond, due Nov. 1, 1929.....	1,000.00	
	<hr/>	\$10,600.00
Jan. 1, 1923. Total securities and cash.....		\$11,266.97

**METROPOLITAN PARK ASSESSMENT LOAN
SINKING FUND**

Receipts

1922

Jan. 1. Cash on hand.....	\$620.62	
Income from Invest- ments	657.50	
Income from bank deposits	8.96	
	<hr/>	\$1,287.08

Disbursements

July 15. Bought of City Notes Loan account \$1,000 West End St. R'way Co. 4½% bond, due July 1, 1930, and interest		\$1,001.88
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Jan. 1, 1923. Cash on hand de- posited in Medford Trust Co.		\$285.20
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Metropolitan Park Assessment Loan Fund invested as follows:

Old Colony R. R. C. 3½% bonds, due July 1, 1932...	\$3,000.00
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Town of Athol 4% bonds, due Aug. 1, 1932.....	1,000.00	
Baltimore & Ohio R. R. Co. 3½% bonds, due July 1, 1925	500.00	
Fitchburg R. R. Co. 4½% bonds, due Jan. 1, 1933	2,000.00	
West End St. Ry. Co. 4½% bonds, due July 1, 1930 ..	2,000.00	
City of Medford 4% Reg. bonds, due Nov. 1, 1932	9,000.00	
	<hr/>	\$17,500.00
Jan. 1, 1923. Total securities and cash		\$17,785.20

TRUST FUNDS

Receipts

1922		
Jan. 1.	Cash on hand.....	\$251.34
	Income from Invest- ments	768.62
	Income from bank deposits	7.87
April	Received from East- ern Mass. St. R'way Co. in part payment of delayed interest \$20, Eastern Mass. St. R'way Co. 6% bond, due Feb. 1, 1928	20.00
	<hr/>	\$1,047.83

Disbursements

Nov. 18. Paid income to City	\$770.71	
Transferred \$20.00		
Eastern Mass. St.		
R'way bond to the		
Perpetual Care		
Fund accounts	20.00	
	<hr/>	\$790.71
Jan. 1, 1923. Cash on hand de-		
posited in Medford Trust		
Co.		\$257.12
The Trust Funds are invested as follows:		
Chicago, Burlington & Quincy,		
Ill. Div., 3½% bonds, due		
July 1, 1949	\$3,000.00	
New York, New Haven & Hart-		
ford R. R. 3½% bond, due		
April 1, 1954.....	500.00	
Boston & Albany R. R. Co. 5%		
bond, due Oct. 1, 1963	1,000.00	
Boston Elevated St. Ry. Co.		
4½% bond, due Nov. 1,		
1941	2,000.00	
Boston Elevated St. Ry. Co. 5%		
bond, due Dec. 1, 1942....	8,000.00	
Eastern Mass. St. R'way Co.		
4½% bonds, due Jan. 1,		
1948	1,000.00	
Eastern Mass. St. R'way Co.		
6% bonds, due Jan. 1, 1948	50.00	
U. S. Liberty Loan 4¼%, due		
Oct. 1, 1938	400.00	
	<hr/>	\$15,950.00
Jan. 1, 1923. Total cash and		
securities	\$16,207.12	

PERPETUAL CARE FUND

 Receipts

1922			
Jan.	1.	Cash on hand.....	\$4,069.82
		Income from Invest- ment	2,666.01
		Income from bank deposits	12.00
May	1.	Medford bond paid.	600.00
April		Received from East- ern Mass. St. R'way Co. in part payment of 75% of delayed interest on bond due Feb. 1, 1928, @ 6% interest	80.00
		Transferred from Trust Fund account Eastern Mass. St. R'way bond	20.00
Dec.		Received from City.	\$3,089.00
			<hr/>
			\$10,536.83

Disbursements

Jan.	3.	Paid income to City.	\$2,094.09
Jan.	19.	Bought \$2,400 U. S. Liberty Loan bonds 4¼%, due Oct. 15, 1938, @ \$97.88 and interest	2,375.99

July 15.	Bought of School-house Improvement Loan account \$1,000 Liberty Loan 4¼%, bond due Oct. 15, 1938, and interest ..	1,010.31	
May 15.	Bought of City Notes Loan account \$1,000 Liberty Loan 4¼% bond, due Oct. 15, 1938	1,000.00	
April	Received in part payment of delayed interest \$80, part of \$100 Eastern Mass. St. R'way Co. 6% bond, due Feb. 1, 1928, and transferred from Trust Fund \$20, the remainder of above bond.....	100.00	
		<hr/>	\$6,580.39

Jan. 1, 1923. Cash on hand deposited in Medford Trust Co. \$3,956.44

The Perpetual Care Fund is invested as follows:

Washington County, Me., Railway Company 3½% bonds, due Jan. 1, 1954.....	\$5,000.00
City of Boston 4% bonds, due July 1, 1937.....	2,000.00
Boston Elevated Railway 4% bond, due May 1, 1935....	1,000.00
New York, New Haven & Hartford R. R. 4% bond, due July 1, 1955.....	1,000.00

Chicago, Burlington & Quincy R. R. 4% bond, due March 1, 1958	1,000.00
City of Medford 4% bonds, due May 1, 1939.....	5,000.00
City of Medford 4% bonds, \$600 each, due July 1, 1926- 32	4,200.00
City of Medford 4% bonds, \$600 each, due May 1, 1923-24	\$1,200.00
Fitchburg R. R. Co. 4½% bonds, due Jan. 1, 1933...	4,000.00
Old Colony R. R. 4% bond, due Jan. 1, 1938.....	1,000.00
New York, New Haven & Hart- ford R. R. 4% bond, due March 1, 1947.....	2,000.00
Illinois Central R. R. Western line 4% bonds, due Aug. 1, 1951	3,000.00
Newark 4½% bond, due Feb. 1, 1944	1,000.00
Boston & Albany R. R. Co. 5% bond, due July 1, 1938....	1,000.00
Liberty Loan No. 2, 4¼% bonds, due Nov. 15, 1942..	5,000.00
City of Medford 4½% bonds, \$500 each, due June 1, 1925-28	2,000.00
Chicago, Burlington & Quincy R. R., Ill. Div., 3½% bond, due July 1, 1949.....	6,000.00
Eastern Mass. St. R'way Co. 4½% bonds, due Jan. 1, 1948	4,000.00

Eastern Mass. St. R'way Co.		
6% bonds, due Jan. 1, 1948	200.00	
Liberty Loan No. 4, 4¼%		
bonds, due Oct. 1, 1938.....	12,200.00	
Eastern Mass. St. R'way Co.		
6% bond, due Feb. 1, 1928.	100.00	
	<hr/>	\$61,900.00
Jan. 1, 1923. Total securities		
and cash		\$65,856.44

RECAPITULATION

Sinking Funds

1922

Jan. 1. Amount on hand....	\$441,249.33	
Income from Invest-		
ments	16,557.43	
Income from bank		
deposits	389.88	
Premium and in-		
terest	31.18	
	<hr/>	\$458,227.82

Disbursements

Paid to City to re-		
deem maturing bond	\$118,800.00	
Paid to City Income		
from Water Loan		
accounts	3,776.95	
	<hr/>	\$122,576.95

1923

Jan. 1. Amount on hand...	\$335,650.87
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Perpetual Care Fund—Recapitulation

1922

Jan.	1.	Amount on hand....	\$62,069.82	
		Income	2,778.01	
		Premium and interest	13.70	
		Received from City.	3,089.00	
			<hr/>	\$67,950.53

Disbursement

		Paid to City.....	<hr/>	\$2,094.09
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1923

Jan.	1.	Cash on hand		\$65,856.44
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Trust Funds—Recapitulation

1922

Jan.	1.	Amount on hand...	\$16,201.34	
		Income	776.49	
			<hr/>	\$16,977.83

Disbursement

		Paid to City.....	<hr/>	\$770.71
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1923

Jan.	1.	Amount on hand...		\$16,207.12
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Report of Commissioners of Sinking Funds

On account of increased rates of interest and the consequent accumulation of funds, with the prospect of further accumulations, the Sinking Fund Commissioners have decided to make no call in 1923 for funds to be raised by taxation.

Respectfully submitted.

LEWIS H. LOVERING,
WILLIAM CUSHING WAIT,
CHARLES M. HAYDEN,
EVERARD I. LANGELL,
CHARLES H. BARNES,
WALTER F. CUSHING,

Commissioners of Sinking Funds.

Report of the City Collector

Medford, Mass., January 1, 1923.

Honorable Richard B. Coolidge,

Mayor of City of Medford, Massachusetts.

Dear Sir:

I respectfully submit the following report of the collections in this department for the year ending December 31, 1922.

Taxes of 1922

Total of Warrants.....	\$1,586,614.25	
Refund through Treasurer	2.00	
Taxes collected twice	5.00	
Collected and paid Treasurer..		\$1,111,207.75
Abated		8,068.25
Uncollected January 1, 1923...		467,345.25
	<hr/>	<hr/>
	\$1,586,621.25	\$1,586,621.25

Taxes of 1921

Uncollected January 1, 1922...	\$471,125.97	
Refund through Treasurer to adjust over payment of		
Taxes	438.24	
Transferred to 1920 Taxes.....	109.98	
Collected and Paid Treasurer..		\$394,563.77

Abated		1,206.65
Uncollected January 1, 1923...		75,898.74
	<hr/>	<hr/>
	\$471,674.19	\$471,674.19

Taxes of 1920

Uncollected January 1, 1922...	\$64,023.28	
Collected and Paid Treasurer..		\$61,638.06
Abated		942.81
Transferred from 1921 Taxes..		109.98
Uncollected January 1, 1923...		1,332.43
	<hr/>	<hr/>
	\$64,023.28	\$64,023.28

Taxes of 1919

Uncollected January 1, 1922...	\$451.36	
Difference to adjust	1.40	
Collected and Paid Treasurer..		\$98.49
Uncollected January 1, 1923...		354.27
	<hr/>	<hr/>
	\$452.76	\$452.76

Taxes of 1918

Uncollected January 1, 1922...	\$4.20	
Overcollected	2.00	
Transferred from 1917 Taxes to adjust collections		\$55
Uncollected January 1, 1923...		5.65
	<hr/>	<hr/>
	\$6.20	\$6.20

Taxes of 1917

Uncollected January 1, 1922...	\$95	
Collection after abatement....	25.68	
Transferred to 1917 Street Water to adjust .....	.45	

Transferred to 1918 Taxes to adjust collections .....	.55	
Overcollection adjusted on Auditor's books .....	.05	
Collected and Paid Treasurer..		\$25.68
Uncollected January 1, 1923...		2.00
	<hr/>	<hr/>
	\$27.68	\$27.68

December Taxes 1922

Warrant	\$269.50	
Collected and Paid Treasurer..		\$50.75
Abated		52.50
Uncollected January 1, 1923...		166.25
	<hr/>	<hr/>
	\$269.50	\$269.50

December Taxes 1921

Uncollected January 1, 1922...	\$49.28	
Collected and Paid Treasurer..		\$49.28
	<hr/>	<hr/>
	\$49.28	\$49.28

December Taxes 1920

Uncollected January 1, 1922...	\$64.07	
Uncollected January 1, 1923...		\$64.07
	<hr/>	<hr/>
	\$64.07	\$64.07

Street Watering Assessments

Uncollected January 1, 1922...	\$24.77	
Overcollected 1919 Account...	.63	
Abated—1919 Account		\$24.95
Transferred from 1917 Taxes to adjust 1917 Account.....		.45
	<hr/>	<hr/>
	\$25.40	\$25.40

Mosquito Assessment 1913

Uncollected January 1, 1922...	\$3,481.72	
Uncollected January 1, 1923...		\$3,481.72
	<hr/>	<hr/>
	\$3,481.72	\$3,481.72

Sewer Assessments

Uncollected January 1, 1922...	\$2,366.13	
Schedules Nos. 148-149 and 150 committed	12,214.03	
Apportioned		\$673.41
Abated		45.60
Collected and Paid Treasurer..		4,563.62
Uncollected January 1, 1923...		9,297.53
	<hr/>	<hr/>
	\$14,580.16	\$14,580.16

Sewer Apportionments

Uncollected January 1, 1922...	\$96.85	
Warrant for 1922.....	534.33	
Apportionments paid in ad- vance	145.12	
Collected 1922 Account and Paid Treasurer		\$381.16
Collected 1921 Account and Paid Treasurer		56.66
Collected 1920 Account and Paid Treasurer		40.19
Apportionments—paid in ad- vance—Collected and Paid Treasurer		145.12
Uncollected January 1, 1923...		153.17
	<hr/>	<hr/>
	\$776.30	\$776.30

Sewer Connections

Uncollected January 1, 1922...	\$4,884.56	
Schedules Nos. 159-162 inclusive committed	18,242.57	
Sewer Connections Nos. 5951 and 7062 committed.....	97.21	
Apportioned		\$16,327.23
Added to 1922 Taxes.....		3,542.56
Collected and Paid Treasurer..		3,354.55
	<hr/>	<hr/>
	\$23,224.34	\$23,224.34

Sewer Connection Apportionments

Uncollected January 1, 1922...	\$660.71	
Warrant for 1922.....	1,877.67	
Apportionments paid in advance	2,178.30	
Collected 1922 Account and Paid Treasurer		\$1,074.55
Collected 1921 Account and Paid Treasurer		567.81
Collected 1920 Account and Paid Treasurer		26.93
Collected 1919 Account and Paid Treasurer		4.83
Collected 1918 Account and Paid Treasurer		4.84
Collected 1917 Account and Paid Treasurer		4.84
Apportionments paid in advance—Collected and Paid Treasurer		2,178.30
Uncollected January 1, 1923...		854.58
	<hr/>	<hr/>
	\$4,716.68	\$4,716.68

Sewer Connections Added to Taxes

Uncollected January 1, 1922...	\$3,215.91	
Warrant for 1922.....	3,542.56	
Collected 1922 Account and Paid Treasurer		\$2,171.36
Collected 1921 Account and Paid Treasurer		2,303.46
Collected 1920 Account and Paid Treasurer		330.56
Uncollected January 1, 1923...		1,953.09
	<hr/>	<hr/>
	\$6,758.47	\$6,758.47

Sewer Construction—Special

Unsettled January 1, 1922....	\$2.28	
Committed during 1922.....	70.02	
Collected and Paid Treasurer..		\$50.87
Unsettled January 1, 1923....		21.43
	<hr/>	<hr/>
	\$72.30	\$72.30

Sidewalk Assessments

Uncollected January 1, 1922...	\$4,941.61	
Committed during 1922.....	4,942.79	
Apportioned		\$2,814.60
Collected and Paid Treasurer..		4,786.94
Uncollected January 1, 1923...		2,282.86
	<hr/>	<hr/>
	\$9,884.40	\$9,884.40

Sidewalk Apportionments

Uncollected January 1, 1922...	\$792.84
Warrant for 1922.....	2,172.12

Apportionments paid in advance	384.88	
Collected 1922 Account and Paid Treasurer		\$1,424.95
Collected 1921 Account and Paid Treasurer		505.95
Collected 1920 Account and Paid Treasurer		163.75
Erroneously credited to Betterment Apportionments 1921		29.83
Apportionments paid in advance—Collected and Paid Treasurer		384.88
Uncollected January 1, 1923...		840.48
	<hr/>	<hr/>
	\$3,349.84	\$3,349.84

Sidewalk Applications

Unsettled January 1, 1922.....	\$737.70	
Committed during 1922.....	7,526.28	
Collected and Paid Treasurer..		\$5,607.62
Unsettled January 1, 1923....		2,656.35
	<hr/>	<hr/>
	\$8,263.98	\$8,263.98

Betterment Assessments

Uncollected January 1, 1922...	\$4,416.67	
Committed during 1922.....	3,997.66	
Apportioned		\$1,167.76
Collected and Paid Treasurer..		4,611.98
Uncollected January 1, 1923...		2,634.59
	<hr/>	<hr/>
	\$8,414.33	\$8,414.33

Betterment Apportionments

Uncollected January 1, 1922...	\$793.40
Warrant for 1922.....	1,879.89

Collected 1922 Account and Paid Treasurer		\$1,466.22
Collected 1921 Account and Paid Treasurer		570.42
Collected 1920 Account and Paid Treasurer		163.36
Transferred to Sidewalk Appor- tionments 1921	29.83	
Uncollected January 1, 1923...		503.12
	<hr/>	<hr/>
	\$2,703.12	\$2,703.12

Water Connections

Unsettled January 1, 1922.....	\$3,944.86	
Committed during 1922.....	13,574.57	
Collected and Paid Treasurer..		\$7,933.75
Unsettled January 1, 1923.....		9,585.68
	<hr/>	<hr/>
	\$17,519.43	\$17,519.43

Water Service

Collected during 1922.....	\$105,200.50	
Paid Treasurer		\$105,200.50
	<hr/>	<hr/>
	\$105,200.50	\$105,200.50

Care of Oak Grove Cemetery

Collected during 1922.....	\$483.42	
Paid Treasurer		\$483.42
	<hr/>	<hr/>
	\$483.42	\$483.42

Costs

Taxes of 1922.....	\$817.70
Taxes of 1921.....	1,149.30

Taxes of 1920.....	1,441.59	
Taxes of 1919.....	7.60	
Taxes of 1917.....	.45	
Betterment Assessments	27.50	
Sewer Assessments	6.25	
Sewer Connection Assessments.	4.25	
Sidewalk Assessments	45.00	
Refund through Treasurer.....	.20	
Erroneously credited to Con-		\$.90
stables' Fees and Expenses		
Collected and Paid Treasurer..		3,498.94
	<hr/>	<hr/>
	\$3,499.84	\$3,499.84

Constables' Fees and Expenses

Transferred to Costs Account..	\$.90	
Collected during 1922.....	883.51	
Paid Treasurer		\$884.41
	<hr/>	<hr/>
	\$884.41	\$884.41

Miscellaneous Collections Credited to

Armory	\$900.00
Board of Survey	60.00
Bridges	33.43
Care of Oak Grove Cemetery...	3,918.90
City Debt	84.00
City Hall	25.18
City Home	2,073.11
Collecting Department Ex-	
penses	2.75
Collection of Ashes	833.20
Collection House Offal	4,125.00
Contagious Diseases	37.50
Electrical Department Expenses	26.33

Engineering Department Expenses	2,515.71	
Evening School	235.50	
Fulton Heights Schoolhouse...	3.00	
General Expense—Health Department	1,810.00	
General Expense—School Department	2,241.56	
General Repairs of Highways..	41.00	
Income from Trust Funds.....	770.71	
Insurance	211.16	
Interest	1,300.03	
Mayor's Miscellaneous Account	6.61	
Medford Purchasing Department Expenses	9.85	
Miscellaneous Credits	8,036.51	
Outside Relief	9,642.73	
Police Department Expenses...	200.00	
Public Library	894.41	
Retarded Pupils	280.68	
School Department—Repairs..	599.25	
Sewer Construction	1,379.72	
Sewer Maintenance	123.67	
Sidewalks and Edgestones—Maintenance	955.20	
Soldiers' Burial—Revenue ...	180.00	
Surface Drains Maintenance	10.00	
Tax Titles	826.34	
Textbooks and Supplies	2,351.26	
Trees	174.76	
Water Service	430.91	
Paid Treasurer		\$47,349.97
	<hr/>	<hr/>
	\$47,349.97	\$47,349.97

Interest

Taxes of 1922	\$1,310.38	
Taxes of 1921	15,042.13	
Taxes of 1920	5,844.13	
Taxes of 1919	13.61	
Taxes of 1917	1.08	
December Taxes 1921 .....	.40	
Sewer Assessments	33.79	
Sewer Apportionments—paid in advance	3.96	
Sewer Connections	11.99	
Sewer Connection Apportion- ments—paid in advance..	3.56	
Sidewalk Assessments	142.43	
Sidewalk Apportionments— paid in advance	9.65	
Betterment Assessments	145.02	
Paid Treasurer		\$22,562.13
	<hr/>	<hr/>
	\$22,562.13	\$22,562.13

Accrued Interest on Sewer Apportionments

Uncollected January 1, 1922 ..	\$17.84	
Warrants for 1922	45.47	
Collected 1922 Account and paid Treasurer		\$37.40
Collected 1921 Account and paid Treasurer		9.18
Collected 1920 account and paid Treasurer		8.66
Uncollected January 1, 1923..		8.07
	<hr/>	<hr/>
	\$63.31	\$63.31

Accrued Interest on Sewer Connection Apportionments

Uncollected January 1, 1922...	\$132.10
--------------------------------	----------

Warrant for 1922.....	319.59	
Collected 1922 Account and Paid Treasurer		\$169.27
Collected 1921 Account and Paid Treasurer		121.23
Collected 1920 Account and Paid Treasurer		4.73
Collected 1919 Account and Paid Treasurer .....		.66
Collected 1918 Account and Paid Treasurer .....		.44
Collected 1917 Account and Paid Treasurer .....		.23
Uncollected January 1, 1923..		155.13
	<hr/>	<hr/>
	\$451.69	\$451.69

Accrued Interest on Sewer Connections Added to Taxes

Uncollected January 1, 1922...	\$93.81	
Warrant for 1922	108.35	
Collected 1922 Account and Paid Treasurer		\$71.75
Collected 1921 Account and Paid Treasurer		61.64
Collected 1920 Account and Paid Treasurer		12.37
Uncollected January 1, 1923...		56.40
	<hr/>	<hr/>
	\$202.16	\$202.16

Accrued Interest on Sidewalk Apportionments

Uncollected January 1, 1922...	\$168.62	
Warrant for 1922	432.36	
Collected 1922 Account and Paid Treasurer		\$282.22

Collected 1921 Account and Paid Treasurer	109.06
Collected 1920 Account and Paid Treasurer	34.26
Erroneously credited to Better- ment Apportionment In- terest—1921	3.57
Uncollected January 1, 1923..	171.87
	<hr/>
	\$600.98
	<hr/>
	\$600.98

Accrued Interest on Betterment Apportionments

Uncollected January 1, 1922...	\$113.62	
Warrant for 1922.....	286.03	
Transferred to Sidewalk Ap- portionment Interest 1921.	3.57	
Collected 1922 Account and Paid Treasurer		\$208.45
Collected 1921 Account and Paid Treasurer		76.15
Collected 1920 Account and Paid Treasurer		25.08
Uncollected January 1, 1923..		93.54
	<hr/>	<hr/>
	\$403.22	\$403.22

Total Collections

Taxes	\$1,567,538.75
December Taxes	100.03
Sewer Assessments	4,563.62
Sewer Apportionments	478.01
Sewer Apportionments — paid in advance	145.12
Sewer Connections	3,354.55
Sewer Connection Apportion- ments	1,683.80

Sewer Connection Apportionments—paid in advance..	2,178.30
Sewer Connections added to Taxes	4,805.38
Sewer Construction—Special..	50.87
Sidewalk Assessments	4,786.94
Sidewalk Apportionments	2,124.48
Sidewalk Apportionments — paid in advance	384.88
Sidewalk Applications	5,607.63
Betterment Assessments	4,611.98
Betterment Apportionments ..	2,170.17
Interest on Taxes and Assessments	22,562.13
Costs on Taxes and Assessments	3,499.84
Constables' Fees and Expenses	883.51
Accrued Interest on Sewer Apportionments	55.24
Accrued Interest on Sewer Connection Apportionments ..	296.56
Accrued Interest on Sewer Connection added to taxes....	145.76
Accrued Interest on Sidewalk Apportionments	429.11
Accrued Interest on Betterment Apportionments	306.11
Water Connections	7,933.75
Water Service	105,200.50
Care of Oak Grove Cemetery..	483.42
Miscellaneous Collections	47,349.97
<hr/>	
Total Amount collections from January 1, 1922, to January 1, 1923	\$1,793,730.41

Uncollected

Taxes	\$544,938.34
December Taxes	230.32
Mosquito Assessments	3,481.72
Sewer Assessments	9,297.53
Sewer Apportionments	153.17
Sewer Connection Apportionments	854.58
Sewer Connections added to Taxes	1,953.09
Sewer Construction—Special ..	21.43
Sidewalk Assessments	2,282.86
Sidewalk Apportionments	840.48
Sidewalk Applications	2,656.35
Betterment Assessments	2,634.59
Betterment Apportionments...	503.12
Accrued Interest on Sewer Apportionments	8.07
Accrued Interest on Sewer Connection Apportionments..	155.13
Accrued Interest on Sewer Connections added to taxes...	56.40
Accrued Interest on Sidewalk Assessments	171.87
Accrued Interest on Betterment Assessments	93.54
Water Connections	9,585.68
Almshouse or City Home.....	88.30
City Debt	28.00
City Hall	39.05
Collection of Ashes	121.66
Collection of House Offal.....	875.00
Contagious Diseases	775.88
Engineering Department Expenses	28.60
Food Production and Conservation	178.25

Fulton Heights School.....	10.00
General Expense—Health De- partment	681.60
General Expense—School De- partment	437.00
General Repairs of Highways.	36.76
Gypsy and Brown Tail Moths..	179.18
Income from Estates taken for Taxes	22.50
Interest	1.47
Miscellaneous Credits	400.50
Outside Relief	8,486.88
Public Commons	18.00
Sewer Construction	1,350.48
Sewer Maintenance	608.36
Sidewalks and Edgestones Maintenance	1,844.50
Surface Drains	8.50
Textbooks and Supplies.....	100.00

Total amount uncollected Janu-
ary 1, 1923 \$596,238.74

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

Unsettled January 1, 1922....	\$182.87	
Collected during 1922.....	6,591.38	
Paid City		\$40.00
Paid Parties holding Titles....		6,714.97
Unsettled January 1, 1923.....		19.28
	<hr/>	<hr/>
	\$6,774.25	\$6,774.25

Respectfully submitted.

EDWARD W. HAYES,

City Collector.

Report of the Board of Survey

January 25, 1923.

Honorable Richard B. Coolidge,
Mayor, Medford, Mass.

Dear Sir:

The Board of Survey hereby submits its annual report
for the year 1922.

Financial Statement

Balance, January 1, 1922.....	\$244.78	
Appropriation	50.00	
Deposits of petitioners.....	60.00	
	<hr/>	\$354.78

Expenditures:

Engineering	\$38.96	
Advertising	20.25	
Stationery	1.61	60.82
Balance		293.96
		<hr/>
		\$354.78

There were ten called meetings and numerous conferences and field views have been held.

Plans, profiles and other data have been presented by four petitioners, and the locations, lines and grades of the following proposed streets have been approved.

STREET	FROM	TO
Cypress Rd.	Forest St.	Fellsway West
Wicklow Ave.	Central Ave.	S'ly end of existing street
Linwood St.	Central Ave.	S'ly end of existing street
Yeomans Ave.	Central Ave.	S'ly end of existing street
Hurlcroft Ave.	Wicklow Ave.	Linwood St.
Clewley Rd. (Ext.)	Gleason St.	Century Rd.
Symmes St.	Century Rd., N'ly	

One street, Edward Street (Ext.) is still in the hands of the Board, awaiting the setting of bounds by the owners.

Hearings on streets proposed for acceptance by the Board of Aldermen have been given, and locations, lines and grades of same have been approved.

STREET	FROM	TO
High St.	Harvard Ave.	Allston St.
Governors Ave.	Hall Rd.	N. side Valley St.
Hall Rd.	Forest St.	Governors Ave.
Second St.	Middlesex Ave.	Bradbury Ave.
Third St.	Middlesex Ave.	Bradbury Ave.
Barnard Rd.	Vernon St.	Woburn St.

There were several other streets in this class referred to the Board, but owing to a decision by the City Solicitor that the Board had no jurisdiction in these cases no hearings were given and the plans were sent direct to the Board of Aldermen by the City Engineer.

The Board recommends that a contour survey and plan be made of the undeveloped section of the city to enable them to decide more readily and practically as to the proper location of streets to fit the topography of these portions of the city. Such a plan will also be of great value to the Sewer Department and the Planning Board.

Mr. Leroy H. Robbins after nearly four years' services as chairman of the Board resigned and the members who

have been associated with him desire to place on record their appreciation of his services, his uniform courtesy and fairness to the public and to them.

Mr. Alexander C. Peters was appointed by the Mayor to fill the vacancy made by the resignation of Mr. Robbins and was confirmed by the Board of Aldermen on October 3, 1922.

Respectfully yours,

ALBERT W. TURNER,
EDWARD J. GAFFEY,
ALEXANDER C. PETERS,

Board of Survey.

FRED R. CHARNOCK,

Clerk.

Report of the Board of Assessors

January 1, 1923.

Honorable Richard B. Coolidge,
Mayor of the City of Medford.

Dear Sir:

We, the Board of Assessors, herewith submit our Annual Report for the year ending December 31, 1922.

Warrants have been received for the assessment of taxes in the City of Medford for the year 1922 as follows:

A State Warrant for the City of Medford's part of a State Tax under Chapter 543, Acts of 1922, of.....	\$86,760.00
A County Warrant for the Tax of Middlesex County for County purposes.....	55,112.88
A State Warrant for Metropolitan Sewer Tax, as provided in Chapter 92 of the General Laws	41,392.91
A State Warrant for the Metropolitan Park and Boulevard Tax, as provided in Chapter 92 of the General Laws.....	26,873.40
A State Warrant for the Charles River Basin Tax	4,002.69

A State Warrant for the cost of reconstruction and maintenance of the Wellington Bridge	4,876.73
A State Warrant for Fire Prevention Tax..	469.53
A State Warrant for State Highway Tax....	385.05
A State Warrant for Auditing Municipal Accounts	1,056.63
A City Warrant for Tax of City of Medford for City purposes.....	1,458,713.50
A Warrant for the abatement of Uncollected Taxes of 1919	164.64
For Overlay Account.....	14,428.40
	<hr/>
	\$1,694,236.36

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 \$35.00 per \$1,000 and the same was provided for as follows:

Income from Polls.....	\$24,324.00
From Real Estate at \$35 per \$1,000.....	1,414,990.50
From Personal Estate at \$35 per \$1,000....	113,590.75
From Credits, Income Tax from State.....	42,368.61
Income from School Fund, Chapter 363, General Acts 1919.....	44,775.00
Income from Corporation Tax.....	9,843.02
Income from Bank Tax.....	3,760.57
Boston Elevated Railway Company, part reimbursement	10,583.91
Available Cash	30,000.00
	<hr/>
	\$1,694,236.36

**Number of Polls and Valuation of the City by Wards,
April 1, 1922:**

		Polls	Personal Estate	Real Estate	
				Bldgs.	Land
Ward 1	....	1,656	\$198,150	\$3,803,750	\$1,289,700
Ward 2	....	1,572	235,250	3,275,700	1,522,750
Ward 3-1	....	1,028	1,500,150	5,036,500	3,225,350
Ward 3-2	....	314	21,800	577,250	475,150
Ward 4-1	....	934	187,250	2,249,750	871,000
Ward 4-2	....	854	57,300	1,592,750	555,750
Ward 5-1	....	1,160	140,650	3,307,400	802,850
Ward 5-2	....	1,626	119,050	3,002,550	897,400
Ward 6-1	....	1,463	306,050	3,975,600	1,976,800
Ward 6-2	....	747	178,050	2,792,750	687,650
Ward 7-1	....	329	76,700	647,500	401,350
Ward 7-2	....	554	225,050	1,736,100	829,750
<hr/>					
Total Assessed	12,237		\$3,245,450	\$31,997,600	\$13,535,500

Exempted Polls:

60 Veterans of the Civil War, exempted \$5.00 each .	\$300.
997 Veterans of the World War, exempted \$3.00 each	2,991.
102 Veterans of the Spanish War, exempted \$3.00 each	306.
15 Persons unable to pay, exempted \$5.00 each....	75
Total Assessed Personal Estate	\$3,245,450
Total Assessed Real Estate ...	45,533,100
	<hr/>
	\$48,778,550

Less City and Exempted Property (Churches,
etc.) 5,104,800

Total Taxable Property April 1, 1922	\$43,673,750
Number of Militia (between 18 and 45 years of age)	8,441
Number of Assessed Polls	12,237
Tax on each Poll	\$5.00
Number of Horses	163
Number of Cows	155

Number of Neat Cattle other than Cows	3
Number of Automobiles	2,628
Number of Motor Boats	92
Number of Dwelling Houses	6,860
Population as found by the Assessors April 1, 1922	40,997

Amount of Taxes committed to the Tax Collector for the year 1922:

Polls	\$57,513.00	
Personal Estate	113,590.75	
Real Estate	1,414,990.50	
Sewer Apportionments	534.33	
Sewer Apportionments Interest	45.47	
Betterment Apportionments ..	1,427.46	
Betterment Apportionments Interest	196.00	
Sidewalk Apportionments	1,908.20	
Sidewalk Apportionments Interest	381.39	
Sewer House Connection Apportionments	1,877.67	
Sewer House Connection Apportionments Interest	319.59	
		<hr/>
Total amount committed to Tax Collector in Original Warrants and added to Taxes of 1922		\$1,592,784.36
Taxes of 1922, Supplementary Warrants:		
Polls	\$520.00	
Personal	269.50	
		<hr/>
		\$789.50
		<hr/>
Total amount of Warrants committed to the Tax Collector in 1922		\$1,593,573.86

Value of Exempted Property

Literary Institutions	\$137,650
Benevolent Institutions	12,950
Charitable Institutions	34,300
Scientific Institutions	802,350
Houses of Religious Worship .	793,500
Commonwealth of Massachu- setts	40,400
Veterans of the Civil War ...	35,000
City of Medford	3,248,650

Total of Exempted Property .. \$5,104,800

Number of Residents assessed on Property:

Individuals	5,986
All others (firms, etc.) ...	1,697

Total 7,683

Number of Non-residents assessed on Property:

Individuals	1,203
All others	288

Total 1,491

Total number of Persons assessed on Prop-
erty 9,174

Number of Persons assessed for Poll Tax
only 7,652

Total number of Persons assessed on Prop-
erty and Polls 16,826

Abatements**Polls, Personal and Real Estate**

Poll Taxes for the year 1920	\$843.00
Real and Personal Taxes for the year 1920	102.81
Poll Taxes for the year 1921	254.00
Real and Personal Taxes for the year 1921	973.28
Poll Taxes for the year 1922 ..	2,827.00
Real and Personal Taxes for the year 1922 ..	5,304.25

APPORTIONMENTS

Apportionments of Main Sewer Assessments

On January 1, 1923, there are on the books of the Assessors, Sewer Apportionments amounting to \$1,991.46 to be added to taxes of future years by the Board of Assessors.

Apportionments of Sewer House Connection Assessments

On January 1, 1923, there are on the books of the Assessors, Sewer House Connection Apportionments amounting to \$4,845.07 to be added to taxes of future years by the Board of Assessors.

Apportionments of Sidewalk Assessments

On January 1, 1923, there are on the books of the Assessors, Sidewalk Apportionments amounting to \$4,450.79 to be added to taxes of future years by the Board of Assessors.

Sidewalk Apportionments made under Chapter 80, Sections 13 and 14 of General Laws, have been committed to the Collector, during the year 1922, amounting to \$2,814.60.

Apportionments of Betterment Assessments

On January 1, 1923, there are on the books of the Assessors, Betterment Apportionments amounting to \$2,063.51 to be added to taxes of future years by the Board of Assessors.

Betterment Apportionments made under Chapter 80 Sections 13 and 14 of General Laws, have been committed to the Collector, during the year 1922, amounting to \$3,363.12.

Respectfully submitted,

EDWARD S. RANDALL,

JOHN A. RICKER,

WALDO S. PLASTRIDGE,

Board of Assessors of the City of Medford.

Report of the Building Commissioner

Honorable Richard B. Coolidge, Mayor,
City of Medford, Massachusetts.

Dear Sir:

As required by the City Charter, I would submit the Annual Report of this Department for the year ending December 31, 1922.

The whole number of Applications for Building Permits was eight hundred and forty (840). The estimated cost of this work was three million, two hundred ten thousand, three hundred and thirty (3,210,330) dollars. Of the permits issued:—

114	were	for 1 family dwellings.
175	“ “	2 family dwellings.
370	“ “	private garages.
6	“ “	public garages.
119	“ “	additions and general repairs.
11	“ “	blocks of stores.
13	“ “	repairs after fire.
12	“ “	1 family changed to 2 family.
8	“ “	renewal of permits.
1	was	“ Manufacturing and Storage.
1	“ “	block of 5 stores and 5 apartments.
1	“ “	block of 32 apartments.
1	“ “	theatre.
1	“ “	school building.
1	“ “	hospital.
1	“ “	service building for hospital.
1	“ “	large greenhouse.
4	were	“ filling stations.

840—Total Permits Issued.

Permits by Wards

Ward 1	146
Ward 2	115
Ward 3	164
Ward 4	93
Ward 5	149
Ward 6	120
Ward 7	53

During the month of April, I inspected all the lodging houses, dormitories and hotels in the City, and reported the condition of each to the Department of Public Safety as required by Section 23 and 33 of Chapter 104 of the Revised Laws of 1890; also, during the year, I have inspected one passenger elevator and seventeen freight elevators and sent reports on the same to the Department of Public Safety as required by the Elevator Regulations of the Department of Public Safety.

Respectfully submitted,

FRANK B. BLODGETT,

Building Commissioner.

Civil Service and Registration

Hon. Richard B. Coolidge, Mayor,
Medford, Mass.

Dear Sir:—

I have the honor to submit to you the first annual report of the Local Office of Civil Service Registration, which was established in this City on January 15th, 1922.

The purpose of this office is for the registration of applicants for service as laborers; skilled laborers; mechanics and craftsmen in the several departments of the city. On receiving these applications it is necessary for the Clerk to examine the same and correspond with all references given so as to find out if applicant in question qualifies. Each application calls for considerable correspondence; for example, when a department requisitions for men they send their request to the Commission, and they in turn send list of qualified men to the Department making requisition and a copy of same is sent to this office for filing purposes and reference. When selection is made the Department making requisition notifies Commission of same and record of same is sent to this office.

In addition to applications for above class many other applications for Civil Service are received in this office and forwarded to the Commission at the State House.

An alphabetical card index is kept of all applicants giving information as to their qualifications and the original applications are kept on file in this office.

The total number of applications filed in this office for the year 1922 was 203, of which 152 pertained to this office and 51 applications were forwarded to the Commission.

Respectfully yours,

GEORGE E. McPECK,
Local Clerk, Civil Service Registration.

Report of the City Clerk

January 17, 1923.

To the Honorable the Mayor and the Board of Aldermen,

Medford, Massachusetts.

Gentlemen:

Annual Report of City Clerk, 1922

I attach herewith an itemized and detailed report of the fees collected in this office for the year 1922.

I have on file receipts by months from the City Collector which total \$1374.19.

The Board of Aldermen held 24 regular, 5 regular adjourned and 5 special meetings, a total of 34 as compared with a total of 46 for 1921.

The number of deaths recorded for 1922 was 495*.

The number of births as per canvassers' reports for the year 1921 was 1149*.

Respectfully submitted,

CHARLES A. WINSLOW,

City Clerk.

*—Decrease.

Receipts

Marriage Intentions filed, 472.....	\$472.00
Mortgage Records filed, 350.....	559.20
Copy of Records, 76.....	39.00
Registration of Physicians, 3.....	.75
Registration of Optometrists, 1.....	.50
Fees for Dog Licenses, 1167 @ \$.20.....	233.40
Fees for Hunting and Fishing Licenses, 328 @ \$.15	49.20
Miscellaneous Items, 56.....	14.25
Interest on Deposit	5.89
	<hr/>
	\$1,374.19

Report of the Chief of Fire Department

Medford, Mass., February 9, 1923.

Honorable Richard B. Coolidge,

Mayor, Medford, Massachusetts.

Dear Sir:

As required by Section 31 of the revised charter, I submit to you the following report of the Fire Department for the year ending December 31, 1922.

Number of Alarms

The past year has been one of activity for this department, an unusually great number of alarms, 532 in all, having been answered.

Morale

The response of the members to the duties required of them has been eminently satisfactory in every way, and is worthy of commendation at this time.

Two Platoon System

The two platoon system, which went into effect February 1, 1921, has now been in operation two years and has

proven satisfactory to the operation of the department, and has materially increased its efficiency.

Fire Loss

Out of the fire loss for the year, totalling \$173,853.00, it might be worthy to note that \$69,743.00 was entailed at the West Medford Garage fire on March 21, 1922. This property was doomed before the alarm was given as evidenced by the fact that when the first piece of apparatus arrived, which is located opposite, they were unable to enter the building. In addition to immediately sounding a second alarm, it was necessary to summon assistance from Arlington to protect the closely adjoining property.

Repair Shop

The repair shop, which is now fully equipped with machinery and tools and under the supervision of the mechanic of the department, has proven of great value on many occasions, and is indispensable.

Hose Requirements

Good hose is one of the great essentials to good fire protection. We have on hand 7900 feet of 2½-inch hose, double jacket, in good condition. This is not sufficient for our needs and does not meet the recommendation of the National Board of Fire Underwriters, which should be 11,000 feet. My recommendation now before you for 3,000 feet of 2½-inch hose, double jacket, is earnestly requested.

New Pumping Engine

In December, 1922, the department put into service another new Pumping Engine, of the Seagrave Centrifugal type of 750 gallons capacity, also equipped with a 40-gallon

chemical tank. This was placed in service as Engine 2 at West Medford, replacing old Hose 2. This addition complies with the recent survey and recommendation made by the National Board of Fire Underwriters.

Condition of Equipment

The general equipment of the department is in good condition with the possible exception of the pump on Engine 4, which appears to indicate that before long it will require overhauling.

Condition of Buildings

The condition of the department buildings are substantially the same as indicated in my inventory report to you January 1, 1923. Regarding the Salem Street Station, which houses Hose 3 and Ladder 2, better sleeping quarters should be provided, as per plans and estimates made by the Building Commissioner in 1922, and submitted to the Board of Aldermen.

Salaries of Firemen

Appropriation	\$124,467.86
Transferred from the account of "Interest" to the account of Salaries of Firemen	3,500.00
	<hr/>
	\$127,967.86
Expended	\$127,124.84
Transferred to Ordinary Expenses	350.00
Balance	493.02
	<hr/>
	\$127,967.86

Ordinary Expenses

Appropriation	\$11,000.00
Transferred from Salaries of Firemen to Ordinary Expenses of Fire Department	350.00
	<hr/>
	\$11,350.00
Expended	11,348.42
	<hr/>
Balance	1.58
	<hr/>
	\$11,350.00

ORGANIZATION

FIRE HEADQUARTERS

Chief of Department
Deputy Chief
Mechanician

Engine One	Engine Two	Ladder One
1 Captain	1 Captain	1 Captain
1 Lieutenant	1 Lieutenant	1 Lieutenant
8 Privates	8 Privates	8 Privates

SALEM STREET STATION

Hose Three

1 Captain
1 Lieutenant
6 Privates

Engine Four	Ladder Two	Hose Five
1 Captain	1 Captain	1 Captain
1 Lieutenant	1 Lieutenant	1 Lieutenant
8 Privates	8 Privates	6 Privates

APPARATUS IN SERVICE

Fire Headquarters

One Pumping Engine and tender equipped with 40 gallon chemical tank and 200 feet of chemical hose, 1,000 feet of 2½-inch hose each.

One City Service Hook and Ladder truck with 430 feet of ladders with 40-gallon chemical tank and 250 feet of chemical hose, four (4) rubber covers.

One spare Combination chemical and hose truck formerly at West Medford.

One small truck for grass and woods fires.

One Chief's car, Roadster, Touring car for Deputy Chief.

One steam fire engine.

Salem Street Station

One City Service Ladder truck with 242 feet of ladders, a 40-gallon chemical tank, 250 feet of chemical hose and 4 rubber covers.

One hose and chemical truck with 40-gallon chemical tank, 250 feet of chemical hose, one 30-foot extension, one 16-foot roof ladder, 1000 feet of 2½-inch hose.

One two-horse pump.

Spring Street Station

One triple Combination 600-gallon pumping engine, 1,000 feet of 2½-inch hose, 40-gallon chemical tank and 200 feet of chemical hose.

Harvard Avenue Station

One triple combination 750-gallon pumping engine, 1,000 feet of 2½-inch hose, 40-gallon chemical tank with 200 feet of chemical hose.

Medford Street Station

One Hose and Chemical truck with 1,200 feet of 2½-inch hose, 40-gallon chemical tank with 200 feet of chemical hose.

DEPARTMENTAL TOTALS FOR YEAR 1922

Total Alarms.....	532
Bell Alarms	260
Still Alarms	272
Hose Used	75,090 Ft.
Chemicals Used	5,304 Gals.
Foamite Used	27 Gals.
Ladders Used	2,686 Ft.
Miles Traveled	3,595

Out of Quarters. 849 hours, 57 minutes.

Somerville Boxes answered, 36.

Arlington Boxes answered, 2.

