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REPORT  
OF THE  
CITY AUDITOR  
OF THE  
RECEIPTS AND EXPENDITURES

OF THE  
CITY OF BOSTON AND THE COUNTY OF SUFFOLK,  
COMMONWEALTH OF MASSACHUSETTS

FOR THE FINANCIAL YEAR

1901-1902

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FEBRUARY 1, 1901, TO JANUARY 31, 1902

(BOTH INCLUDED)

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CITY DOCUMENT No. 4

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Compliments of

JAMES H. DODGE,

City Auditor.

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1902

## CITY INCOME.

### *Fire Department.*

Heating Dover-street bath-house,	\$5,122 75
Licenses to sell fireworks and powder,	1,081 00
Sales of old material, etc.,	378 24
Rents,	36 00

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**\$6,617 99**

SITE AND ENGINE-HOUSE, EAST BOSTON.  
Amount awarded by Street Commissioners  
for damages caused by taking land for  
widening Bennington street,

13,321 00

19.938 99

## CITY PAYMENTS.

### *Fire Department.*

Salaries to Jan. 23, 1902, inclusive:

Henry S. Russell, Commissioner,	\$4,986 28
B. F. Underhill, Jr., Secretary,	2,493 40
L. P. Webber, Chief Engineer, to March 21, 1901, inclusive,	536 96
William T. Cheswell, Chief Engineer, from March 29, 1901, inclusive,	2,886 16
Assistant and District Chiefs,	26,497 62
Members of the various engine, hook-and-ladder and hose companies,	845,961 26
Clerks and messenger in office,	6,761 84
Pensioners,	53,879 47
Extra service men,	1,285 75

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**\$945,288 74**

Horses:

Hay, grain and straw,	\$36,285 08
Shoeing,	17,816 20
Purchase and exchange of,	9,949 42
Attendants at hospital, medicine, etc.,	7,496 72
Harnesses and repairs,	6,888 02
Horse-hire,	229 00

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**78,664 44**

*Carried forward,*

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**\$1,023,953 18 \$21,175,928 86**

## FIRE DEPARTMENT.

63

<i>Brought forward,</i>		\$1,023,953 18	\$21,175,928 86
Repairs of apparatus, including stock sent to repair shop:			
Mechanics,	\$28,002 34		
Materials, etc.,	40,073 49		
		68,075 83	
Fuel for houses and engines,		30,386 79	
Repairs and alterations of houses,		25,459 76	
Hose, pipes and repairs,		15,698 38	
New apparatus:			
Two Engines,	\$9,165 00		
Combination chemical engine and ladder truck,	1,965 00		
Four wagons,	783 00		
Two hose wagons,	750 00		
Two life nets,	130 00		
		12,793 00	
Tools and supplies,		10,658 10	
Washing,	\$3,578 12		
Furniture and bedding,	6,497 95		
		10,076 07	
Gas,		6,523 91	
Rents,		6,017 50	
Electric lighting,		4,489 45	
Printing,		3,449 62	
Medical services,		1,206 25	
Hats, badges, buttons and belts,		1,196 17	
Janitor at headquarters,		609 60	
Stationery,		549 04	
Chemicals,		544 47	
Ice,		423 10	
Rent of gas regulators,		308 25	
Advertising,		208 35	
Refreshments for men at fires and small items,		148 02	
Damages,		119 88	
Freights,		102 76	
Expenses of detailed men,		91 36	
			\$1,223,088 84

## FIRE-ALARM TELEGRAPH.

Salaries: Brown			
S. Flanders, Superintendent,	\$3,190 72		
Operators, repairers, etc.,	34,455 25		
		\$37,645 97	
Wire, cables and conduits,	10,760 05		
Instruments, tools and repairs,	6,470 09		
Repairs and alterations,	5,198 10		
Electric power,	945 84		
Telephone service,	680 18		
Electric light and gas for clocks,	382 61		
Horse-keeping,	314 75		
Car fares and travelling expenses,	200 92		
Maps and plans,	58 60		
Repairs of clocks,	45 00		
		62,702 11	
			\$1,285,790 95