Medford Boxes answered by Somerville, 39.

Company Totals for Year 1922

	Bells	Still	Hose	Chem.	Lad.	Miles	Hours Out
Engine One ...	237	21	17,640	212 gals.	...	576.9	164.13
			Foamite	12 gals.	Tender	372	
Hose Two	81	72	13,400	540	180	321.7	105.11
Covered	20	Arlington 2					
Hose Three	229	62	15,400	1123		778.4	176.50
Covered	30						
Engine Four ..	127	40	16,100	697		370.6	103.10
Covered	5			Foamite	12 gals.		
Hose Five	114	58	12,650	928	131	522.4	144.16
Covered	47	Som. 36		Foamite	3 gals.		
Ladder One ...	153	12	1 Pyrene	593	1104	323.7	61.32
Ladder Two ...	125	7		1211	1271	329.1	94.45
Covered	40						

Property at Risk and Fire Loss 1922

Value of Buildings	\$308,827.50
Insurance on buildings	282,327.50
Insurance Paid	80,805.61

Value of Contents	\$146,912.15
Insurance on Contents	97,762.15
Insurance Paid on contents	32,944.60
Uninsured Loss	2,691.00

Value of Automobiles	\$69,820.90
Insurance on Automobiles	60,089.90
Insurance Paid on Automobiles	51,187.40
Uninsured Loss on Automobiles	6,225.00

Total Property at Risk	\$525,560.55
Total Insurance	440,179.55
Total Insurance Paid	164,937.61
Total Uninsured Loss	8,916.00

Fires and Alarms as They Occurred

Jan. 1, 9.15 P. M., Box 621. Cause: Dump fire; Bowdoin St.

Jan. 1, 11.22 P. M., Box 35. Fire in shack under shed owned by New England Brick Co., Riverside Ave. Cause: Unknown.

Jan. 2, 12.38 A. M., Telephone. Rekindling of above fire.

Jan. 3, 6.04 P. M., Box 312. Fire in house 9-11 Emerald St., owned and occupied by J. J. Driscoll and others. Value \$10,200. Insurance \$7,000. Insurance paid \$5,505. Cause: Careless use of matches in closet.

Jan. 3, 12.00 P. M., Box 323. Fire in store 450 Salem St., owned by Sarah Gould; occupant, James Souhlaris. Value \$10,500. Insurance \$8,500. Insurance paid \$1,036. Uninsured loss \$385. Cause: Overheated furnace pipe.

Jan. 4, 8.33 A. M., Box 411. Fire in cellar of house 32 Maple Ave. Owned by J. Gilchrist. Cause: Kindling wood piled too near heater.

Jan. 5, 12.59 A. M., Box 621. Fire in house 98 Princeton St. Owned by Peter Caporale; occupied by same and others. Value \$8,700. Insurance \$3,000. Insurance paid \$60. Uninsured loss \$50. Cause: Hot iron set fire to bed.

Jan. 5, 7.46 A. M., Box 244. Fire in house 94 Walsh St. Owned by A. J. Cunningham; occupant, J. J. Campbell. Value \$1,100. Insurance \$1,500. Insurance paid \$260. Cause: Overheated stove pipe.

Jan. 7, 1.45 P. M., Box 55. Fire in house 20 Hastings Lane. Owned and occupied by H. R. Simonds. Value \$6,000. Insurance \$4,700. Insurance paid \$3,630. Cause: Spark from chimney on roof.

Jan. 7, 8.30 P. M.; Telephone. Auburn St. dump.

Jan. 8, 4.20 P. M. Telephone. Smoking oil heater in store at 20 Riverside Ave.

Jan. 10, 12.04 P. M., Box 243. Fire in Ford Truck on

Barrett St., owned by John Dillon. Cause: Fire in wash boiler full of oakum.

Jan. 11, 10.40 A. M., Box 36. Fire in office of American Acid Co., Wellington. Value \$1,989.65. Insurance \$1,989.65. Insurance paid \$1,989.65. Cause: Careless dropping of cigarette.

Jan. 11, 6.58 P. M., Box 29. Fire in house 56 Cherry St. Owned by C. B. Harrington; occupied by same and others. Value \$6,500. Insurance \$5,500. Insurance paid \$246. Cause: Spontaneous combustion.

Jan. 12, 1.19 A. M., Box 244. Fire in automobile at Amazeen Sq., owned by R. W. Emerson. Value \$400. Insurance \$400. Insurance paid \$400. Cause: Short circuit from battery.

Jan. 17, 9.26 A. M., Box 31. Fire at 456 Salem St. Owned by Sarah Gould. Cause: Pail of tar on roof.

Jan. 17, 9.55 P. M., Box 73. False Alarm.

Jan. 18, 11.23 P. M., Box 39. Fire in house 28 Cushing St., owned by Mrs. Louise Lane; occupied by same and others. Value \$10,200. Insurance \$7,500. Insurance paid \$1,668. Cause: Spark in rubbish barrel.

Jan 19, 5.59 P. M., Box 252. Fire in house 197 Sheridan Ave. Owned by S. H. Guptill. Caused by plumber's candle.

Jan. 22. 11.52 P. M., Box 28. Fire in house 11 Hadley Place. Owned and occupied by Pillagrino Piccarello. Value \$5,000. Insurance \$3,400. Insurance paid \$1,275. Cause: Unknown.

Jan. 23, 1.30 A. M., Telephone. Rekindling of above fire.

Jan. 25, 1.20 P. M., Box 314. Fire in house 188-190 Fellsway West. Owned and occupied by Margaret Kelly and others. Value \$11,100. Insurance \$10,000. Insurance paid \$1,710. Cause: Hot ashes in basket.

Jan. 26, 9.12 A. M., Box 71. Fire in house 102 Bow St. Owner by Lorenzo Panzica; occupied by same and others. Value \$4,200. Insurance \$3,500. Insurance paid \$2,650. Uninsured loss \$100. Cause: Thawing of water pipes.

Jan. 29, 6.29 P. M., Box 29. Needless alarm.

Jan. 30, 10.56 P. M. Telephone, dump, Riverside Ave. and Fellsway.

Feb. 3, 5.03 A. M., Box 71. Fire in block 559-565 Main St. Owned by H. Finklestein; occupied by Frank Abbedessa. Value \$15,500. Insurance \$8,400. Insurance paid \$1,173. Cause: Careless use of matches in cellar.

Feb. 3, 8.10 P. M., Box 15. Carriage factory. Owned by W. F. Lacey, Mystic Ave. Cause: Spark from boiler in shavings.

Feb. 4, 8.40 P. M., Box 751. Needless alarm.

Feb. 5, 10.00 P. M. False telephone call.

Feb. 7, 11.08 A. M., Box 74. Fire in house 65 Winchester St. Owned and occupied by H. A. Bears and others. Value \$8,000. Insurance \$4,500. Insurance paid \$1,885. Uninsured loss \$200. Cause: Cloth hung on line behind stove.

Feb. 7, 3.30 P. M., Box 253. Fire in old Boulevard Theatre. Cause: Set by some person unknown.

Feb. 8, 1.47 P. M., Box 244. Fire in house 42 Ames St. Owned and occupied by P. J. Bishop. Value \$3,800. Insurance \$3,500. Insurance paid \$57. Cause: Rubbish in cellar.

Feb. 8, 8.40 P. M. Telephone. Auto truck on Mystic Ave.

Feb. 9, 3.55 P. M. Telephone. Grass fire Casey's Field, Main St.

Feb. 11, 12.30 P. M., Box 63. Fire in house 11 Yale St. Owned by James B. Iacuzio; occupied by same and others. Value \$20,000. Insurance \$15,500. Insurance paid \$4,950. Cause: Hot ashes in wooden barrel.

Feb. 15, 11.40 A. M. Telephone. Smoking stove at Grand Army Hall.

Feb. 15, 8.04 P. M., Box 612. Fire in house 11 James St. Owned by G. A. Evans Estate. Occupied by L. J. O'Donnell. Value \$300. Insurance \$500. Insurance paid \$200. Cause: Oil heater set fire to bed clothes.

Feb. 16, 5.08 A. M., Box 71. Fire in house 604 Main St.

Owned by A. F. DeScenza; occupied by same and others. Value \$13,300. Insurance \$11,000. Insurance paid \$1,545. Uninsured loss \$300. Cause: Hot ashes in wooden barrel.

Feb. 16, 5.23 P. M., Box 73. False alarm.

Feb. 17, 5.02 P. M., Box 64. Fire in house, 122 Mystic Ave., owned by S. E. Zinda. Value \$3,800. Insurance \$4,000. Insurance paid \$10. Cause: Fire in clothes on line over stove.

Feb. 17, 6.56 P. M., Box 251. Fire in cellar at 257 Fulton St. Owned by Edward Sweetman. Value \$1,000. Insurance \$1,000. Insurance paid \$10. Cause: Lamp dropped down cellar stairs.

Feb. 18, 5.58 P. M., Box 71. Fire in rear of 591 Main St. Owned by G. Vernazzaro. Value \$500. Insurance \$500. Insurance paid \$225. Cause: Overheated stove.

Feb. 19, 6.07 P. M., Box 25. False alarm.

Feb. 21, 2.05 P. M., Box 243. Fire in shed on Saunders St.

Feb. 21, 9.23 P. M., Box 61. Fire in house at Stearns Estate. Owned by Tufts College. Value \$15,000. Insurance \$10,000. Insurance paid \$10,000. Cause: Unknown.

Feb. 21, 10.07 P. M., Box 413. Fire above fire.

Feb. 22, 6.19 A. M., Box 46. Fire in house 18 Kilgore Ave. Owned and occupied by B. E. Reardon. Value \$6,800. Insurance \$7,000. Insurance paid \$1,366.45. Cause: Spontaneous combustion.

Feb. 22, 2.15 P. M., Box 75. Needless alarm at 246 Harvard St.

Feb. 24, 10.51 A. M., Box 35. Fire in house 22 Rockwell Ave. Owned and occupied by Ralph Jordon. Value \$3,000. Insurance \$3,800. Insurance paid \$142. Cause: Spark from pipe in closet.

Feb. 24, 10.48 A. M. Telephone. 22 Rockwell Ave.

Feb. 24, 7.56 P. M. Telephone for fire at 55 Cushing St.

Feb. 24, 7.58 P. M., Box 39. Fire in house at 55 Cushing St. Owned and occupied by W. E. Barrows. Value

\$3,000. Insurance \$2,000. Insurance paid \$31. Cause: Match set fire to table cloth.

Mar. 3, 6.20 P. M. Telephone. Smoking chimney at 138 Woburn St.

Mar. 4, 11.20 P. M., Box 323. Fire in block 428 Salem St. Owned by Ephriam Stone; occupied by Calogero Bella. Value \$13,000. Insurance \$10,000. Insurance paid \$1,039. Cause: Cigarette in rubbish box.

Mar. 7, 3.20 A. M.; Box 63. Fire in automobile at Tufts Sp. Owned by Alfred Hutchison. Value \$1250. Insurance \$1350. Insurance paid \$900. Cause: Cigarette dropped behind cushion.

Mar. 7, 8.24 P. M., Box 18. Electric wire Governors Ave.

Mar. 8, 3.33 P. M. Telephone. Pump house Brooks Estate.

Mar. 8, 9.28 P. M., Box 31. Fire in block 427-435 Salem St. Owned by R. Goldman. Value \$29,100. Insurance \$23,000. Insurance paid \$4,299. Cause: Spark from furnace in rubbish pile.

Mar. 8, 9.31 P. M., Box 323. For above fire.

Mar. 9, 5.00 P. M. Telephone. Grass fire on North St.

Mar. 9, 6.55 P. M., Box 71. False alarm.

Mar. 10, 6.14 P. M., Box 244. Fire in house, Gaston St. Owned and occupied by Mrs. Woods. Value \$2,300. Insurance \$2,500. Insurance paid \$2,300. Cause: Oil heater exploded.

Mar. 10, 6.38 P. M., Box 33. False alarm.

Mar. 11, 2.24 P. M., Box 29. Fire in house 154 Grant Ave. Owned and occupied by John J. Griffon. Value \$7,500. Insurance \$7,500. Insurance paid \$77.50. Cause: Spark from pipe on cot bed.

Mar. 12, 1.12 P. M., Box 72. Fire in house 7 Higgins Ave. Owned and occupied by H. A. Gaffney. Value \$4,000. Insurance \$4,000. Insurance paid \$78. Cause: Candle used while repairing leaking pipe.

Mar. 12, 2.32 P. M., Box 242. Grass fire Love Lane.

- Mar. 12, 2.48 P. M., Box 43. Grass fire Hillsdale Road.
- Mar. 13, 2.52 P. M., Box 251. Grass fire Child's Grove.
- Mar. 13, 3.30 P. M. Telephone. Grass fire Border Road.
- Mar. 13, 6.20 P. M. Telephone. Dump fire Riverside Ave.
- Mar. 14, 5.10 P. M. Telephone. Dump, Riverside Ave.
- Mar. 15, 1.45 P. M. Telephone. Grass fire Carolina Ave.
- Mar. 15, 1.45 P. M. Telephone. Grass fire, Carolina Ave.
- Mar. 15, 8.25 P. M., Box 75. False alarm.
- Mar. 15, 10.29 P. M. Telephone. Chimney fire, 13 Newbern Ave.
- Mar. 16, 12.15 P. M., Box 47. Spark from locomotive on roof of barn near 464 High St.
- Mar. 16, 2.52 P. M., Box 244. Grass fire on Elm St.
- Mar. 16, 9.50 P. M., Box 13. Fire in block, corner High and Forest Sts. Occupied by Medford Sq. Market. Value \$5,000. Insurance \$3,000. Insurance paid \$200. Cause: Spontaneous combustion in painters' rags.
- Mar. 17, 2.52 P. M., Box 361. Grass fire on Fellsway, near railroad tracks.
- Mar. 17, 3.25 P. M. Telephone. Grass fire on Fells Ave.
- Mar. 18, 11.56 A. M. Telephone. Grass fire, Sixth St.
- Mar. 18, 3.25 P. M. Telephone. Grass fire in Oakland Park.
- Mar. 18, 3.25 P. M. Telephone. Grass fire, Willis Ave.
- Mar. 18, 5.12 P. M., Box 51. Fire on roof of house, 2 Canal St. Owned by A. Gamage; occupied by Thomas Hutchinson. Value \$4,900. Insurance \$2,900. Insurance paid \$110. Cause: Spark from chimney.
- Mar. 18, 9.20 P. M. Telephone. North St. Dump.
- Mar. 19, 5.34 A. M., Box 31. Fire in house, 85-87 Fellsway West. Owned by J. A. & F. A. Walker; occupied by J. E. Cosgrove and others. Value \$15,750. Insurance \$11,-

000. Insurance paid \$1,586. Uninsured loss \$50. Cause: Rubbish barrel in cellar.

Mar. 19, 11.32 A. M. Telephone. Grass fire at Poole St.

Mar. 19, 12.09 P. M. Telephone. Grass fire, Second St.

Mar. 19, 12.15 P. M. Telephone. Grass fire, Fellsway and Second St.

Mar. 19, 1.05 P. M. Telephone. Grass fire, Elm & Forest Sts.

Mar. 19, 1.42 P. M., Box 422. Grass fire on Cotting St.

Mar. 19, 3.05 P. M., Box 353. Grass fire, Carolina Ave.

Mar. 19, 5.20 P. M. Telephone. Grass fire, 25 Spring St.

Mar. 19, 6.25 P. M. Telephone. Brush fire, Highland Ave.

Mar. 19, 6.45 P. M. Telephone. Grass fire near 312 Riverside Ave.

Mar. 21, 3.23 A. M., Box 47. Fire in garage, 27-29 Harvard Ave. Owned by A. E. Kenney; occupied by Frank Carrell. Value \$80,220.90. Insurance \$67,989.90. Insurance paid \$63,667.90. Uninsured loss \$6,075. Cause: Unknown.

Mar. 23, 12.14 P. M., Box 76. Grass fire, Main St., opp. Marion.

Mar. 23, 3.17 P. M., Box 39. Grass fire, Abbott St.

Mar. 23, 7.28 P. M., Box 244. Brush fire, off Elm St.

Mar. 23, 7.48 P. M. Telephone. Auburn St. Dump.

Mar. 23, 9.07 P. M., Box 76. Fire in house, 9 Mayberry Ave. Owned by Angelina Sacco; occupied by same and others. Value \$8,000. Insurance \$7,000. Insurance paid \$1,375. Cause: Little girl looking in closet with match.

Mar. 23, 10.53 P. M. Telephone. Grass fire, Brooks Estate.

Mar. 24, 11.10 A. M. Telephone. Grass fire, Wolcott St.

Mar. 24, 11.23 A. M., Box 55. Grass fire on Rock Hill.

Mar. 24, 11.24 A. M. Telephone. Brush fire, Summit Road.

Mar. 24, 11.30 A. M. Telephone. Grass fire off Governors Ave.

Mar. 24, 11.42 A. M., Box 58. Grass fire off Governors Ave.

Mar. 24, 12.15 P. M. Telephone. Grass fire, Brooks Estate.

Mar. 24, 2.04 P. M., Box 71. Grass fire, rear 551 Main St.

Mar. 25, 11.08 A. M., Box 325. Grass fire, Logan Park.

Mar. 26, 10.47 A. M. Telephone. Brush fire, Fellsway East and Highland Ave.

Mar. 26, 11.09 A. M., Box 241. Grass fire, opp. Valley St., on Forest.

Mar. 26, 11.35 A. M. Telephone. Grass fire, Adams St.

Mar. 26, 12.04 P. M. Telephone. Grass fire, Tyler Ave.

Mar. 26, 12.05 P. M. Telephone. Grass fire, Winchester Line.

Mar. 26, 12.21 P. M. Telephone. Brush fire, Fulton St.

Mar. 26, 12.25 P. M. Telephone. 318 Salem St.

Mar. 26, 12.30 P. M. Telephone. Grass fire, B. & M. R. R., W. Medford.

Mar. 26, 1.09 P. M., Box 621. Fence fire, rear 83 Bowdoin St.

Mar. 26, 2.46 P. M., Box 18. Grass fire, Governors Ave.

Mar. 26, 3.04 P. M. Telephone. Grass fire, Massachusetts Ave.

Mar. 26, 3.55 P. M. Telephone. Grass fire, Middlesex Ave.

Mar. 26, 5.50 P. M. Telephone. Grass fire, Hillsdale Road.

Mar. 27, 6.01 P. M., Box 31. Fire in house, 132 Fellsway West. Owned by Winchester Improvement Association; occupied by H. A. Gates. Value \$2,000. Insurance. Cause: Boys smoking in cellar.

Mar. 27, 6.01 P. M., Box 26. For above fire.

Mar. 27, 6.01 P. M., Box 323. For above fire.

Mar. 29, 1.22 P. M., Box 413. Grass fire, near Dame School.

Mar. 29, 3.14 P. M. Telephone. Grass fire at Golf Links.

Mar. 30, 1.35 P. M. Telephone. Grass fire, near Grove St. Bridge.

Mar. 30, 5.13 P. M. Telephone. Grass fire, Casey's Field, Main St.

April 2, 6.44 P. M., Box 17. False alarm.

April 2, 8.48 P. M., Box 35. Fire in house at 12 Linden St. Owned by Angelo Franze; occupied by Vincent Tranni. Value \$2,000. Insurance \$2,000. Insurance paid \$923.50. Cause: Boy looking in closet with match.

April 2, 8.30 P. M. Telephone. Grass fire, 463 High St.

April 3, 6.15 P. M., Box 73. Fire in house, 14 Edward St. Owned by Manuel Amarel. No damage.

April 5, 5.12 P. M., Box 252. Grass fire, Fellsway West, opposite Paris St.

April 5, 6.40 P. M., Box 27. Fire in house, 7 Dudley St.

April 5, 7.47 P. M., Box 74. Grass fire near railroad on Morton Ave.

April 6, 7.12 A. M., Box 76. Fire in automobile, rear of 450 Main St. Owned by James Covell. Value \$600. Insurance \$600. Insurance paid \$300. Cause: Back fire.

April 6, 2.25 P. M. Telephone. Grass fire, 389 Park St.

April 6, 5.42 P. M. Telephone. Brush, Half-Mile Road.

April 6, 8.23 P. M. Telephone. Auburn St. Dump.

April 8, 12.09 P. M. Telephone. Brush fire, Summit Rd.

April 9, 1.06 P. M. Telephone. Grass fire, Fulton St. and Fellsway.

April 10, 12.25 P. M. Telephone. Grass fire, 158 Main St.

April 10, 2.33 P. M. Telephone. Grass fire, Billings Ave.

April 10, 2.03 P. M. Telephone. Grass.

April 11, 11.07 A. M., Box 353. Fire in house, 16 Foster Ct. Owned and occupied by C. E. Wells. Value \$1,700. Insurance \$1,700. Insurance paid \$200. Cause: Grass fire.

April 13, 5.35 P. M. Telephone. Grass fire, Fulton St. Ball Grounds.

April 13, 9.02 P. M., Box 461. False alarm.

April 14, 6.16 A. M., Box 72. Fire in automobile, rear 13 Sumner Ave. Owned by Samuel Cohen. No damage.

April 14, 7.48 A. M. Telephone. Grass fire, Sherman Place.

April 14, 10.33 A. M., Box 251. Grass fire, Fulton St.

April 14, 10.50 A. M. Telephone. Grass fire, 42 Otis St.

April 14, 11.25 A. M. Telephone. Grass fire, Brooks Estate.

April 14, 11.28 A. M. Telephone. Grass fire, Border Road.

April 14, 12.24 P. M. Telephone. Grass fire, Bow St.

April 14, 3.42 P. M. Telephone. Brush fire, Poole St.

April 14, 6.30 P. M. Telephone. Grass fire, Grove St. Bridge.

April 15, 2.07 A. M., Box 53. Needless alarm.

April 16, 6.09 P. M. Telephone. Grass fire, Governors Ave.

April 16, 6.30 P. M., Box 58. Grass fire, Golf Links.

April 16, 7.24 P. M., Box 244. False alarm.

April 16, 7.59 P. M., Box 74. False alarm.

April 16, 9.50 P. M., Box 314. Cause: Gasoline burning in street.

April 17, 11.29 P. M. Telephone. Grass fire, 73 Spring St.

April 17, 12.03 P. M., Box 751. Fire in coal yard, corner Boston Ave. and Harvard Sts. Owned by N. E. T. & T. Co.

April 17, 12.20 P. M. Telephone. Grass fire, Fern Road.

- April 17, 1.11 P. M. Telephone. Grass fire, Second St.
April 17, 9.25 P. M. Telephone. Rubbish, Ashland St.
April 18, 5.19 P. M., Box 58. Brush fire, off Governors Ave.
April 18, 8.07 P. M., Box 53. Fire in automobile on Mystic St. Owned by Cyrus Wolfer. Value \$200. Insurance none. Non-insurance Loss \$25. Cause: Man lighting match to see to put gasoline in tank.
April 19, 12.19 P. M., Box 64. False alarm.
April 20, 10.04 P. M. Telephone. Grass fire.
April 20, 11.43 P. M., Box 45. False alarm.
April 21, 5.55 A. M., Box 45. Fire in automobile on Harvard Ave. Owned by Hotel & Railroad News Co. Value \$800. Insurance \$800. Insurance paid \$120.50. Cause: Back fire.
April 21, 11.40 A. M., Box 29. False alarm.
April 21, 1.40 P. M. Telephone. Grass fire, 46 George St.
April 22, 8.14 A. M. Telephone. Grass fire, Bowen Ave.
April 22, 9.15 A. M. Telephone. Grass fire on Boston Ave. and Parkway.
April 22, 10.46 A. M. Telephone. Grass fire, Valley and Forest Sts.
April 22, 10.53 A. M. Telephone. Grass fire, Combination Park.
April 22, 6.40 P. M. Telephone. Brush fire, Second St.
April 23, 11.24 A. M., Box 35. Grass fire, Locust St.
April 23, 1.10 P. M. Telephone. Fire on pole, B. & M. R. R., Grove St.
April 23, 2.22 P. M. Telephone. Brush fire, Highland Ave.
April 24, 8.38 A. M., Box 461. Grass fire, Tyler Ave.
April 24, 2.25 P. M. Telephone. Grass fire, Piggott Road.
April 24, 3.08 P. M. Telephone. Brush fire, Lawrence Woods.

April 24, 4.11 P. M. Telephone. Grass fire, Piggott Road.

April 24, 5.16 P. M., Box 244. Grass fire, Wrights Pond.

April 24, 11.03 P. M. Telephone. Brush fire, Half-Mile Road.

April 25, 11.34 A. M. Telephone. Grass fire, Second St.

April 25, 2.20 P. M. Telephone. Grass fire, Gleason St.

April 25, 3.23 P. M. Telephone. Grass fire, Forest St.

April 25, 3.55 P. M. Telephone. Grass fire, Hancock St.

April 25, 6.01 P. M. Telephone. Brush fire, Elm St.

April 25, 6.30 P. M. Telephone. Fire in sleepers, Gibson St.

April 25, 8.55 P. M. Telephone. Rubbish, Alexander Ave.

April 25, 10.16 P. M., Box 72. Fire on roof of House, 563 Broadway, Somerville.

April 26, 1.42 P. M. Telephone. Grass fire, Boston Ave.

April 26, 3.30 P. M. Telephone. Brush fire, Lawrence Estate.

April 26, 4.05 P. M., Box 244. Brush fire, Highland Ave.

April 27, 4.04 P. M., Box 252. Fire in automobile at 71 Paris St. Owned by J. J. Hanlon. Value \$450. Insurance \$450. Insurance paid \$300. Cause: Short circuit in wires.

April 28, 8.35 A. M. Telephone. Grass fire, 10 Almont St.

April 28, 10.05 A. M. Telephone. Grass fire, Oak Bluffs.

April 28, 1.50 P. M. Telephone. Grass fire, Windsor Road.

April 28, 3.13 P. M. Box 325. False alarm.

April 28, 4.47 P. M. Telephone. Brush fire off Border Road.

April 28, 4 58 P. M. Telephone. Grass fire, Kenmere Road.

April 28, 9.17 P. M. Telephone. House, Harrison St. No damage.

April 28, 9.30 P. M. Telephone. Blackstone Market, corner Harvard Ave. No damage.

April 29, 10.50 A. M. Telephone. Grass fire, Park and Taintor Sts.

April 29, 10.55 A. M. Telephone. Grass fire, Woods Edge Road.

April 29, 12.32 P. M. Telephone. Brush fire, 46 Adams St.

April 29, 12.33 P. M., Box 243. Grass fire off Fulton St.

April 29, 3.25 P. M. Telephone. Grass fire, Second St.

April 29, 3.37 P. M., Box 58. Brush fire off Governors Ave.

April 29, 3.40 P. M. Telephone. Dump fire, Mayberry Ave.

April 29, 4.48 P. M., Box 36. Grass fire, Sixth St.

April 29, 8.00 P. M. Telephone. Dump fire, Willis Ave.

April 30, 1.54 P. M., Box 28. Fire in shed, rear 237 Park St. Owned by H. H. Jepson. Value \$2,800. Insurance \$1,500. Insurance paid \$525. Cause: Unknown.

April 30, 4.32 P. M. Telephone. Brush fire, Gibson St.

April 30, 4.40 P. M. Telephone. Rubbish, rear of Post Office Block, High St., West Medford.

April 30, 5.43 P. M., Box 36. Grass fire, Middlesex Ave. and Fellsway.

May 1, 12.51 P. M. Telephone. Chimney fire, 63 Ashland St.

May 1, 5.12 P. M., Box 64. Fire at Whyte Wire Works, Hancock St. Value \$30,373.63. Insurance \$26,000. Insurance paid \$10,145.86. Cause: Careless use of match by smoker.

May 1, 5.15 P. M., Box 622. For above fire.

May 2, 10.23 A. M., Box 43. Grass fire, Edison Ave.

May 2, 8.10 P. M. Telephone. Grass fire, Tufts Square.
May 2, 8.27 P. M. Telephone. Brush fire, off Governors Ave.

May 3, 2.20 P. M., Box 254. Grass fire, Fells Ave.

May 3, 4.22 P. M., Box 52. Fire in coal shed, Prescott St. Owned by J. E. Ober & Son. Value \$13,000. Insurance \$1,000. Insurance paid \$1,242. Cause: Bonfire built by boys.

May 3, 4.25 P. M., Box 51. For above fire.

May 3, 8.26 P. M., Box 27. False alarm.

May 4, 9.10 A. M. Telephone. Ober's Coal Shed, Prescott St.

May 7, 10.36 A. M., Box 622. Fire at house, 55 Windsor Rd.

May 7, 8.47 P. M. Telephone. 8 Hicks Ave. Cause: Gas heater.

May 8, 1.57 P. M., Box 252. Fire in old shed, 11 Lambert St. Cause: Grass fire.

May 8, 4.08 P. M. Telephone. Brush fire, Winchester Reservoir.

May 8, 10.05 P. M. Telephone. Grass fire, Seventh St.

May 8, 11.55 P. M. Still. Fire in roof at Henry Walker's Paint Shop, Main St.

May 9, 5.55 P. M. Telephone. Brush fire, Wrights Pond.

May 9, 7.04 P. M. Telephone. Dump, College Ave.

May 10, 10.10 A. M., Box 33. Fire in automobile. Riverside Ave. No damage.

May 10, 1.45 P. M. Telephone. Grass fire, Orchard St.

May 11, 8.36 A. M., Box 14. Fire in roof of boiler house, W. C. Miles Co., Riverside Ave. Value \$3,000. Insurance \$3,000. Damage \$50.

May 10, 9.27 A. M. Box 311. Fire at Rauskolb's, Franklin St. No damage. Cause: Electric heater.

May 12, 4.19 P. M., Box 47. Fire in rear of 448 High St. Owned by Joseph Werman. No damage. Cause: Rubbish in rear bulkhead.

May 12, 5.05 P. M. Telephone. Grass fire, North St. Bridge.

May 14, 3.55 P. M., Box 56. Brush fire, corner Brooks and Winthrop Sts.

May 15, 12.03 P. M., Box 361. Grass fire, Second St.

May 15, 6.35 P. M. Telephone. Grass fire, Grove St.

May 15, 8.17 P. M. Telephone. Grass fire, rear of N. E. Brick Co.

May 16, 12.30 P. M. Telephone. Grass fire, Piggott Road.

May 16, 5.04 P. M. Telephone. Brush fire, Border Road.

May 16, 6.30 P. M. Telephone. Dump fire, Harvard St.

May 16, 11.30 P. M., Box 71. Fire at 28 Edward St. Owned by Mary Dingalo and occupied by same. Value \$1,500. Insurance \$1,500. Insurance paid \$95. Cause: Unknown.

May 17, 6.20 P. M., Box 245. Rubbish fire, Maybelle Ave.

May 21, 3.00 P. M. Telephone. Grass fire, near Mystic Lakes.

May 21, 3.15 A. M., Box 241. False alarm.

May 22, 2.04 P. M. Telephone. Brush fire, Wrights Pond.

May 22, 5.06 P. M., Box 51. Fire on roof of house, 8 Canal St. No admage.

May 22, 9.05 P. M. Telephone. 29 Canal St. Owned by J. Dinsmore. No damage. Cause: Lamp fire.

May 22, 10.08 P. M. Still. Grass fire, Mystic Ave.

May 23, 10.45 A. M., Box 751. Pole yard, Harvard St. and Boston Ave. Cause: Spark from locomotive.

May 23, 2.17 P. M., Box 71. House at 6 Edward Place. Owned by Hrs. DeStachio, occupied by same and others. Value \$4,000. Insurance \$4,000. Insurance paid \$344.75. Cause: Children playing with matches.

May 24, 12.43 P. M., Box 29. Fire in house, 52 Garfield Ave. Owned and occupied by J. J. Howley. Value \$3,300. Insurance \$2,200. Insurance paid \$25. Cause: Match dropped by workman repairing roof.

May 25, 1.15 P. M. Telephone. Dump fire, Riverside Ave.

May 26, 4.50 P. M. Telephone. Brush fire, Lawrence Estate.

May 26, 7.55 P. M. False telephone.

May 26, 5.00 P. M., Box 58. Brush fire, Lawrence Estate.

May 27, 8.30 P. M., Telephone. Grass fire, Brooks Estate.

May 27, 2.55 P. M., Box 45. False alarm.

May 28, 11.22 A. M., Box 28. Needless alarm. Smoking chimney at 248 Park St.

May 30, 11.29 A. M. Telephone. Railroad Bridge at Fellsway.

May 30, 11.40 A. M., Box 51. Fire in house, 84 Canal St. Owned by Frank H. Cutting; occupied by Mrs. C. M. Doyle and others. Value \$2,700. Insurance \$2,000. Insurance paid \$1,045. Uninsured loss \$200. Cause: Spark from chimney.

May 30, 7.17 P. M. Telephone. Needless.

May 30, 7.55 P. M. Telephone. Chimney fire, 2 Capen St.

May 30, 8.50 P. M. Telephone. Dump fire, Riverside Ave.

May 29, 2.03 P. M., Box 29. Grass fire, Lambert St.

May 29, 2.36 P. M., Box 55. Oil stove, 36 Woburn St.

May 30, 9.10 P. M., Box 64. Dump, Mystic Ave.

May 31, 9.04 P. M. Telephone. Grass fire, Winthrop St.

June 1, 4.54 P. M., Box 253, 38 Cedar Road. Cause: Electric iron. No damage.

June 2, 7.58 P. M. Telephone. Grass fire, Harvard Ave., near Parkway.

June 3, 11.14 A. M., Box 313. Fire in house, 163-165 Central Ave. Owned by Jacob Yeremian; occupied by same and others. Value \$13,000. Insurance \$8,300. Insurance paid \$1,619. Uninsured loss \$200. Cause: Defective wires.

June 5, 7.15 P. M. Telephone. Fire in rubbish ruins, old Usher Block.

June 7, 2.52 P. M., Box 23. Fire in shingles, Water St. Ct. Owned by R. C. Orpin.

June 8, 11.30 P. M., Telephone. Auburn St. Dump.

June 8, 11.55 P. M. Telephone. Grass fire, Harvard Ave., near bridge.

June 9, 12.30 P. M. Telephone. Auburn St. Dump.

June 10, 3.53 P. M. Telephone. Dump, Harvard St.

June 10, 5.00 P. M., Box 312. Fire in automobile corner Spring and Central Ave. Owned by Rowe Parcel Delivery Co. No damage.

June 13, 9.50 P. M. Telephone. Fire in house, 273 Salem St. No damage.

June 14, 3.05 P. M. Still. South St., near Engine House. Fire in rag under seat of automobile.

June 14, 8.02 P. M. Telephone. Dump fire, Riverside Ave.

June 14, 10.15 P. M. Telephone. Dump, Mystic Ave.

June 15, 11.52 A. M., Box 612. Fire in automobile truck, City Yard. No damage.

June 16, 8.25 P. M. Telephone. Dump fire, 11 Fulton St.

June 16, 8.40 P. M. Telephone. Small fire outside building, 282 Salem St.

June 16, 11.43 P. M., Box 74. Billboard, Newbern Ave.

June 17, 5.39 P. M., Box 64. False alarm.

June 17, 9.35 P. M. Telephone. Bonfire, Harvard Ave., near bridge.

June 17, 11.00 P. M., Box 431. Bonfire, Tufts College.

June 20, 1.25 P. M., Box 24. False alarm.

June 22, 3.46 P. M., Box 24. House struck by lightning, 43 Forest St. Owned by E. W. Hayes.

June 22, 3.48 P. M., Box 26. 19 Washington St. Owned by Dr. Gahan. Struck by lightning.

June 22, 3.50 P. M., Box 38. House, 79 Pinkert St. Owned by N. M. MacConnie. House struck by lightning.

June 24, 10.04 P. M. Telephone. Gasoline in street on Cushing St.

June 25, 4.55 P. M., Box 27. False alarm.

June 27, 2.36 P. M., Box 27. False alarm.

June 27, 3.32 P. M. Still. Fire on roof, 74 Main St.

June 28, 1.04 A. M., Box 75. False alarm.

June 28, 1.53 A. M., Box 73. False alarm.

June 28, 1.21 P. M. Telephone. Dump, Mystic Ave.

June 30, 2.40 P. M., Box 361. Smoke in cellar from defective chimney at 80 Third St.

July 3, 9.30 P. M. Telephone. Bonfire, Harvard Ave., near bridge.

July 3, 9.40 P. M., Box 524. False alarm.

July 3, 10.08 P. M., Box 74. False alarm.

July 4, 1.22 A. M., Box 46. False alarm.

July 4, 1.57 A. M., Box 35. Old shed, rear of Cradock House.

July 4, 4.47 A. M., Box 36. Railroad shanty, Middlesex Ave.

July 4, 6.00 A. M., Box 751. Fire on top of freight car. Highland Coal Co.

July 5, 9.01 P. M., Box 46. Electric wire on tree, High St.

July 6, 10.14 P. M., Box 431. False alarm.

July 7, 8.30 P. M., Box 13. Gasoline fire under truck. Medford Sq. Garage. No damage. Cause: Man lighting match while filling tank.

July 8, 4.30 P. M., Box 56. False alarm.

July 12, 11.25 A. M., Box 65. False alarm.

July 13, 3.30 P. M., Box 541. False alarm.

July 13, 5.16 P. M. Telephone. Ash barrel, 79 Magoon Ave.

July 13, 6.06 P. M., Box 34. Slight fire in attic at house, 28-30 Logan Ave. No damage. Cause: House struck by lightning.

July 18, 1.58 P. M. Telephone. Dump fire, Riverside Ave.

July 18, 3.18 P. M. Telephone. Grass, rear of Post Office Block, West Medford.

July 20, 12.09 A. M. Telephone. Rubbish fire, Cotting St.

July 20, 3.07 P. M. Telephone. Grass fire, Piggott Road.

July 20, 9.10 P. M. Telephone. 6 Woodruff Ave. Cause: Oil stove. No damage.

July 20, 2.35 P. M. Telephone. Rubbish fire, Park St.

July 20, 2.35 P. M. Telephone. Dump, Mystic Ave.

July 21, 10.05 A. M. Telephone. Auburn St. Dump.

July 22, 1.15 P. M. Telephone. Gasoline in street, opp. 29 Edward St.

July 26, 3.52 P. M., Box 15. False alarm.

July 29, 4.40 P. M. Telephone. Dump fire, East Harvard St.

July 30, 11.35 A. M., Box 36. False alarm.

July 30, 10.45 P. M., Box 361. Fire in house, 822-824 Fellsway. Owned by Florence Koeing. Value \$13,900. Insurance \$11,500. Insurance paid \$6,414. Uninsured loss \$607. Cause: Unknown, probably defective wires.

July 31, 12.48 P. M. Telephone. Fire at rear steps, 16 Joseph St.

July 31, 2.29 P. M. Telephone. Brush fire, 149 Forest St.

Aug. 1, 9.04 P. M., Box 36. False alarm.

Aug. 6, 12.44 P. M. Telephone. Dump fire, East Harvard St.

Aug. 7, 12.04 P. M. Telephone. Shed at 31 Court St.

Aug. 9, 4.19 P. M., Box 18. False alarm.

Aug. 10, 4.55 P. M., Box 52. Dump fire, Auburn St.

Aug. 10, 5.08 P. M., Box 42. False alarm.

Aug. 11, 1.10 P. M. Telephone. Rubbish fire, Riverside Ave.

Aug. 12, 1.59 P. M., Box 14. Fire in sawdust, boiler house, W. C. Miles, Riverside Ave.

Aug. 13, 11.27 P. M. Still. Fire in automobile, Forest St.

Aug. 14, 10.04 A. M. Still. Motor boat, near Cradock Bridge. Owned by Lawrence Grant. Value \$150. Uninsured loss \$65. Cause: Backfire of motor.

Aug. 14, 3.03 P. M. Telephone. Bonfire, Brooks Estate.

Aug. 16, 2.00 P. M. Telephone. Dump fire, Mystic Ave.

Aug. 17, 3.30 P. M. Telephone. To take boys from roof, 103 Thatcher St.

Aug. 18, 1.00 P. M. Telephone. Grass fire, American Woolen, Boston Ave.

Aug. 21, 1.37 P. M. Telephone. Tar kettle, College Ave. bridge.

Aug. 21, 5.09 P. M., Box 422. Billboard, Auburn St. Dump.

Aug. 24, 8.25 P. M. Telephone. Auburn St. Dump.

Aug. 27, 11.25 A. M. Telephone. Automobile, Harvard St. No damage.

Aug. 29, 6.23 P. M., Box 252. Fire in house, 132 Fellsway West. Owned by Winchester Improvement Association. Value \$2,000. Uninsured loss \$50. Cause: Children playing with matches set fire to bed.

Aug. 31, 6.30 P. M. Telephone. Dump, East Harvard St.

Sept. 3, 1.05 P. M., Box 251. Fire in house, 223 Fulton St. Owned by George Carptiane. Value \$2,300. Insurance \$3,000. Insurance paid \$1,625. Cause: Careless use of matches.

Sept. 3, 3.12 P. M. Telephone. Brush fire, Fulton St.

Sept. 3, 7.00 P. M. Telephone. Auburn St. Dump.

Sept. 3, 7.14 P. M., Box 242. False alarm.

Sept. 9, 7.00 P. M. Telephone. Grass fire, Fulton St. Ball Grounds.

Sept. 10, 10.59 P. M., Box 73. False alarm.

Sept. 11, 5.55 P. M., Box 15. Fire in automobile truck, Mystic Ave. Owned by E. J. Dickey. Value \$3,500. Insurance \$3,000. Insurance paid \$10. Cause: Leak in gasoline pipe.

Sept. 13, 11.21 P. M., Box 28. Fire in stable, corner Park and Salem Sts. Owned by John Connors. Occupied by John Pitcher. Value \$3,900. Insurance \$2,300. Insurance paid \$300. Uninsured loss \$3,000. Cause: Overheated hay.

Sept. 14, 6.10 P. M. Telephone. Dump fire, Mystic Ave.

Sept. 16, 10.09 A. M., Box 36. False alarm.

Sept. 16, 10.02 P. M., Box 75. False alarm.

Sept. 19, 9.45 A. M. Telephone. Smoke from defective chimney, 365 Main St.

Sept. 21, 1.55 A. M., Box 73. False alarm.

Sept. 23, 2.53 P. M., Box 23. False alarm.

Sept. 23, 7.00 P. M., Box 422. Dump fire, Auburn St.

Sept. 23, 9.07 P. M., Box 244. Fire in house, 31 Wasson St. Owned by Albert K. Smith and occupied by same. Value \$3,500. Insurance \$3,500. Insurance paid \$2,427.94. Cause: Oil stove exploded.

Sept. 24, 4.07 P. M. Telephone. Brush fire. Border Road.

Sept. 24, 6.09 P. M., Box 243. False alarm.

Sept. 25, 12.08 P. M., Box 53. False alarm.

Sept. 26, 2.51 P. M., Box 312. False alarm.

Sept. 28, 1.17 A. M., Box 71. False alarm.

Sept. 28, 8.00 P. M., Box 74. Fire in shanty, rear of 85 Albion St. Cause: Set by boys.

Sept. 28, 9.36 A. M. Telephone. Dump. East Harvard St.

Sept. 29, 2.19 P. M. Ladder 2 sent to 141 Middlesex Ave. to remove cat from tree.

Oct. 1, 4.22 A. M., Box 244. Fire in store, 85 Elm St. Owned by R. W. Emerson; occupied by Douglas Fraser. Value \$950. Insurance \$2,500. Insurance paid \$1,868. Uninsured loss \$150. Cause: Unknown.

Oct. 1, 2.14 P. M. Telephone. Grass fire, rear of Medford Woolen Co.

Oct. 1, 8.22 P. M. Telephone. Bonfire, Main St., opp. Henry St.

Oct. 4, 8.50 A. M. Telephone. Rubbish fire. Stearns Estate.

Oct. 5, 10.55 P. M., Box 29. False alarm.

Oct. 8, 5.57 P. M., Box 522. False alarm.

Oct. 10, 12.19 P. M., Box 411. Fire in house, 28 Touro Ave. Cause: Smoking oil stove.

Oct. 11, 5.32 P. M., Box 244. Fire in house, 120 Walsh St. Owned by Carl Magunson. Cause: Lamp explored on stove. No damage.

Oct. 11, 10.29 P. M., Box 16. Fire in house, 12 Chestnut St. Owned by Miss E. E. Allen. Value \$3,000. Insurance \$3,000. Insurance paid \$100. Cause: Kindling wood piled around gas heater.

Oct. 12, 12.08 P. M. Telephone. Dump fire, College Ave.

Oct. 13, 5.26 P. M., Box 422. Dump fire, Auburn St.

Oct. 16, 7.20 P. M. Telephone. Dump, rear of Miles' Mill, Riverside Ave.

Oct. 18, 3.49 P. M., Box 45. Fire in transformer box on pole, corner Harvard Ave. and Sharon St.

Oct. 18, 6.01 P. M., Box 422. Dump fire, Auburn St.

Oct. 18, 7.54 P. M. Telephone. Grass fire, Arlington St.

Oct. 20, 5.28 P. M. Telephone. Rags smouldering in closet at 12 Kilsythe Road. No damage.

Oct. 20, 9.47 A. M. Telephone. Brush fire, Winthrop St.

Oct. 21, 4.30 P. M. Telephone. Chimney fire, 80 High St.

Oct. 22, 3.58 P. M. Telephone. Brush fire, Half-Mile Road.

Oct. 24, 2.53 P. M., Box 14. Fire on roof of boiler house, Riverside Ave. Owned by W. C. Miles. Value \$1,600. Insurance \$1,600. Insurance paid \$257. Cause: Started in dust on top of boiler.

Oct. 24, 7.20 P. M., Box 34. Fire in house, 8 Myrtle St. Owned and occupied by J. Desmondi. Value \$2,800. Insurance \$2,000. Insurance paid \$100. Uninsured loss \$10. Cause: Lamp broke on table.

Oct. 25, 1.33 P. M. Telephone. Grass fire, Casey's field, Main St.

Oct. 27, 7.03 A. M., Box 251. Chimney fire, 164 Fulton St. Owned by M. Kidder.

Oct. 28, 10.13 A. M. Telephone. Grass fire at Royal House.

Oct. 28, 1.25 P. M. Telephone. Brush fire on Boulevard.

Oct. 28, 2.04 P. M. Telephone. Grass fire, Central Ave., at Spring St.

Oct. 28, 4.37 P. M. Telephone. Grass fire, Winthrop St.

Oct. 28, 5.20 P. M. Telephone. Dump fire, East Harvard St..

Oct. 28, 6.10 P. M. Telephone. Dump fire, rear of Medford Woolen.

Oct. 29, 12.55 P. M., Box 312. Brush fire, Spring St. and Central Ave.

Oct. 29, 3.50 P. M., Box 253. Grass and fence at old Boulevard Theatre, Fellsway West.

Oct. 29, 4.42 P. M., Box 31. Fire on roof of house, 40 Lambert St. Owned and occupied by S. B. Knight. Value \$5,400. Insurance \$6000. Insurance paid \$25. Cause: Chimney fire.

Oct. 29, 4.00 P. M. Telephone. Brush fire, Rock Hill Road.

Oct. 29, 5.21 P. M. Telephone. Chimney fire, 38 Oakland St.

Oct. 30, 12.10 P. M. Telephone. Grass fire, near Hill-side Station.

Oct. 30, 2.10 P. M. Telephone. Grass fire, near Medford Boat Club.

Oct. 30, 4.11 P. M., Box 42. Fire in hay stack on Winter St. Owned by Maurice Morrissey. Value \$100. Uninsured loss \$20. Cause: Set by boys.

Oct. 30, 4.14 P. M., Box 411. For above fire.

Oct. 30, 6.25 P. M. Telephone. For above fire, rekindled.

Oct. 31, 5.48 P. M., Box 312. False alarm.

Oct. 31, 3.12 P. M. Telephone. Grass fire, Boston Ave., near Harvard Ave.

Oct. 31, 6.10 P. M. Telephone. Dump fire, rear of Miles' Mill.

Oct. 31, 6.27 P. M., Box 451. Grass fire, Lincoln St.

Oct. 31, 7.05 P. M., Box 34, False alarm.

Oct. 31, 7.26 P. M., Box 242. False alarm.

Oct. 31, 7.35 P. M. Telephone. Grass fire, Harvard Ave. bridge.

Oct. 31, 8.09 P. M., Box 56. False alarm.

Oct. 31, 8.11 P. M., Box 313. False alarm.

Oct. 31, 11.58 P. M. Telephone. Brush fire, Brackett St.

Nov. 1, 12.12 P. M. Telephone. Fence, Old Boulevard Theatre.

Nov. 1, 2.23 P. M. Telephone. Same as above.

Nov. 1, 4.15 P. M. Still. Fire in cushion of auto truck, Main St., opp. Central Fire Station.

Nov. 1, 4.56 P. M., Box 43. False alarm.

Nov. 1, 5.44 P. M., Box 31. Needless alarm for smoke from chimney on block, 464 Salem St.

Nov. 1, 10.54 P. M. Telephone. Grass fire, Combination Park.

Nov. 2, 4.20 P. M. Telephone. Grass fire, Winthrop corner Wyman Sts.

Nov. 3, 4.37 P. M. Telephone. Grass fire, Stearns Estate.

Nov. 4, 5.00 P. M. Telephone. Grass fire, Governors Ave.

Nov. 4, 9.55 P. M. Telephone. Grass fire, Winthrop St., near Parkway.

Nov. 4, 5.15 P. M., Box 58. False alarm.

Nov. 5, 10.18 A. M. Telephone. Grass fire, Parkway and Riverside Ave.

Nov. 5, 3.50 P. M. Telephone. Dump, off Wellesley St.

Nov. 7. Fire in auto, rear of Salem St. Station.

Nov. 7, 3.58 P. M., Box 71. False alarm.

Nov. 7, 6.19 P. M., Box 35. Fire in auto truck on Locust St. Owned by Fellsway Rubber Co. Value \$200. Uninsured loss \$50. Cause: Back fire.

Nov. 8. 10.03 P. M. Telephone. Automobile accident, corner Park St. and Fellsway.

Nov. 9, 11.28 P. M., Box 24. Fire in house, 27 King Ave. Owned and occupied by William Lippman. Value \$11,400. Insurance \$11,500. Insurance paid \$275. Cause: Rubbish barrel in cellar.

Nov. 10, 7.30 A. M. Telephone. For leak in ammonia tank, Hervey's store, Forest St.

Nov. 11, 12.45 P. M. Telephone. Grass fire, Lewis St.

Nov. 11, 2.26 P. M., Box 58. Grass fire, Governors Ave.

Nov. 13, 12.50 P. M., Box 422. Grass and dump fire, rear of 29 North St.

Nov. 13, 1.55 P. M. Telephone. Grove St. Bridge.

Nov. 13, 5.19 P. M., Box 422. Dump fire, Auburn St.

Nov. 13, 6.43 P. M., Box 344. Fire in smelter house, F. W. Bent Co., Myrtle St.

Nov. 14, 1.55 P. M. Telephone. Brush fire, near Wrights Pond.

Nov. 14, 9.14 P. M. Telephone. Grass fire, Arlington St.

Nov. 15, 5.00 A. M. Telephone. Rubbish, rear of John Mulkerin's house, Arlington St.

Nov. 16, 5.30 P. M. Telephone. Auburn St. Dump.

Nov. 16, 8.44 P. M., Box 462. False alarm.

Nov. 17, 5.10 P. M., Box 29. False alarm.

Nov. 20, 12.08 P. M., Box 421. Ash barrel in cellar, 361 Boston Ave. No damage.

Nov. 22, 2.28 P. M. Telephone. Chimney fire, Rauskolb's, Franklin St.

Nov. 22, 4.11 P. M. Telephone. Grass fire, Fells Ave.

Nov. 22, 4.18 P. M. Telephone. Grass fire, Stearns Estate.

Nov. 23, 12.01 P. M. Telephone. Rubbish, rear of Teel Estate, Curtis St.

Nov. 25, 9.25 A. M. Telephone. Fence fire, rear of Cross St. Cemetery.

Nov. 25, 11.35 A. M. Telephone. Grass fire, near Stearns Estate.

Nov. 26, 11.59 A. M. Telephone. Grass fire, Windsor Road.

Nov. 26, 12.23 P. M. Telephone. Grass fire, near Tufts College.

Nov. 26, 7.26 P. M., Box 71. False alarm.

Nov. 28, 1.47 A. M. Telephone. Fire in sawdust in cellar at 112 Bristol Road.

Nov. 29, 8.15 P. M., Box 422. Fire in house, 14 Norton Ave. Occupied by Mrs. C. Macdonald. Value \$800. Uninsured loss \$10. Cause: Woman looking in closet with lamp.

Nov. 30, 6.21 P. M., Box 75. False alarm.

Nov. 30, 7.00 P. M. Telephone. Auburn St. Dump.

Dec. 1, 9.50 A. M., Box 28. Fire in house, 10 Revere Place. Owned by Harry Venuti; occupied by same and others. Value \$8,500. Insurance \$10,000. Insurance paid

\$600. Uninsured loss \$50. Cause: Spark from pipe in old shingles.

Dec. 1, 7.00 P. M. Telephone. Auburn St. Dump.

Dec. 1, 8.10 P. M. Telephone. Dump fire, Wellesley St.

Dec. 2, 9.20 A. M., Box 421. Grass fire, 302 Boston Ave.

Dec. 2, 11.04 A. M. Telephone. Grass fire, Golden Ave.

Dec. 2, 4.35 P. M. Telephone. Grass fire, Paris St., corner Fellsway.

Dec. 2, 5.15 P. M. Telephone. Auburn St. Dump.

Dec. 4, 12.39 P. M. Telephone. Fence fire, Fulton St. Ball Grounds.

Dec. 4, 1.28 P. M. Telephone. Grass fire, Fulton St. and Fellsway.

Dec. 4, 5.16 P. M., Box 462. False alarm.

Dec. 4, 9.57 P. M. Telephone. Grass fire, Casey's field, Tufts Sq.

Dec. 6, 8.17 P. M. Telephone. Auto truck, Forest St., Stoneham.

Dec. 7, 4.40 P. M. Telephone. Grass fire, Casey's field, Tufts Sq.

Dec. 7, 6.30 P. M. Telephone. Drying of plaster in new house, Frederick Ave.

Dec. 10, 9.04 P. M., Box 75. For bonfires built to dry cement at 293 Harvard St. Owned by A. Rappoli.

Dec. 10, 10.10 A. M., Box 28. Fire in building, 312 Salem St. Owned by Franklin Realty Trust Co. Value \$18,700. Insurance \$16,700. Insurance paid \$100. Cause: Thawing water pipes.

Dec. 11, 5.33 P. M., Box 462. False alarm.

Dec. 12, 9.14 P. M. Telephone. Dump fire, rear Medford Woolen.

Dec. 12, 10.45 P. M., Box 39. False alarm.

Dec. 12, 10.57 P. M., Box 35. False alarm.

Dec. 13, 6.09 P. M. Telephone. Grass fire, Sherman Place.

Dec. 19, 12.33 P. M. Telephone. Smoke from furnace at 66 Winchester St.

Dec. 19, 3.05 P. M. Needless telephone for drying plaster at Junior High School, Harvard St.

Dec. 22, 6.15 P. M., Box 451. Fire in house, 30 Fairfield St. Owned by C. Smith. Value \$3,300. Insurance \$2,700. No damage. Cause: Careless lighting of lamp with paper.

Dec. 22, 7.49 P. M., Box 75. False alarm.

Dec. 23, 2.58 P. M., Box 58. False alarm.

Dec. 25, 3.00 P. M., Box 29. False alarm.

Dec. 27, 8.21 P. M., Box 622. For drying of plaster, Frederick Ave.

Dec. 29, 10.40 A. M., Box 75. Fire in store, Harvard, corner Winchester Sts. Owned by W. F. Franklin; occupied by T. A. Dewire. Value \$5,000. Insurance \$3,000. Insurance paid \$75. Cause: Rubbish in cellar, near furnace.

Dec. 29, 6.54 P. M., Box 253. Fire in house, 75 Wells Ave. Owned and occupied by Mrs. Mary T. Mitchell. Value \$7,750. Insurance \$6,000. Insurance paid \$4,550. Cause: Thawing water pipes.

In concluding my report, I want to thank your Honor and the Honorable Board of Aldermen for your co-operation with me this year, and also the members of this Department, the Police, Water and Highway Departments, and all other Departments that have in any way assisted this Department.

Respectfully yours,

THOMAS A. QUALEY,

Chief of Fire Department.

Report of the Chief of Police

Hon. Richard B. Coolidge,

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 31st, 1922.

Whole number of arrests	900
Males	877
Females	23
Adults	773
Minors	127
Residents	695
Non-residents	205
Arrested on warrants	102
Arrested without warrants.....	336
Arrested on summonses	462
Held for trial	866

Cause of Arrest

Assault and Battery	36
Assault, Felonious	3
Abortion	2
Breaking and Entering, Larceny.....	36
Breaking and Entering, Attempt to.....	2
Concealed weapon, carrying	1
Children boarding, not licensed	1

Default	7
Drunkenness	208
Delinquent Children	3
Deserter, Navy, U. S. A.....	1
Deserter, Army, U. S. A.....	3
Evading Car Fare	1
Exposure of Person	1
Escaped Prisoners	3
Forgery	1
Funeral procession, disturbing	1
Fugitive from justice.....	1
Gaming, or present at	4
Insane	11
Illgitimate Child Act Violation.....	4
Larceny	42
Larceny, Felonious	5
Lewd and Lascivious	5
Manslaughter	2
Milk, selling without license	3
Non-support of Family	23
Non-support of Parent	9
Non-support of Children	1
Operating Auto under influence of Intoxicating Liquor	11
Peddling without a License	1
Rape, Attempt to	8
Receiving Stolen Goods	1
Robbery	2
Rescuing Prisoner	2
Safe Keeping	14
Stubborn Child	3
Sounding False Alarm of Fire	1
Spitting on Sidewalk	1
Throwing Glass in Street	1
Trespass	10
Truants	12
Unlawful Appropriation of Property	4

Vagrancy	1
Violation City Ordinance	28
Violation of the Lord's Day	15
Violation of the Milk Law	5
Violation of the Liquor Law	2
Violation of the Park Rules	1
Violation of Probation	12
Violation of the Auto Laws	253
Violation of the Traffic Rules	65
Violation of the Labor Laws.....	4
Violation Laws of Weights and Standards.....	1
Wilful Injury to Property	8
Wagon, no lights on	2
Wages, non-payment of	11
Wilfully selling horse unfit for labor.....	1

Miscellaneous Work

Amount of property reported stolen.....	\$22,541.76
Amount of property recovered by police.....	33,048.82
Accidents reported	238
Buildings found open and secured.....	376
Cases investigated	1,583
Defective streets and sidewalks reported.....	330
Defective water pipes reported	53
Defective vaults and drains reported.....	25
Defective wires reported	146
Dead bodies cared for	11
Dogs killed	97
Extra hours duty done by officers with pay.....	3,111
Extra hours by officers without pay.....	1,230
Fire alarms reported by officers.....	4
Officers at Court	302
Poles reported dangerous.....	10
Officers, duty at fires, hours.....	224
Broken glass reported in street.....	49
Lost property found and returned.....	493
Fires extinguished without alarms by officers.....	21

Gas turned off in buildings.....	8
Horses found cast or loose in stables.....	2
Lanterns placed on defects in streets.....	112
Lost children returned home.....	39
Notices posted and delivered.....	654
Number of runs of patrol wagon.....	2,458
Number of miles run	14,813
Sick and injured persons assisted.....	181
Stray teams cared for	10
Street obstructions removed	9
Street lights reported out	204
Search warrants served	3
Seizures made	4
Dead animals in street	45
Water running to waste	4
Trees dangerous	29
Sign posts down	19
Runaway horses caught	2
Gaming machines removed	11
Suicides reported	2
Cats shot	4

The amount of stolen property recovered by the Police Department, which had not been reported stolen and was seized on search warrants by the Police Department: Seven Thousand Three Hundred Eighty-Eight Dollars Forty-Five cents (\$7,388.45). The owners have been located and the property will be restored to them by the order of the Court.

The Police Department also recovered Ten Thousand Dollars (\$10,000) worth of Alcohol that had been stolen from a freight car, the property of the Boston & Maine Railroad. Five men were arrested by the officers for this offence. Their cases are now pending before the Courts.

The Police Department recovered several thousands of dollars more in recovered stolen property than had been reported. The reason for this is the recovery in this City of

property stolen in other Cities and recovered here by the Police Department and returned to the rightful owners.

The Police Department secured the evidence and assisted the Federal officers in raids on places where intoxicating liquors were being distilled in large quantities. One Thousand Two Hundred and Seventy Gallons (1,270) of Hooch and Alcohol, besides the stills and other implements of much value were seized. The cases are now pending before the Federal Court.

Respectfully submitted,

JOHN F. WELCH,

Chief of Police.

Report of the City Engineer

January 20, 1923.

Honorable Richard B. Coolidge,
Mayor, Medford, Mass.

Dear Sir:

I have the honor to submit to you the twenty-ninth annual report of the Civil Engineering Department of the City of Medford, for the year ending December 31, 1922.

Financial Statement for the Year 1922

Appropriation, January 1, 1922	\$2,000.00	
Appropriation, October 5, 1922	500.00	
Appropriation, December 28, 1922	250.00	
	<hr/>	\$2,750.00

Credits:

Assessing Department (Plans)	247.54	
Board of Survey	38.96	
Cemetery Department	29.30	
Highway Department	666.06	
Water and Sewer Department.	1,533.85	
	<hr/>	2,515.71
		<hr/>
		\$5,265.71

Expended:

Pay roll, general	\$903.08	
Acceptance Plans	626.66	
Assessing Department (Plans)	247.54	
Cemetery Department	23.30	
City Map	528.86	
City Solicitor	3.20	
Highways	654.96	
Water and Sewer Department:		
Sewer Division	1,158.66	
Water Division	354.50	
Board of Survey	38.76	
		<hr/>
		\$4,539.52

Bills as follows:

Carfares, postage and miscellaneous	\$109.44	
Office Equipment	15.70	
Drafting Materials	96.94	
Surveying Materials	54.00	
Printing and Stationery.....	26.28	
Blue Prints	36.33	
Lithograph Maps	67.50	
Medford Mercury	2.00	
Medford Publishing Co. (Reports)	25.50	
Technical Magazines	3.00	
Telephone	31.04	
		<hr/>
		467.73
		<hr/>
		\$5,007.25
Balance		258.46
		<hr/>
		\$5,265.71

An appropriation for department equipment was made on October 3, 1922, and expended as follows:

Appropriation	\$500.00
---------------------	----------

Expended:

L. C. Smith & Bros. Typewriter Co.	\$88.70	
Buff & Buff Mfg. Co.	355.00	
Ledder & Probst, Inc.	43.38	
Balance	12.92	
	<hr/>	\$500.00

There were provided from this appropriation one new typewriter, one Buff & Buff Engineer's Transit, one Buff & Buff Y level, three 100 feet tapes and two tape boxes.

As part payment there was turned into the L. C. Smith & Bros. Typewriter Co. one Underwood typewriter (in very bad condition); the Buff & Buff Co. took as part payment two old Buff & Berger transits. These were so old that they required constant repairs, and even then were uncertain as to quality of work.

The prices quoted by the C. L. Berger & Sons Co. for the transit and level were practically the same as by the Buff & Buff Mfg. Co., but the allowance for old instruments by Buff & Buff was considerably more, and as the quality of the instrument was practically the same the order was given to Buff & Buff Mfg. Co.

The Purchasing Agent has the full record of this transaction.

In connection with financial statement beg to call attention to account Acceptance Plans; this is for plans, descriptions, etc., of streets for acceptance and ordered by the Board of Aldermen.

It is impossible to even guess the amount of work which will be required by the Board for this purpose, and it has been the custom to do the work required and then ask for money to cover the expense later in the year.

This procedure prevents the department from performing some of its other work in an economical manner and it would, in my opinion, be better to have an account included in the budget for this specific purpose.

The account City Map is largely for measuring and locating new buildings, and must be done mainly in order that the Assessors may have same on their plans before April 1. This year there are 840 permits issued and 427 have been measured and located to date, and 47 others have been visited, but were not far enough along to measure. This does not leave much for the needed renewal of the maps themselves. In 1921 to March 22, 585 permits were issued, 551 were located and 34 not ready on April 1.

The Engineering Department serves all city departments and commissions and comes in contact with most municipal improvements and undertakings. It furnishes plans and estimates of all proposed street, sewer, surface drain, conduits, bridges and sidewalk construction.

It furnishes specifications for the work when required, lines and grades for construction, record plans of same where required by statutes and ordinances.

It furnishes information necessary for assessment of all betterments, streets, sewers, sidewalks, etc.

All house numbering plans are made by the department and numbers assigned as requested by parties at interest.

It furnishes lines and grades to owners of property abutting on a public highway when requested.

It furnishes information of a varied kind, and not always in regard to engineering to the public.

It keeps the Assessors' plans up to date, making changes of lotting, new areas for same and locating and plotting all new buildings. This has to be completed before April 1 of each year.

The City Engineer is required by statute to act as clerk of the Board of Survey.

The City Solicitor is furnished with plans, descriptions and other data required by him in his work, including attendance in court and before legislative committees when required.

The Cemetery Trustees also require plans, estimates, surveys and staking for layouts of lots, graves and roadways.

The grading and walks of all school houses and other public buildings is done under the direction of this department. In the few cases where grading plans have been furnished by architects it has been found necessary to have them revised by this department.

STREETS FOR ACCEPTANCE .

By authority of the Board of Aldermen, surveys, plans, profiles, registry examinations, descriptions and assessment schedules have been made of eight private streets for acceptance, viz:

STREET	WARD	FROM	TO	Approved by Board of Survey
Foss Street	2	Fellsway West	Fulton Street	September 26, 1922 1917 and 1919
Governors Avenue	3	Hall Road	So. Border Road	
Hall Road	3	Forest Street	Governors Avenue	
Burget Avenue	4	George Street	Southerly	September 26, 1922 September 26, 1922
First Street	7	Bradbury Avenue	Middlesex Avenue	
Second Street	7	Middlesex Avenue	Bradbury Avenue	
Third Street	7	Bradbury Avenue	Middlesex Avenue	
Malden Street	1	Surrey Street	Linwood Street	

Plan of one street for acceptance was presented by the petitioners.

STREET	WARD	FROM	TO	Approved by Board of Survey
Barnard Road	3	Woburn Street	Vernon Street	September 26, 1922

By order of the Board of Aldermen, surveys, plan, registry examinations, description and assessment schedule for widening of High Street from Harvard Avenue to Allston Street were made, and the plan approved by the Board of Survey and all the documents sent to the Board of Aldermen.

A study for a building line on Main Street from Medford Square to the Somerville line was made and presented to the Highway Committee for consideration.

STREETS ACCEPTED

The following streets have been accepted this year:

STREET	FROM	TO	Length on Center Line	Accepted
High St... (Widening) ..	Harvard Avenue.....	Allston Street.....	1101.63	October 31, 1922
Hall Road.....	Forest Street	Governors Avenue.....	1037.15	November 20, 1922
Second St.....	Middlesex Avenue	Bradbury Avenue.....	500.00	December 27, 1922
Third St.....	Bradbury Avenue.....	Middlesex Avenue.....	500.00	December 27, 1922
Barnard Road	Woburn Street.....	Vernon Street.....	387.15	December 27, 1922

The following streets are now in committee awaiting action by the city government :

STREET	FROM	TO	Length on Center Line
Governors Avenue.....	Hall Road	So. Border Road	2223.00
Foss Street	Fellsway West	Fulton Street.....	941.00
Burget Avenue.....	George Street	Southerly	529.50
First Street.....	Bradbury Avenue	Middlesex Avenue.....	500.00
Malden Street.....	Surrey Street	Linwood Street.....	230.42

STREETS ACCEPTED—Continued

This office has, in addition to the above, orders from the Board of Aldermen for plans, profiles, descriptions and betterment schedules.

STREET	FROM	TO
Hall Road.....	Governors Ave.....	Terrace Road
Mystic St.....	Prescott St.....	Mystic Valley Parkway
Fells Ave.....	Rock Glen Road.....	Fulton Spring Road

These orders were received too late in the year to be completed with the limited force at my disposal.

The orders for acceptance of streets in 1921 were rescinded owing to the fact that the orders for layouts under the betterment act did not conform to the revised statutes, and which went into effect on January 1, 1921, and new orders were drawn to conform to the statutes and the streets accepted.

The following are the streets affected :

STREET	FROM	TO
Billings Avenue	Main Street	Willis Avenue
Dunbar Avenue	Yeomans Avenue	Emerald Street
Emerald Street	Yeomans Avenue	Surrey Street
Forest Avenue	Forest Street	Brookside Pkwy.
Frederick Avenue	Main Street	College Avenue
McDonald Road	Riverside Avenue	Fellsway
Newton Road	Grove Street	Woodland Road
Sanger Street	Edward Street	Joseph Street
Spring Street (Ext.)	Salem Street	Fellsway West
Yeomans Avenue	Spring Street	Playground

This required a revision of the ownership and noting same on plan, also the making of estimates for benefits and schedules showing the benefit to each lot on the several streets.

ORIGINAL CONSTRUCTION

Under the above caption the following newly accepted streets were completed:

STREET	Ft. St. Stone	Ft. Cir. Stone	Sq. Yds. Bit. Macadam	Cost
Dwyer Circle.....	935.42	207.33	1522	\$8000.00
Gourley Road.....	1478.33	106.75	2614	11000.00

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.

For continuous sidewalks completed see Schedule A.

For individual sidewalks completed see Schedule B.

SCHEDULE A.

**CONTINUOUS WALKS
SIDEWALKS AND EDGESTONES**

WARD THREE

STREET	FROM	TO	SIDE	Lin. Ft. St. Stone	Lin. Ft. Circle St.	Sq. Yds. Grano.
Ashland St.....	No. 28.....	Water St.....	West	681.66	24.60	521.22

WARD FOUR

STREET	FROM	TO	SIDE	Lin. Ft. St. Stone	Lin. Ft. Circle St.	Sq. Yds. Grano.
Orchard St.....	Winthrop St.....	Lyman Ave.....	North	.....	.....	425.97

SCHEDULE A—Continued

**CONTINUOUS WALKS
SIDEWALKS AND EDGESTONES**

WARD FIVE

STREET	FROM	TO	SIDE	Lin. Ft. St. Stone	Lin. Ft. Circle St.	Grano. Sq. Yds.
Edward St.....	Dexter St.....	Henry St.....	Both	1148.25	134.45	.....

SCHEDULE B.
INDIVIDUAL WALKS
SIDEWALKS AND EDGESTONES
WARD ONE

STREET	LOCATION	Lin. F. St. Stone	Lin. Ft. Circle Stone	Sq. Yds. Grano.
Cherry St.....	No. 28.....	.....	.....	31.77
Washington St.....				
Cor. Sheridan Ave.....	No. 182-184.....	165.45	27.05	.....

WARD THREE

STREET	FROM	Lin. F. St. Stone	Lin. Ft. Circle Stone	Sq. Yds. Grano.
High St.....	No. 16-22.....	.....	.....	64.53
Terrace Road.....	No. 83.....	.....	.....	50.66
Woburn St.....	No. 154.....	50.00	.....	30.65
Forest St.....	No. 109.....	73.00	46.80	163.00
Salem St.....	No. 12-14.....	.....	.....	40.00
		123.00	46.80	348.84

SCHEDULE B—Continued

WARD FOUR

STREET	FROM	Lin. Ft. St. Stone	Lin. Ft. Circle Stone	Sq. Yds. Grano.
Orchard St.....	No. 31.....	.....	.....	29.23
Orchard St.....	No. 28-30.....	.....	.....	24.40
Orchard St.....	No. 43.....	.....	.....	26.98
Orchard St.....	No. 44.....	.....	.....	28.80
Orchard St.....	No. 45.....	.....	.....	25.35
Royal St.....	No. 29.....	.....	.....	112.68
Royal St.....	No. 37.....	.....	.....	54.02
				<u>301.46</u>

SCHEDULE B—Continued

WARD FIVE

STREET	FROM	Lin. Ft. St. Stone	Lin. Ft. Circle Stone	Sq. Yds. Grano.
Bristol Road.....	No. 53-55.....	.....	.....	24.16
Bristol Road.....	No. 57-57A.....	.....	.....	24.16
Bristol Road.....	No. 59-59A.....	.....	.....	24.19
Bristol Road.....	No. 67-67A.....	.....	.....	22.61
Bristol Road.....	No. 61.....	.....	.....	23.64
Bristol Road.....	No. 63-65.....	.....	.....	24.26
Warner St.....	No. 49-51.....	.....	.....	68.80
Warner St.....	No. 57-59.....	.....	.....	98.03
Dexter St.....	No. 30-34.....	76.00	.....	70.93
Dexter St.....	No. 38.....	72.67	.....	65.76
Wright Ave.....	No. 24-26.....	.....	.....	26.47
Wright Ave.....	No. 28-30.....	.....	.....	26.63
Liberty Ave.....	No. 14-16.....	.....	.....	24.20
Liberty Ave.....	No. 12.....	.....	.....	24.03
Liberty Ave.....	No. 10.....	.....	.....	24.32
Main St.....	No. 425.....	55.17	.....	55.42
Main St.....	No. 317.....	40.00	27.30	51.47
Main St.....	No. 325.....	36.00	27.65	48.66
		279.84	54.95	727.81

SCHEDULE B—Continued

WARD SIX

STREET	LOCATION	Lin. Ft. St. Stone	Lin. Ft. Circle Stone	Sq. Yds. Grano.
Quincy St.....	No. 54-56.....	50.00	.....	30.00
Quincy St.....	No. 57-59.....	50.00	.....	30.19
Quincy St.....	No. 61-63.....	50.00	.....	28.56
Quincy St.....	No. 65.....	100.00	.....	57.61
Quincy St.....	No. 81.....	44.00	.....	29.07
Quincy St.....	No. 77.....	45.70	.....	20.81
Quincy St.....	No. 55.....	50.00	.....	20.39
Quincy St.....	No. 75.....	40.00	27.20	36.23
Quincy St.....	No. 68.....	100.00	.....	57.95
Quincy St., cor.....				
Osgood St.....		40.00	26.55	37.65
Holton St.....	No. 12.....	66.00	.....	42.81
High St., near.....				
Wolcott St.....		20.00	.....	.....
High St., near.....				
Wolcott St.....		10.00	.....	.....
Prescott St.....	No. 27.....	134.95	19.25	113.93
Brooks St.....	No. 60.....	76.00	.....	51.38
Capen St.....	No. 39.....	.....	.....	63.77
High St., cor.....				
Warren St.....	No. 453.....	143.95	33.30	194.63
Boston Ave.....	No. 90-94.....			
Holton St.....	No. 14.....	86.10	.....	193.14
		1106.70	106.30	1027.02

SCHEDULE B—Continued
WARD SEVEN

STREET	LOCATION	Lin. Ft. St. Stone	Lin. Ft. Circle Stone	Sq. Yds. Grano.
Wellington Road.....	No. 62.....	.....	.....	29.18
Wellington Road.....	No. 64-66.....	.....	.....	29.23
Wellington Road.....	No. 68-70.....	.....	.....	29.44
Wellington Road.....	No. 74.....	.....	.....	29.36
Wellington Road.....	No. 78.....	.....	.....	29.20
Wellington Road.....	No. 80-82.....	.....	.....	36.49
Wellington Road.....	No. 22-24.....	.....	.....	31.25
Wellington Road.....	No. 28-30.....	.....	.....	31.00
Wellington Road.....	No. 32-34.....	.....	.....	31.51
Wellington Road.....	No. 36.....	.....	.....	29.86
Wellington Road.....	No. 40-42.....	.....	.....	29.18
Wellington Road.....	No. 44-46.....	.....	.....	29.12
Wellington Road.....	No. 48.....	.....	.....	29.05
Wellington Road.....	No. 52.....	.....	.....	29.02
Wellington Road.....	No. 8.....	.....	.....	37.08
Wellington Road.....	No. 12-14.....	.....	.....	31.20
Wellington Road.....	No. 18-20.....	.....	.....	31.30
Wellington Road.....	No. 3-5.....	.....	.....	33.77
Wellington Road.....	No. 15-17.....	.....	.....	33.52
Fourth St.....	No. 18.....	59.00	.....	10.75
Fourth St.....	No. 35.....	62.75	.....	.....
Riverside Ave.....	No. 571-573.....	.....	.....	108.15
Riverside Ave.....	No. 567-565.....	.....	.....	42.30
Riverside Ave.....	No. 559-557.....	.....	.....	65.22
Riverside Ave.....	No. 561-563.....	.....	.....	41.81
		121.75		857.90

TOTALS FOR THE ENTIRE CITY

CONTINUOUS WALKS

WARD	Lin. Ft. St. Edgestone	Lin. Ft. Cir. Edgestone	Sq. Yds. Granolithic
3	481.06	24.60	521.22
4 .....	.....	.....	425.97
5	1148.25	134.45	.....
	<u>1829.91</u>	<u>159.05</u>	<u>947.19</u>

INDIVIDUAL WALKS

WARD	Lin. Ft. St. Edgestone	Lin. Ft. Cir. Edgestone	Sq. Yds. Granolithic
1	165.45	27.05	31.77
3	123.00	46.80	348.84
4 .....	.....	.....	301.46
5	279.84	54.95	727.81
6	1106.70	106.30	1027.02
7	121.75	.....	857.99
	<u>1790.74</u>	<u>235.10</u>	<u>3294.89</u>

STONE BOUNDS

The following is a list of stone bounds set in 1922:

Street	No. of bounds
Forest Street South of Water Street.....	2
Northeast corner of Water and Forest Streets.....	1
Southwest corner of Ashland and Water Streets.....	1
Ashland Street opposite Chestnut Street.....	1
	—
Total	5

BITUMINOUS MACADAM ROADWAY

The following summary shows a list of bituminous macadam roadway constructed in 1922:

WARD ONE—BY MUNICIPAL LABOR

STREET	FROM	TO	Sq. Yds. Roadway
Sheridan Avenue	Salem Street.....	Fellsway West.....	2,057

Surface Drains

Plans, estimates, surveys and stakings have been made for surface drains as per Schedule C.

Without consulting this department an appropriation of Five Thousand Dollars was made to rebuild the Central Avenue drain, but when the work was started the writer was called in and the principal trouble was found to be at a connection at Garfield Avenue. This was made without a manhole on the main drain, a barrel stave had been carried through the Y and across the drain in such a way as to form a dam and the other material lodging against the stave had blocked the entire system between Garfield Avenue and Park Street. This having been remedied no further complaint has been made.

The Marshall Street and Orchard Street section which has been causing trouble for several years was rebuilt in part, the 8-inch pipe which was entirely inadequate was replaced with 15-inch pipe and new connections, manholes and catch basins installed, and the drain appears to be working in good shape.

This drain, like all built with Y connections in place of manholes, was found to be filled with all manner of rubbish, including laths, sticks, stones and any other thing that the mind of the small boy thought fit to throw into the catch basin.

The situation at Second Street and the Fellsway has been remedied by building a drain in Second Street, from Bradbury Avenue to the Fellsway. Through the initiative of this department one-half the cost of this drain was paid for by the Commonwealth.

Assessors' Plans

Plans were corrected to April 1, 1922, showing all new plottings and buildings.

Fire Department

Locations of additional hydrants have been furnished the department and plotted on the map at the Central Station.

Oak Grove Cemetery

A revised lotting of Brooks Lawn has been made and a plan furnished to the Cemetery Department. Lots were staked out in accordance with this revised plan.

Water and Sewerage Takings and Releases

All necessary plans, descriptions and papers for releases and takings have been made and sent to the Water and Sewer Department.

SCHEDULE C

SURFACE DRAINS BUILT IN 1922

LOCATION	FROM	TO	Length in Ft.	Size	No. of C. B.	No. of M. H.	C. B. Connection	
							Size	Length
College Ave.....	Stanley Ave.....	Stearns Ave.....	187.00	12 in.	1	1	10 in. 8 in.	14.0 ft. 30.0 ft.
Central Ave.	Logan Ave.....	Grant Ave.....	30.00	12 in.	12	1	10 in.	112.4 ft.
Gourley Rd.....	Cor. George St....				3	0	10 in.	80.0 ft.
Lambert St. and Sheridan Ave....					6	0	10 in.	132.0 ft.
Main St.....	East side.....	West side.....	62.70	4 ft. x 6 ft.	2	0		
Main St.....	At Cradock Bridge.			12 in.			12 in.	40.0 ft.
Marshall St.....	Lyman Ave.....	Orchard St.....	406.00	8 in.	1	1	10 in.	178.0 ft.
Second St.....	Fellsway	Bradbury Ave.....	955.00	15 in.	9	0	10 in.	96.0 ft.

Water Works Construction

There have been constructed during the year six thousand five hundred fifty-one (6,551) feet of mains with 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 gatebook.

NEW AND RELAID PIPE INSTALLED IN 1922

LOCATION	NEW					RELAID
	2 in.	4 in.	6 in.	8 in.	12 in.	6 in.
Andrews St. (from Fulton St.).....	25	....	....	....
Bradlee Road.....	33	....	....	....
Clifton St.....	178	....	....	....
College Ave. (Frederick to Windsor).....	135	....	....
Emerald St.....	143	....
Fellsvie Ave.....	101	....	....	....
Fellsway (N'y from Myrtle St.).....	220	....	....	....	....	....
Fulton St. (Lila Ave. to Winslow Ave.).....	620	....	....
Governors Ave.....	120	....	....
Greenleaf Ave.....	28	....	....	8
Hall Rd. (Governors Ave. E'y).....	332	....	....
Hall Rd. (Governors Ave. W'y).....	339	....	....
Hall St.....	333	....	....	....
Hurlcroft Ave.....	654	....	....	....
Linwood St. (S'y from Hurlcroft Ave.).....	243	....	....	....
Medford Memorial Hospital.....	322	....	....	....
Park Ave. (Liberty Ave. S'y).....	99	....	....	....	....
Piggott Rd. (At North St.).....	12	....	....
Porter Road.....	45	....	....	....
Rural St.....	85	....	....	....
Sagamore Park.....	217	....	....	....
Sturges St. (From Elm St.).....	309	....	....	....	....
Surrey St.....	358	....	....	....
Tesla Ave.....	711	....	....	....
Wicklów Ave. (Ext.).....	109	....	....	....
Windsor Road.....	430	....	....	....
Winthrop St. (Near Somerville Line).....	249	....	....	....
Yale St.....	84	....	....	....
	220	409	4205	1567	143	8

Sewer Construction

Seven thousand seven hundred and seventy-two and ninety-seven one hundredths (7,772.97) feet of sanitary sewers have been built during the year. Y locations obtained and record plans and assessment schedules made and forwarded to the commissioners.

The following table shows the total lengths and sizes of sewers on January 1, 1923:

5-inch vitrified pipe sewer.....	97.0
6-inch vitrified pipe sewer.....	14,984.97
8-inch vitrified pipe sewer.....	292,428.04
8-inch cast iron pipe sewer.....	237.0
10-inch vitrified pipe sewer.....	25,599.9
12-inch vitrified pipe sewer.....	14,025.61
12-inch cast iron pipe sewer.....	12.0
15-inch vitrified pipe sewer.....	9,598.3
18-inch vitrified pipe sewer.....	6,968.2
20-inch vitrified pipe sewer.....	4,181.0

or 69.70 miles.

For schedule of sewer constructed in 1922 see next page.

SCHEDULE OF SEWERS BUILT IN 1922

LOCATION	FROM	TO	Length in Ft.	Size In.	No. of M. H.	Chim- neys	Ys.	Character of Soil
Clifton St.....	Sta. 0—0.0..... (Hall Rd.)	Chimney 1—67.17..	167.17	8	0	1	5	Gravel and Clay
Emerald St.....	M. H. 0—0..... (Linwood St.)	M. H. 1—56.63.....	156.63	8	2		6	Sand and Gravel
Forest St.....	M. H. 14—34.85.....	Sta. 17—30.56.....	295.71	8	1	1	17	Loose Gravel
Fellsway.....	M. H. 0—0..... (Myrtle St.)	Sta. 1—09.6.....	109.6	8				
Fellsway.....	M. H. 1—09.6.....	M. H. 3—39.5.....	229.9	6	2		5	Sand and Gravel
Fellsway.....	Chimney 1—71.3.....	M. H. 2—81.38.....	110.08	8	1		2	Gravel
Fellsway West.....	M. H. 1—07.5.....	M. H. 5—05.41.....	397.91	12	4	1	2	Gravel and Clay
Governors Ave.....	M. H. 0—0..... (Hall Rd.)	M. H. 3—18.86.....	318.86	8	1		8	Gravel, Boulders and Ledge
Greenleaf Ave.....	M. H. 3—22.02.....	Sta. 3—77—02.....	55.0	8	0		2	Clay and Gravel
Hall Rd.....	Sta. 4—49.35.....	Sta. 14—23.48.....	974.13	8	5		41	Clay, Gravel, Hard Pan
Hurleroft Ave.....	M. H. 0—0..... (Wicklow Ave.)	M. H. 6—71.15.....	671.15	8	2		26	Sand, Gravel, Clay
Linwood St.....	M. H. 0—0..... (Hurleroft Ave.)	M. H. 5—74.32.....	574.32	8	3		25	Sand, Clay, Fill
Linwood St.....	M. H. 0—0..... (Hurleroft Ave.)	Sta. 2—30.65.....	230.65	8	1		2	Sand and Gravel
Rural St.....	Sta. 4—18.49.....	M. H. 5—25.45.....	106.96	8	1		7	Sand
Sagamore Park.....	M. H. 0—0..... (Woodland Rd.)	M. H. 1—00.15.....	190.15	8	1		8	Loose Gravel, Sand

SCHEDULE OF SEWERS BUILT IN 1922 —(Continued)

LOCATION	FROM	TO	Length in Ft.	Size In.	No. of M. H.	Chim- neys	Ys.	Character of Soil
South St. Cl.....	Sta. 0—0..... (South St.)	Sta. 2—15.57.....	215.57	6	1		7	Sand and Gravel
Surrey St.....	M. H. 8—56.56.....	M. H. 12—24.10....	367.54	8	2		11	Sand, Filling
Tesla Ave.	Sta. 0—0..... (Hillsdale Rd.)...	Flush M. H. 5—52..	552.00	8	3	2	29	Clay, Gravel, Sand
Valley St.....	M. H. 0—0..... (Gravelly Ck.)...	M. H. 1—07.5.....	107.50	12	1		2	Gravel, Clay
Winthrop Ct.	Sta. 0—0..... (Winthrop St.)...	Sta. 0—90.75.....	90.75	8	0	1	2	Gravel
Windsor Rd.	Sta. 8—98.8.....	Sta. 13—01.32.....	402.42	8	2		25	Clay
Woodland Rd.	M. H. 2—74.65.....	M. H. 5—95.17.....	320.52	8	1		13	Loose Sandy Gravel
Wicklow Ave.	M. H. 0—0..... (Central Ave.)...	Sta. 2—46.62.....	246.62	8	1		6	Loose Sandy Gravel
Wedgemere Rd.....	Sta. 0—0..... (George St.).....	Sta. 4—10.....	410.00	8	2		22	Clay, Gravel, Hard Pan
Winthrop St.....	M. H. 4—35.5.....	M. H. 9-01.33.....	465.83	8	3		8	Gravel
			7,772.97	204	40	6	281	

Office

The indexing of plans and level books, calculations and construction records, etc., has been continued.

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

Data to private engineers has been given as requested and information of a varied nature has been given applicants.

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.

Work on renewal of Section No. 13 has been started.

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.

The following persons have been employed in this department during the year 1922:

*John C. Davidson, Instrumentman.....Jan. 1 to Dec. 31
 Fred E. Hatch, Instrumentman.....Feb. 27 to April 15
 Charles H. Pratt, Levelman.....Jan. 1 to Dec. 31
 John J. Cleary, Rodman.....Jan. 1 to Dec. 31
 John E. Grant, Rodman.....Nov. 6 to Dec. 9
 Beryl C. Bacon, Clerk.....Jan. 1 to Jan. 21
 Evelyn S. Hazlett, Clerk.....Oct. 30 to Dec. 9

*Veteran.

Inventory of the Property of the Department

Seven thousand one hundred two plans and profiles.
 Twenty-nine section maps, twenty-four in good condition and five should be renewed.
 One hundred eight survey and level books in use.
 One level book in stock.
 Thirty-one calculation books in use.
 Eight calculation books in stock.
 Ninety-five inspector's note books, used.
 Sixty-eight Y books in use.
 Ten Y books in stock.
 One Buff & Buff transit No. 15833, new.
 One Buff & Berger transit No. 2275, old, but in good working condition.
 One Buff & Buff 18 inch Y level No. 14210, new.
 Three levelling rods.
 Four target rods, old style.
 Two sight rods.
 Miscellaneous surveying tools. (Plumbs, hatchets, drills, etc.)
 One leather tool bag. (Fair.)
 One leather notebook bag. (Fair.)
 One leather Boston bag, for use at Registry.
 Six one hundred foot steel tapes. (New.)