*Carried forward,*

\$21,175,928 86

<i>Brought forward,</i>		\$21,175,928 86
ENGINE-HOUSE 20, ENLARGEMENT AND EQUIPMENT.		
<i>Payments on account.</i>		
Contractors, H. P. Oakman's Sons,	\$13,175 00	
Plumbing, John C. Kelly,	718 05	
Architect, A. Warren Gould,	609 49	
Printing,	118 38	
Borings,	47 04	
		\$14,667 96
Combination Chemical engine and ladder truck,		1,436 48
		<u>\$16,104 44</u>
ENGINE-HOUSE AND SITE, WARREN AVENUE.		
<i>Balance of payments.</i>		
Contractors, George M. Tufts,		\$8,593 55
W. L. Clark & Co.,		2,979 25
Plumbing, James Tucker & Sons,		2,170 34
Heating apparatus, Walker & Pratt M'f'g Co.,		1,339 54
Architect, John A. Fox,		774 25
Hardware,		439 92
Lumber,		394 68
Sewer,		394 59
Surveys,		15 00
		<u>\$17,101 12</u>
Cost of land,	\$37,706 16	
Cost of building,	44,293 84	
	<u>\$82,000 00</u>	
LADDER-HOUSE, WARD 13.		
<i>Payments on account.</i>		
Site: 11,363.73 feet of land on and near Pittsburgh street,		\$13,163 73
Building:		
Contractor, William T. Eaton,	\$12,680 30	
Architect, Aaron H. Gould,	699 93	
Borings,	168 00	
Printing,	157 17	
		13,705 40
		<u>\$26,869 13</u>
SITE AND ENGINE-HOUSE, EAST BOSTON.		
<i>Payments on Account.</i>		
Site: 9,300 feet of land on Saratoga street,		\$6,975 00
Building: Contractors, David H. Jacobs & Son,	\$10,537 45	
Three girders, Boston Bridge Works,	1,479 00	
Architect, John A. Fox,	841 79	
Printing,	73 46	
		12,931 70
		<u>\$19,906 70</u>
<i>Carried forward,</i>		\$21,175,928 86

*Brought forward,*

\$21,175,928 86

## RECAPITULATION.

Fire Department,	\$1,285,790 95	
Engine-house 20, enlargement and equipment	16,104 44	
Engine-house and site, Warren avenue,	17,101 12	
Ladder-house, Ward 13,	26,869 13	
Site and Engine-house, East Boston,	19,906 70	
		<u>1,365,772 34</u>

Payments to widows or dependants of deceased employes, authorized by the City Council under authority of the Acts of the Legislature, being the balance of salary to which they would have been entitled had they lived and continued to hold office until the time stated:

Lena E. Pierce, widow of Herbert Pierce, member Fire Department, January 31, 1901, Chapter 217, Acts of 1901, and order of the City Council, October 19, 1901,

276 12

FIRE DEPARTMENT.

YEAR.	Apparatus n Service.				Men.	Repairs, Fire Department Buildings.	Erection, Fire Department Buildings.
	<sup>1</sup> S.E.	H.C.	C.E.	H & L		Amount.	Amount.
1892-93 .....	43	6	10	17	835	\$39,248 01	\$51,857 62
1893-94 .....	43	5	<sup>2</sup> 11	17	794	15,665 45	69,018 28
1894-95 .....	44	4	11	17	786	19,587 89	57,741 19
1895-96 .....	44	2	13	17	792	63,508 02	40,987 52
1896-97 .....	44	1	14	17	805	21,160 41	10,349 38
1897-98 .....	44	1	14	<sup>3</sup> 20	849	30,351 60	21,691 09
1898-99 .....	44	.....	15	21	833	28,030 82	40,478 46
1899-1900 .....	44	.....	14	22	854	25,082 03	47,276 48
1900-1901 .....	44	.....	14	23	863	18,943 64	27,192 72
1901-1902 .....	45	.....	13	25	870	25,459 76	59,842 66

In addition to the above there are 2 Water Towers in service.  
<sup>1</sup> Includes 2 Fire-boats.  
<sup>2</sup> Includes 3 Combination Wagons.  
<sup>3</sup> Includes 4 Combination Trucks.

PAYMENTS FOR PENSIONS, Etc.

	Fire Department.
1872-73 .....	.....
1873-74 .....	.....
1874-75 .....	.....
1875-76 .....	.....
1876-77 .....	.....
1877-78 .....	.....
1878-79 .....	.....
1879-80 .....	.....
1880-81 .....	.....
1881-82 .....	.....
1882-83 .....	.....
1883-84 .....	.....
1884-85 .....	\$595 50
1885-86 .....	1,775 00
1886-87 .....	1,905 00
1887-88 .....	1,992 86
1888-89 .....	3,641 28
1889-90 .....	8,175 02
1890-91 .....	12,348 05
1891-92 .....	10,360 42
1892-93 .....	13,524 89
1893-94 .....	23,415 48
1894-95 .....	27,951 99
1895-96 .....	33,263 92
1896-97 .....	34,901 28
1897-98 .....	38,960 72
1898-99 .....	44,319 14
1899-1900 .....	47,062 78
1900-1901 .....	48,625 48
1901-1902 .....	53,879 47
	\$406,698 28

# CITY PROPERTY.

## FIRE DEPARTMENT.

The following property is in charge of the Fire Commissioner.