- Two one hundred foot steel tapes. (Poor.)
- Two one hundred foot steel tapes. (Bad.)
- Two tape cases. (New.)
- One fifty foot steel tape.
- One half keg spikes.
- One thousand one hundred twenty stakes.
- One blue print frame. (Poor.)
- One set (100) metallic curves.
- Four drawing tables.
- One drawing table with electric attachment.
- Miscellaneous drawing material, tracing cloth, bond paper, profile paper, detail paper, pencils, etc., small quantity of each.
- Nine stools.
- Four chairs. (Fair.)
- One roll top desk.
- Vault fittings, consisting of plan cases, card index, note book case, correspondence and document files. (Steel.)
- Cement testing equipment. (Poor.)
- One Jupiter pencil sharpener.
- One L. C. Smith & Bros. typewriter. (New.)
- One pantograph.
- One typewriter desk.
- Two planimeters.
- One Stadia slide rule.
- One camera, 5 inches by 8 inches; needs new ground glass.
- Four hundred ninety lithograph maps of Medford.
- One six-tray index case. (Steel.)
- One eighteen-tray index case. (Wood.)
- One four-tray index case. (Wood.)
- One ten-drawer plan case. (Wood.)
- Eight Macey book sections.
- Library, consisting of a few technical books, law books and a number of Reports of doubtful value.
- Miscellaneous stationery, time sheets, time books and account books.

About forty-five thousand index cards in use.

About two thousand index cards in stock.

Above in good condition except as noted.

In storage:

One plan case. (Wood.)

One twenty-four tray index case. (Wood.)

One note book case. (Wood.)

One sliding front case. (Wood.)

One wardrobe. (Wood.)

One bookcase. (Wood.)

One six-tray vertical file case 12 inches. (Wood.)

One eight-tray vertical document file. (Wood.)

One small plan case. (Wood.)

One brass gate and posts.

Recommendations

The building of a new bridge over the Mystic River at Winthrop Street. Preliminary plans for this bridge and water-color sketch showing the character of the same were made by this department several years ago.

A bridge to replace the old structure at Harvard Avenue. The channel of the river has been deepened at this point and the bottom of abutments and center pier are above the bed of the river. This will require concurrent action with the Town of Arlington. These bridges might be made of flat slab construction at less expense than for arches.

The construction of a covered drain for the waters of Whitmore Brook, from Warren Street to High Street, and from the Hose house to the Mystic River.

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

Two Penny Brook. The location of future channel should be established at once. The existing channel is tortuous and crosses numerous house lots as laid out by owners. These are Brooks and Streams and under the jurisdiction of the Water and Sewer Commissioners.

The construction of permanent sidewalks on accepted streets where property is so built up that there will be but slight necessity of tearing up sidewalks to provide for new construction.

The continuation of permanent paving on Salem Street, Main Street, High Street. As the traffic on High Street is much lighter than on Main and Salem Streets, it might be well to use a reinforced concrete or a heavy bituminous pavement in place of granite block.

Determination, relocation and widening of Fulton Street should be taken up in the immediate future before the building along this street makes the costs excessive. This street is the main artery leading to the Fulton Heights District and Lawrence Parks.

A study for the sewerage system for that section of the city lying north of Winthrop Street, Valley Street and the Fellsway and between Fells Avenue and the Mystic Lakes and which was not included in the study made in 1894, should be made at this time, as the conditions are such that the plans, surveys, etc., for this section should be made in order that the sewerage disposal of this section may be done in an orderly manner. For this purpose the first thing needed is a contour map of these sections.

A trunk line of the section from High Street to Wyman Street should be constructed in the near future, thus providing for the disposal of the sewerage of the tract between High Street and the Winchester Line, Woburn Street and Winthrop Street.

Main Street Widening

Cradock Bridge having been widened by the Commonwealth, so that we now have a street approximately seventy feet wide, I feel that this width should be continued at least as far as Charles H. Cavanagh Square before any addition of buildings or improvements are made between these two points.

The following main arteries should be rebuilt at once :

STREET	FROM	TO
Main Street	Royall Street	Somerville Line
Salem Street	Washington Square	Malden Line
Forest Street	Kidder Hill	Fellsway West
High Street	Medford Square	B. & M. R. R.
High Street	Boston Avenue	Arlington Line
Winthrop Street	Winthrop Square	Winchester Line
Boston Avenue	Broadway	High Street

Some of these might be carpet coated, but I think rebuilding will be the most economical in the end.

Respectfully submitted,

FRED R. CHARNOCK,

City Engineer.

Report of the City Messenger

January 8, 1923.

Hon. Richard B. Coolidge, Mayor,
and Board of Aldermen of the City of Medford.

Gentlemen:

I herewith respectfully submit the annual report of this department. This report includes a statement of the work of this department and the expenditures for the year ending December 31, 1922.

During the past year the work performed by the City Messenger has been the care of and supervision of cleaning the temporary City Offices in the Medford Building, in the Police Station Building, in the Water and Sewer Building and the Aldermanic Chamber in the Washington School Hall; also attendance at committee meetings and regular meetings of the Board of Aldermen, and the duties required of the City Messenger by the various officials of the City. The following property is in charge of the City Messenger; one large and one small National flag, Medford Town and City reports, documents of the old town of Medford, and copies of the Acts and Resolves of the Legislature of Massachusetts.

Yours respectfully,

PHILIP S. HOGAN,
City Messenger.

Account City Hall

Amount appropriated	\$12,286.64
Amount receipt	28.18

Total appropriated	\$12,311.82
Amount Expended	11,736.38
Amount transferred to Alder- men's Contingent	500.00

Total Expended	\$12,236.38
Amount appropriated	12,311.82
Amount Expended	12,236.38

Balances	\$75.44
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Salaries:

Night Watchman	\$1,825.00
Janitor	1,825.00
Miscellaneous	543.13

\$4,193.13

Expenses:

Rent of Offices	\$5,700.04
Lights	397.29
Janitor's Supplies	200.81
Towels Service	154.80
Ice and Drinking Cups....	137.00
Repairs	382.57
Miscellaneous	70.86

\$7,043.37

City Hall Equipment:

Window Ventilators	\$34.20
Ventilating Fan	76.73
Painting Offices	207.95

REPORT OF CITY MESSENGER

247

Furniture	163.00	
Ink	18.00	
		<hr/>
		\$499.88
Total		<hr/>
		\$11,736.38

City Messenger's Expenses:

Amount appropriated	\$1,225.00	
Amount expended.....	1,000.00	
		<hr/>
Balances	\$224.92	
Inaugural expenses	\$627.13	
Auto Rental	136.75	
Stationery, Printing and Post- age	113.50	
Telephone	96.40	
Miscellaneous	26.30	
		<hr/>
		\$1,000.08

Report of the City Physician

Medford, Mass., Dec. 31, 1922.

Hon. Richard B. Coolidge,

Mayor.

Dear Sir:

The report of the City Physician, for the year 1922, is herewith submitted:

Number of calls made to the Police Station.....	36
Number of calls made to the City Home.....	85
Number of sick policemen visited.....	18
Number of reports made to the Chief of Police.....	18
Number of sick firemen visited.....	9
Number of reports made to the Chief of the Fire Department	9
Number of calls for police ambulance.....	13
Number of house visits.....	63
Number of office visits.....	29
Number of vaccinations.....	9
Examinations for soldiers' relief.....	3
Examinations made for the judge of the District Court	9
Examinations of people having claims against the City.	3
Days at Court	1

Number of prescriptions written.....	158
Number of reports made on soldiers' relief.....	3

Very respectfully,

EDWARD W. BARRETT, M. D.,

City Physician.

Report of Sealer of Weights and Measures

Medford, Mass., January 1, 1923.

Hon. Richard B. Coolidge,

Mayor of Medford, Mass.

Dear Sir:

I have the honor to submit to you my nineteenth annual report of the Weights and Measures Department of the City of Medford for the year ending December 31, 1922.

Scales	Adjusted	Sealed	Non-Sealed	Con-demned
Platform over 5000 lbs. capacity.....	2	15		
Platform under 5000 lbs. capacity....	9	145		
Counter	12	152		6
Spring balances	8	213		19
Computing	66	159		
Slot personal	1	26		
Prescription	4	19		
Weights				
Avoirdupois	8	1440		15
Apothecary	4	270		
Metric	1	176		
Troy		14		
Capacity Measures				
Dry Measures	2	13		
Liquid Measures		177		10
Yard sticks		32		4
Automatic Liquid Measuring Devices				
Gasoline	34	69	5	2
Oil	11	30	2	
Molasses		7	1	
Casoline stops	109	353		
	<u>271</u>	<u>3319</u>	<u>8</u>	<u>56</u>

Trial Weighing and Measurements, on Wagons and in Stores

Commodity	Number Tested	Correct	Incorrect	
			Under	Over
Charcoal and Coke	70	70		
Coal (in wagons)	10	10		
Coal (in paper bags).....	140	100	40	
Flour	80	70	10	
Butter	80	70	2	8
Dry Commodities	140	138	2	
Bread	220	200	5	15
Confectionery	10	10		
Gasoline and Oil.....	65	60	5	
Wood	90	90		
Totals	905	818	64	23

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

Inspections Made in Stores and Streets

Stores	208
Hawkers and Peddlers	116
Hawkers' and Peddlers' Licenses ...	34
Milk dealers' wagons	59
Coal certificates	118
Junk dealers' wagons	61
Ice wagons	128
Total	724

The shortage in fuel, coal and wood have required far more than ordinary inspections, and 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 and many stores selling 25 lb. bag coal 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.

As the importance of weights and measures inspection is becoming more generally recognized, the work is rapidly expanding from year to year. The laws have been so extended as to apply either directly or indirectly to about every known commodity; their proper enforcement results in the practice of honesty and accuracy in the sale of merchandise, which is of moral as well as financial value to the community. The rising cost in the necessities of life has brought the public in closer touch with the activities of the Department and has led to new problems, the solution of which has been of distinct value to everyone.

Beside the testing and sealing which takes the greater part of the year, there has been inaugurated a system of re-inspections at irregular intervals of apparatus used by the merchants, re-weighing of weighed-out packages, such as potatoes, beans, peas, coffee, sugar, butter, lard, etc., and inspections of berry boxes in their season.

Peddlers and junk dealers have been closely followed up, their scales constantly kept in order and upon the whole have given fairly good satisfaction.

Gasoline 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 perhaps 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.

The revenue derived from sealing and adjusting in no sense can be used as a measure of the department's efficiency. Should the effort annually made and supported by some powerful interests result in legislation that will abolish the fee system, the cost of maintaining the department entirely from the tax levy would be warranted because of the protection afforded to both seller and purchaser.

That the use of incorrect measures is being rapidly decreased by the work of the department there is no doubt. While the number of measures and other articles inspected this year is greater than last year, the per cent. of scales, measures, etc., that were found incorrect has been decreased materially.

It has been the policy of the Sealer to bring about a proper respect for the Weights and Measures Laws, without resorting to extreme measures when possible so to act. He welcomes all complaints for violation of the statutes and while treating them confidentially, thoroughly investigates such claims and takes such action as the circumstances may dictate.

While in favor of prosecution in cases of inexcusable carelessness, as well as fraud, he does not believe in drawing the lines so closely as to include the cases of technical violation in which neither carelessness nor fraud is shown. The intent of the seller and the conditions under which the violations were made should be first passed upon.

While the sale of coal in this city for the past few months has decreased to approximately 60 per cent, the sale of stove wood has increased 75 per cent. My inspections show that there are no "peddlers" of fuel selling such material in Medford.

Labor and expense in this department increases yearly, with little prospect of any reduction in the coming months, though economy to the utmost be practiced.

For carrying on the necessary work of this department for the ensuing year, I would respectfully recommend that the sum of Five Hundred Dollars (\$500.00) be appropriated.

Respectfully submitted,

WINSLOW JOYCE,

Sealer of Weights and Measures.

Report of Superintendent of Wires and Gas Fitting

Medford, Mass., January 10, 1923.

Hon. Richard B. Coolidge,
Mayor of City of Medford.

Dear Sir :

I have the honor of submitting the fifteenth annual report of the Department of Wires and Gas Fitting ending December 31, 1922.

Police Signal System

The Police Signal System is in great need of new apparatus to replace worn out parts, also a storage battery and charging board.

I also renew my recommendation that the underground wire service be extended and that the Blue Light Signal be introduced.

Fire Alarm Signal System

The Fire Alarm has had no failure during the past year.

A start has been made to install all city wires at the lower part of pole where all other low voltage wires are installed. I hope to continue on with these changes.

I renew my recommendation of extending underground wires.

The protection of schools by fire alarm service should be considered.

Street Lights

The Street Lighting Contract expired March 10, 1920. The Malden Electric Light Company has a new plan and schedule of prices for acceptance or rejection.

At present the following number of street lights are in operation:

910— 60 C. P. inc. @ \$15.00 per year

209—250 C. P. inc. @ 60.00 per year

17—250 C. P. inc. @ 43.80 per year

All 60 watt lamps are lighted from darkness until 2 a. m.

All 250 watt lamps are lighted from darkness until dawn.

I recommend that all street lights be lighted from darkness until dawn.

Gas Piping and Fixtures

Number of permits issued..... 209

Number of tests and inspections.. 570

Fees received for gas permits....\$162.25

Interior Wiring of Buildings

Number of permits issued..... 870

Number of wiring notices received 1266

Expenses

	Appropriations	Receipts	Expended	Transferred	Balance
Salary of Superintendent....	\$2,300.00	.....	\$2,300.00	.....	.....
Electrical Dept. Expenses....	800.00	\$26.33	\$20.55	.....	\$5.76
Fire & Police Signal Service	2,000.00	\$1,222.00	3,279.31	\$12.69	.....
Fire Alarm Signal Equipment	.....	500.00	501.07	7.97	6.90
Police Signal Equipment.....	.....	.....	59.94	80.04	20.10
Street Lighting	26,800.00	12.69	26,807.25	.....	5.44
Salary of Lineman.....	1,716.00	.....	1,716.00	.....	.....

Respectfully submitted,

HENRY A. GAFFNEY,

Supt. of Wires & Gas Fitting.

Report of the Trustees of Cemeteries

Medford, Mass., January 1, 1923.

Honorable Richard B. Coolidge,

Mayor of Medford, Massachusetts.

Dear Sir:

In accordance with the provision of the Charter, the Trustees of Cemeteries hereby respectfully submit their annual report.

During the year 1922 there were 235 interments in Oak Grove Cemetery as follows:

In private lots	108
In single graves	96
In free graves	30
In World War lot	1

235

Nine of these buried in private lots were cremations.

There were two transfers within Oak Grove Cemetery.

Twenty-two bodies were placed in the receiving tomb during the year, sixteen of which were buried in Oak Grove Cemetery, five were removed to other cemeteries out of Medford, one now remains in the tomb.

There were no interments in Salem or Cross St. cemeteries.

Sale of Lots and Graves

Lots sold during the year..... 24
Single graves sold during the year.... 88

Perpetual Care

Amount added to the Perpetual Care Fund in
1922 \$3,089.00
Total amount of Perpetual Care Fund in the
hands of the Sinking Fund Commissioners.. 65,855.84
Receipts as per detail attached:

TRUSTEES' RECEIPTS AND DISBURSEMENTS

OAK GROVE CEMETERY, YEAR 1922

RECEIPTS MONTH	Total	Graves	Inter- ments	Lots	Part Payments	Founda- tions	Plants	Evergreen and Device	Perpetual Care	Misc.	Tomb	Interest
January	\$597.38	\$35.00	\$112.00	\$240.38	0.00	7.00	\$5.50	\$17.50	\$150.00	\$20.00	\$10.00	\$1.23
February	1,031.06	215.00	512.50	131.06	0.00	6.30	0.00	5.00	110.00	25.20	26.00	1.26
March	812.50	310.00	134.00	133.00	100.00	0.00	0.00	32.50	75.00	12.00	26.00	.52
April	959.00	235.00	162.00	280.00	0.00	19.50	0.00	17.50	225.00	20.00	0.00	1.66
May	1,612.08	510.00	212.50	370.00	205.00	25.62	38.96	10.00	350.00	90.00	0.00	.43
June	1,037.82	190.00	134.50	343.82	20.00	6.00	23.50	7.50	287.50	25.00	0.00	.65
July	1,050.50	345.00	202.00	279.50	0.00	0.00	5.50	20.00	172.50	23.00	3.00	1.41
August	895.50	215.00	117.00	255.00	77.00	0.00	44.00	17.50	150.00	20.00	0.00	2.16
September	963.50	190.00	184.00	267.50	0.00	6.00	12.00	12.50	217.50	74.00	0.00	2.25
October	2,563.00	470.00	740.00	254.50	0.00	457.00	7.00	15.00	422.50	197.00	0.00	1.20
November	711.12	285.00	109.50	115.00	20.00	43.62	2.00	5.00	75.00	46.00	0.00	.27
December	1,129.70	175.00	120.00	472.75	0.00	11.20	4.00	14.50	288.75	38.50	5.00	.57
Interest	13.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	\$13,576.77	\$3,185.00	\$2,740.00	\$3,142.51	\$422.00	\$582.24	\$142.46	\$164.55	\$2,523.75	\$590.70	\$70.00	\$13.61

TRUSTEES' RECEIPTS AND DISBURSEMENTS—Continued

DISBURSEMENTS			CASH RECONCILIATION		
Check No.	Treasurer	Collector			
204	\$1,000.00		Cash in Bank January 1, 1922..	\$326.59	
5		\$172.00	Cash Deposit in Transit.....	605.00	\$931.59
6	344.00				
7	1,280.00		RECEIPTS TO DEC. 31, 1922		
8		169.50	Receipts	\$13,563.16	
9	685.00		Interest	13.61	\$13,576.77
10		199.00			
1	1,010.00		Total		\$14,508.36
2		347.08			
3	1,805.00		DISBURSEMENTS TO DEC. 31, 1922		
4		422.00	Payments to City Collector....	\$3,795.40	
5		178.50	Payments to City Treasurer....	10,344.00	\$14,139.40
6	795.00				
7	225.00				
8	890.00		Balance Cash Medford Trust Co.		
9		298.50	Dec. 31, 1922.....		\$368.96
20		1,618.00			
1	920.00		REPRESENTING		
2	455.00		Part Payments	\$345.00	
3		196.12	Interest and Suspense.....	23.96	\$368.96
4		194.70			
5	935.00				0.00
Totals	\$10,344.00	\$3,795.40			

The Trustees respectfully request an appropriation of \$8,369.66 for the ensuing year as follows:

Plants and shrubs	\$1,200.00
Fertilizer	1,000.00
Boundary Posts	500.00
Painting and upkeep of buildings, (that is office building, caretaker's house, stable and tool shed)	450.00
Resurfacing driveway from main drive around by tomb containing approximately 13,000 ft.	1,400.00
Pay Roll estimated	15,000.00
General Expenses, which are tools, keeping horses, repairs, auto, light, heat, office expenses, etc.	3,000.00
New Development, in four and single grave sections	1,500.00
Total estimated expenses	\$24,050.00
Total estimated receipts	13,580.34
Total estimated receipts Sinking Fund	2,100.00
Total appropriation required	\$8,369.66

Salem and Cross Street Cemeteries

We recommend an appropriation of \$1,500.00 for these cemeteries as follows:

Regrading and resetting stones, repairing and painting fence, putting in good condition Cross Street Cemetery	\$1,200.00
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General care of Salem Street Cemetery	300.00
Total	<u>\$1,500.00</u>

Respectfully submitted,

ELLERY A. ARMSTRONG,
S. H. THURBER,
WALTER J. BALLOU,

Trustees of Cemeteries.

Report of the Trustees of Public Library

January 30, 1923.

Hon. Richard B. Coolidge,

Mayor of Medford.

Dear Sir:

The trustees of the Public Library herewith present their annual report for the year 1922.

We feel that we may again say that the usual amount of work has been done as in past years and that the wants of the public have been reasonably supplied.

For a number of years in previous reports we have called attention to the need of painting the library buildings and this year we are pleased to say that this has been accomplished.

Shelf room has been another of our needs, and while we have provided temporarily for some of our books we must have more space for them that they may be preserved and made accessible.

In this connection it is only fair to state that very soon we ought to have safer and more permanent storage for our books, portraits and historical matter which we are compelled to keep in our wooden buildings.

Many of our citizens use the library and very many do not. Our city is so extended and transportation is so inconvenient to some sections that the library is not easily visited by a large percentage of our people.

Every year we have asked for branches that more of our city could be given the use of our facilities but so far we have received no encouragement in our efforts.

Agencies are maintained in four sections of the city but we are not satisfied with this work. It is better than nothing, perhaps, but we are inclined to believe that it is not a very great help to anyone.

The American Library Association claims that to give the whole community library privileges an appropriation of one dollar per person of the entire population would be necessary.

The foregoing is for your consideration and whenever it is possible to do so we shall be only too glad to extend our service.

For the details of administration we refer to the report of the librarian which follows.

REPORT OF THE LIBRARIAN

To the Trustees of the Medford Public Library:

Gentlemen:

The report for the year 1922, herewith submitted, is the 67th report of the Library. It now numbers 62,971 volumes. The total increase in circulation over that of last year is 6,678. The increase of 6,923 in the adult department is slightly offset by a decrease in the Juvenile department. This decrease is due to the fact that we were unable to duplicate many books, equally suitable for both buildings, and have permitted children to draw such from the adult library. The circulation from the School Collection from January to June was 19,008. Had this work been continued throughout the year, these figures would have been much larger.

One thousand one hundred and thirty-seven new registrations have been received. Within a few days, instructors from the Evening School brought a class to the Library.

Many of the pupils, all of different nationalities, had never been inside a public library. All but one, who had not yet learned to write his name, registered and took out books.

Our slowly growing music collection is much used. It could be made of greater service if we could have the use of a piano, so that music might be tried here. Space could be found for one in the Annex in the room used for story telling, where the reading public need not be disturbed. Perhaps the music teachers of Medford or the Singers' Society can help us to secure an instrument.

We have talked about crowded conditions unceasingly for several years, and have petitioned in vain for relief. Once again we implore the consideration of the following figures which speak for themselves.

The number of feet of shelving in the main library is 6,951.

The number of feet of books in the same building is 7,521—nearly 600 feet more of books than of shelving. This does not include about 300 gifts which for lack of space are left in piles. Window seats were used at first to hold the overflow, but as people pulled them out carelessly, they were badly damaged in the binding, and we now have recourse to the floor. Those that are down need fear no fall. If this situation is allowed to continue, I can see nothing before us but to return to the prehistoric practice of excluding the public from the stacks, and filling them with extra shelving. Plain wood shelving reaching nearly to the ceiling was put in the Document Room in August to accommodate books of waning popularity, which had been stacked two deep in the back room. When all have been moved they can be reached by agility and a step ladder. Arrangements for the extension of the glass floor for which we had tried to save from our book appropriation were not brought to a satisfactory conclusion. Although we were thereby enabled to purchase finally the books which we had denied ourselves throughout the year, we still have to meet the problem of book space which the figures given above indi-

cate. Without current books we cannot hope to be a progressive library; hampered by lack of shelving their availability and working value is diminished.

Many appeals have been made for the restoration of the Pay Collection,—by parents who felt that their daughters were here exposed to a safe collection, and by men and women from different sections of the city who were willing to pay the small amount charged in order to get current books more quickly than by the usual channels. For thirty or more years a constantly increasing number of libraries have felt that this is the only solution of a serious problem—how to gratify the desire for new books without useless expenditure for ephemeral literature,—since it makes copies of books for which no charge is made freer to those who do not care to pay, and eventually puts at their disposal more copies than any library is warranted in purchasing of what is practically deadwood before the year is over. May I ask your consideration of such appeals, both written and spoken.

Reference Room

While figures of circulation have a meaning to the outside world, the untabulated work of the Reference Room is a far greater indication of public service. It should be the most strongly fortified of all departments of the library. It is here that opportunities come most frequently for self-improvement. No one should be assigned to the work who has not the disposition to grasp such opportunities in order to pass on the experience gained. It should be a well remunerated service. Miss Woodward took up the work in September and has carried it on successfully and with great devotion.

Children's Room

The number of books circulated from the Children's Building was 25,233. There has been no apparent lack of

interest in the library by the children, as testified by after-school attendance. Children's Book Week exhibit, now an established feature in all libraries, while held in the main building for the benefit of parents, was duplicated in work and interest in the Annex. Miss Clark, whose good influence over the children is much appreciated, had a case of books suitable for a home library, and children were asked to name books which they most enjoyed. Seventy-five slips were handed in, listing about 600 titles. This led to interesting talks about books at the desk. Lists submitted were by young people of from 6 to 13 years. The most votes were given for the Lang Fairy Book, the "Twin" books by Lucy Fitch Perkins, and that good old favorite, "The Little Lame Prince," by Miss Muloch. May its popularity never wane.

Work With the Schools

More reference work has been done with school children than ever before. Double sessions in so many rooms have kept the force busy mornings as well as afternoons. It is with great regret that I report that the circulation of books through the schools was given up in June at the request of the Superintendent of Schools, who wished to substitute work of a different nature. Started in 1896 by my predecessor, with no thought of supplying supplementary reading, but to reach homes where books were practically an unknown quantity, especially those of foreign parentage, results were more than justified. Frequent requests were made to retain the books longer than the allotted time, because parents had not finished them, and parents who had never before made use of the library, found that it had something they could use. This was many years before "Americanization" as a public factor began to claim attention. Directly following the retirement of Mr. Charles H. Morss, as superintendent, in 1909, who most heartily cooperated in this plan, there was an increasing tendency to

take a narrower view of the work and to expect the library to do the work of the school department by supplying only supplementary reading. The main purpose of the library as an educational factor is to continue the work of education after pupils have left school.

The Library Staff

In January Miss Margaret P. Hazen was promoted to the position of the Circulating Department, and has fulfilled the duties most satisfactorily. Miss Edith Waters at the same time was appointed senior assistant at the Desk and is doing good work. In September Miss Helen Lockwood resigned as Reference Librarian, going to the Chelsea Public Library. Miss Anita Woodward was transferred to the Reference Department and has zealously performed its arduous duties. These three need especial commendation for their willingness to help overcome all difficulties. Because of insufficient salaries we are subject to a constant drain upon our forces from libraries better favored in this respect, and we are obliged to accept inferior help, to the manifest annoyance of the public which feels itself entitled to better service. Miss Alicia A. Gould is at present filling the vacancy which occurred on Miss Waters' promotion. With two less assistants in the main building today than we had in 1901, it is obvious that work must continually pile up without hope of completion.

Gifts

Gifts of books, periodicals or pictures have been received from the following named people, who unless otherwise specified, are all residents of Medford:

Miss Mary A. Ayres, Mrs. George Batchelder, Mrs. Edmund Bridge, Professor Howard H. Carroll and the Misses Carroll, Mrs. James W. Cass; Miss Alice G. Chandler, Lancaster; Mrs. Charles T. Daly, Mrs. Elmer Drowne; Dr. Law-

rence B. Evans, Washington; the heirs of Mrs. Daniel Gleason, Misses Charlotte and Emily Hallowell, Mrs. N. P. Hallowell, Miss Catherine E. Harlow, Mrs. Mary H. Hayes, Mrs. A. A. Joyce, the Rosewell B. Lawrence estate, the heirs of Miss Agnes W. Lincoln; Mrs. F. S. Mead, Brookline; Miss Harriette McGill, The Medford Shakespeare Club, Mr. E. B. Moore, Mr. Edward M. Peters; Miss Ada L. Pratt, Roxbury; Miss Anna M. Roberts; Mr. Thorvald Solberg, Washington; Miss Katherine H. Stone, Miss Mary D. Thatcher, Miss M. Louise Washburne; Captain Alden H. Waitt, Edge-wood Arsenal, Md.; Miss E. Josephine Wilcox; Mrs. Wallace D. Williams, Revere.

A bust of Clytie has been placed in the library by Mrs. Norman F. Chandler, and a copy of an Anglo-Saxon poem, "The Owl and the Nightingale," given by The Medford Shakespeare Club as a memorial to the late Miss Agnes W. Lincoln, because of her interest in Anglo-Saxon literature. Two models of the keels of ships built in Medford, given to the Library about thirty years ago by Mr. George S. Hatch, have been taken from a room not now open to the public and hung in the stack room, as a constant reminder of our earliest industry. While for greater protection from fire these are not hung in the original part of the library, it is fitting that one of these at least, the "Thatcher Magoun," should be placed in a building associated with the name of Medford's shipbuilder. A French clock, the property of the late Miss Agnes W. Lincoln, was put in repair and given to the library by her heirs; it has been placed in the librarian's office.

Our cordial thanks are due to Mr. J. T. Whitney, instructor in Manual Training and to the pupils of the High School printing class, for printing cards of invitation to the Children's Book Exhibit, and to the Police Department for their valuable assistance in securing the return of overdue books.

Respectfully submitted,

A. L. SARGENT,
Librarian.

Library Expenditures for 1922

Salaries of Librarian and as-		
sistants	\$7,187.76	
Janitor and Page	1,281.20	
Books	4,944.56	
Binding	738.13	
Fuel	588.14	
Periodicals	403.69	
Telephone	68.74	
Repairs	1,453.61	
Lighting	227.34	
Supplies	421.83	
Postage	51.79	
Miscellaneous bills of small		
amounts	216.51	
Messenger	23.70	
Express	50.99	
Furniture	494.45	
Catalog	208.75	
	<hr/>	\$18,361.19
Unexpended		136.03
		<hr/>
Receipts as follows:		\$18,497.22
Held over for uncompleted con-		
tract for painting	\$475.00	
City appropriation	14,415.00	
Dog tax	2,712.81	
Income from funds	150.47	
Insurance on books burned at		
West Medford	31.12	
Fines and Books lost and		
damaged	712.82	
	<hr/>	\$18,497.22
Appropriations for Agencies ..	600.00	
Expended	508.33	
	<hr/>	
Unexpended	\$91.67	

We recommend the sum of \$17,635.00 for the use of the

library for the coming year as follows:

Salaries of librarian and assistants	\$7,500.00
Janitor and Page	1,300.00
Lighting	225.00
Fuel	750.00
Periodicals	450.00
Binding	1,000.00
Books	3,000.00
Supplies	450.00
Miscellaneous	300.00
Express	100.00
Repairs	1,000.00
Telephones	75.00
Catalogues	300.00
Postage	60.00
Messenger	25.00
Furniture and fixtures	500.00
	<hr/>
	\$17,035.00
Agencies	600.00
	<hr/>
	\$17,635.00
Deduct dog tax and income from funds	2,500.00
	<hr/>
General and necessary expense for 1923 ..	\$15,135.00
Special estimate for needed stack	2,500.00
	<hr/>
	\$17,635.00

Respectfully submitted,

ERNEST B. MOORE,
EDWARD M. BARNEY,
ALAN A. CLAFLIN,

Trustees of the Public Library.

Report of the Street Commissioner

January 2, 1923.

Honorable Richard B. Coolidge,

Mayor of Medford,

Medford, Massachusetts.

Dear Sir:

In response to your request and in compliance with the City Charter, I submit the following report of the work in the Highway and Moth Departments for the fiscal year 1922.

Collection of Ashes

I wish to state that we have only four (4) places to dump ashes where we used to have about thirty (30), which means added expense.

Collection of House Offal

For the past two (2) years we have had to deliver the garbage at Lexington; a new contract being made will make a considerable saving although we will have to add another team for collection.

Snow Removal and Sanding

This winter has been the hardest in a good many years and naturally the cost has risen, but with the addition of the truck plows I think we have done well at times to keep our streets open.

Street Cleaning

Every street in the city will be cleaned up beginning the latter part of March, immediately after which repairing same will begin.

Street Repairing and Resurfacing

As soon as street cleaning is done this work will start and I am sure that most of our streets will be placed in good condition after the severe winter, and especially on account of the ruts.

Catch Basins

It is absolutely essential that they be cleaned twice a year although there are times when we are unable to do it on account of funds.

Care of Trees

This account means setting out new trees and protectors, cutting down old and dead trees; of the latter there are many stumps still standing. Elm, Beetle, Leopard Moth and all insects excepting Gypsy and Brown-tail Moths.

Gypsy and Brown-tail Moths

This work must be carried on to keep these insects in suppression. I think that Medford stands as good as any city in the Commonwealth on this subject.

Bridges

We have the following bridges under our care:

Harvard Avenue—one-half.

High Street—one-half.

Boston Avenue—one-half.

South Street—all.

North Street—approaches only.

High Street footbridge—all.

Otis Street footbridge—all.

Street Watering and Oiling

There is only one recommendation I can make and that is more of the streets receive a surface treatment and sand cover, which not only makes the street lasting but also helps to bind.

Guide Boards and Street Signs

This is a very important matter as every street and private way in the City should bear a sign so that the public can locate same without difficulty.

Surface Drains Construction

New drains ought to be built on Harvard Street, Riverside Avenue at Spring Street, Powder House Road to River, Yale Street, Princeton Street, and on Willis Avenue, which runs parallel to Main Street, and the following streets drain to it: Bowen Avenue, Golden Avenue, Wright Avenue, Harvard Street and Alexander Avenue. The ends of these are in a very bad condition.

Sidewalks and Edgestones

Petition and Maintenance, which means care of permanent walks now in existence and walks petitioned for

through the Board of Aldermen and one-half paid by the owner in advance of the work being done. We have at the present time a large number of petitions passed at the end of 1922 waiting to be put in.

The men employed in this Department have steady work excepting the extra men who are put to work for a stated time.

I wish to thank the City Government for their co-operation, and in closing hope that the City of Medford will boom as never before. As I leave office I so pledge myself.

Respectfully submitted,

H. G. KENNEDY,

Street Commissioner.

General Repairs of Highways

Appropriation and receipts.....		\$66,807.08
Debit balance from 1921..	\$121.27	
Payrolls	37,156.78	
Invoices	29,517.91	
		<hr/>
		\$66,795.96
		<hr/>
Balance transferred to Ex-		
cess and Deficiency...		\$11.12
Care of City Stable and Yard:		
Payrolls	\$6,419.14	
Invoices	4,975.35	
		<hr/>
	\$11,394.49	
Cleaning Catch Basins, Payrolls	2,899.22	
Patching Streets, Payrolls....	8,895.58	
Removal of Snow, Payrolls....	7,378.41	
Street Cleaning and Section		
Men, Payrolls	11,564.43	
Telephones	19.03	

Printing and Insurance.....	191.00	
Steam Roller Maintenance	101.03	
Tools, materials, repairs and equipment	24,231.50	
	<hr/>	\$66,674.69

Collection of Ashes and Paper

Appropriation including trans- fers	\$36,500.00
Receipts	833.20
	<hr/>
	\$37,333.20

Payrolls	\$33,638.10	
Tools and Repairs.....	469.29	
Equipment and forage....	2,997.19	
Miscellaneous	162.00	
	<hr/>	\$37,266.58
Transferred to Excess and Deficiency		\$66.62

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

Year	Single loads	Double loads	Truck loads
1915	12,301	1,573	171
1916	13,565	2,315	242
1917	12,291	2,457	1,051
1918	9,866	2,647	2,644
1919	10,200	1,670	2,499
1920	10,699	4,242	2,728
1921	8,776	4,642	3,164
1922	2,829	8,029	3,669

The following loads of paper were collected during 1922: Single loads, 961.

Collection of Offal

Appropriation		\$23,500.00
Receipts		4,125.00
		<hr/>
		\$27,625.00
Debit balance from 1921..	\$1,241.93	
Payrolls	20,598.28	
Tools, materials, repairs ,		
and supplies	5,094.27	
Miscellaneous	685.45	
	<hr/>	
		\$27,619.93
		<hr/>
Transferred to Excess and		
Deficiency		\$5.07

Loads of Offal collected during the past four years:

Year	Single loads
1919	2,447
1920	2,505
1921	2,707
1922	2,920

Care of Bridges

Appropriation		\$100.00
Receipts		33.45
		<hr/>
		\$133.45
Payrolls	\$126.43	
Supplies, materials and re-		
pairs	7.00	
	<hr/>	
		\$133.43

Guide Boards and Streets Signs

Appropriation		\$600.00
Payrolls	\$270.21	
Signs	126.75	

Traffic signs	20.00	
Miscellaneous	152.40	
Lumber	30.10	
	<hr/>	\$599.46
Transferred to Excess and Deficiency		\$54

Thirty-eight signs have been placed during the past year, including posts, as follows:

Single

Myrtle Street	Emerald Street
Sheridan Avenue	Amaranth Avenue (2)
Brookings Street	Winthrop Court
Grove Street	Spring Street
Century Street (2)	Albion Street
Warren Street (2)	Shapley Avenue
Woburn Street	Oakland Street
Gleason Street	Forest Street
Winthrop Street	Poole Street
Bow Street	Maple Avenue
Bristol Road	Frederick Avenue (2)
Cedar Road	Jerome C. Judkins Square

Double

Yale Street	Emerson Street	Cottage Street
Hamilton Street		Douglas Road

Oblong Signs—Traffic Signs—Private Ways

Barnard Road	Winthrop Place	No Parking (2)
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Sidewalks and Edgestones Construction

Balance from 1921.....		\$5,400.14
Payrolls	\$3,108.93	
Materials	1,050.24	

Edgestone	508.37	
Engineering and Miscel- laneous	97.04	
Tools, materials, repairs and equipment	635.56	
		<hr/>
		\$5,400.14

See City Engineer's report for the total amount of Side-
walks and Edgestones Assessments for 1922.

Sidewalks and Edgestones Maintenance and Petitions

Appropriation		\$22,826.90
Receipts		955.20
		<hr/>
		\$23,782.10
Debit balance from 1921...	\$305.97	
Payrolls	12,518.80	
Materials and supplies....	5,470.05	
Tools and repairs.....	361.81	
Miscellaneous, including engineering	659.66	
		<hr/>
		\$19,316.29
		<hr/>
Balance from 1922....		\$4,465.81

For total amount of edgestone and granolithic put in
on Petition for 1922, see City Engineer's report.

Surface Drains Construction

Balance from 1921.....		\$15,541.33
Appropriation		7,000.00
Receipts		1,650.00
		<hr/>
		\$24,191.33
Payrolls	\$10,350.68	
Materials, etc.	6,583.28	
Tools, repairs, etc.	637.45	

Miscellaneous, including engineering	234.04	
	<hr/>	\$17,805.45
Balance		\$6,385.88

Surface Drains were laid in the following streets:

College Avenue	Marshall St. and Lyman Avenue
Two-Penny Brook Culvert	Central Avenue
Brooks Street	Second Street

Surface Drains Maintenance

Appropriation, including Transfers.....	\$500.00
Receipts	10.00
	<hr/>
	\$510.00
Payrolls	\$510.00

Widening Salem Street

Balance from 1921.....	\$4,394.81
Payrolls	\$2,747.70
Tools and repairs	37.62
Materials and supplies....	1,527.85
Miscellaneous, including engineering	81.64
	<hr/>
	\$4,394.81

Amaranth Avenue Construction

Balance from 1921.....	\$1,550.47
Payrolls	\$470.89
Materials and supplies....	1,079.58
	<hr/>
	\$1,550.47

Dwyer Circle Construction

Balance from 1921	\$5,243.91
Payrolls	\$2,788.48

Materials and supplies....	2,437.27	
Miscellaneous, including engineering	10.64	
		<hr/>
		\$5,236.39
Balance		<hr/>
		\$7.52

Gourley Road Construction

Balance from 1921.....		\$3,235.58
Payrolls	\$2,554.60	
Materials and supplies....	680.98	
		<hr/>
		\$3,235.58

Watering Streets

Appropriation		\$20,000.00
Payrolls	\$2,517.63	
Oils	14,820.23	
Repairs	1,758.45	
Sand	854.64	
Abatements	24.95	
		<hr/>
		\$19,975.90
		<hr/>
		\$24.10

Stone Bounds

Appropriation		\$100.00
Payrolls	\$82.95	
Engineering	14.24	
		<hr/>
		\$97.19
		<hr/>
Transferred to Excess and Deficiency		\$2.81

Stone Bounds

Appropriation, including transfer.....		\$6,000.00
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Payrolls	\$5,940.03	
Materials, tools, repairs and equipment	59.68	
		<hr/>
		\$5,999.71
Balance transferred to Ex- cess and Deficiency...		<hr/>
		\$.29

Care of Trees

Appropriation		\$6,000.00
Receipts		174.76
		<hr/>
		\$6,174.76
Payrolls	\$5,876.33	
Trees and protectors.....	205.00	
Tools, materials, repairs and equipment	82.45	
Miscellaneous	4.50	
		<hr/>
		\$6,168.28
Balance transferred to Ex- cess and Deficiency...		<hr/>
		\$6.48

Paving Gutters

Appropriation		\$500.00
Payrolls	\$500.00	

Permanent Hassam Block Paving

Balance from 1921.....		\$146.21
Payrolls	\$146.21	

Pension Account

Appropriation, including transfer.....		\$3,560.00
Payrolls	\$2,950.00	

Transfer	500.00	
	<hr/>	\$3,450.00
Balance transferred to Ex-		
cess and Deficiency...		\$110.00
Tar Walks		
Appropriation		\$500.00
Payrolls	\$479.20	
Materials and supplies....	20.00	
	<hr/>	\$500.00
Office Expenses		
Appropriation		\$2,000.00
Payrolls	\$1,805.54	
Telephone	118.71	
Supplies	60.75	
Printing, etc.	15.00	
	<hr/>	\$2,000.00
Edward Street Construction		
Balance from 1921.....		\$3,500.00
Payrolls	\$1,926.82	
Materials and supplies....	1,502.11	
Miscellaneous, including		
engineering	71.07	
	<hr/>	\$3,500.00
Sheridan Avenue Construction		
Balance from 1921		\$4,000.00
Transfer		86.32
		<hr/>
		\$4,086.32
Payrolls	\$2,564.25	
Tools and repairs	15.59	
Materials and supplies....	1,506.48	
	<hr/>	\$4,086.32

Gravel Sidewalks

Appropriation		\$1,500.00
Payrolls	\$813.06	
Materials	686.94	
	<hr/>	\$1,500.00

Permits were granted as follows:

Boston Elevated Railway Company.....	13
Boston & Maine Railroad Company.....	5
Eastern Massachusetts Electric Railway Company....	1
Malden Electric Company.....	102
Malden and Melrose Gas Light Company.....	231
Miscellaneous	46
New England Telephone & Telegraph Company.....	58

Total 456

The cost of half-holidays and vacations were as follows:

Half-Holidays	\$13,738.47
Vacations	4,738.78
	<hr/>
	\$18,477.25

Charged against the different appropriations on which the men were working as vacations time came along.

Report of the Schoolhouse Building Commission

Medford, Mass., February 20, 1923.

Hon. Richard B. Coolidge,
Mayor, Medford, Mass.

Dear Sir:

The Schoolhouse Building Commission for the City of Medford submits the following report of its activities for the year ending December 31, 1922.

Following its appointment and qualification, the Commission met and organized on March 9, 1922. During the year 26 meetings were held.

The first problem confronting the Commission was the construction of a new Junior High School in South Medford which had been named by the School Committee the "Lincoln Junior High School." A bond issue of \$400,000 had been authorized, but it was found necessary to obtain an amendment to the law and this was not accomplished until May 27th. As soon as the Board of Aldermen, the latter part of June, appropriated the \$375,000 requested by the Commission it determined upon the plans and specifications, advertised for bids, and on August 31, 1922, executed the final contracts at a price, including the architect's fee, within the appropriation. Work was immediately begun and satisfactory progress was being made at the end of the year. The general contract calls for completion on August 1, 1923, and the Commission hopes to have the building ready for occupancy with the opening of school in the fall of 1923.

The inadequate heating and ventilating conditions of the Centre School next demanded the attention of the Com-

mission. In June \$12,000 was appropriated for a new heating and ventilating plant, which was installed by Huey Brothers Company and was in operation December 20, 1922, at a cost well within the appropriation.

In May a resolution from the Board of Aldermen was received requesting the Commission to make certain alterations in school buildings to meet recommendations made by the State Department of Public Safety in regard to fire hazards. The Commission immediately employed J. D. Leland & Co., architects, to make a survey of the school buildings with the State Police recommendations as its basis and to report thereon with an estimate of the cost. A full report was made indicating an estimated cost approximating \$30,000. This report was transmitted to the Mayor for an appropriation of \$9000 to cover certain alterations in the Brooks, Dame, High, Old Curtis and Gleason Schools, these being considered the most pressing with the exception of the Lincoln School and in respect to this it was determined that more extensive alterations must be made which required further consideration. The appropriation requested was not made available because the request came too late to allow of the amount being raised in the tax levy and the work was of such a character that it could not be bonded, and this extremely important work has not been done. The Commission intends to press its request for an appropriation to cover this work.

In September the School Committee requested the Commission to replace the wooden portion of the James School on Spring Street with a modern structure. A study of the problem was made and an appropriation of \$95,000 for an eight-room addition was requested. This request was made too late for a bond issue to be authorized and made during 1922.

In October the Board of Aldermen at the Commission's request appropriated \$1500 for an electric lighting installation in the Centre School, and this work was substantially

completed on December 31, 1922, at a cost well within the appropriation.

During the year the School Committee requested the Commission to purchase two lots of land adjoining the Fulton Heights School lot which the City was renting as locations for portable school buildings, and an appropriation of \$850 was made and this purchase is in process of consummation.

The work of the Commission has disclosed a great lack of adequate school buildings for the accommodation of pupils and this lack is the more emphasized when the constantly increasing school population is considered. Efficiency and economy demand careful study of the building requirements and a fixed policy of construction based upon the greatest need being first met.

The Commission, after conference with the School Committee, intends to ask for an appropriation sufficient for a thorough school population survey which will place in the hands of the School Committee and this Commission accurate data on which to base future school construction. The most pressing needs at present seem to be a Junior High School to be located in West Medford, the addition to the James School, and the alterations in numerous buildings to meet the fire hazards now existing.

The Commission desires to express its appreciation of the spirit of co-operation with which its work has been received, especially by the Board of Aldermen, the School Committee, and the Superintendent of Schools.

Respectfully submitted,

SCHOOLHOUSE BUILDING COMMISSION FOR THE
CITY OF MEDFORD.

CUTHBERT H. LOWELL,

Chairman.

Report of the Purchasing Agent

Medford, Mass., March 12, 1923.

Honorable Richard B. Coolidge, Mayor,
City of Medford, Massachusetts.

Dear Sir:

I have the honor to submit herewith the annual report of the Purchasing Department for the year ending December 31, 1922.

During the year, three thousand four hundred and seventy-one (3,471) requisitions were received from the several departments and orders for the same given. An accurate record of every transaction has been kept and is on file in this office.

The following is a statement of the money received and expended during the year:

Credits

Appropriation	\$2,000.00	
Credits	9.85	
	<hr/>	
Total		\$2,009.85

Expenditures

Automobile	\$420.00
Stamps	55.00
Payroll	1,194.96
Printing	124.00

Stationery	19.81	
Telephone	138.40	
Miscellaneous	51.44	
	<hr/>	
Total		\$2,003.61
		<hr/>
Balance unexpended..		\$6.24

Wherever it has been possible, I have purchased in large quantities, calling for bids so as to obtain the best quality for the lowest price.

Yours truly,

WILLIAM H. CASEY,

Purchasing Agent.

Report of Overseers of the Poor

Medford, Mass., March 1, 1923.

To His Honor, Richard B. Coolidge,
Mayor, City of Medford, Mass.

Dear Sir:

We, the Overseers of the Poor, in accordance with the City Ordinances, herewith submit our report for the year ending December 31st, 1922.

The appropriations for all relief purposes have amounted to \$57,649.50.

The reimbursements have been \$11,658.34, this amount being the largest ever collected by the department.

City Home

There were 23 inmates at the Home on January 1st, 1922. During the year three were admitted and one died. The number of inmates at the Home on December 31st, 1922, was: nine women and sixteen men, a total of 25.

Mothers' Aid

We commenced the year with 30 cases and have added four new ones, making a total of 34 cases, 30 in Medford and four cases in other cities. These cases include 34 adults and 85 children.

Outside and Temporary Aid

Under this heading we have aided 46 families and 73 children.

At the State Hospital, in Tewksbury, there are five adult cases, and there are three children at other state institutions, with seven children boarded in private families.

We express our appreciation for the prompt services rendered by the City Physician.

We also desire at this time to express our thanks to the teachers and pupils of the Lorin L. Dame School, who so materially assisted this department at Christmas time.

Summary of Expenditures

CITY HOME

Salaries:

Superintendent	\$999.98	
Other Employees	5,071.63	
Groceries and Provisions..	5,288.54	
Fuel and Light	1,727.62	
Repairs	1,286.29	
Equipment	747.14	
Furniture and Furnishings	842.95	
Dry Goods and Clothing..	382.00	
Telephone	106.55	
Medicine and Medical At-		
tendance	415.68	
Hay, Grain and Straw.....	685.87	
Live Stock	345.30	
Shoeing	73.68	
Garbage	200.00	
Water Supply	106.80	
All Other	407.10	
	<hr/>	\$18,687.13

MOTHERS' AID**Relief given by City:**

Cash Allowances	\$12,889.00	
Rent	65.00	
Cash Allowances by City of Malden	1,051.50	
Cash Allowances by City of Somerville	252.00	
	<hr/>	\$14,257.50

OUTSIDE RELIEF

Cash Allowances	\$11,811.97	
State Institutions	2,895.95	
Board and Care	1,459.55	
Other Institutions	596.38	
Medical Attendance	60.00	
Burials	110.00	
Rent	565.75	
Drugs and Medicine.....	193.03	
Dry Goods and Clothing.....	297.54	
Groceries and Provisions.....	433.13	
Fuel	334.85	
All Others	79.65	
	<hr/>	\$23,104.87

OFFICE

Salaries	\$800.00	
Secretary	349.92	
Stationery and Postage.....	20.27	
Traveling	10.05	
Automobile	911.05	
	<hr/>	\$2,091.29
Hudson Sedan		1,300.00

Receipts**City Home:**

Sale of Live Stock and Pro-		
duce	\$912.47	
Board	990.14	
All Others	113.00	
	<hr/>	\$2,015.61

Outside Relief:

Sale of Automobile	\$500.00	
Commonwealth	5,481.92	
Other Cities and Towns...	3,553.81	
All Others	107.00	
	<hr/>	\$9,642.73

Respectfully submitted,

JOHN J. FITZGERALD,

Chairman

GEO. J. HACKETT,

REUBEN M. PITMAN,

Overseers of the Poor.

Report of the City Solicitor

March 15, 1923.

Hon. Richard B. Coolidge,
Office of the Mayor,
Medford, Mass.

Dear Sir:

I submit herewith the report of the City Solicitor's Department for the year ending December 31, 1922.

Matters Disposed of

During the year two cases in the Supreme Court and ten in the Superior Court have been disposed of either by trial, dismissal or settlement; eight claims in which no suit had been brought have been disposed of.

Suits Pending

There are now pending in the United States District Court one case, in the Superior Court sixteen cases, and in the District Court eleven cases.

Opinions

To the chief executive, the Board of Aldermen, and the various departments this department has furnished upon request sixty-four written opinions. In accordance with the recommendation of this department made last year, opinions

rendered during the period, and, so far as possible in past years, have been collected and are now available.

Organization

During the year this department has purchased a filing cabinet and equipment, and has completed an organization along the lines begun by former City Solicitor York. A working library on Municipal Law has been purchased and is now a part of the equipment of this department.

Recommendations

I respectfully recommend that the sum of \$300 be appropriated for the ensuing year to cover the requirements of this department.

Respectfully submitted,

GUY E. HEALEY,

City Solicitor.

Report of the Board of Health

To the Honorable Richard B. Coolidge, Mayor,
and members of the Board of Aldermen.

Gentlemen:

Organization 1922

Members:

Alfred J. Hawks, M. D., Chairman; Walter T. Burke, M. D.,
and Frank E. Dyer.

Alvin R. Reed, Agent, Secretary and Clerk.

Leslie E. Morrison, Inspector of Health and Plumbing.

Winslow Joyce, Inspector of Milk and Vinegar.

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

Francis W. Lumbert, Inspector of Meats and Provisions.

Francis W. Lumbert, Inspector of Animals and Slaughtering.

Harrie W. Peirce, M. D. V., Inspector of Animals and
Slaughtering.

Rebecca L. Walther, Health Nurse.

REPORT OF INSPECTOR OF PLUMBING

Medford, Mass., January 2, 1923.

To the Board of Health,
Medford, Massachusetts.

Gentlemen:

I herewith submit the twenty-ninth annual report of the
Inspector of Plumbing, year ending December 30, 1922.

During the year there were permits issued:

For Installation of new plumbing systems..... 297

For renewal or addition to old systems.....	119
Total issue for 1922.....	416
Carried over from 1921 (finished 1922).....	14
Carried over into 1923 (not finished 1922).....	66
Total inspections during the year.....	1,071
Consultation at office	367
Tests	352
Total number of fixtures installed.....	2,058
Divided as follows:	
Water closets	452
Lavatories	410
Bathtubs	388
Sinks	419
Wash-trays	389

Respectfully submitted,

LESLIE E. MORRISON,

Inspector of Plumbing.

REPORT OF HEALTH INSPECTOR

Medford, Mass., January 2, 1923.

To the Board of Health,
Medford, Massachusetts.

Gentlemen:

I herewith submit my report as Health Inspector for the year ending December 30, 1922. All complaints received at this office were investigated, and the following inspections were made:

Unsanitary premises	50
Garbage carelessly handled	21

Approximate population 42000

Deaths per M, 83-14

DEATHS FOR YEAR 1922 IN MEDFORD, MASS.

CAUSE OF DEATH	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
A													
Accidental Drowning				1		1		1	1				4
Accidental Fall							1						1
Accidental Fracture of Skull.....			1										1
Accidental Suffocation.....						1							1
Abscess of Scalp			1										1
Addisons Disease							1						1
Acidosis									1		2		3
Anemia-pernicious				1	1	1		2			1	1	7
Angina pectoris			1	2									3
Aortic stenosis							1		1	1			3
Apoplexy	1												1
Arthritis—acute			1								1		2
Arterio sclerosis	3	6	5	7	3	7	5	9	2	3	3	5	58
Atelectasis		1											1
B													
Bronchitis	1	2	2	1									6
C													
Carcinoma	1	3	4	3	3	2	3	4	3	1	4	3	34
Cholera Infantum								1					1
Chlorecystitis acute infectious.....					1								1
Cirrhosis of Liver.....						1							-
D													
Diabetes	1			4	1		1			1	1		9
Diphtheria							1		2				3
Debility (convulsions).....										1			1

CAUSE OF DEATH	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
E													
Edema of Brain 86.....						1							1
Edema of Lungs.....			1			1							2
Embolism Pulmonary.....						1							1
Embolism Cerebral.....					2		2			1			3
Endocarditis.....	1		3		2	1			1		1	1	8
Enterities.....									1		1		2
F													
Fracture—head of Femur.....								1					1
H													
Heart Disease.....	5	4	5	5	4	3	1	1	4	4	4	5	45
Hemorrhage—Cerebral.....	3	2	1	2	3	2	1	3	3	5	1	5	31
Hemorrhage—Postpartum.....									1				1
Hemorrhage—Puerperal.....								1					1
Hemorrhage—Pulmonary.....						1						1	1
Hemorrhage—Subtracranial.....						1							1
I													
Influenza.....			1	1	1								1
Injury at birth, No. 161.....			1										2
L													
Leukemia.....									1				1
M													
Meningitis—Cerebro spinal.....								1					1
Merasmus.....	1												1
Metatasis.....										1			1

CAUSE OF DEATH	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
N													
Nephritis	2	3	2	1	1	1	.....	.....	2	2	2	1	17
P													
Pvaemia					1								1
Pyloric Stenosis								1					1
Polio-myelitis—Acute Anterior.....							1						1
Probable Internal Malformation.....										1			1
Peritonitis					2								2
Pneumonia hypostatic, following accidental fall.....						1							1
Pneumonia—Broncho	5	2	4			2	1	1	1	2	3	2	23
Pneumonia—Lobar	1	1	3	1						1	2	2	11
Premature Birth	3	1	1		5					1		1	12
S													
Status Lymphaticus				1									1
Sarcoma	1	1							1				3
Spina bifida						1							1
Suicide by drowning.....			1		1	1							3
Suicide by hanging.....			1			1							2
T													
Tuberculosis	4	2	2	1	1	.....	1	1	4	.....	1	.....	17
Deaths	33	28	40	31	30	30	20	27	27	26	26	27	345
Stillborn	1	.....	3	.....	2	3	1	5	.....	2	3	.....	20
Deaths, including Stillborn.....	34	28	43	31	32	33	21	32	27	28	29	27	365

DEATHS IN 1922 CLASSIFIED MONTHLY AS TO AGE AND SEX

	Jan.		Feb.		Mar.		April		May		June		July	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Stillborn		1			2	1			1	1	1	2		1
Under 1 year....	5	1	4		4	1	1	1	3	3	2	1		
1 to 2 years....						1			1					
2 to 3 years....														
3 to 4 years....						1	1							
4 to 5 years....													1	
5 to 10 years....						1					1			
10 to 15 years....							2		1					1
15 to 20 years....						1			1	1				
20 to 30 years....	1				1	1	1		3		2			
30 to 40 years....	2		3			3			1		1			
40 to 50 years....	1	1	1	1	1		2		1	1	1	1	1	1
50 to 60 years....	2	2		4	1	1	1		1	2	1	3		
60 to 70 years....	5	2	1	3	4	4	3	5	2	5	3	2	3	3
70 to 80 years....	2	4	2	4	4	2	2	3	2	5	3	2	1	2
80 to 90 years....	3	1	2	3	4	5	2	6	1		2	2	2	1
Over 90 years....		1					1				1	2		1
	21	13	13	15	21	22	13	18	12	20	17	16	11	10
	34		28		43		31		32		33		21	

	Aug.		Sept.		Oct.		Nov.		Dec.		Sex Totals		Totals by age
	M	F	M	F	M	F	M	F	M	F	M	F	
Stillborn	3	2			1	1	1	2			9	11	20
Under 1 year....	1	2		2	1	4		2		2	21	19	40
1 to 2 years....		1		1			1	1			2	4	6
2 to 3 years....				1							0	1	1
3 to 4 years....									1		1	2	3
4 to 5 years....							1				2	0	2
5 to 10 years....				1							0	3	3
10 to 15 years....	1	1									4	2	6
15 to 20 years....	1										2	2	4
20 to 30 years....			1	1	1	2		1	1		6	10	16
30 to 40 years....		2				1		1	1		8	7	15
40 to 50 years....	2		2	1	1	3	1	1	3	1	14	13	27
50 to 60 years....	2	1	1	3		1	2	2	1	2	14	19	33
60 to 70 years....	3	2	2	2	3	1	1	2		2	30	33	63
70 to 80 years....	4		3	2	2	1	2	4	4	5	31	34	65
80 to 90 years....		4	1	3	3	2		3	1	3	21	33	54
Over 90 years....							1				2	5	7
	17	15	10	17	12	16	9	20	11	16	167	198	365
	32		27		28		29		27		365		

Dumping without permission	7
Stables	5
Cow-barns	9
Manure improperly handled	3
Pigs, Goats, Hen-yards	23
Dead animals on highway	65
Cesspools and privies	13
Odor from sewer manholes.....	4
Defective plumbing	5
Milk plants	10
Markets and provision store	17
Restaurants	11
Bakeries	30
Barber shops	22
Infant boarding houses	8
Private hospitals	3
No cause found	7
Total inspections	313

Respectfully submitted,

L. E. MORRISON,

Inspector.

REPORT OF INSPECTOR OF MILK

Medford, Mass., January 1, 1923.

To the Board of Health,
Medford, Mass.

Gentlemen:

I have the honor to submit herewith my nineteenth Annual Report as Inspector of Milk for the year ending December 30, 1922.

Total number of licenses granted for the sale of milk.	284
For the sale of oleomargarine.....	35

Whole number of licenses issued.....	319
Amount of fees received and paid to the City Collector	\$159.50

The average daily consumption of milk in this city is about twenty thousand four hundred and seventy (20,470) quarts, and about four hundred (400) quarts of cream.

The supply and quality during the past year has been fully up to the average of the preceding year, which was exceptionally good.

I have analyzed 74 samples, taken from wagons and stores and found but 4 below the legal standard. None of the samples contained added water.

There have been 12 complaints of poor milk filed at this office, which, upon being investigated were found to be without foundation.

Of 8 samples left for analysis, each was tested and found to be up to the standard required by law.

The average quality of milk offered for sale throughout the city has been, from the standpoint of chemical food value in fats and solids, of high grade.

Seventy-eight samples of milk have been analyzed chemically for the percentage of butter fats and total solids. Samples which were suspected of containing added water were always tested for same. Constant watch has been kept for coloring matter and preservatives in the milk, but none has been detected.

The duties of the Inspector of Milk are the issuing of licenses for the sale and delivery of milk and oleomargarine in carriages or otherwise, receiving registrations for the sale of milk and oleomargarine in stores, markets, restaurants, etc., and the collection and inspection of samples, and inspection of dairies, milk wagons, stores and milk plants.

The work of this bureau has been carried on this last year in practically the same manner as described in previous

reports. The principal part of the work consists of collecting and analyzing samples of milk that are offered for sale throughout the city in milk teams, stores, restaurants, etc.; also the collecting and analyzing of butter wherever this article of food is offered for sale, and testing vinegar that it be kept to the legal standard in acetic acid. As milk is by far of greater importance, most of the time is devoted to its inspection.

The work of this bureau has been carefully looked after the past year, and the quality of milk has been kept up to a good average.

Respectfully submitted,

WINSLOW JOYCE,

Inspector of Milk.

REPORT OF INSPECTOR OF MEATS AND PROVISIONS

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, 1922.

Inspections are follows:

Grocery stores	36
Bakery shops	11
Lunch rooms	10
Baker carts	3
Meat markets	40
Meat carts	3

Butter, cheese and egg stores.....	11
Fruit stores	14
Fish markets	17
Fish carts	4
Total	149

Failures to comply with the law:

Meats and provisions condemned and destroyed:

		Pounds
Jan.	2, Bologna spoiled	3
	11, Fresh pork chops, tainted.....	2 $\frac{3}{4}$
	17, Lamb flanks, sour	5 $\frac{1}{2}$
	26,	
Feb.	1,	
	14, Pork sausage	3
	15, Salt pork, spoiled	4
	23, Liver, sour	1 $\frac{1}{2}$
	28, Frankfurts, moldy	3 $\frac{1}{4}$
Mar.	7, Haddock, spoiled	13
	15, Flounder, spoiled	4
	23, Corned bones, spoiled	2 $\frac{1}{2}$
	28,	
Apr.	5, Flank steak, tainted	4 $\frac{1}{4}$
	11, Blood pudding, tainted	1 $\frac{3}{4}$
	19, Liver, sour	3
	21, Fore lamb, sour	3 $\frac{1}{4}$
May	3, Ham end, animal heat	3 $\frac{1}{4}$
	16, Pork sausage, moldy	1 $\frac{1}{2}$
	17, Sourkraut, spoiled	9
	31, Beef kidney, spoiled	1 $\frac{1}{4}$
June	8, Fresh shoulder, tainted	4 $\frac{1}{4}$
	14,	
	28, Hamburg steak, sour	2 $\frac{3}{4}$
July	5, Fresh tripe, sour	1 $\frac{1}{4}$
	12, Beef shin, tainted	4
	20, Head cheese, sour	2
Aug.	2,	

Aug.	15,	
	30, Ham bologna, heated	2½
Sept.	5, Salt port, tainted	1¾
	6, Cut fowl, sour	2
	20,	
	27, Flank steat, tainted	1¼
Oct.	11, Corned shoulder, animal heat.....	5¼
	17, Scotch ham knuckle, spoiled.....	2
	24, Pigs' feet soused, spoiled.....	4½
Nov.	3, Pork roast, tainted	3½
	16,	
	22,	
	29,	
Dec.	11, Beef and lamb kidneys, sour.....	3¾
	21, Corned lamb flanks, spoiled.....	4
	27,	
	29, Veal, sour	3
Total pounds		117½

Respectfully submitted,

FRANCIS W. LUMBERT,

Inspector of Meats and Provisions.

REPORT OF MEDICAL INSPECTOR

To the Board of Health,
Medford, Mass.

Gentlemen:

I herewith submit my report as Medical Inspector for the year 1922.

Visits made:

Chicken pox 8

Diphtheria	69
Measles	9
Mumps	4
Ophthalmia neonatorum	1
Scarlet fever	5
Scabies	3
Whooping cough	1
Total	<hr/> 100

Respectfully submitted,

PAUL J. D. HALEY, M. D.,

Medical Inspector.

Report of the Inspector of Animals

January 1, 1923.

Honorable Richard B. Coolidge,
Mayor, City of Medford.

Dear Sir:

The activities of an Inspector of Animals of a city or town are governed directly by orders received from the Director of the Division of Animal Industry of the State Department of Conservation, and indirectly by the prevalence of contagious disease in such city or town. The office is created under Section 15, Chapter 129, of the General Laws, the appointment in cities being made by the Mayor subject to the approval of the Director of Animal Industry.

I hereby submit my report as Inspector of Animals for the City of Medford for the fiscal year ending December 31, 1922.

Rabies

This disease has been increasing in prevalence in this section of the Commonwealth of Massachusetts during the past three years. Early in January, 1922, a Collie dog, owner unknown, appeared in the vicinity of Medford Square, went down Riverside Avenue to Wellington and finally disappeared across the marsh. All along the line of his travel he attacked other dogs. A number of these dogs afterwards developed rabies. Chases in other sections of the city were

also found, in many instances the dog doing considerable damage prior to being killed, by biting persons and other animals. The attention of the Mayor of the City of Medford was called to the seriousness of this situation in a letter which I directed to him under date of January 27, 1922, in which letter the issuing of a restraining order was advised. Under recommendation of the Mayor the Board of Aldermen issued such restraining order to cover a period of ninety days, which undoubtedly had some effect in limiting the spread of the disease at that time.

During the year 32 dogs and 1 cat in this city died or were killed on account of this disease and diagnoses being confirmed in most cases by the laboratory of the State Division of Animal Industry. Nine of these cases were known to have been bitten by dogs which had been killed on account of rabies. Eight persons were bitten by these rabid dogs, all of which persons were given the Pasteur treatment. In one case, that of a child at Fulton Heights, death from rabies resulted before treatment was completed. Six dogs reported as showing symptoms of rabies were found in four cases to be suffering from fits, one from chorea and one apparently from poison. In addition to the 9 contact cases referred to 24 dogs known to have been in contact with a positive case of rabies were quarantined for observation, 21 being released at the end of ninety days from the date of contact and 3 being killed by owner for conditions other than rabies. Eleven dogs which bit persons were placed under quarantine for observation, the period of observation extending for fourteen days from the date bite was inflicted at which time the dogs being found in good health were released.

It is believed that if the proper officials of all cities and towns would enforce the laws now on the statute books relative to the licensing of dogs, one large factor in the spread of rabies, namely,—the unlicensed, collarless dogs,—would be overcome.

Glanders

No case of this disease has been found in this city since the year 1918.

Tuberculosis

Two cows affected with tuberculosis were brought to the attention of the State Division of Animal Industry and were condemned and killed. A physical examination of all cattle in herds from which they were taken was made at the time the cattle were removed and again three months later. The premises were cleansed and disinfected in accordance with orders.

Annual Inspection

In accordance with Section 19, Chapter 129, of the General Laws, inspection of all neat cattle, sheep and swine was made during the month of February and a certificate of conditions found was delivered to the owner or person in charge of the premises and the animals. Thirty-three premises containing 169 head of cattle, 80 swine, 2 sheep and 2 goats were visited and with the exception of one place were found to be in good sanitary condition.

Swine Diseases

Hog cholera preventive treatment was given by agents of the State Division of Animal Industry to 71 head of swine. Seventy-six treatments for hemorrhagic septicemia were administered under the same auspices.

Respectfully yours,

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

Inspector of Animals.

Report of the Park Commissioners

Medford, Mass., January 1, 1923.

To His Honor, Richard B. Coolidge,
Mayor of the City of Medford.

Sir:

The Board of Park Commissioners herewith present its thirtieth Annual Report for the year ending December 31st, 1922.

The unusually warm weather of early spring gave promise of the necessity of an early start on the work in the parks and playgrounds.

However, after some few weeks a decided change occurred and cold and wet weather of considerable duration made the promised early start a late one.

One of the most serious propositions facing the Commission the first of the year was the completing of the trimming and removal of the trees damaged in the severe storm of November 28th last year.

An emergency appropriation of \$300 was granted so late in the year, December 26th, that owing to the severe weather experienced at the time, but little work could be done and

only trees destroyed or so badly broken as to demand immediate removal were taken care of. Only part of the money could be used and a balance was returned to the Treasury of \$134.66.

The completion of this work undertaken as soon as it was possible to start the work this spring resulted in an expense of \$861.76.

The maintenance on the parks and playgrounds suffered for lack of sufficient funds, and all work outside of the care of the grounds had to be omitted.

The mowing of the lawns commenced April 11th, but cold and wet weather followed and the heavy growth did not occur until the last of May.

The season was unusually moist and extremes of temperature frequent.

The general appearance of the parks and playgrounds was much above the average during the summer and early fall. The season was longer than usual and the appropriation for "Public Commons" was insufficient. In consequence of this, work was suspended on November 24th.

A small balance transferred from "Playground Supervision" made possible the finishing of the work the last of December.

During the summer the parks and playgrounds were visited at various times, as necessary, by the members of the Park Commission.

The Commission is unanimous in feeling, in view of the greater use of the parks and playgrounds, if they are to be properly maintained, a larger appropriation must be made available for "Public Commons" account.

It was expected that appropriations might be made during the year for the taking of the land for the proposed new playground in Ward 2, and possibly the development of the playground in Ward 7.

These two propositions, however, are still unsettled, and in view of the great need of these playgrounds it is hoped some action may be taken to at least acquire the land for the one and develop the other the coming year.

The lighting of the parks and playgrounds has received considerable attention in previous reports. Requests for better lighting have been made in the Annual Reports submitted.

Lights are placed on the parks and playgrounds without consultation with the Park Commission. This is unfortunate, as it would seem proper that they should make the suggestions for the proper locations, both as to lighting effects and the proper protection of the public.

The destruction of park and playground property and equipment has of late years, and this year has been no exception, been an added, and it would seem, unnecessary expense to the city.

A detailed report of the losses during the present year is contained in Mr. Adams' report and your Honor's attention is respectfully requested especially to that part of his report.

The bathhouses were under the care and supervision of Henry J. O'Brien during the bathing season, as in former years.

They were opened to the public on June 7th and closed October 21st.

In the men and boys' bathhouse a concrete foundation was built and a spruce floor laid, providing more comfort for the occupants and better protection for the building.

The attendance during the season was larger than in previous years. At times over seven hundred a day made use of the accommodations provided.

Every year the people making use of the bathing privileges have greatly increased in numbers so that now the facilities are far from adequate.

As has been stated in previous reports, more commodious buildings of better construction should be provided, and a matron is much needed in the women and girls' bathhouse.

The matter of the construction of more bathhouses to be situated on the Mystic River Reservation, has been agitated. This land is in possession of the State, and under the control of the Metropolitan District Commission.

Permission would have to be obtained from this Commission for a location and permission to build, presumably subject to such rules and regulations as they thought necessary to require.

The Park Commission feel that a careful consideration of all the conditions should be made and a policy established not only for the present time but for the future, as the expense of construction of proper buildings would be considerable and their maintenance would each year necessitate a large expenditure of money.

The erection of a Comfort Station having been requested for Morrison's Park, the matter received the careful attention of the Commission. Estimates were obtained, and these convinced the Commission that the expense was too great to recommend at the present time, especially as the stations would be required for all the other playgrounds as well.

The Park Commissioners feel, however, that when the city can afford an outlay, Comfort Stations should be erected,

as they are a necessity, and many of the cities of the Commonwealth now have them on their parks as well as their playgrounds.

Mr. Biggs, working foreman for the Park Commission for many years, on October 4th, at Tufts Park Playground, met with a most painful and serious accident to his right eye. While repairing the horse mowing machine, a small particle of steel was thrown into the eye; and the wound, becoming infected, he eventually, after great suffering, was obliged to enter St. Elizabeth's Hospital for an operation and the removal of the eye. He has now recovered and has returned to his work. Though his sight is impaired, he is still able to perform his duties.

The city being protected by insurance, his expenses were paid by the Company insuring. He received his doctor's bills, and hospital expenses, and \$16 per week for sixteen weeks, and is receiving \$500 additional at the rate of \$10 per week for the loss of his eye.

On January 26th, Mr. Edward P. Adams was re-elected Superintendent of Parks and Playgrounds for the ensuing year.

On May 11th Mr. Alvin R. Reed was re-elected as Secretary and Clerk for the ensuing year, and on this date the Park Commission having been informed that the High School Athletic Association has not as yet named the ball field on Fulton Street "Bennett Field," and were not likely to do so, it was unanimously voted to name the parcel of land situated at the junction of High and Grove Streets, previously known as "The Delta"—"Bennett Delta," in honor of William Joseph Bennett, who made the supreme sacrifice in the World War on September 25th, 1918, at St. Mihiel, France, and that a copy of this vote be sent to his parents and to the Board of Aldermen.

On June 22nd Mr. Edmund W. O'Donnell was elected Supervisor of Playgrounds.

It was voted also that the season on playground work for the year 1922 should begin on July 7th and be continued for a period of eight weeks.

Mr. Adams, as in previous years, on request of the Playground and Recreation Association of America, forwarded a complete report on the work of Medford's Parks and Playgrounds to Miss Florence S. Nelson, Secretary, No. 1 Madison Ave., New York City.

STATEMENT OF THE ACTION OF THE BOARD OF
ALDERMEN WITH RELATION TO THE MED-
FORD PARK COMMISSION.

As a result of a letter received from Mr. John J. Irwin of the American Legion requesting the use of the Common for a "Field Day" on Labor Day, Sept. 4th, a special meeting was called for August 10th at 8 P. M., that a hearing might be given to the Legion's representatives by the Board of Park Commissioners. Mr. Irwin was present with a delegation of six members of the Legion and four ladies of the Auxiliary. Their communication to the Commission was read as follows:

"August 3, 1922.

Mr. Wilton B. Fay,

Chairman, Park Commission.

Dear Mr. Fay:

Medford Post American Legion at their last meeting unanimously voted to hold a Field Day on Labor Day, Sept. 4th. It was also voted that the event be held on the Medford Common if same is available.

This event is to consist of a series of races and other field events open to the public, refreshments are to be served from two booths, also we are to have booths for the sale of concessions. The local company of the National Guard will also give exhibitions of wall scaling, etc.

As the time is rather limited as to our advertising this matter we are very anxious to get your Commission's approval. Kindly advise as soon as possible and oblige

Yours truly,

(Signed) JOHN J. IRWIN,
Chairman Field Day Committee."

The authority to grant such requests was then discussed with the delegation, also the use and abuse of the Common both last summer and the present one by traveling shows, on authority of the Mayor, without sanction of the Park Commission.

After much discussion it appeared that the Legion desired the privilege of selling so-called "Concessions" for various business enterprises and did not desire the use of the Common without that privilege.

The Commission stated to them that it doubted its legal right to grant the use of the Common with such privileges, and further stated that it would be necessary before granting any such right to obtain the opinion of the City Solicitor, as to the law governing such permission. Whereupon, having been notified by the Board that as soon as an opinion could be obtained from the City Solicitor they would be notified, the delegation retired at 9 P. M.

A special meeting was held on August 22nd, the earliest date possible, owing to the City Solicitor's absence from the

city, to receive his opinion and act on the matter of the use of the Common by the American Legion. Mr. Healey was present, and his answer to the request of the communication from the Park Commission was read as follows:

“August 22, 1922.

Medford Park Commission,
City Hall,
Medford, Mass.

Gentlemen:

I have your letter of August 10th asking the advice of this department as to the legal right of your commission to grant the permission as requested in the letter to you from the Medford Post American Legion, copy of which is attached hereto.

To grant this request would in effect be to let or lease the park in question with the right on the part of the Medford Post American Legion to carry on business and to sublet or lease by sale of concessions. This your Board has not the legal right to do.

Under Revised Ordinances Chapter XXIX, Section 1, your Board has the care of the park in question but this does not include either the granting of a permit to use or the letting or leasing of the park. By Section 2 of said chapter your Board has and may exercise all the rights, powers and authority given by law, but no right is given by law to a park commissioner to grant permits for the use of or to let or lease city parks, except that it may allow a military organization to camp, parade, review or perform any military evolution or exercise in a city park. See G. L., Chapter 45, Section 8.

It may be noted in passing that the city playgrounds do not stand in law as do public parks.

The basis principle of ownership and control is different.

By G. L. Chapter 45, Section 14, playgrounds may be leased and used by the city or any of its departments or by any person, society or other organization.

Respectfully submitted,

(Signed) GUY E. HEALEY,
City Solicitor."

As it was held by the City Solicitor that the Board of Park Commissioners could not legally grant the request the following letter was forwarded John J. Irwin, Chairman of the Field Day Committee of Medford Post No. 45, American Legion:

"Dear Sir:

At a special meeting of the Park Board held this evening it was voted:

After careful consideration and after having taken legal advice in the matter, the Board of Park Commissioners find that it cannot properly give its consent to the use of the Common for the purposes specified in your letter of August 3rd, and at the interview of your representatives with the Board on August 10th.

Yours respectfully,

BOARD OF PARK COMMISSIONERS,

A. R. Reed, Clerk."

A copy of City Solicitor Healey's opinion was also enclosed with this letter.

The next official communication that your Board received, Mr. Mayor, was the following resolve which came from the Board of Aldermen and which was considered at a Special Meeting on the 14th of September. The resolve was as follows:

"In Board of Aldermen,
September 5, 1922.

Offered by Alderman George W. Taintor.

Be It Resolved:

That the members of the Medford Park Commission be and hereby are requested to resign as members of that commission because of their failure to discharge the duties of their position on said commission.

Be It Further Resolved:

That a copy of this resolution shall be transmitted to the members of the Medford Park Commission for their consideration and action thereon.

In Board of Aldermen, Sept. 5, 1922.

Referred to the Standing Committee on Finance and voted that a hearing be held on this subject at the next regular meeting Sept. 19th and that His Honor the Mayor, the Medford Park Commission and a Committee from the American Legion be invited to attend said hearing."

After thorough discussion of the communication by the Park Commission it was voted, in view of the fact that the Mayor only has the power to ask for resignations, to send the following reply to the Board of Aldermen:

"September 14, 1922.

To the Board of Aldermen,
Medford, Mass.

Gentlemen:

The Medford Park Commission acknowledges your communication of Sept. 5, 1922, which contains a copy of a resolution offered by a member of your Honorable Board, said resolution requesting the Park Commissioners to resign.

Your communication also states that a hearing will be held at a meeting of your Honorable Board on Sept. 19th. The Park Commission does not recognize your authority to request the resignations of its members, and it declines to attend any hearing which you may hold on that subject.

Respectfully yours,

FOR THE PARK COMMISSION,
Wilton B. Fay, Chairman."

Upon receipt of the above communication the Board of Aldermen passed at its next meeting the following Resolve:

September 19, 1922.

Offered by Alderman Joseph W. Wellington.

Be It Resolved:

That His Honor, the Mayor be and hereby is requested to take action immediately to remove the members of the Medford Park Commission from office, namely, Wilton B. Fay, Thomas D. Collins, Irwin O. Wright, Herman L. Buss and Arthur W. Crockford; also that he be requested to notify the Board of Aldermen of any action he may take in this matter in compliance with the request embodied in this resolution.

Be It Further Resolved:

That, after the removal by His Honor, the Mayor, of said members of the Medford Park Commission, as suggested in this resolution, and if the members of said commission do not avail themselves of the opportunity of a hearing before the Board of Aldermen under the provisions of the City Charter and the General Laws, His Honor, the Mayor, be and hereby is further requested to take action forthwith to fill the vacancies arising in the membership of said Park Commission from the said removals from office.

Amendment to Alderman Wellington's motion offered by Alderman E. G. Daly:

Be It Further Resolved:

That the members of the Medford Park Commission be and hereby are severely censured for their recent conduct towards the American Legion in refusing courteous treatment and the use of our Common to the Medford Post 45, American Legion members.

This resolution was unanimously passed by roll call vote as amended.

Upon receipt of the communication from the Board of Aldermen, His Honor, Mayor Haines, interviewed the various members of the Park Commission, and finally requested a conference with the Chairman of the Park Commissioners.

The Chairman informed the Mayor that he and his associates were at a loss to understand either the action of the Legion or of the Board of Aldermen, as the Commission had acted in the matter according to its best judgment and without prejudice according to the law as they understood it, and as City Solicitor Healey had ruled as well, and that while they might appear before the Board of Aldermen for a hearing on request for information on the matter, they, of

course, could not appear before them to discuss the resignation of its members by the Board of Aldermen, as the Mayor only had a right to call for resignation of the members of the Commission.

His Honor asked the Chairman what action he felt that he, the Mayor, should take on the Board of Aldermen's request. The Chairman replied that that was not for him to consider: that he felt that the Commissioners' decision was properly made, and that the Mayor must act on the matter as he thought best, and that after this action it would be for the Board of Park Commissioners to determine its position under the conditions as then presented.

The Mayor stated that he did not see that he had any direct evidence to act upon, and sought to question the Chairman of the Commission as to the facts in the case, upon which the Chairman said that such information, if desired, he felt should be given at a proper time, and in a proper manner, which he felt would be at a hearing given by the Board of Aldermen.

The Mayor assured the Chairman that he deeply regretted the whole matter; that he felt he could not act without further information, and that he wished to further consider the matter as to just what steps he thought were advisable to settle this unfortunate occurrence.

His Honor, the Mayor, eventually sent the following communication:

City of Medford
Mayor's Office
Medford, Mass., September 30, 1922.

To the Honorable the Board of Aldermen,
Medford, Massachusetts.

Gentlemen:

I am in receipt of Resolution No. 17880 passed unanimously by your Board requesting me to take action immediately to remove from office the members of the Park Com-

mission, viz: Wilton B. Fay, Thomas D. Collins, Irwin O. Wright, Herman L. Buss and Arthur W. Crockford, and requesting that I notify you of any action I may take in conformance with the request.

You have further requested that I forthwith fill the vacancies arising in the said Park Commission caused by said removals from office.

This resolution is so unusual, so drastic and so far reaching in its effect that before complying with your request I must ask for further details and specifications, since your Honorable Board is in reality in the position of preferring charges against this Commission.

In looking into your resolution which contains three sections, I find in the first section simply a request to remove, with no reason therein contained for such removal. In the second section I find a request to fill the vacancies caused by such removal, and no reason for such request is set forth. In the third section you state that you have severely censured the Commission for their alleged action and have simply informed me of so doing.

Your second statement in the third section which alleges that the Commission "refused courteous treatment" is one which I feel might be considered carefully and if substantiated, would give me cause for the removal of the Commission, but you have not placed the evidence before me in any way, but have acted upon it yourself, and have stated absolutely no reason why I should remove anyone.

If I am to remove these men, whom you have severely censured, they should be allowed to know on what facts I am sitting in judgment. You must, therefore, make charges of some kind and duly specify them. Until I hear evidence against these men I feel that I must consider that there

may be some mistake or misunderstanding for certainly their friendship for the soldiers of Medford has been definitely proven during the late war.

Ex-Senator Wilton B. Fay, eighteen years Chairman of the Park Commission, serving under six Mayors without criticism or censure, was one of the hardest workers of the Liberty Loan Drives and other patriotic movements: Mr. Irwin O. Wright, one of our most respected citizens, a member of this Commission for many years, worked day and night during the war as Chairman of the Public Safety Committee, having an office and headquarters here in Medford Square; Mr. Herman L. Buss, a man who for many years has taken the keenest interest in our Park System and who, during the war, participated in every patriotic impulse and worked unceasingly as a Fuel Commissioner here in Medford, and organized that Commission so well that the coal situation was satisfactorily handled; Mr. Arthur W. Crockford, a more recent member, has given of his time for our benefit and certainly a more kind-hearted, well-meaning gentleman it would be hard to find; Representative Thomas D. Collins, whose career in public life while short, gives me no reason to feel that he wilfully meant to be discourteous to the very men and women to whom he was looking for support at that time. These men constitute a veteran Board, held high in the esteem of our citizens.

I feel, under all these circumstances, that without proper specific charges set forth, I cannot on any snap hasty judgment without presentation of facts, remove these men.

I await with impatience your specifications so that we may have a proper hearing, if necessary, and either your Board be justified in its requests or the Park Commission relieved of public criticism.

Very sincerely yours,

(Signed) BENJAMIN F. HAINES,
Mayor.

The Board of Aldermen upon receipt and consideration of the communication sent them by the Mayor took action by sending the following communication to the Park Commission:

October 5, 1922.

Hon. Wilton B. Fay,
47 Wyman Street,
West Medford, Mass.

Dear Sir:

You are respectfully requested to attend a special meeting of the Board of Aldermen, which will be held in the Aldermanic Chamber, Washington School Hall, City, at 8 P. M., on Tuesday, October 10th, 1922.

The purpose of said meeting is:

File No. 17941. "A communication from the Mayor relative to the removal of the Park Commissioners" to confer with His Honor the Mayor, the members of the Medford Park Commission, a representative committee from the American Legion, Post 45, upon:

No. 1—The use of the Medford Common by a certain Circus Company.

No. 2—Why the use of the Common was denied to the aforesaid American Legion.

No. 3—Relative to a proposed bathhouse on Mystic River, near Hancock Street.

No. 4—Relative to certain lights to be installed on the Medford Common, which were not installed.

Sincerely yours,

(Signed) CHARLES A. WINSLOW,
City Clerk.

Upon receipt of this communication from the Board of Aldermen the Chairman of the Park Commission called an informal meeting to consider the communication and to decide upon what action the Commission should properly take.

After due and careful consideration it was unanimously voted in view of the fact that it was a properly called hearing, to attend the meeting of the Board of Aldermen of October 10th at 8 P. M.

It was decided, however, that to avoid further publicity and discussion of the matter, to send no communication to the Board of Aldermen, but simply to attend as a body, at the specified time.

On the evening of October 10th all the members of the Park Commission were present at the meeting of the Board of Aldermen in the Aldermanic Chambers to discuss the four matters presented in their communication to the Park Commissioners under date of October 5th.

The Mayor was present, and the meeting was an open one.

Alderman Wellington requested that the members of the American Legion be allowed to state their view with relation to their request for use of the Medford Common. This was approved by the Board.

Mr. Irwin, the first speaker stated that the Post had never desired to bring charges against the Park Commissioners or to try and make any trouble for them—that he did not know from what authority or why it has been done; that he and his associates while feeling that the Commission might well have granted the use of the Common as desired by the Post, and perhaps had not been used as fairly as they felt they should have been, they appreciated the high standing

in the community of the members of the Commission, and while members as individuals may have retained some feeling in the matter, the Post as a whole had considered the matter settled when the Park Commission declined to give them the use of the Common.

He then spoke of the hearing given to the Post by the Park Commission and of various matters pertaining to it leading down to the present meeting, and in closing, thanked the Chairman of the Board of Aldermen for the opportunity of making his explanation of the matter, and withdrew.

He was then followed by Mr. Campbell, speaking for the Legion.

The Chairman of the Park Commission was then requested by the Chairman of the Board to state the Park Commissioners' position on the matter. The Chairman of the Park Commission in opening his remarks requested to be allowed to make a statement on the four matters under consideration, taking them in the order as presented in the Aldermanic communication, and to be allowed to finish each matter before being questioned by the members of the Board, as he thought by so doing much time might be saved. This request was granted.

First speaking as to the use of the Common by a traveling circus company the previous summer as well as the present one, the Chairman stated permission for this use was given by the Mayor, and the Park Commission had nothing whatever to do with it.

The Mayor claimed to have the right to give such permission. The Park Commission claimed that under the law the Park Commissioners only had jurisdiction over Parks and Playgrounds. The Mayor claimed, as he had charge of all City property, he had authority over its public lands as well. The Mayor present, was called on to verify this state-

ment by the Chairman, and acknowledged that to be his position, and that he had given the permission to the circus to use the Common.

On the second item, referring to the desire of the American Legion for the use of the Common, the Chairman stated that the Commission had the kindest feeling for the members of the Legion and such action as had been taken was in compliance with the law, and for the best interests of the city.

To show their good feeling, members of the Commission had offered to contribute when obliged to refuse the use of the Common, to the expense of hiring other grounds if such could be obtained from private parties.

Some resentment no doubt had been shown by interested parties, some facts distorted in discussion, creating considerable feeling and criticism of the Commission, but the fact remained that under the law, as testified to by the City Solicitor's opinion in writing, the grant could not be given.

The previous year the Mayor had assumed to give permission for the use of the Common by the Legion and as a result of its use, much complaint had been made of the conduct of some of those attending the show, some arrests had been made, and finally the Commission was put to considerable expense to place the Common in good condition after the affair was concluded.

Questions by some of the members of the Board of Aldermen of the Chairman of the Park Commission, while bringing out minor detail, furnished no further facts for consideration.

The third item, relative to the proposed bathhouse on Mystic River, near Hancock Street, he stated that the Commission officially had no knowledge of the matter; with the exception of a notification recently forwarded to the Park Commissioners by the Auditor, that the sum of \$800 had been appropriated by the Board of Aldermen for a bathhouse and placed to their credit.

Individual members of the Commission knew of the project insofar that they had heard of its being under discussion by the Board of Aldermen. They had not, however, official notice of the matter, nor had they been requested to express an opinion on the matter one way or the other when it was before the Board.