### ENGINE-HOUSES.

	LOCATION.	No. of feet in lot.	Remarks.
No. 1.....	Dorchester st.....	5,698	Addition built 1874. Municipal Court, Ward-room 15, in this building.
2.....	O and Fourth sts.....	4,000	
3.....	Bristol st. and Harrison av.	4,000	
4.....	Bulfinch st. ....	6,098	
5.....	Marion st., East Boston...	1,647	Ladder 3 in this building. Chemical Engine 1, Lancers' Armory, and water-tower in this building.
6.....	Leverett st. ....	2,269	
7.....	East st. ....	1,893	
8.....	Salem st. ....	2,568	
9.....	Paris st., East Boston .....	4,720	Ladder 2 in this building.

	LOCATION.	No. of feet in lot.	Remarks.
No. 10.....	River st. ....	1,886	Combination Co. 4 in this b'ld'g.
11.....	Saratoga and Byron sts....	10,000	
12.....	Dudley st.....	7,320	
13.....	Cabot st. ....	4,832	Remodelled, 1870.
14.....	Centre st. ....	5,713	Ladder 6 in this building.
15.....	Dorchester av., S. Boston..	2,843	
16.....	River st., Dorchester .....	12,736	
17.....	Meeting House hill, Dorchester .....	9,450	Ladder-house 7 on this lot.
18.....	Harvard st., Dorchester ...	9,440	Combination Co. 11 in this b'ld'g.
19.....	Norfolk st., " ..	7,683	
20.....	Walnut st., " ..	9,000	
21.....	Columbia road " ..	12,661	Ladder 13 in this building.
22.....	Warren av. ....	7,500	
23.....	Northampton st. ....	3,445	
24.....	Warren and Quincy sts....	4,188	Ladders 8 and 14 in this b'ld'g.
25.....	Fort Hill sq. ....	4,175	
26-35...	Mason st.....	5,623	
27.....	Elm st., Charlestown .....	2,600	Ladder 10 in this building.
28.....	Centre st., West Roxbury.	10,377	
29.....	Chestnut Hill av., Brighton .....	14,358	
30.....	Centre st. West Roxbury,	12,251	Combination Co. 9 in this b'ld'g.
32.....	Bunker Hill st. ....	8,188	
33.....	Boylston and Hereford sts. ....	5,646	
34.....	Western av., Brighton....	4,637	Ladder 15 in this building.
36.....	Monument st.....	5,668	
37.....	Longwood and Brookline aves. ....	5,400	
38-39...	Congress st., South Boston,	4,000	Combination Co. 10 in this b'ld'g.
40.....	Summer st., East Boston...	4,010	
41.....	Harvard av., Brighton....	6,112	
42.....	Washington st., Egleston sq. ....	3,848	Remodelled, 1870. Chemical Engine 6 in this b'ld'g.
43.....	Andrew sq. ....	5,133	
45.....	In Ladder-house 16.		
CHEMICAL ENGINE-HOUSES			
No. 2.....	Church st.....	3,412	Building now being erected.
4.....	Shawmut av.....	889	
7.....	Saratoga st.....	9,300	
8.....	B st., South Boston .....	1,804	
10.....	Eustis st.....	1,754	

### COMBINATION-HOUSES.

	LOCATION.	No. of feet in lot.	Remarks.
No. 1.....	Dorchester av., Ashmont..	4,875	Remodelled, 1870.
2.....	Fourth st.....	3,101	
6.....	Washington st., Dorchester	6,874	
7.....	Winthrop st., Charlestown,	3,000	
8.....	North Grove st. ....	3,918	Armory in building.

## HOOK-AND-LADDER HOUSES.

	LOCATION.	No. of feet in lot.	Remarks.
No. 1.....	Friend st.....	1,676	
2.....	Paris st., East Boston.....		See Engine-house 9.
3.....	Harrison av.....		See Engine-house 3.
4.....	Dudley st.....	3,923	
5.....	Fourth st.....	2,469	
6.....	River st., Dorchester.....		See Engine-house 16.
7.....	Meeting House Hill.....		See Engine-house 17.
8-14..	Fort Hill sq.....		See Engine-house 25.
9.....	Main st., Charlestown.....	4,290	Chemical 9 in this building.
10.....	Centre st., West Roxbury.....		See Engine-house 28.
11.....	Chestnut Hill av., Brighton..		See Engine-house 29.
12.....	Tremont st.....	4,350	Chemical 12 in this building.
13.....	Warren av.....		See Engine-house 22.
15.....	Boylston, cor. Hereford st...		Engine 33 in this building.
16.....	Roslindale.....	14,729	Engine 45 in this building.
17.....	Harrison av.....	2,134	
18.....	Pittsburgh st.....	11,363	Building now being erected.