One of the Aldermen had conversed on the telephone with the Chairman of the Commission requesting information as to whom the control of the location was vested in, and was informed that it was under the Metropolitan District Commission, the land being the property of the State, and that permission would have to be obtained of them.

Nothing further was heard of the matter, and when the notice from the auditor was received, the Commission requested that their Superintendent interview Mr. Winslow, the Clerk of the Board of Aldermen, and see if he could explain the matter. The Superintendent reported back to the Commission that the Clerk of the Board of Aldermen stated that he had not supposed that the Park Commission were to have anything to do with the erection of the bathhouse, that he had been present at all the Aldermanic meetings and had supposed that the matter of building the bathhouse was to be undertaken by the city and had so notified Mr. Kennedy, the Street Commissioner, and Mr. Casey, the Purchasing Agent and not the Park Commissioners.

Upon receiving this information the Park Commissioners felt satisfied that it was not intended that they were to act further in the matter.

On item four, referring to the installing of lights on Medford Common, the resolve as passed by the Board of Aldermen was read by the Chairman who acknowledged its receipt by the Park Commission.

He then stated that the Board of Park Commissioners had no authority to order the installing of lights—that the matter of installation was entirely in the hands of the Mayor, after an appropriation by the Board of Aldermen had been made. Consequently the Commission did not understand why it had been sent to them. They placed the matter in the hands of their Chairman to see what should be done in the matter, and the Chairman requested the Park Commission's Superintendent to see the Mayor and call the matter to his attention.

When the resolve was presented to His Honor, his language was most emphatic, and he in substance stated that he considered that there were sufficient lights on the Common and that the need for lights in other places was far greater and more imperative, and that he would not consider the placing of additional lights on the Common, further stating that the Park Commission had no authority in the matter.

The Chairman concluded his remarks, and Mr. Buss of the Commission then addressed the Board, stating his views on the matter, and he, together with the Chairman, then answered the questions put by various members of the Board.

Having covered the four matters presented by the Aldermen for discussion, asking if there was anything further that the Board desired to hear them on, and receiving a negative reply from the Chairman of the Board of Aldermen, and his thanks for the Board to the members of the Park Commission for their attendance, and the information given, the Park Commission retired from the meeting at 10.15 P. M.

After the Commission retired, the Mayor addressed the Aldermen, stating that he had listened attentively to all that had been said, and he now felt that as he had thought all along, that a great mistake had been made, and that he was, after listening to all the facts in the case, sure of it, and fur-

ther that he felt that the Board of Aldermen must also feel the same way, and that they could well anticipate his action if he was further called upon in the matter. However, he hoped that they would, in view of the facts as presented, take proper action.

At a later date the Park Commission received a communication from the Board of Aldermen stating that on motion of Alderman Daly, duly seconded, the following was passed unanimously: Moved: "That after an investigation we find no cause to request the Mayor to remove the members of the Park Commission."

THE PARK COMMISSION submits for inspection the "Public Commons," "Playgrounds Equipment," "Bath Houses," and "Playground Supervision" Accounts for January 1st to December 31st, 1922.

CITY OF MEDFORD—PARK DEPARTMENT

1922

"Public Commons" Account

January 1 to December 31

Receipts

May 3: Appropriation	\$8,500.00	
Dec. 27: Transfer from "Play- ground Supervision"	174.84	
	<hr/>	\$8,674.84

Expenses

Supervision and office expenses	\$1,298.22	
Pay Rolls and Teaming	6,616.51	
Police	10.00	
Repairs and Improvements to Parks, Playgrounds and Structures	494.09	
Tools Account	107.68	
Supplies Account	135.90	
Balance	12.44	
	<hr/>	\$8,674.84
Amount expended \$8,662.40.		

"Playground Supervision"**Receipts**

May 3: Appropriation	\$1,800.00	\$1,800.00
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Expenses

Supervisor	199.95	
Pay Rolls	1,135.98	
Supplies	212.43	
Sand	51.80	
Traveling Expenses	25.00	
Balance, transferred to "Public Commons" account....	174.84	
	<hr/>	\$1,800.00
Amount Expended \$1,625.16.		

"Bathhouses"**Receipts**

May 3: Appropriation	\$400.00	\$400.00
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Expenses

Caretaker	382.25	
Repairs	16.00	
Balance	1.75	
	<hr/>	400.00
Amount Expended \$398.25.		

"Playground Equipment"

(Bond Issue)

Balance (None Expended)	\$3,000.00
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"Park Street and Wellington Parks"

(Bond Issue)

Balance	\$8,692.69
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Summary of Accounts Expended for the Year 1922

Public Commons	\$8,662.40	
Playground Supervision	1,625.16	
Bath Houses	398.25	
	<hr/>	\$10,685.81

ESTIMATES**Appropriation Requested for 1923**

The Commission recommends the following appropriation for the use of the Park and Playgrounds Department for the ensuing year:

Public Commons, including Playgrounds:

Salaries of Superintendent and Clerk.....	\$1,500.00
Office Expenses	200.00
Payrolls and Teaming	7,000.00
Repairs and Improvements to Parks, Play- grounds and Structures	600.00
Tools Account	350.00
Supplies	300.00
	<hr/>
	\$9,950.00
Playground Supervision	1,800.00
Bath Houses	400.00
	<hr/>
Total	\$12,150.00

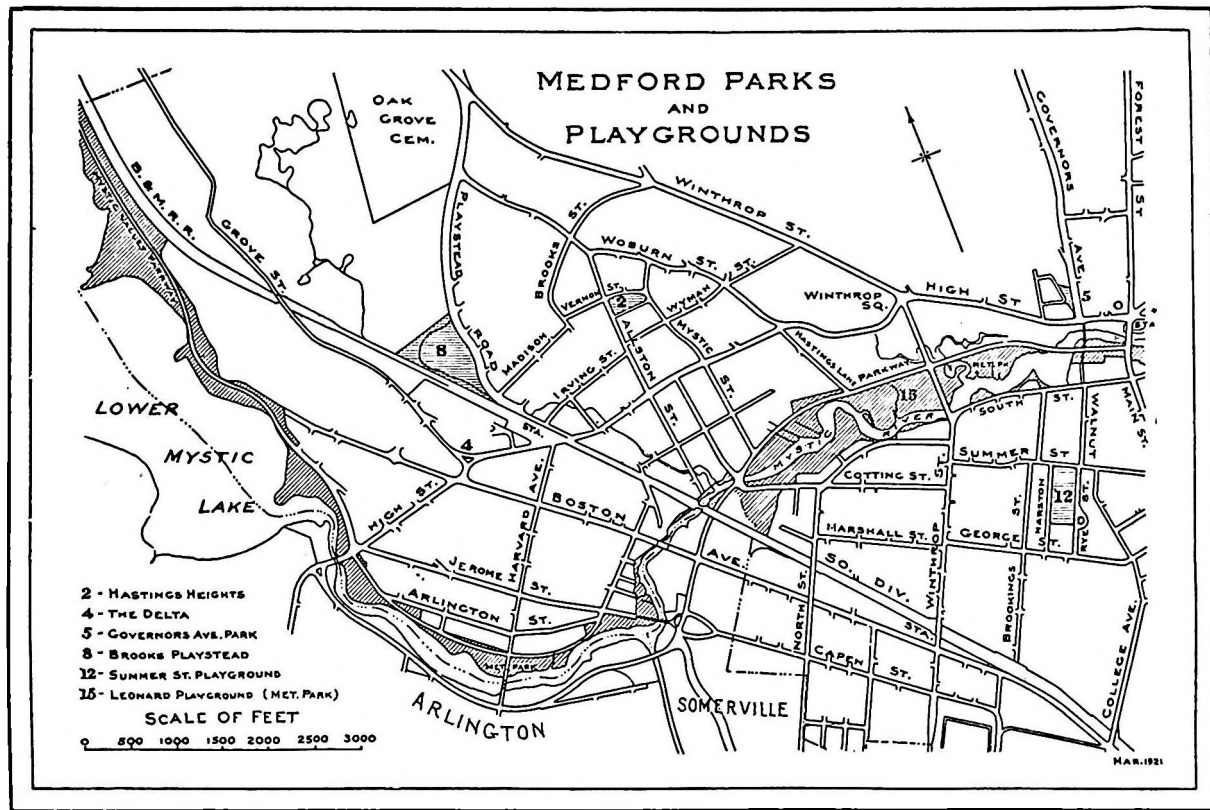
A copy of the reports of E. P. Adams, Park Superintendent, and Edmund W. O'Donnell, Supervisor of Playgrounds, are appended as part of this report; and your Honor's attention and that of the Board of Aldermen is requested to their statements of the needs of Medford Parks and Playgrounds.

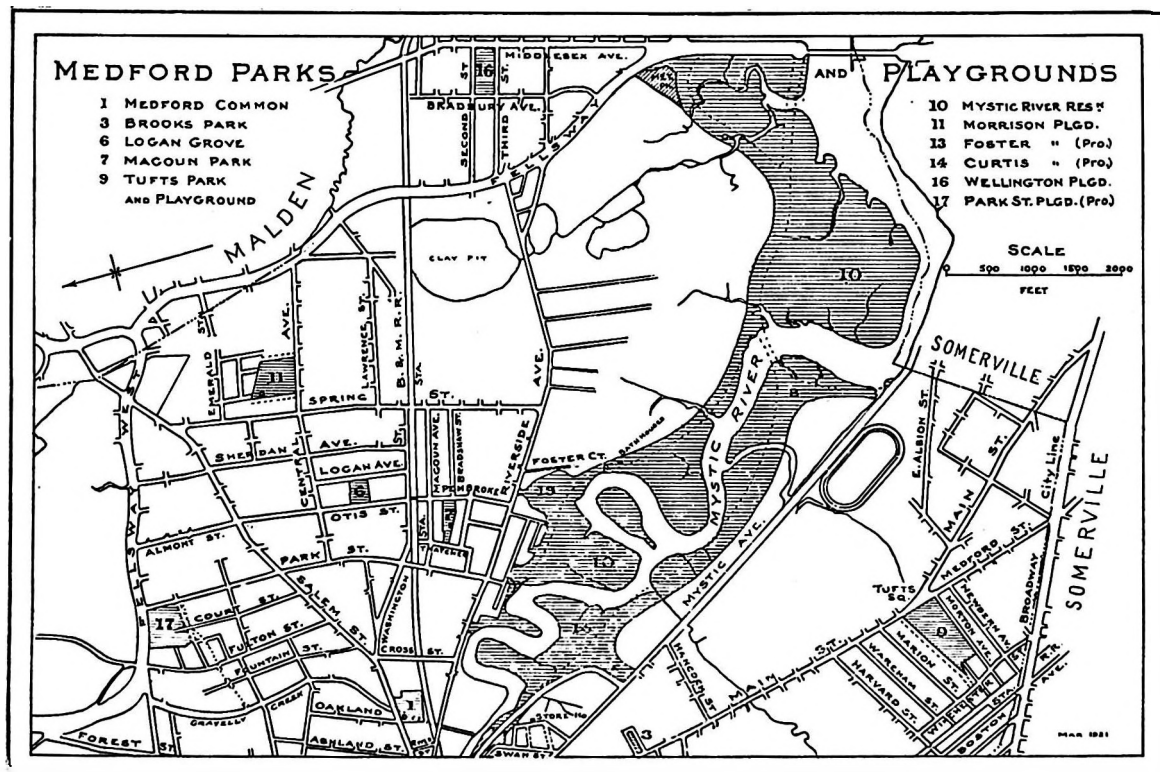
Respectfully submitted,

WILTON B. FAY,
IRWIN O. WRIGHT,
HERMAN L. BUSS,
ARTHUR W. CROCKFORD,
THOMAS D. COLLINS,

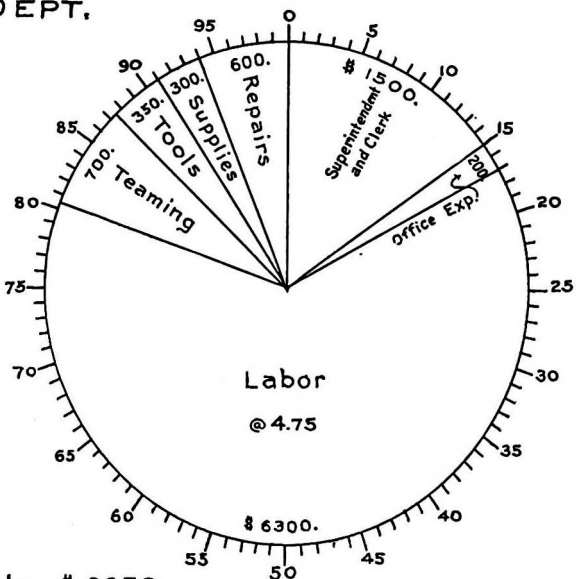
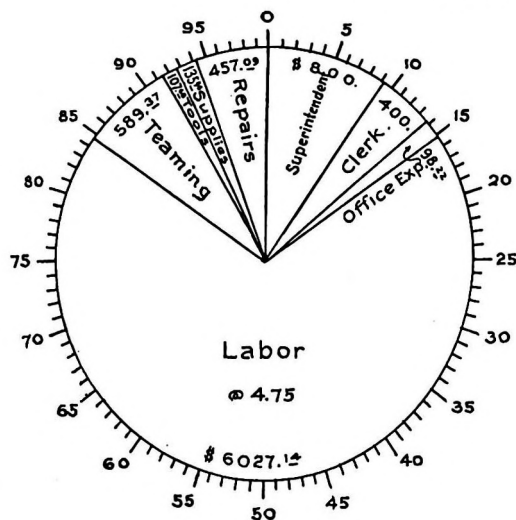
Park Commission, City of Medford.

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MEDFORD PARK DEPT.



\$8662.40 Totals \$9950.

1922 EXPENDED

ESTIMATED 1923

**REPORT OF SUPERINTENDENT OF PARKS AND
PLAYGROUNDS**

1922

Medford, Mass., January 1, 1923.

Hon. Wilton B. Fay,

Chairman Board of Park Commissioners,

City of Medford.

Dear Sir:—

The following annual report of park and playground work during the year 1922 is respectfully submitted. All supervised playground activities, during the summer season from July 7th to August 31st inclusive, are described in the annual report of the Supervisor of Playgrounds.

The repair of damage caused by the ice storm of Nov. 28, 1921, was the first park work of the year. This necessary but unusually extensive tree work reduced the amount available for maintenance payrolls on repairs and improvements so much that many items of intended work had to be postponed a year. Spraying for the San Jose scale, pruning, Leopold moth work, and a cement floor in the storehouse were postponed. The long season of moist weather, with rankly growing grass continuing until the middle of November, gave no opportunity to reduce lawn-mowing and so find time for digging shrubbery beds more frequently and doing some intended new planting. But the lawns never looked better.

Early in the summer the old wooden back-stop at Tufts Park Playground was replaced by a new iron tubular back-stop covered with No. 6 chain-link fabric, all galvanized. The tubular posts were set in concrete in advance.

Before the back-stop was completed the Water Division of the Metropolitan District Commission had a 20-inch water pipe laid along the northerly side of this park and playground, in the proposed street on Casey Land, and across the westerly end of the playground to Morton Avenue, just clearing the new back-stop.

At the bath houses at Foster Court there was better order on the bathing beach in consequence of the wooden floor which was laid in the men's and boys' bath house last year. Some improvement to the beach was made by the removal of eel grass.

In September, additional estimates for proposed playground in Ward 2 were made, to separate the cost of extension of Fulton Terrace from the cost of taking and grading playground.

On September 11th, by request of Park Commission, attended Board of Survey hearing regarding grades of Second and Third Streets adjoining Wellington Playground.

August 2, 1922, at Tufts Park Playground, a boy was injured by a quoit which struck him on the head, requiring a doctor's services. The case was inquired into and it was found that it was the boy's own fault.

On October 4th at Tufts Park Playground Mr. Biggs, our working foreman, seriously injured his right eye as previously reported in detail. Fortunately for Mr. Biggs, the City of Medford had accepted the act by which the Industrial Accident Board was established. The Insurance Company paid the bills.

The damage caused by malicious mischief has been considerable. The following is a list of the more important instances:

March 25, at Hastings Heights Tower, lock broken and carried off.

April 10, at Hastings Heights, damage to flagpole and halliards.

May 9, at Logan Grove, iron fence broken around rhododendron bed.

June 17, at Hastings Heights, halliards cut and pulled out of topmast block. Four days later the police found out names and addresses of boys who cut halliards. The estimated cost of making repairs of this damage was over \$60. A statement of the amount of damage, with a list of the names and addresses of the boys who caused the damage, were sent to Mayor Haines. So far as known no action was taken by the Mayor. The boys should have been obliged to earn the money to pay for the damage they caused.

July 14th, at Common, band stand was broken into and contents of band stand seriously damaged. The miscreants have not been apprehended.

Sept. 30, at Playstead, boys rolled away and smashed a barrel of plaster of paris which had been delivered near the back-stop for use in marking side lines of football field.

Oct. 31, at Morrison Playground, the soccer football goal posts were smashed. The goals were repaired and set Nov. 4th.

Nov. 9, at Hastings Heights, halliards were cut and 125 feet of the rope stolen. Police were notified as usual. No results. At Logan Grove, sign was pulled up the same day.

Nov. 22, at Tufts Park Playground, one goal post was broken off close to the ground. Two goal posts were broken at Summer Street Playground a few days later.

The total loss was about one hundred and seventy-five dollars.

Recommendations: A larger storehouse is needed. With so many mowing machines and playground apparatus stored during the winter, there is too little room for painting and making repairs.

The worn-out mowing machines should be sold.

There should be a cement floor in the present storehouse.

Spraying and pruning shrubs and Leopold moth work on trees, delayed for lack of funds, should receive more than usual attention and expense the coming year.

Another shelter at Morrison Playground, and a comfort station or field house have been called for. A shelter or field house with comfort station should eventually be built at every playground, as has been done in many cities. To be kept open in winter there must be a heating plant.

A caretaker and a matron would be required at every field house. Before any such building is built, a careful study of what has been found best elsewhere and plans to accommodate every section of the City should be made, and cost estimated. Then the construction is not likely to be regretted afterward.

A tennis court should be built in the northwestern corner of Brooks Playstead.

One or two special park police are urgently needed; and every year makes the need more urgent.

Respectfully submitted,

EDWARD P. ADAMS,

Superintendent of Parks and Playgrounds.

FOSTER COURT BATH HOUSES ATTENDANCE—1922

From the Reports of Henry J. O'Brien, Caretaker

Date	Day	Women	Girls	Men	Boys	Total
June						
7	Wed.	20	60	20	50	150
8	Thurs.	15	50	15	40	120
9	Fri.	50	200	25	100	375
10	Sat.	10	25	10	20	65
11	Sun.	50	200	50	150	450
12	Mon.	10	30	5	25	70
13	Tues.	25	50	10	35	120
14	Wed.	25	60	10	40	135
15	Thurs.	30	60	20	50	160
16	Fri.	10	25	5	20	60
17	Sat.	10	30	5	25	70
18	Sun.	5	25	10	30	70
19	Mon.	10	20	5	15	50
20	Tues.	10	20	5	15	50
21	Wed.	5	10	5	10	30
22	Thurs.	15	35	10	25	85
23	Fri.	10	35	10	30	85
24	Sat.	30	150	25	125	330
25	Sun.	60	200	50	150	460
26	Mon.	50	150	40	125	365
27	Tues.	60	175	50	150	435
28	Wed.	75	200	40	175	490
29	Thurs.	75	190	50	160	475
30	Fri.	50	175	35	175	435
Total		710	2175	510	1740	5135

FOSTER COURT BATH HOUSES, ATTENDANCE—Continued

Date	Day	Women	Girls	Men	Boys	Total
July, 1922						
1	Sat.	75	225	60	200	560
2	Sun.	50	200	50	175	475
3	Mon.	75	225	60	200	560
4	Tues.	10	40	10	50	110
5	Wed.	5	25	10	20	60
6	Thurs.	10	60	15	50	135
7	Fri.	25	150	30	125	330
8	Sat.	75	225	75	200	575
9	Sun.	75	200	60	175	510
10	Mon.	50	175	75	150	450
11	Tues.	50	165	50	160	425
12	Wed.	60	200	50	175	485
13	Thurs.	75	275	60	230	640
14	Fri.	50	200	50	175	375
15	Sat.	50	225	75	200	550
16	Sun.	50	200	50	175	475
17	Mon.	40	200	40	175	455
18	Tues.	75	225	60	200	560
19	Wed.	75	175	75	200	525
20	Thurs.	75	200	50	175	500
21	Fri.	50	200	60	200	510
22	Sat.	75	200	60	225	560
23	Sun.	60	225	75	250	610
24	Mon.	25	75	20	60	180
25	Tues.	20	60	25	75	180
26	Wed.	25	70	30	80	205
27	Thurs.	60	175	75	150	460
28	Fri.	70	200	50	175	495
29	Sat.	75	200	50	200	525
30	Sun.	75	250	75	225	625
31	Mon.	75	225	75	200	575
Total.....		1660	5470	1600	5050	13780

FOSTER COURT BATH HOUSES, ATTENDANCE—Continued

Date	Day	Women	Girls	Men	Boys	Total
August, 1922						
1	Tues.	75	200	90	175	540
2	Wed.	50	175	50	150	425
3	Thurs.	20	60	20	75	175
4	Fri.	25	75	25	80	205
5	Sat.	50	225	60	200	535
6	Sun.	25	200	40	175	440
7	Mon.	25	175	30	150	380
8	Tues.	60	225	50	200	535
9	Wed.	25	175	30	150	380
10	Thurs.	25	160	25	150	360
11	Fri.	30	150	20	125	325
12	Sat.	5	30	5	25	65
13	Sun.	75	225	75	200	575
14	Mon.	50	200	60	190	600
15	Tues.	60	225	50	200	535
16	Wed.	75	250	75	225	625
17	Thurs.	110	225	100	200	635
18	Fri.	100	200	75	175	550
19	Sat.	50	160	50	175	435
20	Sun.	50	200	75	200	525
21	Mon.	15	60	10	50	135
22	Tues.	25	175	30	125	355
23	Wed.	50	200	40	150	440
24	Thurs.	20	150	25	175	370
25	Fri.	25	175	20	150	370
26	Sat.	10	80	10	75	175
27	Sun.	15	75	15	90	195
28	Mon.	10	60	10	75	155
29	Tues.	20	150	25	125	320
30	Wed.	30	160	30	150	370
31	Thurs.	20	150	25	175	370
Total.....		1225	4970	1245	4560	12000

FOSTER COURT BATH HOUSES, ATTENDANCE—Continued

Day	Date	Women	Girls	Men	Boys	Total
September, 1922						
1	Fri.	25	100	20	125	270
2	Sat.	20	150	25	160	355
3	Sun.	50	175	40	150	415
4	Mon.	20	120	30	125	295
5	Tues.	50	180	40	175	445
6	Wed.	20	60	20	75	175
7	Thurs.	10	60	25	50	145
8	Fri.	20	75	20	60	175
9	Sat.	40	130	30	125	325
10	Sun.	50	100	40	125	315
11	Mon.	20	40	15	75	150
12	Tues.	10	35	10	30	85
13	Wed.	20	40	20	50	130
14	Thurs.	15	40	15	35	105
15	Fri.	10	35	20	40	105
16	Sat.	15	40	25	50	130
17	Sun.	5	10	5	15	35
18	Mon.	10	15	10	20	55
19	Tues.	10	20	5	25	60
20	Wed.	5	25	10	30	70
21	Thurs.	5	20	10	25	60
22	Fri.	5	15	10	20	50
23	Sat.	10	30	15	40	95
24	Sun.	5	30	20	50	105
25	Mon.	5	15	5	20	45
26	Tues.	10	15	10	25	60
27	Wed.	10	20	15	25	70
28	Thurs.	10	25	20	30	85
29	Fri.	15	35	20	40	110
30	Sat.	20	35	25	45	125
Total.....		520	1600	575	1860	4645

FOSTER COURT BATH HOUSES, ATTENDANCE—Continued

Date	Day	Women	Girls	Men	Boys	Total
October, 1922						
1	Sun.	25	40	30	50	145
2	Mon.	20	35	25	40	120
3	Tues.	10	20	15	25	70
4	Wed.	10	25	15	30	80
5	Thurs.	5	15	10	20	50
6	Fri.	5	10	10	25	50
7	Sat.	10	15	10	20	55
8	Sun.	5	20	15	20	60
9	Mon.	5	20	5	15	45
10	Tues.	5	10	5	10	30
11	Wed.	5	10	5	15	35
12	Thurs.	5	10	10	15	40
13	Fri.	3	6	2	5	16
14	Sat.	4	8	5	10	27
15	Sun.	3	10	5	10	28
16	Mon.	2	5	8	5	20
17	Tues.	3	5	5	6	19
18	Wed.	2	6	3	5	16
19	Thurs.	2	6	5	10	23
20	Fri.	3	5	4	5	17
21	Sat.	5	10	5	10	30
Total.....		137	291	197	351	976

FOSTER COURT BATH HOUSES—SUMMARY, 1922

Month	Women	Girls	Men	Boys	Total
June	710	2,175	510	1,740	5,135
July	1,660	5,470	1,600	5,050	13,780
August	1,225	4,970	1,245	4,560	12,000
September ..	520	1,690	575	1,860	4,645
October	137	291	197	351	976
	4,252	14,596	4,127	13,561	36,536

January 31, 1923.

To the Board of Park Commissioners.

Gentlemen :

I hereby present the fifth annual report of the Supervisor of Playgrounds in relation to the work of the instructors at the parks of the city for the season of 1922.

The following instructors were selected by the Supervisor and appointed by the Park Board :

Tufts Park

Miss Leila Allen, Melrose.

Mr. Francis Bowler, Medford.

Brooks Playstead

Miss Elsie Allen, Medford.

Mr. Charles Donnellan, Medford.

Morrison Park

Miss Miriam Starr, Medford

Mr. Raymond Tobey, Medford.

Summer Street Playground

Miss May Cleary, Medford.

Mr. Seldon Coombs, Medford.

The playground season opened Friday, July 7th, and was open every week day from 9 to 12 in the morning and from 2 to 5 in the afternoon, excepting Saturdays, when the grounds were closed at noon. The season closed Thursday, August 31st, with a Track and Field Day at the Brooks Playstead, which was attended by more than a thousand

boys and girls with their parents. The following program was presented on that day:

- 1—Parade onto grounds
- 2—Dashes for boys
- 3—Stunts by Junior boys of Tufts and Morrison Parks
- 4—Dashes for girls
- 5—Runs by boys
 - a Juniors, 220 yards
 - b Intermediates, 220 yards
 - c Seniors, 440 yards
- 6—Solo Dances by girls
 - a Morriss Tango by Helen Rice of Brooks Playstead
 - b "Three o'Clock in the Morning," by Lillian Edgerly, Tufts
 - c Irish Jig by Romona Desmond of Summer Street
 - d "The Wee Little Vamp" by Marion Cadigan of Morrison Park
- 7—Baseball throwing for boys and girls
- 8—Stunts by girls
 - a Nosing the Peanut by Brooks Playstead
 - b Aeroplaning by Tufts Park
 - c Human Race by Summer Street
 - d Spoon Food by Morrison Park
- 9—Field Events for boys
- 10—Sack Race
- 11 Stunts by boys
 - a Paper Swat by Brooks Playstead
 - b Bull Fight by Tufts
 - c Pyramid Building by Summer Street
 - d Blind Boys' Boxing Bouts by Morrison Park
- 12—Boys' Relay Races
- 13—Girls' Relay Races
- 14—Peanut Scramble
- 15—Award of Prizes

The season taken as a whole was a marked success, although the attendance was not as great as the former year. This, it can be said, was due to the extreme heat throughout the season. A varied program of games and competitive sports was carried on. Leagues were formed in baseball for the boys and batball, dodgeball and volley ball for the girls. In the Intermediate Boys' Baseball League a total of 14 games was played, with an approximate of 350 boys taking part. In the Junior Boys' League, six games were played, totaling about 250 boys. In the three girls' leagues a total of 27 games was played, with an approximate of 425 girls taking part.

Apart from the league games in competitive sports many quiet games were enjoyed, including circle games, line games, relays, quoits, croquet, bean bags, indoor baseball and many other such games. Story-telling to the tots was also a part of the program.

On especially hot days the Supervisor granted the instructors the privilege of taking the boys and girls swimming. At no time during working hours were both directors away from the grounds, one or the other being present.

The Supervisor sees a great need in a Special Instructor who could visit the playgrounds one day a week to instruct the girls in sewing, basketry, reed work and dancing; also the small boys in basketry and reed work. This type of work has experienced great success in other cities.

There is also a great need for an additional playground somewhere near or north of Medford Square. There are many children near the square and Fulton Heights that never frequent a playground because of the distance. It is the opinion of the Supervisor that the Common would be a suitable place, as many children were seen playing there during playground hours.

It might also be added that better work could have been accomplished had the supplies not been limited. Too little material handicapped the instructors.

Tufts Park

This park had the largest attendance during the season, most likely due to the abundance of shade on the grounds and being located in a very thickly populated section of children. Miss Allen and Mr. Bowler handled the large groups exceptionally well, creating great interest in the children. The teams from this park did especially well in getting two first places, one second and two thirds.

Summer Street

This park had the second largest attendance, although there is little or no shade afforded. Baseball was Summer's most popular sport, but the Supervisor found it hard to keep them supplied with balls, due to the gravel surface on the diamonds. Miss Cleary handled her groups of children in a very able manner, as did Mr. Coombs. Both were well-liked by the children. Their teams managed to finish in one first, one second, one third and two fourth places.

Morrison Park

This park, entirely without shade, had the smallest attendance, although under the conditions Miss Starr and Mr. Tobey did excellent work. Mr. Tobey created a lot of interest in his boys by his new and original games. Their league's team captured two first places, two seconds and one third for the best standing of all the parks. This park was practically without swings during the entire season. The Supervisor highly recommends the work of Mr. Ray Tobey.

Brooks Playstead

Work on this playground was very successfully carried on by Miss Allen and Mr. Donnellan. Their teams did not fare so well in the league games, due to the lack of older boys and girls. They managed to take one second place, one third and three fourth. It is the Supervisor's opinion that this park is an ideal place for tennis courts where there is such ample room. The city should own enough tennis courts to provide a place for all those who desire to play.

The Supervisor would like to express his appreciation to the Park Board, Mr. Adams, Mr. Reed and the instructors of the playgrounds for their untiring effort to make this past season the success it was. Thanks to the press for its unlimited space in its publication conveying to the public the work of the playgrounds.

Respectfully submitted,

(Signed) E. W. O'DONNELL,
Supervisor of Playgrounds.

Attendance Chart

No attempt was made to keep an itemized account of the attendance of the different classes of boys and girls. Each instructor kept a daily report, but reported only the weekly totals, which are as follows:

	JULY				AUGUST					
	8	15	22	29	5	12	19	26	31	Totals
Tufts	225	820	974	1083	1221	1386	1297	1170	732	8908
Summer	195	510	560	591	572	522	581	742	496	4769
Brooks	156	450	495	531	526	582	672	557	1450	5419
Morrison	121	405	487	482	431	496	503	521	298	3744
Totals....	697	2185	2516	2687	2750	2986	3053	2990	2976	22,840

Report of Water and Sewer Commissioners

Medford, Mass., January, 1923.

Hon. Richard B. Coolidge,
Mayor of the City of Medford.

Dear Sir:

The annual report of the Water and Sewer Department for the year 1922 is herewith submitted.

The personnel of the board has remained the same as reported a year ago.

The water consumption by the City as reported by the Metropolitan Water and Sewerage Board totaled for the year 800,600,000 gallons; the low service was 622,906,000 gallons and the high service was 177,694,000 gallons, which figures 2,193,400 gallons average per day, or 51 gallons average per person per day for the year compared with 45 gallons for the year 1921.

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, three thousand dollars (\$3,000); and for Brooks and Streams, five hundred dollars (\$500.00).

The work done in detail follows:

NEW MAINS

STREET	LOCATION	Length	Size
Andrews Street.....	From Fulton Street to hydrant.....	25 ft.	6 in.
Bradlee Road.....	From end to Porter Road, south.....	33 ft.	6 in.
Clifton Street.....	From Lawrence Road, southerly.....	178 ft.	6 in.
College Avenue.....	From end to Windsor Road.....	135 ft.	8 in.
Emerald Street.....	From end to Linwood Street.....	143 ft.	12 in.
Fells View Avenue.....	From Gilson Avenue, southerly.....	101 ft.	6 in.
Fellsway	From Myrtle Street, northerly.....	220 ft.	2 in.
Fulton Street.....	From end to end.....	629 ft.	8 in.
Governors Avenue.....	From end, northerly.....	120 ft.	8 in.
Greenleaf Avenue.....	From end, easterly.....	28 ft.	6 in.
Hall Street.....	From Riverside Avenue, southerly.....	333 ft.	6 in.
Hurlcroft Avenue.....	From Linwood Street to Wicklow Avenue.....	654 ft.	6 in.
Lawrence Road (Hall).....	From end to west of Governors.....	671 ft.	8 in.
Linwood Street.....	From Hurlcroft to Central Avenue.....	243 ft.	6 in.
Park Avenue.....	From end, southerly.....	99 ft.	4 in.
Piggott Road.....	From gate to North Street.....	12 ft.	8 in.
Porter Road.....	From Bradlee Road, westerly.....	45 ft.	6 in.
Rural Street.....	From end, southerly.....	85 ft.	6 in.
Sagamore Park.....	From Grove Street, westerly.....	217 ft.	6 in.
Sturges Street.....	From Elm Street, easterly.....	453 ft.	6-4 in.
Surrey Street.....	From Fellsway West, southerly.....	358 ft.	6 in.
Tesla Avenue.....	From Hillsdale Road to Winthrop.....	711 ft.	6 in.
Wicklow Avenue.....	From Hurlcroft to Malden Street.....	109 ft.	6 in.
Windsor Road.....	From end to Hinsdale Road.....	429 ft.	6 in.
Winthrop Street.....	To Somerville Line.....	249 ft.	6 in.
Yale Street.....	From end, westerly.....	84 ft.	6 in.
		6,364 ft.	

Total length mains in use January 1, 1922..... 404,300 ft.

Extension of mains, 1922..... 6,364 ft.

Total length mains in use January 1, 1923..... 410,664 ft. or 77.777 miles

Main Leaks

Twenty main leaks have been attended to.

New Hydrants

Andrews Street	cor. Fulton Street
Governors Avenue	at the hospital
Hall Street	330 ft. south of Riverside Avenue
Hurlcroft Avenue	310 feet west of Wicklow Avenue
Lawrence Road	250 feet east of Governors Avenue
Sturges Street	275 feet east of Wason Street
Tesla Avenue	50 feet west of Edison Avenue
Tesla Avenue	cor. Winthrop Street
Windsor Road	cor. Rhinecliff Street

There are now 749 hydrants available for fire purposes which are inspected and kept in good repair by this department.

Services

Two hundred and eighty-nine new services have been installed, their length totaling 13,599 feet 10 inches; 6,095 feet 9 inches in the street and 7,504 feet 1 inch on private property.

Forty-one services have been renewed in the street, 76 on private property, 112 leaks repaired, 12 have been raised or lowered and 151 have been cleared.

Three services were abandoned.

Meters

During the year there have been set 275 meters on services new; 465 meters, 87 of which were frozen, have been taken out, cleaned, repaired and tested.

Three metered services were abandoned.

SEWER CONSTRUCTION, 1922

STREET	LOCATION	Length	Size
Central Avenue.....	From Sta. 8+74.05 to Sta. 8+85.05.....	11.0 ft.	8 in.
Clifton Street.....	From Lawrence Road to Sta. 1+67.17.....	167.17 ft.	8 in.
Emerald Street.....	From Linwood Street to Sta. 1+56.63.....	156.63 ft.	8 in.
Forest Street.....	From Sta. 14+34.85 to Sta. 17+30.56.....	295.71 ft.	8 in.
Fellsway (west side).....	From Myrtle Street to Sta. 1+09.6, East Side.....	109.60 ft.	8 in.
Fellsway (east side).....	From Sta. 1+09.6 northerly to Sta. 3+39.5.....	229.9 ft.	6 in.
Fellsway West.....	From east of Park St. to Sta. 2+81.38.....	110.08 ft.	8 in.
Fellsway West.....	From Sta. 1+07.5 Valley St. to Sta. 5+05.41, Cypress Rd.	397.91 ft.	12 in.
Governors Avenue.....	From Lawrence Road to Sta. 3+18.86.....	318.86 ft.	8 in.
Greenleaf Avenue.....	From Sta. 3+22.02 to Sta. 3+77.02.....	55.0 ft.	8 in.
Hurleroft Avenue.....	From Wicklow Avenue to Sta. 6+71.15.....	671.15 ft.	8 in.
Lawrence Road.....	From Sta. 4+49.35 to Sta. 14+23.48.....	974.13 ft.	8 in.
Linwood Street.....	From Hurleroft Ave. to Sta. 2+36.65.....	236.65 ft.	8 in.
Linwood Street.....	From Hurleroft Avenue to Sta. 5+74.32.....	574.32 ft.	8 in.
Rural Street.....	From Sta. 4+18.49 to Sta. 5+25.45.....	106.96 ft.	8 in.
Sagamore Park.....	From Woodland Road to Sta. 1+90.15.....	190.15 ft.	8 in.
South St. Court.....	From South Street to Sta. 2+15.57.....	215.57 ft.	6 in.
Surrey Street.....	From Sta. 8+56.56 to Sta. 12+24.10.....	367.54 ft.	8 in.
Tesla Avenue.....	From Hillsdale Road to Sta. 5+52.....	552.00 ft.	8 in.
Valley Street.....	From Gravelly Creek to Sta. 1+07.5, Fellsway West...	107.50 ft.	12 in.
Winthrop Court.....	From Winthrop Street, easterly to Sta. 0+90.75.....	90.75 ft.	8 in.
Windsor Road.....	From Sta. 8+98.9 to Sta. 13+01.32.....	402.42 ft.	8 in.
Woodland Road.....	From Sta. 2+74.65 to Sta. 5+95.17.....	320.52 ft.	8 in.
Wicklow Avenue.....	From Central Ave. to Sta. 2+46.62.....	246.62 ft.	8 in.
Wedgemere Road.....	From George Street to Sta. 4+10.....	410.00 ft.	8 in.
Winthrop Street.....	From Sta. 4+35.5 to Sta. 9+01.33.....	465.83 ft.	8 in.
		7,783.97 ft.	

Total length of sewers January 1, 1922..... 360,334.24 ft.

Sewers laid during 1922..... 7,783.97 ft.

Total length of sewers January 1, 1923..... 368,118.21 ft. or 69.719 miles

Sewer Connections

Two hundred and fifty-three connections have been made with the main sewer.

Sewer Maintenance

Thirty-nine connections have been cleared of obstructions, two of which were repaired.

The following financial statement for the year is reported by the Registrar:

Water Works Account, 1922**Cr.**

Receipts, water rates	\$104,073.82
Receipts, construction	15,343.95
Receipts, maintenance	1,108.16
Receipts, meter account	12.00
	<hr/>
	\$120,537.93

Dr.

Paid, maintenance of the works.....	\$ 29,046.02
Paid, twenty-fourth assessment for Metropolitan Water....	41,268.34
Paid, construction, meters and service pipes.....	45,682.15
Unexpended balance of year's receipts.....	4,541.42
	<hr/>
	\$120,537.93

Sewer Construction Account, 1922**Cr.**

Balance remaining (see previous report).....	710.39
Sewer Assessments	12,214.03
Sewer connection assessments	18,339.78
Apportioned accounts	4,728.88
Appropriation	32,000.00
Receipts, stock and labor bills.....	1,420.59
	<hr/>
	\$ 69,413.67

354 REPORT OF WATER AND SEWER COMMISSIONERS

Dr.

Paid, sewer construction, 1922.....	\$ 43,078.64
Apportioned accounts	17,000.64
Sewer assessments abated	45.60
Balance unexpended Dec. 30, 1922.....	9,288.79
	<hr/>
	\$ 69,413.67

Sewer Maintenance Account, 1922

Cr.

Appropriations	\$ 2,500.00
Receipts, 1922	152.82
	<hr/>
	\$ 2,652.82

Dr.

Paid during 1922	\$ 2,624.73
Balance unexpended December 30, 1922.....	28.09
	<hr/>
	\$ 2,652.82

Brooks and Streams Account, 1922

Cr.

Appropriations	\$ 400.00
----------------------	-----------

Dr.

Paid during 1922	\$ 399.83
Balance unexpended December 30, 1922.....	.17
	<hr/>
	\$ 400.00

Sewer Assessments

Total assessments, January 1, 1922.....	\$332,984.42
Assessments abated during 1922.....	45.60
	<hr/>
	\$332,938.82
Assessments levied during 1922.....	12,214.03
	<hr/>

Total assessments levied to date.....\$345,152.85

Petitions for the apportionment of sewer assessments to the amount of \$673.41 were granted during 1922 and the same certified to the Board of Assessors.

The sewer connection work during the year has cost per foot as follows:

1 connection	40 ft.	Cost between	\$0.80 and	\$0.90
11 "	564 ft.	" "	.90 "	1.00
199 "	8,653 ft.	" "	1.00 "	2.00
37 "	1,498 ft.	" "	2.00 "	3.00
3 "	88 ft.	" "	3.00 "	4.00
1 "	227 ft.	" "	4.00 "	5.00
1 "	11 ft.	Cost over	5.00	

Making 253 connections, 11,081 feet, costing \$17,876.05, making the average cost per linear foot of new connection \$1.613, besides 9 connections extended, shortened, lowered or changed, costing \$359.57 and 2 drain connections costing \$104.16, making a total for the year, connections assessed to January 1, 1923, \$18,339.78.

Total number of sewer connections.....	6,751
Total length of all sewer connections.....	302,088 ft.
	or 57.21 miles
Total cost of all sewer connections.....	\$198,890.70
Average length of all sewer connections.....	44.74 ft.
Average cost per foot of all sewer connections.....	\$0.6583
Buildings connected with sewer Dec. 31, 1922.....	6,616
Families accommodated (see last report).....	9,336
Additional accommodated during 1922.....	412
	<hr/> 9,748

Besides families accommodated during 1922, were forty stores, six garages, one shop, one stable, one hospital, one theatre, two factories, one lobby building and two offices.

Water Maintenance, 1922

	Bills	Labor	Total
Administration	\$ 7,006.21	\$ 1,730.77	\$ 8,736.98
Main pipe leaks	205.57	606.83	812.40
Service pipe leaks.....	98.29	645.52	743.81
Services cleared or renewed.....	115.55	193.95	309.50
Services abandoned		18.15	18.15
Services inspected		1.91	1.91
Services low to high.....		.72	.72
Gates, stops and boxes.....	105.80	389.91	495.71
Meters	1,322.72	5,067.61	6,890.33
Hydrants	493.70	963.59	1,457.29
Fountains	40.75	72.23	112.98
Main pipe expense.....		15.05	15.05
Stable and garage.....	2,863.39	2,290.83	5,163.22
Shop and stock	995.30	1,329.62	2,324.92
Wrights Pond expense.....	210.10	678.48	888.58
Blowing off mains.....		7.93	7.93
Taking account of stock.....	10.00	43.92	53.92
Turning on and off water.....		454.50	454.50

356 REPORT OF WATER AND SEWER COMMISSIONERS

Delivering bills	105.00	403.21	508.21
City of Malden for water.....	6.95		6.95
Aid to truck mired.....		8.90	8.90
Repair air valve.....		2.69	2.69
Teaming, band stand, etc.....		31.37	31.37
	<u>\$14,079.33</u>	<u>\$14,966.69</u>	<u>\$29,046.02</u>

New Mains Account			
	Bills	Labor	Total
Andrews Street (with Fulton St.)....			
Bradlee Road	57.33	68.94	126.27
Clifton Street	228.77	178.76	407.53
College Avenue	228.43	224.25	452.68
Elm Street	4.00	13.54	17.54
Emerald Street	351.50	152.86	504.36
Fells View Avenue	459.06	426.35	885.41
Fellsway	179.18	5.41	184.59
Fulton Street	2,224.66	1,895.38	4,120.04
Governors Avenue	722.69	330.46	1,053.15
Greenleaf Avenue	69.44	98.12	167.56
Hall Street	589.20	528.10	1,117.30
Hurleroff Avenue	757.22	217.32	974.54
Lawrence Road (Hall)	1,430.29	938.71	2,369.00
Linwood Street	291.95	318.47	610.42
Park Avenue	82.32	77.52	159.84
Piggott Road	35.22		35.22
Porter Road	87.39	69.60	156.99
Rural Street	84.26	54.25	138.51
Sagamore Park	321.73	145.65	467.38
Sturges Street	464.44	310.18	774.62
Surrey Street	364.08	172.25	536.33
Tesla Avenue	1,311.45	1,037.68	2,349.13
Wedgemere Road	21.00	82.50	103.50
Wicklow Avenue	160.20	115.47	275.67
Windsor Road	696.93	540.78	1,237.71
Winthrop Street	405.65	410.92	816.57
Yale Street	89.53	71.30	160.83

Other Expenses

	Bills	Labor	Total
New Services Laid	\$ 7,895.63	\$ 3,099.61	\$10,995.24
New Meters account.....	4,113.76	136.21	4,249.97
New Gates account	56.36	29.78	86.14
New Blow Offs account.....		5.78	5.78
Engineering	372.79		372.79
Work done, to be collected for.....	2,056.64	2,104.55	4,161.19
Stable and Garage.....	4,000.00		4,000.00
Administration		8,000.00	8,000.00
Stock and Tools.....		957.13	957.13
	<u>\$30,213.10</u>	<u>\$22,817.83</u>	<u>\$53,030.93</u>
Items duplicated in charging cost of jobs.....			7,348.78
Net amount charged 1922.....			\$45,682.15

Sewer Construction, 1922

New Sewers	Bills	Labor	Total
Central Avenue.....	6.87	7.62	14.29
Clifton Street.....	143.52	204.50	348.11
Emerald Street.....	212.00	211.88	424.48
Fellsway.....	1,552.89	2,077.22	3,030.11
Forest Street.....	382.07	700.04	1,082.11
Greenleaf Avenue.....	61.90	126.06	187.96
Governors Avenue.....	452.25	706.89	1,219.14
Hurlcroft Avenue.....	685.98	919.10	1,605.08
Lawrence Road (Hall).....	1,319.80	2,230.59	3,550.39
Linwood Street.....	836.01	873.17	1,709.18
Myrtle Street.....	178.96	358.80	537.76
Rural Street.....	174.34	171.14	345.48
Sugamore Park.....	229.38	370.36	599.74
South Street Court.....	210.56	239.24	449.80
Surrey Street.....	308.49	274.08	583.17
Terrace Road.....	13.00	43.51	56.51
Tesla Avenue.....	661.93	998.00	1,660.02
Valley Street.....	365.02	738.65	1,103.67
Wedgemere Road.....	433.37	482.00	915.37
Wicklow Avenue.....	263.75	361.18	624.93
Windsor Road.....	658.32	1,080.84	1,745.16
Winthrop Court.....	86.22	153.92	240.14
Winthrop Street.....	560.28	792.91	1,353.19
Woodland Road.....	334.69	433.75	768.44
	\$10,132.00	\$14,622.23	\$24,754.23

Other Expenses

Sewer Connections.....	\$ 2,712.00	\$10,245.66	\$12,957.66
Engineers.....	1,161.06		1,161.06
Work done, to be collected for.....	150.33	136.10	292.43
Administration.....		7,282.10	7,282.10
Stock and Tools.....		623.66	623.66
	\$14,161.39	\$32,909.75	\$47,071.14
Items duplicated in charging cost to jobs.....			3,992.50
Net amount charged 1922.....			\$43,078.64

Sewer Maintenance, 1922

	Bills	Labor	Total
Sewer Connections stopped.....		\$144.71	\$144.71
Scraping and cleaning sewers.....	\$179.59	2,133.02	2,312.61
Sewers stopped and investigated.....		13.25	13.25
Manholes.....	20.03	25.74	45.77
Stock and tools.....	121.37	5.84	127.21
Care of shop and tools.....		6.91	6.91
Plugging up unused connection.....		1.25	1.25
	\$320.99	\$2,330.72	\$2,651.71
Stock used from other funds.....			26.98
Net amount paid, 1922.....			\$2,624.73

Brooks and Streams, 1922

General Account	Bills	Labor	Total
Care and inspection.....	\$61.00	\$106.87	\$167.87
Gravelly Creek			
Cleaning		129.90	129.90
Whitmore Brook			
Cleaning		99.08	99.08
Winter Brook			
Cleaning		2.38	2.38
Net amount paid 1922.....	\$61.00	\$338.83	\$399.83

Respectfully submitted,

JOHN D. DWYER,

ROBERT E. FERGUSON,

JOHN J. IRWIN,

Water and Sewer Commissioners, City of Medford.

Amendments to Revised Ordinances

AMENDMENT TO REVISED ORDINANCES

CHAPTER XII

ENTITLED

"POLICE DEPARTMENT"

BE IT ORDAINED BY THE BOARD OF ALDERMEN

OF THE

CITY OF MEDFORD

Section 1 of Chapter XII of the Revised Ordinances of the City of Medford entitled "Police Department" be and hereby is amended by striking out the sentence in the fourth line of said section reading "The Chief of Police and other members of the force shall be appointed by the Mayor under the provisions of law subject to confirmation or rejection by the Board of Aldermen" and inserting in place thereof the sentence "The Mayor under the provisions of law shall appoint the Chief of Police and the Chief of Police shall make all other appointments and promotions of members of the Police Department.

Said Chapter XII of the Revised Ordinances of the City of Medford entitled "Police Department" be and hereby is further amended by the addition thereto of a new section at the end of said chapter, as follows:

"All appointments to, and promotions in the Police De-

partment shall be subject to confirmation or rejection by the Board of Aldermen."

In Board of Aldermen

February 7, 1922.

Passed to be Ordained

Ordained

HARVEY C. VOORHEES, President.

Presented to the Mayor for approval February 8, 1922

Vetoed February 9, 1922

In Board of Aldermen February 21, 1922. Passed the Mayor's veto to the contrary notwithstanding.

Attest:

CHARLES A. WINSLOW, City Clerk.

AMENDMENT TO REVISED ORDINANCES

CHAPTER XIX

ENTITLED

"FIRE DEPARTMENT"

BE IT ORDAINED BY THE BOARD OF ALDERMEN

OF THE

CITY OF MEDFORD

Section 1, of Chapter XIX of the Revised Ordinances of the City of Medford entitled "Fire Department" be and hereby is amended by striking out the sentence "The Mayor shall make such appointments and promotions subject to confirmation or rejection by the Board of Aldermen," and inserting in place thereof the sentence "The Mayor shall appoint a Chief Engineer and the Chief Engineer shall make all other appointments and promotions."

Said Chapter XIX of the Revised Ordinances of the City of Medford entitled "Fire Department" be and hereby is further amended by the addition thereto of a new section at the end of said chapter, as follows:

"All appointments to, and promotions in the Fire Department shall be subject to confirmation or rejection by the

Board of Aldermen."

In Board of Aldermen

February 7, 1922.

Passed to be Ordained

Ordained HARVEY C. VOORHEES, President.

Presented to the Mayor for approval February 8, 1922

Vetoed February 9, 1922

In Board of Aldermen February 21, 1922. Passed the Mayor's veto to the contrary notwithstanding.

Attest: CHARLES A. WINSLOW, City Clerk.

AMENDMENT TO REVISED ORDINANCES

CHAPTER XLV

ENTITLED

"CITY AUTOMOBILES"

BE IT ORDAINED BY THE BOARD OF ALDERMEN
OF THE

CITY OF MEDFORD

The Revised Ordinances of the City of Medford be and hereby are amended by the addition thereto of the following new chapter, entitled Chapter XLV "City Automobiles":

Section 1. All automobiles owned by the city shall be registered in its name and shall bear on the front doors of each side the words "City of Medford." said words to be composed of letters in gilt of one and one-half inch dimensions.

Section 2. The said words, "City of Medford," shall at no time be covered or concealed from sight.

Section 3. It shall be the duty of the head of each department, commission, or other municipal board, or the executive official thereof to see that city automobiles under his control are marked as provided herein.

Section 4. Any person violating this ordinance shall be punished by a fine of not more than twenty (\$20) dollars for each offence.

In Board of Aldermen
Passed to be Ordained

February 7, 1922.

Ordained HARVEY C. VOORHEES, President.

Presented to the Mayor for approval February 8, 1922

Returned February 17, 1922, without approval or veto, hence
it becomes operative.

Attest: CHARLES A. WINSLOW, City Clerk.

AMENDMENT TO REVISED ORDINANCES

CHAPTER XLV

ENTITLED

"TRAFFIC RULES OF THE CITY OF MEDFORD"

BE IT ORDAINED BY THE BOARD OF ALDERMEN

OF THE

CITY OF MEDFORD

Section 41 of Chapter XLV of the Revised Ordinances of the City of Medford entitled "Traffic Rules of the City of Medford" be the same hereby is amended by striking out the seventh paragraph, reading "Northerly side of High Street to one hundred (100) feet westerly from junction of

Forest Street and High Street," and inserting in place thereof the following new paragraph: "Northerly side of High Street from Forest Street westerly to Bradlee Road."

In Board of Aldermen
Passed to be Ordained

July 25, 1922.

HARVEY C. VOORHEES, President.

Approved, August 23, 1922

BENJAMIN F. HAINES, Mayor.

Attest:

CHARLES A. WINSLOW, City Clerk.

AMENDMENT TO REVISED ORDINANCES

CHAPTER IV

ENTITLED

"SALARIES"

BE IT ORDAINED BY THE BOARD OF ALDERMEN

OF THE

CITY OF MEDFORD

Section 1 of Chapter IV of the Revised Ordinances of the City of Medford entitled "Salaries" be and the same hereby is amended by striking out in the seventeenth paragraph of said section after the words "Agent of State and Military Aid and Soldiers' Relief, three hundred dollars," the words "for the duration of the present war with Germany and during a period of one year thereafter," so that said paragraph will read as follows:

"Agent of State and Military Aid and Soldiers' Relief, three hundred dollars."

In Board of Aldermen
Passed to be Ordained

December 19, 1922.

EDWARD H. LARKIN, Acting President.
Approved HARVEY C. VOORHEES, Acting Mayor.
Attest: CHARLES A. WINSLOW, City Clerk.

AMENDMENT TO REVISED ORDINANCES

CHAPTER IV

ENTITLED

"SALARIES"

BE IT ORDAINED BY THE BOARD OF ALDERMEN
OF THE
CITY OF MEDFORD

Section 1 of Chapter IV of the Revised Ordinances of the City of Medford, entitled "Salaries," as amended in the year 1920, be and the same hereby is further amended by striking out in paragraph twenty of said section, after the words "Registrars of Voters, each," the words "three hundred and fifty dollars," and substituting in place thereof the words "one hundred and seventy-five dollars" so that said paragraph of said section shall read as follows:

"Registrars of Voters, each, one hundred and seventy-five dollars."

In Board of Aldermen

December 26, 1922.

EDWARD H. LARKIN, Acting President.

Approved December 27, 1922

HARVEY C. VOORHEES, Acting Mayor.
Attest: CHARLES A. WINSLOW, City Clerk.

Government of the City of Medford

MAYOR

Hon. BENJAMIN F. HAINES, 52 Central Avenue
Term expires first Monday in January, 1923

MAYOR'S CLERK

ELSIE MacKENZIE, 41 Washington Street

BOARD OF ALDERMEN

President, HARVEY C. VOORHEES

J. Emanuel Berg	Ward 1 105 Sheridan Ave.
Dennis F. Dwyer	Ward 1 228 Spring St.
Cornelius B. Harrington	Ward 1 58 Cherry St.
Edward H. Larkin	Ward 2 209 Grant Ave.
Archie A. Ashley	Ward 2 50 Hillsboro Rd.
William F. Wiltshire	Ward 2 112 Dudley St.
Kenneth C. Kimball	Ward 3 132 Woburn St.
Henry P. Van De Bogert, Jr.	Ward 3 60 Woburn St.
Arthur L. Youngman	Ward 3 21 Butler St.
Harry M. MacNear	Ward 4 28 Orchard St.
Percy W. Richardson	Ward 4 13 Florence St.
Michael J. Rowan	Ward 4 96 South St.
Edward G. Daly	Ward 5 20 Bowdoin St.
William A. DeWolfe	Ward 5 85 Medford St.
George W. Taintor	Ward 5 15 William St.
Lewis H. Peters	Ward 6 32 Warren St.
Harvey C. Voorhees	Ward 6 293 Boston Ave.
Joseph W. Wellington	Ward 6 64 Harvard Ave.
Frederic R. Wood	Ward 7 28 Fourth St.
Charles A. Callahan	Ward 7 87 Third St.
James F. Donovan	Ward 7 34 Wellington Rd.

Clerk

Charles A. Winslow, 37 Royal Street

Clerk of Committees

Charles T. Daly, 55 Summit Road

City Messenger

Philip S. Hogan, 33 Manning Street

CITY OFFICERS AND BOARDS

City Clerk.....Charles A. Winslow
 City Treasurer.....Edward A. Badger
 City Collector.....Edward W. Hayes
 City Auditor.....Arthur E. Crowley
 City Solicitor.....Guy E. Healey
 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
 Building Commissioner.....Frank B. Blodgett
 Superintendent of Wires and Gas Fitting, Henry A. Gaffney
 Sealer of Weights and Measures.....Winslow Joyce
 Inspector of Animals.....Harrie W. Peirce
 Forest Warden.....Thomas A. Qualey

School Committee

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

Members at Large

George A. Moore.....	Term expires 1924
George S. Miller.....	" " 1925
Edward W. Barrett.....	" " 1923

Members from Wards

Ward 1. Henry A. Cobb.....	Term expires	1925
Ward 2. Christopher W. Conway.....	" "	1922
Ward 3. Alta H. Nevons.....	" "	1924
Ward 4. Clara T. Guild.....	" "	1924
Ward 5. James Learmouth.....	" "	1923
Ward 6. Joseph W. Phelan, Chairman...	" "	1922
Ward 7. Joseph C. Smith.....	" "	1923

Superintendent of Schools

Maro S. Brooks

Office—High School, Forest Street

Board of Assessors

Edward S. Randall, Chairman.....	Term expires	1923
Waldo S. Plastridge.....	" "	1922
John A. Ricker.....	" "	1921

Board of Health

Alfred J. Hawks, Chairman.....	Term expires	1920
Frank E. Dyer.....	" "	1924
Walter T. Burke.....	" "	1922

Alvin R. Reed, Clerk

Overseers of the Poor

John J. FitzGerald, Chairman.....	Term expires	1925
George J. Hackett.....	" "	1924
Reuben M. Pitman.....	" "	1923

Park Commissioners

Wilton B. Fay, Chairman.....	Term expires	1923
Thomas D. Collins.....	" "	1921
Herman L. Buss.....	" "	1922
Irwin O. Wright.....	" "	1924
Arthur W. Crockford.....	" "	1925

Alvin R. Reed, Clerk

Commissioners of Sinking Funds

Lewis H. Lovering, Chairman.....	Term expires	1923
William Cushing Wait.....	" "	1924
Walter F. Cushing.....	" "	1924
Charles H. Barnes.....	" "	1923
Everard I. Langell, Treasurer.....	" "	1922
Williard Dalrymple, Secretary.....	" "	1922

Water and Sewer Commissioners

John D. Dwyer.....	Term expires	1923
Robert E. Ferguson.....	" "	1922
John J. Irwin.....	" "	1924

Fred L. Cushing, Water Registrar

Henry F. Hughes, Superintendent

Trustees of Cemeteries

Ellery A. Armstrong, Chairman.....	Term expires	1921
Walter J. Ballou.....	" "	1923
Selah H. Thurber.....	" "	1922

Trustees of Public Library

Ernest B. Moore, Chairman.....	Term expires	1923
Edward M. Barney.....	" "	1922
Allan A. Clafin.....	" "	1921

Registrars of Voters

John J. Conway, Chairman.....Term expires April 1, 1924
John J. Fitzpatrick....." " April 1, 1923
George F. Cotting....." " April 1, 1922
Charles A. Winslow, City Clerk, ex-officio

Police Department

John F. Welch, Chief

Fire Department

Thomas A. Qualey, Chief

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SCHOOL DEPARTMENT

ANNUAL REPORT

1922



MEDFORD, MASSACHUSETTS

Report of School Department

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SCHOOL COMMITTEE FOR 1922

Membership

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

At Large

	Term expires
Edward W. Barrett, M. D., 104 Salem Street.....	1922
George A. Moore, 545 Riverside Avenue.....	1924
George S. Miller, 128 North Street.....	1924

From Wards

1. Henry A. Cobb, 53 Otis Street.....1924
2. Christopher W. Conway, 34 Court Street.....1924
3. Alta H. Nevons (Mrs.), 59 Woburn Street.....1922
4. Clara T. Guild (Mrs.), 31 College Avenue.....1924
5. James Learmonth, 74 Wareham Street.....1922
6. Joseph W. Phelan, 60 Brooks St., West Medford....1924
7. Joseph C. Smith, 235 Main Street.....1922

Organization of Committee

Joseph W. Phelan, Chairman. Joseph C. Smith, Secretary.

Standing Committees

Budget The whole committee; Smith, Chairman.

Finance: Phelan, Smith Barrett.

Teachers: Guild, Phelan, Smith.

Text Books and Supplies: Moore, Miller, Nevons.

Instruction and Courses of Study: Barrett, Guild, Cobb.

Buildings: Conway, Moore, Learmonth.

The Superintendent is secretary to all Standing Committees.

Meetings of Committee

Regular meetings of the School Committee 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 7.30 o'clock p. m.

Superintendent of Schools

Maro S. Brooks.....69 College Avenue

Superintendent's Clerks

Annie I. Letson.....8 Sherman Court

Adele Chamberlain.....58 Lambert St.

Louise C. Anderson.....168 Spring St.

Office—High School, Forest Street.

Office Hours 8 A. M. to 5 P. M., every school day and 8 to 12 on Saturdays.

Office Telephones—Mystic 34, Mystic 550.

SCHOOL CALENDAR FOR 1923

Winter Term

Begins January 2 and closes April 13.

(Vacation during week of Feb. 19).

Spring Term

Begins April 23 and closes June 22.

Fall Term

Begins Sept 5 and closes Dec. 21.

Holidays

Every Saturday; October 12; from Wednesday noon, November 28, to the end of the week; May 30; June 17.

REPORT OF SCHOOL COMMITTEE

December, 1922.

To His Honor Richard B. Coolidge, Mayor.

Sir:

The School Committee herewith submits its annual report.

No new permanent accommodations have been added during the past year. The newly elected Schoolhouse Building Commission which now has authority over school construction, has been able to start the building of the Lincoln Junior High, which is well along toward completion.

Further, while it probably belongs to the Schoolhouse Building Commission's report, we are glad to state that a new heating plant has been installed in the Centre School. The necessity of this has often been urged in these reports, and it is hoped that this is the last time mention of the subject will occur.

The Commission has also acted upon the suggestion of the School Committee concerning the taking of land at various places in the city, and their progress will probably be reported.

Regarding the actual operation of our schools, two items stand out prominently: the large increase in double sessions, and the abolishing of the semi-annual promotion.

The double session has been in operation several times, but this year it was necessary to employ it extensively. It is expected, of course, that when more schools are constructed, we shall go back to one session. Nevertheless, it is desirable, due to the increasing cost of education, to make observation on this forced experiment and see if double session is really bad.

Semi-annual admission and semi-annual promotion have been in force in the schools eight years. They surely have not produced the results which were advocated for them, although arguments in favor are still apparently sound. One which seemed particularly attractive to the committee was that money could be saved by moving the pupils along more rapidly, and in case of non-promotion, the child would not lose a whole year. However, semi-annual admission and promotion did not appear workable in our system and it is believed that the committee has made no mistake in giving them up.

The subject of medical inspection in our schools has occupied much attention during the year, and we can report that the entire department is under the School Committee.

Several innovations have been made during the year which give considerable promise—work in manual training in the High School; extension of the Evening School, even to starting another outside the High School, and some work has been done in vocational training.

JOSEPH W. PHELAN,
JOSEPH C. SMITH,
EDWARD W. BARRETT,
GEORGE A. MOORE,
GEORGE S. MILLER,
HENRY A. COBB,
CHRISTOPHER W. CONWAY,
ALTA H. NEVONS,
CLARA T. GUILD,
JAMES LEARMONTH.

SUPERINTENDENT'S REPORT

To the School Committee of Medford:

I submit herewith my second annual report, the thirtieth in the series of reports presented by superintendents since the incorporation of Medford as a city.

Changes in Organization

The following important changes in the supervising staff occurred at the beginning of the year:

Mrs. Newell, for three years supervisor of upper grades, returned to the principalship of the Osgood School, where she received a warm welcome from parents, teachers, and pupils.

Mr. Weston, principal of the Swan Junior High School, assumed charge of the Centre School also, relieving Mr. Hooper who during the previous year had been principal of both the Centre and Brooks schools. Mr. Hooper now divides his time between the duties of principal and superintendent's assistant. While his special responsibility is for grades four to six, he inspects all grades from the first through the Junior High School and reports his findings to the principals and to the superintendent. He is rendering valuable service also in working out the change back to the annual promotion plan, in organizing a new course of study for the elementary grades, and in interpreting to the superintendent the needs of the schools as they are felt by the teaching staff.

For ten years Miss Grady had been part-time supervisor of primary grades, giving two days per week to Melrose and three to Medford. To attempt to cover in three days per week the work of super-teacher for eighty-six widely scattered teachers, many of whom were new to Medford, if not actual beginners, was so manifestly a waste of

time, money, and energy that your Committee decided to employ Miss Grady on full time. The improvement in results obtained is already apparent.

Miss Katherine Collett, a graduate of the Boston School of Physical Education and a teacher of successful experience, was appointed supervisor of physical education for girls in place of Miss Chellis, resigned.

Schoolhouse Building Commission

By far the most momentous school event in Medford for many years has been the appointment of the Schoolhouse Building Commission. It is fast becoming recognized the country over that all matters pertaining to schools, including the construction and remodeling of buildings, should be in the hands of the School Committee. Knowing this tendency and believing in its soundness, it was with some anxiety that I awaited the selection of a commission with which neither the School Committee nor the Superintendent was to have any legal connection.

It was evident that the policy adopted by the Commission would be crucial so far as the future development of the schools was concerned. Would the policy be reactionary and of the "three-R's-only" type or would it be forward-looking and inspiring? The question has been answered in a most satisfactory manner. The Commission's aim has proved to be conservatively progressive.

I cannot express too emphatically my appreciation of the courteous attitude of the Commission in inviting the Superintendent, as the executive officer of the School Committee, to attend its meetings and to set forth freely his problems, his opinions, and his ideals. I desire to express even more earnestly my appreciation of the Commission's sympathetic interest in education, its singleness of purpose to be of service to the children of Medford, and its sound methods of procedure.

Instead of finding myself hampered in any way by the Commission, I feel that I have the support of another strong group of people in addition to your Committee.

Building Survey

In my report of last year I presented a brief statement as to the condition of every school building, the grades in each building, and the immediate, and almost universal, need of greatly increased housing accommodations. Further acquaintance with the city has revealed many conditions and needs not apparent to me a year ago. May I enumerate a few of the many problems to be solved:

1. Where should the boundary lines of the three junior high districts be drawn?
2. What is the best use for the Centre School for next year and what plans should be made for its ultimate use?
3. In what order should the construction of new buildings or additions to old buildings proceed?
4. What buildings, if any, now used to house primary schools should be occupied by grammar schools and vice versa?
5. Should certain buildings be enlarged or should new buildings be erected in other fast-growing sections?
6. What small schools, if any, may be eliminated to advantage?
7. Should certain lots of land now available be purchased at once to provide for playgrounds, or for future growth, or both?
8. Shall the rapid increase in the number of high school pupils be taken care of by enlarging the present structure, by erecting a school for practical arts, vocational, or other type of work on the high school grounds or elsewhere, by using the Centre School as an annex, or by continuing the present makeshift plan of an afternoon session?

These and similar questions suggest one more, which admits of but one answer: Shall we proceed with our building program by continuing to follow a series of careful "guesses," one guess at a time, or shall we have a scientific building and school population survey? To proceed intelligently, the survey is absolutely essential. I recommend that it be made by an outside agency for two reasons: First, that it may reflect an unprejudiced point of view, and second, that it may be made by experts. The making of a survey of this kind calls for technical skill of the highest order. Furthermore, no member of your present staff has at his disposal the time required for so extensive a study.

This survey should be concerned not only with plans for housing the school children of Medford, but also for affording them proper recreation. A building survey that did not recognize modern ideas regarding school playgrounds would be woefully incomplete. The physical and civic health of the girls and boys of Medford, as well as their mental development, should be considered.

School Costs

Our rapidly mounting school budget presents a serious problem. Careful study of the situation will reveal the two main causes of this increase: (a) the rapid growth of school population and (b) the decrease in the purchasing power of the dollar.

(a) The property valuation has not kept pace with the greatly increased numbers of children to be provided for in the schools. Each child entering the school system means additional expenditure for books and supplies, and when a sufficient number enter, there is an increase in the number of rooms and teachers needed and in overhead expense.

(b) The salaries of teachers and janitors, the price of fuel, textbooks, and supplies, the cost of labor and materials

involved in making repairs are all far higher than in pre-war times. This means that the school budget for 1913 would be entirely inadequate provided there were still 4,868 children in our schools, instead of 7,175, the present number. The change from the 8-grade, to the departmental, plan with a choice of electives and with a maximum salary of a hundred dollars more than that paid to teachers of the first six grades, has been to only a slight degree responsible for the increased expenditure for schools. But except for this change to the junior high plan, no new educational features have been introduced.

The increase is almost wholly due to the greater number of children to be educated and to the depreciation of the dollar.

Teachers' Salaries

Our salary schedule as a whole is not higher than that of other Massachusetts cities of the size of Medford. In fact, many candidates teaching in smaller places, decline positions here when they learn that they are already receiving as much, if not more, than we can offer. The only teachers who are attracted to Medford for financial reasons come from states where the salaries are lower than in Massachusetts, although the greater cost of living here frequently more than offsets the difference in salary.

Most of the Massachusetts teachers who come to us are either teachers of little experience or students of education who are eager to take advantage of the opportunities for study offered them in Greater Boston. The fact that Medford is an uncongested, residential, and friendly city with a professionally minded, congenial teaching corps in no way affected by the political or other harmful influences that exist in many cities, is an important factor in retaining teachers in our service.

In spite of these attractions, it must be admitted that the question of salary is paramount. To propose the raising of the maximum salary for women teachers would undoubtedly be inopportune, but the value of such action could hardly be overestimated. It would enable us to fill vacancies with stronger teachers and retain those whom we are otherwise bound to lose. Those who will remain without such increase would be inspirited and encouraged to improve themselves in many ways now denied to them.

Teachers

My experience with the teachers of Medford during the past year has fully borne out my first impression recorded in last year's report. I have never come in contact with a more co-operative group of people engaged in any line of work. Teachers coming here from other places, either to visit or to join forces with us, notice at once the splendid spirit and rarely fail to comment upon it.

As evidence of the general desire on the part of our teachers to become more efficient, I should like to cite our successful effort to form a class for extension work. It was thought that a sufficient number of teachers might wish to unite with the teachers of some neighboring city in the formation of a class in the teaching of English in the grades. It was announced that the course would be given here and for Medford teachers only if twenty cared to take it. Sixty-five teachers responded voluntarily, and a most helpful course is being given at the teachers' own expense by Professor John J. Mahoney, extension professor at Boston University and Harvard.

We have few teachers who are not studying in nearby schools, most of them for degrees and all of them for the purpose of doing better the important work in which they are engaged.

My one regret is that so many teachers find it necessary or more convenient to live outside of Medford. It is a temptation, when desirable teachers whose homes are in Medford are not available, to favor candidates from so great a distance that they cannot live at home and travel back and forth daily. "Suit-case" teachers, as some one has styled those who always hurry away for week-ends, are more desirable than "commuters," but every city needs and appreciates teachers who "settle down" for the school-year and become identified with the churches and with the other social interests of the community.

I believe that, as a rule, residents of Medford should *begin* their teaching elsewhere, not only that they may not be handicapped by family, or personal, relations, but especially that they may have the broadening experience of working in a school system other than the one in which they themselves were taught. Insistence upon this experience prevents the adoption of a breeding-in-and-in policy, a serious detriment to any school system.

Annual Promotions

When your Committee approved the return to the plan of annual promotions recommended in last year's report, it was with the understanding that the February classes would be allowed two years in which to do the work of two years and one-half. By the rapid advancement of a considerable number of pupils who attended the vacation school of last summer and by the devotion of a large proportion of the time since the beginning of the school-year to the fundamental subjects, a number of these classes have disappeared already. Pupils who need help or more time in order to complete the work will be urged to attend vacation school next summer. Judging by present indications, there will be but few "S," or Speed, classes next September.

Size of Classes

Because of the large number of small "Speed" groups, composed of children who are trying to overtake the grade one-half year ahead of them, the teaching staff of the elementary schools is somewhat larger this year than it would otherwise be.

No children will enter the first grade in February. Consequently, for the first time in many years it will not be necessary to engage new teachers at that time. Next September, however, we shall have an unusually large entering class. In order to take care of these pupils and at the same time economize on salaries, it will be advisable to raise the average number of pupils per teacher in all schools. While we shall probably need as many elementary teachers as we have now, we hope not to be obliged to add to the present number, whatever the increase in the number of pupils may prove to be.

From the figures now obtainable, it would appear that all the teachers working at present in the high school in grades nine to twelve will be needed for grades ten to twelve after the ninth grade is removed. This being the case, at least ten additional teachers will be needed to provide for the pupils of the ninth grades wherever they may be located.

Double Sessions

As a consequence of the unusually large number of children entering the first grade, thirteen rooms of the elementary schools are organized on a two-shift basis. Twenty-six primary classes have a four-hour day, two hours in the morning and two in the afternoon. One group begins its sessions at 8.30 A. M. and 12.30 P. M. and the other group at 10.30 A. M. and 2.30 P. M., the groups exchanging hours at the beginning of each calendar month. The schools, rooms, and classes working on this double-shift schedule are as follows:

Schools	Rooms	Classes
Everett	2	4
Fulton Heights	3	6
Hancock	1	2
Hillside	2	4
James	2	4
Tufts	3	6
	—	—
Total	13	26

There are three obvious objections to this plan:

1. Confusion arising from using the same desks by two different groups in rooms not provided with lockers for the books and material of each class.

2. Inconvenience to the homes on account of irregular hours.

3. Late hour of afternoon dismissal (4.30), requiring the use of artificial light in the school-room during the winter months and obliging young children in many cases to walk a considerable distance after dark. This is by far the most serious objection.

While this platoon scheme is a cause of inconvenience in the homes, it is certainly better from every point of view for children in the primary grades to divide their day than to have one unbroken four-hour session even in the morning.

So far as educational results are concerned, no alarm need be felt because of the shortened school-day. Children of the lowest grades cannot be kept at WORK even four hours a day. They are taught in small groups and the teacher's hardest problem is to keep them "busy" while she is not actually instructing them. The consensus of opinion on the part of our primary teachers is in favor of four hours instead of five. This opinion coincides with that of many educational authorities, some of whom even prefer three hours to four.

With the opening of the new Lincoln building and with the merging of most of the February and September groups in the various grades, the number of classes on irregular hours will be fewer. No appreciable relief from this condition can be obtained at Fulton Heights until the present building is enlarged or a new building erected.

At the High School the three upper classes have had a morning session of four hours and a half and the first-year (ninth grade) class has had a session of a little less than four hours in the afternoon.

For High School pupils, I consider the shortened day a distinct loss. The tendency is toward a longer day for senior, and junior, high schools, affording more time for supervised study and requiring less home study.

Headmaster Kadesch reports that from present indications most of the pupils of grade ten, or sophomore class, will be obliged to have an afternoon session next year. This condition will continue to obtain until the construction of the Brooks Junior High School renders the Centre School available as an annex to the High School or until the High School building is still further enlarged.

Junior High Schools

The assurance from the Building Commission that the Lincoln Junior High School in South Medford will be ready for occupancy next September is most welcome. Without this relief of congested conditions, the problem of housing the pupils of the intermediate grades, even with double sessions, would be well-nigh insoluble.

The new Lincoln Junior High will draw its pupils from the following sources: High School IX, Centre VIII, Dame VII and VIII, and Lincoln VII and VIII.

It will be seen that no relief comes to the Swan or Brooks districts. The Swan Junior High School will still be

unable to house its entire ninth grade, and the pupils of grades seven, eight, and nine who should attend the Brooks Junior High School, must remain distributed among the Brooks, Centre, and Dame Schools.

The following diagrams show the present location of junior high classes, the probable assignment for next year, and the ultimate arrangement when the three junior high schools are completed:

School	Grade VII	Grade VIII	Grade IX
1922-'23			
Brooks	_____	_____	
Centre		_____	
Dame	_____	_____	
High			_____*
Lincoln	_____	_____	
Osgood	_____		
Swan	_____	_____	_____†

1923-'24			
Brooks	_____	_____	
Centre			_____
Dame	_____	_____	
High			
Lincoln	_____	_____	_____
Osgood	_____		
Swan	_____	_____	_____

* Pupils of academic course only.

† Pupils of commercial and practical art courses only.

Contemplated Plan			
Brooks	_____	_____	_____
Centre			
Dame			
High			
Lincoln	_____	_____	_____
Osgood			
Swan	_____	_____	_____

Program of Studies

For the past two years, committees representing the teaching staff have been at work on courses in the various subjects taught in our schools. After consultation with the principals, the Baltimore County Course of Study was adopted as a basis for the preparation of a program of studies. This course offers in convenient form a wealth of source material and also information as to where still other material may be readily found. If properly used, it will still prove of value after a Medford course has been evolved.

Your Committee purchased eighty-five copies of the Baltimore Course for distribution in the schools. One needs no better evidence of the eagerness of the teachers to have a definite guide for their work than the fact that eighty of them have procured copies of their own.

Health

By decision of the City Solicitor, the responsibility for the health work in our schools passed from the Board of Health to the School Committee. Miss Walther, the nurse, remained with the Board, and Mrs. Anne D. Gilson was appointed by the School Committee to take her place.

Mrs. Gilson is a mature woman of untiring energy, with adequate experience in dealing with children through her connection with the Boston Dispensary and the Cambridge City Hospital. Her appointment has proved to be satisfactory to all concerned.

Miss Wiltshire, our able dental hygienist, has continued her work with the schools. Although on the school payroll, she works nominally under the Board of Health to conform to the law which gives to that Board alone the right to maintain a clinic. Examination of teeth and follow-up work may be done legally under the direction of the School Committee, but the definition of a dental clinic includes

cleaning teeth, a work of great value that is being done by Miss Wiltshire with the portable equipment furnished by the Health Department.

Doctor Charles W. McPherson has kindly consented to give his services as adviser to the hygienist.

In order that there may be no question as to the legality of our procedure, I recommend that the Board of Health be requested to employ the dental hygienist and assign her to work in the schools.

I desire to recommend again the appointment of a second school nurse. Only by utter disregard for working hours are Mrs. Gilson and Miss Wiltshire able to attend to the most necessary phases of their work. Another nurse is needed to assist in the all-important task of home visiting. I make this recommendation with the approval of Doctor Barrett, the school physician.

I should like to see the Schick test introduced and the children who show susceptibility to diphtheria immunized, subject to the consent of their parents. No effort is too costly when the health, and even the lives, of children are at stake.

The following is a summary of the regular work done by Mrs. Gilson, the School Nurse, from September to December inclusive:

Visits to schools	151
Visits to homes.....	97
Visits to clinics	11
Assisting with medical inspections	5674
Assisting with mental inspections.....	17
Number of pupils excluded:	
Impetigo	117
Pediculosis	46
Scabies	4
Symptoms of contagion	7
Suspicious throat	5

Tonsil and adenoid operation advised.....	121
Appointments for operation made.....	16
Glasses advised	7
Dressings applied	6
Pupils taken to clinics.....	41
Conferences with social agencies.....	6

Three rooms at the James School were fumigated. Desks and scissors were scrubbed, pegs, pencils, and papers destroyed, and daily temperatures taken following an outbreak of scarlet fever.

Daily temperatures were taken at the Fulton Heights School following an outbreak of measles.

The following is a summary of the regular work done by Miss Wiltshire, the Dental Hygienist, from September to December inclusive:

Total number of pupils examined.....	4131
Number of decayed teeth	2895
Number whose teeth have been cleaned at Forsyth Infirmary	300
Number whose teeth have been cleaned by Dental Hygienist	450
Number taken to Forsyth for general dental work....	350
Total number of appointments at Forsyth for general dental work	1050

Evening School

The Evening School, located at the High School and carried on under the direction of Mr. Kendall, is having a prosperous year.

In addition to the usual academic subjects and English for foreign-born, vocational work is offered for the first time. Two classes for women have been organized, under the state-aid plan of the department of vocational educa-

tion—cookery, taught by Mrs. McCrillis, and dressmaking, taught by Mrs. Guptill. The teachers of both classes are highly competent, the interest of the students is keen, and the attendance is correspondingly good.

Through the efforts of Miss Nellie Baker three classes in English for foreign-born have just been formed at the James School. All indications point to the successful carrying out of this project.

I recommend that the Committee ask for an appropriation for the continuation of this work at the James and for its extension to the Lincoln School next year.

Summer School

Mr. Hooper again had charge of the summer session. This year an opportunity was offered for pupils who had failed in their work to make up their deficiencies and for members of February classes to do enough work in the major subjects to enable them to enter the September classes. Two hundred ninety-seven were enrolled and two hundred fifty-six remained through the entire session of six weeks. Two hundred twenty-five were promoted to the grade above.

The teaching corps was unusually strong. It included some of the most valued members of our own staff and several excellent teachers from other places. Among the latter I should like to mention Maude F. Patten, Hackensack, New Jersey; M. Gertrude Doherty, Concord, New Hampshire, and Florence R. Doherty, Danvers, Massachusetts.

Parent-Teachers' Associations

Two of these associations have been organized during the past year. Their aims, as expressed by words and deeds, are to support the administration of the schools and to supplement its work. They are the Franklin-Washington Club and the Fulton Heights Community Club. Each of

these has been very active and has thus far amply fulfilled the purpose for which it was organized.

It is my hope that other organizations of this kind may come into being, as the need arises, and do as efficient work.

In Conclusion

The hearty co-operation that was offered me during the first months after my arrival in Medford has continued with ever-increasing force. The list of agencies to whom I am indebted is too long to be recorded here; but to my associates in the office and in the schools, and to you who have given me so many proofs of your confidence and so much in the way of material help, I offer especial thanks.

Respectfully submitted,
MARO S. BROOKS,
Superintendent of Schools.

REPORT OF HEADMASTER OF THE HIGH SCHOOL

To the Superintendent of Schools:

At your request, I am submitting a brief report of work at the High School, containing, because of limited space, only the more salient features of the progress that the school has made in the past year.

The routine work has been carried on successfully in spite of the handicaps imposed by the overcrowded condition of the school. Last February, the incoming first-year class swelled the total enrollment to 1,245 pupils. In order to accommodate them in a single session, the cloak room on the second floor, the loom room, the School Committee room, the library, the domestic science dining-room, and the assembly hall were utilized for recitation purposes, for the school can normally accommodate but 1,175 pupils.

In June, 1,365 programs were made out for pupils registered to enter in September. It was impossible to accommodate this number in a single session when the seating capacity of the school is but 1,175 as has been noted: so the double session had to be resorted to.

Estimates from the latest figures available indicate that there will be an enrollment of 1,402 pupils in the three upper classes in the High School in September, 1923, which will mean afternoon session not only for members of grade nine, but for part of the pupils in one of the upper classes as well. The completion of the Lincoln Junior High School will in no way help to alleviate this congestion, for the estimated enrollment of 1,402 pupils does not include a single ninth grade pupil. An addition to the High School is absolutely necessary now; the overcrowded condition in the graded schools indicates that the future yearly enrollment in the High School will be much greater in the next few years. It is needless to say that no extension in the curriculum of the High School is possible until a building program is inaugurated.

The present manual training room with its new equipment will take care of but 120 pupils scheduled for two double periods per week in a single six-period session. The cooking-room, crowded to capacity at present, will accommodate but 108 per week and the sewing-room a like number under the same program. There should be two manual training, two cooking, and two sewing rooms so that classes might be conducted simultaneously, and double the number of pupils accommodated in these departments. No rooms in the High School can be requisitioned for that work now without diminishing the pupil capacity of the school; for instance, if the present typewriting room in the basement were taken for the other manual training room for which it was really intended, the seating capacity of the school would be diminished by 90, for two recitation rooms would

have to be converted into typewriting rooms. The same conditions hold true for the adjustment in the cooking and sewing rooms. An addition to the present building would relieve the congested condition of the school and at the same time permit the imperative extension of the curriculum.

In spite of the drawbacks entailed by the abnormal conditions due to congestion and double session, progress was made in certain directions which I shall briefly indicate.

Semi-annual promotions were abolished and the adjustment of Prime classes made on the following basis:

The College preparatory course pupils were dropped back a half-year in classification only, but are receiving a half-year of additional training provided by advanced work in their continuous subjects. Pupils in the non-college divisions, who passed creditably in every subject and who elected to do so, were given additional intensive work in their subjects, plus one additional course with the September group, so that they will be promoted one-half year ahead of their class. One hundred and twenty pupils were thus affected.

Pupils who failed in one or more subjects were automatically dropped back a half-year as unqualified to do rapid advance work. On this basis of rearrangement, every pupil in the High School next September, 1923, will be in the September classification, provided it has been possible to make similar adjustments in the Junior High Schools for pupils who will be promoted to the second year of the High School in September.

A number of changes were incorporated in the administrative functions of the school. The executive routine was reorganized so that all administration is centralized in the High School Office; this centralizing of control was applied also to the school discipline.

There was inaugurated, too, a new method of program making which saved the city the services of four teachers—about \$6,800 in salaries—and made possible the unrestricted assignment of pupils to classes.

An endeavor to raise the scholarship standards was made, with this noteworthy result: that all pupils taking College Entrance Board examinations passed in every subject, and 30% of the graduating class entered College by certificate. Out of the total enrollment of 1,245 for the year, there were only 38 pupils not promoted in June, 1922, and the single-subject failures amounted to less than 3%. I believe this to be an exceptional secondary-school record.

A wholesome spirit seems to pervade the school, as was evidenced by the success of the various school activities. I should like to note particularly the unqualified success of the High School "At Home," when the various activities performed to a capacity audience, and raised \$550 with which to send the school relay team to Philadelphia, a sum heretofore raised by private subscription. A Parent-Teachers' conference, which was attended by five hundred parents who were generous in their expression of interest in the work and appreciation of what the school is endeavoring to do was another gratifying feature of the year's work.

My year in Medford has been an unqualified pleasure. It is a privilege to work with a Superintendent who is so broad in vision and so able in administration; with a Board so ready with generous and efficient support; with a people so uniformly kind and courteous in all points of contact with the school.

I take this opportunity to thank them all.

Sincerely yours,

J. STEVENS KADESCH,
Head Master.

Appendix A
ANNUAL FINANCIAL EXHIBIT FOR 1922

I. Receipts

Balance		\$267.60
Original Appropriation		462,110.00
Supplementary Appropriations:		
Salaries	\$2,000.00	
Fuel	5,000.00	
Repairs	2,000.00	
General Expense	1,000.00	
Retarded Pupils	3,000.00	
Textbooks and Supplies ..	8,000.00	
Summer School	2,000.00	
	<hr/>	\$23,000.00
From the Following Sources:		
Tuition for State Wards...	\$4,483.65	
Tuition for City Wards...	687.78	
Americanization Reimburse-		
ment	139.87	
Non-resident Tuition	25.00	
Insurance	613.60	
Miscellaneous Credits	91.44	
Damage, Evening School		
Unrefunded Deposits.	461.22	
	<hr/>	\$6,502.56
		<hr/>
Total		\$491,880.16

II. Total Expenditures

Teachers, Superintendent, and		
Clerks	\$381,710.29	
Janitors, Engineer, and Truant		
Officer	28,975.98	
Medical Inspection	1,669.98	
	<hr/>	\$412,356.25

Books and Supplies	23,843.23
Fuel	22,182.64
Repairs	9,073.10
General Expenses (miscellaneous items not classified under the above heading)....	11,952.04
<hr/>	
Total Expenditures for Support of Regular Day Schools...	\$479,407.26
Evening Schools	2,870.02
Retarded Pupils	6,502.08
Summer School	1,927.50
Pension	600.00
<hr/>	
Total for Support of All Schools	\$491,306.86

III. Per Capita Cost for Regular Day Schools (All Grades).
 (Based on the average membership of the schools for the fiscal year, 6870.8).

Teaching (including school clerks).....	\$54.23
Administration (Superintendent, Clerks and Attendance Officer)	1.49
Janitors and Engineer.....	3.96
Secretary of School Committee.....	.09
Books	1.23
Supplies	2.24
Fuel	3.23
Repairs	1.32
Medical Inspection .....	.25
General Expense	1.73
<hr/>	
Total cost per pupil for day school purposes	\$69.77

IV. Cost for Elementary Schools

Teaching	\$267,075.73
Janitors and Engineer.....	20,691.08
Books	5,812.61
Supplies	10,837.75
Fuel	18,380.96
Repairs	6,806.26
General Expense	8,570.41

Total Cost for Elementary Schools..... \$338,174.80

V. Average Expenditure Per Pupil for Elementary Schools

(Based on the average membership of the school for the fiscal year, 5654.1.)

Teaching	\$47.23
Janitors and Engineer	3.66
Books	1.03
Supplies	1.92
Fuel	3.25
Repairs	1.20
General Expense	1.51

Total average Expenditure per pupil for elementary Schools \$59.80

VI. Cost for High School

Teaching.....	\$105,528.16
Janitors and Engineer.....	6,534.90
Books	2,644.82
Supplies	4,548.05
Fuel	3,801.68
Repairs	2,266.84
General Expense	3,381.63

Total cost for High School..... \$128,706.08

VII. Average Expenditure Per Pupil for High School

(Based on the average membership of the school for the fiscal year, 1216.7).

Teaching	\$86.73
Janitors and Engineer.....	5.37
Books	2.17
Supplies	3.74
Fuel	3.12
Repairs	1.87
General Expense	2.78

Total average expenditure per pupil for High School	\$105.78
--	----------

VIII. Summer School**Academic Department**

(Based on the average membership of the school, 265.3).

Teaching	\$6.02
Janitors .....	.36
Supplies .....	.12
Printing .....	.75

Total average expenditure per pupil for Summer School	\$7.25
--	--------

IX. Evening School

(Based on the average membership).

	Average Membership	Per Capita
High	127.	\$12.10
Elementary	17.	23.74
Americanization	31.4	16.57
Vocational	51.	6.13

APPENDIX B

TABLE I.—Number of Pupils in the Different Grades, December, 1922.

SCHOOLS	Grade I	Grade Is	Grade II	Grade IIs	Grade III	Grade IIIs	Grade IV	Grade IV's	Grade V	Grade Vs	Grade VI	Grade VIs	Grade VII	Grade VIIs	Grade VIII	Grade VIIIs	HIGH SCHOOL								Spec. Classes	Totals		
																	Class I	Class I'	Class II	Class II'	Class III	Class III'	Class IV	Class IV'			Post Grad.	
High																	345	47	327	57	248	42	153	48	7	...	1,274	
Brooks					82	35	78	30	78	29	62	41	73	39	68	...	...	...	...	...	...	...	...	...	...	17	...	632
Centre																66	136	...	...	...	...	...	...	...	...	...	...	202
Craddock	38	27	18	21	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	139
Curtis	75	30	45	19	42	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	226
L. L. Dame							30	71	37	90	31	99	27	95	38	...	...	...	...	...	...	...	...	...	...	16	...	534
Everett	60	42	41	28	38	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	209
Franklin							90	...	96	...	131	...	32	...	...	...	...	...	...	...	...	...	...	...	...	20	...	369
Fulton Heights	55	41	62	24	45	28	36	5	37	10	37	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	380
Gleason	55	17	28	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	114
Hancock	65	30	42	17	59	20	38	...	19	...	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	304
Hervey	58	14	55	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	136
Hillside	86	25	51	8	70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	240
James	90	29	47	30	54	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	267
Lincoln						34	77	51	73	31	83	38	106	65	88	...	...	...	...	...	...	...	...	...	...	16	...	662
Osgood	49	18	43	...	35	...	34	...	28	...	22	...	27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	256
Swan Jr. High													212	97	142	112	75	20	...	...	...	...	...	...	...	...	...	667
Tufts	118	43	73	33	72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	...	359
Washington							82	...	50	...	73	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	205
Total Dec., 1922...	749	316	505	203	532	179	506	123	471	101	521	106	545	239	364	248	420	76	327	57	248	42	153	48	7	89	...	7,175
Total Dec., 1921...	582	308	474	272	416	267	387	242	403	249	410	292	367	277	345	217	350	122	225	101	162	62	126	32	9	31	...	6,728
Total Dec., 1920...	557	286	462	272	390	259	410	243	409	279	370	274	370	254	307	194	256	144	183	94	136	47	126	51	5	...	...	6,378
Total Dec., 1919...	511	328	414	260	408	317	356	265	375	263	381	256	362	221	281	182	263	118	171	78	134	68	124	65	4	...	...	6,205

APPENDIX D

NUMBER OF TEACHERS IN THE DIFFERENT DEPARTMENTS OF THE DAY SCHOOLS DECEMBER, 1922.

	Principals		Regular Day School Teachers				Supervisors and Special Instructors.									
	Supervising	Teaching	High	Junior High	Elementary	Retarded Class Teachers	Unassigned Teachers	Primary Grades	Music	Drawing	Physical Training	Sewing	Cooking	Mech. Drawing Woodwork Printing	Penmanship	Totals
Men	5		16	3	0	0	0	0	0	0	1	0	0	3	1	29
Women ...	2	10	38*	45	117	5	2	1	1	2	2	1	1	0	0	227
	7	10	54	48	117	5	2	1	1	2	3	1	1	3	1	256

* One part-time teacher.

Comparison with a similar tabulation for 1921 shows that twenty-eight teachers were added to the staff in 1922. Thirteen were added in 1921.

TABLE II.—ATTENDANCE DATA, ETC., FOR THE SCHOOL YEAR ENDING JUNE, 1922

SCHOOL	Whole No. of pupils enrolled exclusive of re-enrollment in the city			Average membership	Average attendance	Per cent of attendance	Cases of corporal punishment	No. of different truants	Half days of truancy	Cases of tardiness	Cases of dismissal
	Total	Boys	Girls								
High	1173	545	628	1148.98	1092.46	95.08	.....	24	51	1199	643
Brooks	664	344	320	616.30	575.68	93.40	.....	6	46	658	246
Centre	193	90	103	210.68	199.76	94.81	.....	6	23	283	80
Craddock	161	103	58	112.35	100.75	89.66	.....	.....	.....	153	38
Curtis	254	123	131	200.98	186.58	92.83	.....	.....	.....	120	77
L. L. Dame.....	685	335	350	607.21	572.79	94.33	8	15	83	541	268
Everett	205	115	90	155.32	141.28	90.96	.....	.....	.....	157	52
Franklin	392	211	181	377.89	358.72	94.92	1	4	4	256	129
Fulton Heights.....	372	204	168	323.42	297.81	92.08	11	5	22	878	89
Gleason	125	67	58	79.32	71.42	90.04	.....	.....	.....	63	18
Hancock	306	169	137	260.83	239.21	91.71	2	.....	.....	235	48
Hervey	171	89	82	141.67	126.74	89.46	1	.....	.....	398	87
Hillside	196	96	100	150.20	132.51	88.22	.....	.....	.....	167	94
James	302	151	151	234.43	218.76	93.31	2	2	2	120	70
Lincoln	833	432	401	748.72	706.07	94.30	11	60	171	562	318
Osgood	229	98	131	203.93	189.46	92.90	.....	3	10	263	208
Swan Junior High.....	624	278	346	586.81	540.05	93.56	4	31	189	2049	401
Tufts	372	200	172	294.64	267.41	90.77	.....	10	15	501	64
Washington	249	130	119	237.26	224.50	94.62	4	3	7	116	55
Totals.....	7506	3780	3726	6690.94	6250.96	93.42	44	169	623	8719	2085

TABLE III.—PERCENTAGE OF ATTENDANCE FOR EACH SCHOOL AND GRADE FOR 1921-1922

Elementary Grades and First Two Years of Junior High

SCHOOL	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
Brooks Centre				81.55	92.75	90.94	93.16	93.57	93.64	93.60	93.95	93.65	95.16	94.20	95.08	.....
Craddock	87.55	83.52	90.90	89.08											94.91	96.60
Curtis	90.58	90.70	94.27	93.90	94.70	95.35										
L. L. Dame				93.96	92.96	92.84	94.20	93.20	94.51	93.27	93.72	95.25	95.89	96.28	96.87	
Everett	85.57	90.12	92.79	92.99	93.58											
Franklin						93.98	94.99	95.86	95.31	93.72	95.94	94.42				
Fulton Hts. ...	86.26	90.81	91.79	92.36	91.08	93.63	92.69	93.74	93.55	94.01	96.92	95.90				
Gleason	87.69	90.58	91.58													
Hancock	88.32	89.67	95.59	94.30	92.22	91.08	91.00	91.52	93.61	89.23	93.79					
Hervey	88.20	87.72	89.40	91.78												
Hillside	85.51	85.95	89.56	92.23												
James	95.13	95.28	92.72	94.36		90.55	92.45									
Lincoln					94.84	93.65	95.11	93.83	94.20	93.98	95.06	94.70	93.73	94.01	93.93	.....
Osgood	90.35	88.74	95.05	93.32	92.54	94.26	94.48	94.07	94.81	95.45	94.60	94.71				
Swan Jr. High													91.94	93.42	93.32	93.83
Tufts	89.01	89.22	91.95	91.30	93.81											
Washington						95.05	94.77	94.56	94.34	93.95	94.18	95.23				
All schools	88.63	89.30	92.32	91.84	92.00	93.32	93.80	93.80	94.24	93.40	94.77	94.83	94.18	94.47	94.82	95.21

TABLE IV—Average Age of Pupils in the Respective Grades,
September, 1922.

I		II		III		IV	
R.	S.	R.	S.	R.	S.	R.	S.
yr. mo.	yr. mo.	yr. mo.	yr. mo.	yr. mo.	yr. mo.	yr. mo.	yr. mo.
6 4	7 0	7 7	8 1	8 7	9 3	9 8	10 5

V		VI		VII		VIII	
R.	S.	R.	S.	R.	S.	R.	S.
yr. mo.	yr. mo.	yr. mo.	yr. mo.	yr. mo.	yr. mo.	yr. mo.	yr. mo.
10 8	11 3	11 7	12 2	12 7	13 5	13 6	14 3

HIGH							
IX R	IX S	X R	X S	XI R	XI S	XII R	XII S
yr. mo.	yr. mo.	yr. mo.	yr. mo.	yr. mo.	yr. mo.	yr. mo.	yr. mo.
14 7	15 0	15 7	15 10	16 5	16 8	17 4	17 8

R—Regular classes.

S—Speed classes.

TABLE V—DISTRIBUTION OF PUPILS FROM DECEMBER, 1918, TO DECEMBER, 1922.

Year ending December	Elementary Schools	Junior High Schools	Senior High Schools	Totals	Increase by Years
1918	4043	921	1028	5992	
1919	4143	1046	1025	6205	213
1920	4211	1125	1042	6378	173
1921	4333	1206	1189	6728	350
1922	4401	1500	1275	7175	447
Increase in Four Years	358	579	246		1183

Classes of employment entered by minors 14-16 years of age with percentage entering each class for the years 1920-21-22.

Boys

Industry	Per cent
Errand boy	31.
Light factory worker	16.1
Messenger	14.5
Office boy	14.5
Apprentice	9.4
Clerk	6.3
Miscellaneous	8.2

Girls

Industry	Per cent
Light factory worker	70.
Clerical worker	10.2
Salesgirl	7.
Messenger girl	4.7
Apprentice	3.4
Stock girl	2.7
Examiner	1.3
Houseworker .....	.7

Appendix C**MEDFORD HIGH SCHOOL GRADUATION**

January Twenty-six, Nineteen Hundred Twenty-two

At eight o'clock in the evening

ORDER OF EXERCISES

Entrance of Class

Address of Class President

Ronald J. MacDonald

"Doan Ye Cry Ma Honey".....Noll

Girls' Glee Club

Essay: "The Business Woman of Today"

Beulah C. Higgins

Selection from "Lady Billy".....Levey

School Orchestra

Valedictory Essay: "Science, the Interpreter of the World's
Possibilities"

Emanuel Starr

"Ciribiribin"Pestalozza

Glee Clubs

PRESENTATION OF DIPLOMAS

By His Honor the Mayor

"America" (Stanzas one and four)

GRADUATING CLASS

Oren Arthur Armstrong
Salvatore Enrico Cataldo
William Albert Coffey
Margaret Katherine Connolly
Karl Pyam Cushing
Blanche Ida Dinsmore
Mary Genevieve Duffee
Melita Barbara Flanagan
Romeo Romano Gallerani
Joseph Henry Grant, Jr.
Beulah Cynthia Higgins
Marion Eunice Howland
Alice Lequilla Johnson
Mary Winifred Linnane
Ronald James MacDonald

Dorothy Bradshaw MacGrath
Vivian McLucas
Laura Rosamond MacQuestion
John Edward Mann
Dorothy Hilda Meyer
Edmund Emil Moldt
William Frank Morton
Stanley Ernest Ober
Helen Elizabeth Paschal
Charles Edwin Richenberger
Ralph Wilson Sanborn
Marion Isabel Smith
Emanuel Starr
Ethel Steinberg
Lucy Isabel Wishman

HONORABLE MENTION

* Asterisks indicate advanced work

William Albert Coffey.....	French
Karl Pyam Cushing.....	Science
Beulah C. Higgins.....	*English, Household Arts
Laura R. MacQuestion.....	History
John E. Mann.....	History, Drawing
Marion I. Smith.....	Bookkeeping and Law, *Stenography and *Typewriting
Emanuel Starr.....	French, *Mathematics

Honorable mention is given in the following groups: English, Latin, French, German, History, Science, Mathematics, Drawing, Bookkeeping and Law, Stenography and Typewriting, Household Arts, on a basis of at least three years' work with fifty per cent of the marks A.

MEDFORD HIGH SCHOOL GRADUATION

June Twenty-one, Nineteen Hundred Twenty-two
At eight o'clock in the evening

ORDER OF EXERCISES

Entrance of Class

Address of Class President

John Fennell Reilly

Triumphal March from "Aida".....Verdi
Glee Clubs

Essay: "A Knowledge of Current Events, an Essential of Good
Citizenship"

Alvan George Smith

Selection: "The Bohemian Girl," from the Opera.....Balfe
School Orchestra

Valedictory Essay: "Drama: Its Present Status and Possibilities as
a Community Asset"

Edward Stevens Whitney

"Send Out Thy Light".....Gounod
Violin Obligatos—Germaine Van Laethem, Virginia MacPeck
Glee Clubs

PRESENTATION OF DIPLOMAS

By Hon. Benjamin F. Haines

"America" (Stanzas one and four)

GRADUATING CLASS, 1922

Louise Cornelia Anderson
Wilfred Bailey Ashworth
Viola Augustine Ballou
Marjorie Elizabeth Bartlett
Alma Marie Basile
Harold Edwin Belcher
Carmela Rita Bertolami
Margaret Peattie Boleyn
Harold William Borns
Berrita Rosalie Brown
Alice Rita Browne
Cyril Norbert Buckley
Marion Norma Burnham
Cedric Clarence Campbell
Jean Matilda Campbell
Myrtle Dorothy Campbell
Wilfred Edward Campbell
Henry Joseph Carroll
Vivian Blanche Cathcart
Miriam Florence Catton
Clara Llewellyn Clark
Lewis Emery Cobb
Joseph David Condon
Richard Badger Covelle
Mary Roquette Curtin
Maurice William Davidson
Pearl Ethel Davis
Victoria DeFina
Neal Richards Dowe
Helen Dworzecki
Katherine Margaret Fennelly
Rose Fierman
Abraham Benjamin Fine
Ruth Melicent Fisk
Thomas Henry Fitzpatrick
Ramona Isabelle Forrest
Dorothy Densleigh Foster
Nora Frances Galvin
George Jacob Garland
Audrey Mae Gilman
Frank Homer Glaven
Alton Brackett Gowen
Frances Treworzy Griffin

Charles Fielden Guptill
Rupert Manning Hanny
William Francis Hartnett
Ruth Harvender
Edward Winfield Holland
Elwyn Turnbull Hook
Ethel Mae Hopkins
Barbara Tower Howes
Arthur William Jackson
Evelyn Louise Johnson
Helen Elizabeth Kerrigan
Harold Bertram Lawrence
Miriam Louise Leary
Mildred Moulton Lee
Gertrude Veronica Lindsey
Dorothy Lougee
Esther Allen Lowry
Anna Elizabeth Lynn
Edna Hope MacDonald
Jessie Alice McDowell
Isabel Anna MacLean
Isabel Martha McLean
Paul McNulty
Virginia MacPeck
Annie McPherson
Helen Louise Madigan
Eleanor Magoun
Edward Lincoln Magoun
Lucie Arline Mahoney
Evelyn Bancroft Marston
Frank Raymond Moran
Hope Ethel Moran
Mary Ewing Nesbitt
Ruth Wilson Nesbitt
Christine Delle Newborg
Austin Nickerson
William Roffe Norman
Clara Nourse
William Thomas O'Mara
Sarah Ormsby
Adelaide Louise Osthues
Katherine Bacon Powers
Cecil Warren Pride

Marion Alice Pritchard
Jane Margaret Quinn
John Fennell Reilly
Charles Augustus Roberts
Nelson Robinson
Jeanette Mary Rooney
Genevieve Huyler Rose
Howard Albert Saltmarsh
Edwin Mitchell Scribner
Charles Warren Sharp
Alvan George Smith
Ruth Abby Somers
Clifford Nielson Sprott
Zareh Frank Surabian
Marian Winn Taylor
Samuel Stanley Thorpe
Elmer Everett Tonneson
Mabelle Toomey

Frank Michael Toperzer
Edgar Lloyd Turner
Germaine Marie Van Laethem
Fred Douglas Veinot
Don Andrew Waite
Katie Walch
Eleanor Mary Walker
Doris White
Franklin Millard White
Grace Virginia White
Morden White
Edward Stevens Whitney
Mary Ursula Williams
Wesley Phelps Wilmot
Edward Wilkinson Wingate
Odessa Evelyn Winslow
Marjorie Lucetta Wyman

HONORABLE MENTION

*Asterisks indicate advanced work

Viola Augustine Ballou.....	*Latin, French
Maurice William Davidson.....	Latin, French, *Mathematics
Pearl Ethel Davis.....	Bookkeeping
Ramona Isabelle Forrest.....	*English
Dorothy Densleigh Foster.....	Household Arts
Edna Hope McDonald.....	History
Annie McPherson.....	*English, *Latin, French, Mathematics
Edward Lincoln Magoun.....	*Latin, French
Adelaide Louise Osthues.....	French
Marion Alice Pritchard.....	Household Arts
Jane Margaret Quinn.....	*English, *Latin, French, Mathematics
Warren Charles Sharp.....	Latin
Alvan George Smith.....	*Latin, French, Mathematics
Marion Winn Taylor.....	Stenography and Typewriting
Eleanor Mary Walker.....	Stenography and Typewriting
Doris Lillian White.....	French, Mathematics
Edward Stevens Whitney.....	*English, *Latin, French, Mathematics

Honorable mention is given in the following groups: English, Latin, French, German, History, Science, Mathematics, Drawing, Book-keeping and Law, Stenography and Typewriting, Household Arts, on a basis of at least three years' work with fifty per cent of the marks A.

ORGANIZATION OF SCHOOL STAFF—December 31, 1922

SUPERVISORS AND SPECIAL TEACHERS

Name	Work	Where Educated	When Elected
Margaret E. Grady.....	Supervisor of Primary Grades....	Salem Normal	1912
Josephine Kintz	Drawing	Mass. Normal Art.....	1902
Ruth A. Perkins.....	Drawing	Mass. Normal Art.....	1919
Christine D. Ross.....	French	*Steybeerisschen Inst., Leipsig.....	1915
		La Sorbonne, Paris.....	
Joseph T. Whitney.....	Manual Training.....	M. I. Technology.....	1894
Mildred S. Jones.....	Music	Conservatory of Music.....	1911
Clifton W. M. Blanchard.....	Penmanship	Bridgewater Normal	1911
Edmund W. O'Donnell, B. P. E.....	Physical Training.....	Springfield Training School.....	1921
Katherine Collett	Physical Training.....	Boston School of Physical Education	1922
Brenda Moore	Physical Training.....	Boston School of Physical Education	1921

* Signifies attended without graduation.

ATTENDANCE OFFICER

Thomas F. McGuine

MEDICAL INSPECTOR

Edward W. Barrett, M. D.

SCHOOL NURSE

Anna D. Gilson, R. N., Mrs.

DENTAL HYGIENIST

Anne E. Wiltshire, D. H.

ORGANIZATION OF SCHOOL STAFF—Continued

Name	School and Work	Where Educated	When Elected
HIGH SCHOOL			
J. Stevens Kadesch, A. B., Headmaster.	.....	Clark University	1921
Frank S. Gilkey, A. B., Sub-master....	Head of Classical Department....	Harvard College	1897
Sara A. Clapp, Junior Sub-master....	Head of Modern Language Department	*Paris, *Göttingen	1897
Marian E. Anthony, A. B.....	Biology	Brown University	1922
Katherine L. Baker.....	Cookery	Framingham Normal	1919
Belle Ballou	English	*Wellesley, *Simmons	1921
Ormon E. Bassett, B. S.....	Mathematics	University of Vermont.....	1922
John I. Bennett, B. S.....	Science	Mass. Agricultural College.....	1924
Martha C. Bennett.....	Stenography and Typewriting....	Mass. College of Commerce.....	1911
†Clifton W. M. Blanchard.....	Penmanship	Bridgewater Normal	1911
Lillian M. Bowker, A. B.....	French	Boston University	1915
Leslie R. Carey, A. B.....	English and Public Speaking....	Bates College	1919
†Katherine Collett.....	Physical Training.....	Boston School of Physical Education	1922
Marian R. Daggett, A. B.....	English	Colby College	1921
Helen F. Dexter, A. B., Mrs.....	French	Smith College	1922
Daisy E. Ehler.....	Stenography and Typewriting....	Salem Normal	1920
Grace L. Eyriek.....	Bookkeeping and Commercial Law	Malden Commercial School.....	1920
M. Gertrude Fairbanks.....	Stenography and Typewriting....	Burdett Business College.....	1918
Abby R. Field, A. B.....	English and Latin.....	Tufts College	1920
Edward J. Finnegan, A. B.....	English	Boston College	1920
Elizabeth Flanagan.....	Bookkeeping and Commercial Geography	Burdett College	1922
Robert A. Frazier, A. B.....	Science	Harvard College	1922

* Signifies attended without graduation.

† Also Supervisor of grade work.

ORGANIZATION OF SCHOOL STAFF—Continued

Name	School and Work	Where Educated	When Elected
Mabel A. Gannett, A. A., School Librarian	English	Jackson College	1914
Esther Gibson, A. B.	History and Latin	Boston University	1922
Marian Graves	Cookery	Framingham Normal	1922
Roy M. Grindy, A. B.	History	Williams College	1921
Irene M. Hall, A. B.	English	N. H. State College	1922
Ruth E. Huntley, A. B.	English	Radcliffe College	1922
Florence R. Kelley, A. M.	Civics and History	Syracuse University	1921
Ralph L. Kendall, A. B.	Head of Mathematics Department	Bates College	1908
†Josephine Kintz	Free Hand Drawing	Mass. Normal Art	1902
Esther E. Ladd, A. B.	Latin	Tufts College	1911
Juliette E. Lemay, A. B.	Spanish and French	Boston University	1921
Edward H. Leonard, A. B.	Mathematics	Dartmouth College	1920
Ethel C. Lomasney, A. B.	History and Latin	Boston University	1920
Helen F. Lyons, B. S.	English	Columbia University	1921
James E. Mansfield, A. B.	Mathematics and Coach of Athletics	Holy Cross College	1913
Gertrude A. Maycock	Stenography and Typewriting	Salem Commercial College	1918
Raymond E. Merrill, A. B.	Head of Physics Department	Bowdoin College	1922
†Edmund W. O'Donnell, B. P. E.	Physical Training	Springfield Training School	1921
Charles C. Olson, B. B. A.	Head of Commercial Department ..	Boston University	1921

† Also supervisor of grade work.

ORGANIZATION OF SCHOOL STAFF—Continued

Name	School and Work	Where Educated	When Elected
Laura P. Patten.....	Head of Domestic Science and Chemistry Departments	Salem Normal, *Boston University.	1897
Jennie M. Pedersen.....	Bookkeeping and Commercial Arithmetic	Salem Normal	1916
Antoinette C. Pied, A. B.....	French	Laval University	1921
Bella C. Porter, A. B.....	English and Music.....	Tufts College	1921
†Christine D. Ross.....	French	*Steinbeckerischen Inst., Leipsig, La Sorbonne, Paris.....	1915
Arthur G. Sampson, B. S.....	Civics and History.....	Tufts College	1921
Grace N. Sherburne, A. B.....	English	Jackson College	1920
George R. Skillin, B. S.....	Mathematics	Colby College	1921
Hila H. Small, A. M.....	Head of English Department....	Boston University	1915
Marcia H. Smith, A. B.....	Spanish and Latin.....	Wellesley College	1909
Winnifred A. Thomas.....	Stenography and Typewriting....	Salem Normal	1920
Marjorie Vradenburgh	Bookkeeping and Commercial Arithmetic	Salem Normal	1922
Harry E. Walker, A. B.....	Head of History Department....	Bowdoin College	1921
Mary P. Webb, Mrs.....	Stenography and Typewriting....	Salem Commercial College.....	1919
Melvin V. Weldon.....	Manual Training.....	*Wentworth Institute	1912
†Joseph T. Whitney.....	Printing and Mechanical Drawing	M. I. Technology	1894
Eva H. Williams, A. B.....	English	Boston University	1922
Miriam R. Woolley.....	Millinery and Sewing.....	*Simmons College	1915

* Signifies attended without graduation.

† Also supervisor of grade work.

ORGANIZATION OF SCHOOL STAFF—Continued

Name	School and Work	Where Educated	Elected When
BROOKS SCHOOL			
‡Bertrand Hooper, Principal.....	.....	*Boston University Burdett Business College.....	1918
	Junior High VII—VIII		
Gertrude S. Light, Principal's Assistant.....	Arithmetic	Girls' High School, Boston.....	1884
Gladys V. Craft, A. B.....	Geography and Penmanship.....	Colby College	1920
Bertha E. Forster.....	English	Fitchburg Normal	1903
Harriett B. Garritt.....	French and Music.....	Framingham Normal	1911
†Josephine Kintz	Drawing	Mass. Normal Art.....	1902
†Alfred A. Mahn.....	Manual Training	Sloyd Training School.....	1922
†Ruth D. Mooers, B. S.....	Sewing	Simmons College	1922
†Elma M. Soderquist.....	Cookery	School of Domestic Science.....	1911
Anne E. Watkins.....	English and History.....	Plymouth Normal	1921
Fannie L. Willard.....	Mathematics and Science.....	Keene Normal	1921
	Grades II-VI		
Annie S. Melrose.....	Six	*Keene Normal	1919
Dorothy H. Norris.....	Six	Bridgewater Normal	1922

* Signifies attended without graduation.

† Part time in this school.

‡ Also Superintendent's Assistant.

ORGANIZATION OF SCHOOL STAFF—Continued

Name	School and Work	Where Educated	When Elected
May E. Fenton.....	Six	Plymouth Normal	1921
Gladys B. Blood.....	Five	Framingham Normal	1921
Naomi Atkins	Five	Salem Normal	1921
Ethel M. Crook.....	Five	Eastern State Normal	1916
Annie P. Danforth.....	Four	Salem Normal	1903
H. Lillian Robinson.....	Four	*Lowell Normal	1919
Annie W. Hubbard.....	Four	Bradford Academy	1897
Gunhilde O. Pederson.....	Three	Keene Normal	1922
Ervel Orchard	Three	Lowell Normal	1920
Jeannette M. Falconer.....	Three	Perry Kindergarten Normal.....	1916
Florence K. Watkins, Mrs.....	Special Class.....	Salem Normal	1921
CENTRE SCHOOL Junior High VIII			
‡George F. Weston, Jr., A. M., Principal	.....	Brown University	1917
Elizabeth R. Carty, Principal's Assistant	Commercial Subjects	Girls' High School, Boston.....	1891
Edith P. Bartlett.....	Geography and English.....	*Boston University, *Hyannis Normal	1921
Edwina F. Blodgett, Mrs.....	English and Mathematics.....	Salem Normal	1922
Madeleine Brine, A. B.....	English	Radcliffe College	1922

*Signifies attended without graduation.

‡Also Principal of Swan Junior High School.

ORGANIZATION OF SCHOOL STAFF—Continued

Name	School and Work	Where Educated	When Elected
Frances M. Eastman, A. B.....	French, Latin, and English.....	Smith College	1902
Marjorie O. Harvey.....	History	Eastern State Normal	1922
M. Jennie Keenan.....	Mathematics, History, and Music.	Plymouth Normal	1921
†Josephine Kintz	Drawing	Mass. Normal Art	1902
†Alfred A. Mahn.....	Manual Training	Sloyd Tr. School	1922
George A. Smith, B. S.....	Mathematics and Science.....	Mass. Agricultural College.....	1922
†Elma M. Soderquist.....	Cookery	School of Domestic Science.....	1911
‡Melvin V. Weldon.....	Manual Training	*Wentworth Institute	1912
CRADOCK SCHOOL			
Adelaide S. Herriott, Principal.....	Three	*Hyannis Normal	1878
Alice G. Phemister.....	Two	Perry Kindergarten Normal.....	1905
Miriam P. Clark.....	One	Lowell Normal	1910
Elizabeth Van H. Frame.....	One	*Castine Normal	1915
CURTIS SCHOOL			
Emma J. Bresnahan.....	Three	Salom Normal	1907
Amy W. Bradbury.....	Three and Two	Salom Normal	1909
Melissa J. Hargraves.....	Two	Perry Kindergarten Normal.....	1917

* Signifies attended without graduation.

† Part time in this school.

‡ Classes meet at High School.

ORGANIZATION OF SCHOOL STAFF—Continued

Name	School and Work	Where Educated	When Elected
Jennie S. Archibald, Principal.....	One	Medford High School.....	1890
Agnes G. Sweeney.....	One	Salem Normal	1903
Edith D. Rives.....	One	Framingham Normal	1922
LORIN L. DAME SCHOOL			
Galen W. Flanders, Principal.....	.....	Bridgewater Normal, *Harvard College	1910
Junior High VII			
Mary E. Frye, Principal's Assistant....	Mathematics and Science.....	Farmington Normal	1912
Ila D. Berry.....	Geography and History.....	Bridgewater Normal	1918
Josie L. Blakely.....	English and Geography.....	Salem Normal	1904
Vandelia A. Dexter.....	English, French, and Music.....	Salem Normal	1909
† Alfred A. Mahn.....	Manual Training	Sloyd Tr. School	1922
† Ruth D. Mooers, B. S.....	Sewing	Simmons College	1922
‡ Ruth A. Perkins.....	Drawing	Mass. Normal Art.....	1919
† Ethna M. Soderquist.....	Sewing	School of Domestic Science.....	1911

* Signifies attended without graduation.

† Part time in this school.

‡ Also supervisor of grade work.

ORGANIZATION OF SCHOOL STAFF—Continued

Name	School and Work	Where Educated	When Elected
Grades III—VI			
A. Gertrude Sharkey.....	Six	Salem Normal	1914
Kathryn Campbell	Six	Bridgewater Normal	1920
Annie M. Henderson.....	Six	Coburn Institute	1914
Frances E. Powell.....	Six	Bridgewater Normal	1922
Edna Davis.....	Five	Plymouth Normal	1920
Rowena M. Graham.....	Five	Framingham Normal	1921
Alice Wilbur	Five	Bridgewater Normal	1889
Gladys Jenkyn	Four	Gorham Normal	1920
Emma Davis	Four	Medford High School.....	1886
Genevieve Kane	Four	*Gorham Normal	1916
Edith Bailey	Three	Western State Normal.....	1921
Bertha Hayes	Special Class	Boston School of Expression.....	1922
EVERETT			
Mary P. Titcomb.....	Three	Girls' Latin, Boston.....	1904
Ida L. Hartshorn, Principal.....	Two	Medford High School.....	1872
Alice C. Reed.....	Two	*Hyannis Normal	1893
Ruth K. Burrage.....	One	Bridgewater Normal	1898
Margaret L. Purcell.....	One	Lowell Normal	1917

* Signifies attended without graduation.

ORGANIZATION OF SCHOOL STAFF—Continued

Name	School and Work	Where Educated	When Elected
FRANKLIN SCHOOL			
Alice D. Bowen, Mrs., Principal.....	.....	Salem Normal, *Radeliffe College...	1915
Mary Waitt, Principal's Assistant.....	Six	Coffin School, Nantucket.....	1903
Ethel E. Asker.....	Seven and Six	Fredericton Normal	1909
Laura C. Cunningham.....	Six	Salem Normal	1919
Anna M. Roberts.....	Six	*Hyannis Normal	1901
Gertrude Dwyer.....	Five	*Mt. St. Vincent College.....	1916
Charlotte A. Post, Mrs.....	Five	Worcester Normal	1919
	Five		
Anna D'Avellar.....	Four	Salem Normal	1915
Blanche E. Foster.....	Four	Castine Normal	1922
Ruth A. Phelps.....	Four	Framingham Normal	1922
Laura A. Hillman.....	Special Class	Fisher Kindergarten Normal.....	1917
FULTON HEIGHTS SCHOOL			
Ella H. Smith, Principal.....	Six and Five.....	Gorham Normal	1921
Katherine M. Brogan, Mrs.....	Five and Four.....	Concord, N. H., Tr. School.....	1921
Laura M. Brown, Mrs.....	Four	Salem Normal	1923
Mary Coffey	Three	Salem Normal	1915
Rebecca G. Walker.....	Three	Keene Normal	1922
Pearl Macdonald	Two	Lesley Training School.....	1922

* Signifies attended without graduation.

ORGANIZATION OF SCHOOL STAFF—Continued

Name	School and Work	Where Educated	When Elected
Margaret B. Jackson.....	Two	Concord, N. H., Tr. School.....	1921
Emma Bell	Two and One.....	Newburyport Tr. School	1922
Margaret Headley	One	Plymouth Normal School.....	1922
Julie A. Engel.....	One	Concord, N. H., Tr. School.....	1921
Eunice I. Evans.....	One	Salem Normal	1921
GLEASON SCHOOL			
Catharina W. Billings, Principal.....	Two and One.....	Quincy High School.....	1892
Flora Cross	Two	Salem Normal	1922
Alice L. Bryan.....	One	Symonds Kindergarten Normal....	1895
Emily Noyes.....	Assistant	Wheeler Kindergarten Normal....	1922
HANCOCK SCHOOL			
Nina F. Russell.....	Six and Five.....	*Hyannis Normal, *Columbia Uni...	1922
Mary L. Baxter.....	Four	Salem Normal	1918
Ida B. Jacques, Principal.....	Three	Aroostock Normal	1916
Winnifred M. Crockwell.....	Three	Salem Normal	1908
Elsie D. Buswell.....	Three and Two.....	Plymouth Normal	1920
Clara M. Crowe.....	Two	Salem Normal	1918
Abbie C. Moxley.....	One	Castleton Normal	1917
Annie M. Jenness.....	One	Froebel Kindergarten Normal.....	1912
Catherine M. Bray.....	One	Salem Normal	1920

* Signifies attended without graduation.

ORGANIZATION OF SCHOOL STAFF—Continued

Name	School and Work	Where Educated	When Elected
HERVEY SCHOOL			
Ella L. Alden, Principal.....	Two	Medford High School	1883
Alice R. Sprague.....	Two	Wheelock Kindergarten Normal....	1902
Mildred R. Evans.....	One	Lesley Normal	1920
Kathleen V. O'Hara.....	One	Boston Normal	1911
HILLSIDE SCHOOL			
Doris M. Hayes.....	Three	Bridgewater Normal	1921
Mabel T. Kalloch, Principal.....	Three and Two.....	Farmington Normal	1900
Helen J. Gray.....	Two	Wheelock Kindergarten Normal....	1918
Ora I. Chick, Mrs.....	Two and One.....	*Indiana State Normal.....	1919
Bertha Wenzel, Mrs.....	One	Bridgewater Normal	1921
Mae M. Innis.....	One	Salem Normal	1920
JAMES SCHOOL			
Nellie M. Baker, Principal.....	Three	*Farmington Normal	1897
Cora M. Gordon.....	Three	*Bangor Training School.....	1907
Katherine M. Clark.....	Three and Two.....	*North Adams Normal.....	1908
Edith I. Knutson.....	Two	Castine Normal	1921
Marian Poole	Two	Bridgewater Normal	1910
Marion L. Butterfield.....	One	New Britain Normal	1922
Anna S. Tucker.....	One	Symonds Kindergarten Normal....	1898
Florence E. Gardner.....	One	Bridgewater Normal	1922

* Signifies attended without graduation.

ORGANIZATION OF SCHOOL STAFF—Continued

Name	School and Work	Where Educated	When Elected
LINCOLN SCHOOL			
George W. Parsons, A. M., Principal...	.....	Bowdoin College	1890
Junior High VII—VIII-B			
Rhoda C. Slate, Principal's Assistant..	Pennmanship and Spelling.....	*Westfield Normal	1901
Adella L. Adams.....	History	Hitchcock Academy	1916
Annie E. Barbeau.....	English	*Denver City Normal.....	1901
Lenora Coombs	Mathematics	Castine Normal	1919
Marie V. Davis, A. B.....	French	Jackson College	1920
†Josephine Kintz	Drawing	Mass. Normal Art.....	1902
†Alfred A. Mahn.....	Manual Training	Sloyd Tr. School.....	1922
†Ruth D. Mooers.....	Sewing	Simmons	1922
Alice H. Moore, Mrs.....	Geography	Bridgewater Normal	1904
Harold A. Rogers, B. S.....	Science, Commercial Work.....	Tufts College	1922
†Elma M. Soderquist.....	Cookery	School of Domestic Science.....	1911
Grades III—VI			
Anna D. Rose.....	Six	Salem Normal	1915
E. Alice Payn-Sills.....	Six	Provincial Normal	1892

* Signifies attended without graduation.

† Part time in this school.

ORGANIZATION OF SCHOOL STAFF—Continued

School and Work	School and Work	Where Educated	When Elected
Mary E. Gorman.....	Six	Salem Normal	1907
Mary P. Donovan.....	Five	Lowell Normal	1921
Edith G. Wheaton.....	Five	Salem Normal	1915
Helen Snyder	Five	*Framingham Normal,	
		*Hyannis Normal	1921
Eileen O'Brien	Four	Emerson College of Oratory.....	1922
Mary E. G. Shanney.....	Four	St. Joseph's Normal	1922
Emma B. Ketchen.....	Four	Lowell Normal	1919
Grace Titcomb.....	Four	Salem Normal	1911
Amey C. Dyar.....	Three	Wheelock Kindergarten Normal...	1919
Helen C. Jackson, A. B.....	Special Class.....	Tufts College	1922
OSGOOD SCHOOL			
Elizabeth T. Newell, B. S., Mrs., Principal	Seven	Columbia University	1914
Helen V. Flagg, Mrs.....	Six	*Hyannis Normal	1920
Mary H. O'Gara.....	Five	Plymouth Normal	1922
Bertha C. Brown.....	Four	New Britain Normal.....	1896
Beulah Lane	Three	Framingham Normal	1921
Alice R. Harrison.....	Two	Preque Isle Normal.....	1922
Letsy D. Barker.....	One	Framingham Normal	1922
Lillian A. Lowell, Mrs.....	One	Chelsea High School.....	1920

* Signifies attended without graduation.

ORGANIZATION OF SCHOOL STAFF—Continued

Name	School and Work	Where Educated	When Elected
SWAN JUNIOR HIGH SCHOOL VII—IX			
§George F. Weston, Jr., A. M., Principal.	.....	Brown University	1917
Lucille M. Duntou, Principal's Assistant	English and Latin.....	Somerville High School.....	1906
Medora E. Adams, A. B., Mrs.....	Physiology	Minnesota University	1919
Alice D. Ayres.....	History	Norwich Academy	1908
Dorothy Baldwin	English and Arithmetic.....	Framingham Normal, *Mount Holyoke College.....	1922
Retta R. Barrett.....	Commercial Subjects.....	Westfield Normal	1905
Allen E. Brickett, A. B.....	Science and Civics.....	Amherst College	1921
Irene Cornelius	Geography and Arithmetic.....	Keene Normal	1922
Bertha R. Davis.....	English and Arithmetic.....	Fitchburg Normal	1910
Minnie E. Gray.....	Mathematics	Castine Normal	1921
Gunnar S. Gustafson.....	Manual Training.....	Sloyd Training School.....	1918
Blanche E. Kaler, Mrs.....	English	Castine Normal	1920
Evva M. Knox, B. S.....	Cookery and Sewing.....	Simmons College	1921
Cecilia A. McCarthy.....	Head of Commercial Department.	Salem Normal	1910
Isabel M. McDonald, B. S.....	History and English.....	Jackson College	1922
Nellie B. Mansfield, A. B.....	French	Tufts College	1918
†Ruth D. Mooers, B. S.....	Sewing	Simmons College	1922
Ruth E. Norris, A. B.....	English	Brown University	1910

* Signifies attended without graduation.

† Part time in this school.

§ Also Principal of Centre School.

ORGANIZATION OF SCHOOL STAFF—Continued

Name	School and Work	Where Educated	When Elected
Edna T. Pickard, A. B., Mrs.....	Mathematics and English.....	Bates College	1919
Marion Pierce	Drawing	Concord, Mass., Training School....	1910
Mary A. Rowan, A. B.	English and Science.....	Boston University	1919
K. Ruth Thayer.....	English	Fitchburg Normal	1921
Alma A. Thomas.....	Commercial Subjects.....	*Tufts College	1910
Gertrude B. Thyng.....	Geography	Farmington Normal	1912
Florence A. Warren.....	Music and English.....	Gorham Normal	1921
‡Joseph T. Whitney.....	Printing	M. I. Technology.....	1894
TUFTS SCHOOL			
Jessie M. Dinsmore, Principal.....	.....	*Hyannis Normal	1885
Mary A. Gilligan.....	Three	High School, Eastport, Me.....	1910
Ella P. MacNear.....	Three	Framingham Normal	1922
Mary I. Phemister.....	Two	Chelsea High School.....	1897
Ada V. Dolan.....	Two	Salem Normal	1915
Doris G. Veinotte.....	Two	Provincial Normal	1920
Mary T. Sartori.....	Two and One.....	Bridgewater Normal	1922
Helen L. Whalen.....	One	Salem Normal	1917
Marion P. Goodwin.....	One	Symonds Kindergarten Normal....	1910
Helen A. Griswold.....	One	Lesley Normal	1919
Bernice E. Perkins.....	One	*Keene Normal, *Plymouth Normal.	1921
Doris J. Spaulding.....	One	Plymouth Normal	1922
Jane M. Barnard.....	Special Class.....	Symonds Kindergarten Normal....	1896

* Signifies attended without graduation.

‡ Head of Manual Training Department; printing classes meet at High school.

ORGANIZATION OF SCHOOL STAFF—Concluded

Name	School and Work	Where Educated	When Elected
	WASHINGTON SCHOOL		
Alice D. Bowen, Mrs., Principal.....	.....	Salem Normal, *Radeliffe College..	1915
Annie E. Durgin.....	Six	*Salem Normal	1877
Gertrude P. Daly, Mrs.....	Six	Salem Normal	1901
Madeline E. Connor.....	Five	Salem Normal	1914
Helen G. Manley.....	Five and Four.....	Salem Normal	1916
Patience F. Browne.....	Four	Salem Normal	1920
Isabel M. Keating.....	Four	Keene Normal	1922

* Signifies attended without graduation.

SCHOOL CARPENTER

Robert O. Canfield, 4 Eastern Avenue

JANITORS

Charles H. Abbott, 189 Salem Street.....Swan Junior High
 John Boleyn, 35A Harris Road.....Tufts
 David Bolger, 14 Cherry Street.....Osgood
 Lawrence J. Carew, 41 Martin Street.....Brooks, Gleason
 Arthur D. Chickering, 227 Salem Street.....Engineer, High
 Dennis J. Connors, 42 Summer Street.....Centre, Cradock
 George W. Cushing, 21 Glenwood Avenue.....Fireman, High
 Joseph H. Dion, 58 Marion Street.....James
 George E. Giles, 12 Pearl Street.....Lorin L. Dame
 Elvin Johnson, 5 Allen Court.....Washington, Everett
 Matthew L. Kelley, 36 Taintor Street.....Swan Junior High
 George S. Lambert, 390 Salem Street.....Franklin
 William L. Morrison, 44 Summer Street.....Assistant, High
 Robert E. Norton, 36 Paris Street.....Curtis
 Wilford N. Parkin, 31 Mystic Street.....Hillside, Hervey
 Frank P. Pierce, 200 Salem Street.....High
 Daniel H. Prescott, 14 Summer Street.....Hancock
 George C. Titcomb, 328 Fulton Street.....Fulton Heights
 Albert Taintor, 45 Albion Street.....Lincoln

MAILED

EXHIBIT ROOM