## MISCELLANEOUS.

	LOCATION.	No. of feet in lot.	Remarks.
Repair-shop.....	Bristol st. }		
Fire Dept. Headquarters..	Bristol st. }	23,663	
Fuel-house.....	Salem st.....	417	
Fuel-house.....	Main st., Ch's'n....	2,430	
Fuel-house.....	Dorchester st. ....	1,610	
Fuel-house.....	Washington st.....	1,007	

STEAM FIRE-ENGINES. — Forty-three in service, located as follows: Twelve in City proper, four in East Boston, six in South Boston, five in Roxbury, six in Dorchester, three in Charlestown, four in West Roxbury and three in Brighton.

FIRE-BOAT. — One in service, located India Wharf.

HORSE HOSE-WAGONS. — Forty-three in service, located as follows: Twelve in City proper, four in East Boston, six in South Boston, five in Roxbury, six in Dorchester, three in Charlestown, four in West Roxbury and three in Brighton.

HOOK-AND-LADDER CARRIAGES. — Seventeen in service, including four extension ladder trucks, located as follows: Seven in City proper, one in East Boston, two in Roxbury, one in South Boston, two in Dorchester, one in Charlestown, two in West Roxbury and one in Brighton.

COMBINATION TRUCKS. — Eight in service, located as follows: One in City proper, one in East Boston, one in Roxbury, one in South Boston, one in Charlestown, two in Dorchester and one in West Roxbury.

COMBINATION WAGONS. — Three in service, located as follows: One in Dorchester, one in South Boston, one in Charlestown.

CHEMICAL ENGINES. — Ten in service, self-acting, located as follows: Three in the City proper, one in East Boston, one in Charlestown, one in South Boston, two in Roxbury, one in West Roxbury and one in Brighton.

WATER-TOWERS. — Two in service, located in City proper.

PORTABLE EXTINGUISHERS. — Carried on all of the ladder trucks and hose carriages, and located in the department houses.

HORSES. — Three hundred and seventy-four.

**VETERINARY HOSPITAL.** — Atkinson street, on lot containing 64,442 square feet.

**FUEL-WAGONS.** — Thirty-nine, each capable of conveying about two tons.

**WAGONS.** — Seventeen for Chief of Department and District Chiefs (fourteen in service, and three in reserve) and one buggy.

**PUNGS.** — Forty-eight, forty-three for carrying hose, two for jobbing, and three for Fire-alarm branch. District Chiefs' sleighs, seven.

**FIRE-LADDERS.** — Two hundred and ninety, of different sizes.

**HOSE.** — 108,950 feet of leading and 1,011 feet of suction.

**SPARE APPARATUS.** — Nine steam fire-engines, five hose wagons, four hook-and-ladder carriages, three chemical engines, and one fire-boat.

**RESERVOIRS.** — Two hundred and five, of which twelve are located at East Boston, eighteen at South Boston, forty in Roxbury, eight in Dorchester, forty in Charlestown, fifteen in West Roxbury, one in Brighton, and the balance in the different wards of the city proper. They contain from 15,000 to 55,000 gallons each.

**REPAIR-SHOP.** — In the repair-shop, one 25-horse power steam-engine, cylinder 9 by 31 inches, Putnam Machine Company; one 26-inch by 26-inch iron planer, 8-ft. table, 12-ft. bed; two 14-inch swing engine lathes, 6-ft. bed; one 14-inch swing engine lathe, 10-ft. bed; one No. 2 upright drill, four blacksmith's forges, one furnace for heating tires, one 28-inch swing standard engine lathe, one 14-inch speed lathe, 5-ft. bed; one 14-inch swing patent engine-lathe, 5-ft. bed; one 25-inch shaping machine; one 68-inch radial drill; one duplex and one Blake pump for feeding boilers; one Knowles triplex pump for testing hose; one patent goose-neck belt drill; one band-saw, one circular saw, one monarch boring machine, together with numerous smaller tools and appliances, and also tools for repairing hose and harness.

Three upright tubular boilers, 100-horse power.

Two dynamos for lighting and fire-alarm, one tire upsetter in the blacksmith-shop, one No. 2 Blake pump in the hose and harness-shop for testing hose.

**HYDRANTS.** — For supplying water in case of fire 7,606, viz.: In the city proper 1,504, in South Boston 623, in East Boston 428, in Roxbury 1,242, in Dorchester 1,785, in West Roxbury 1,049, in Brighton 575, in Charlestown 355; also on Deer Island 19, on Long Island 6, on Thompson's Island 2, on Gallop's Island 2, and on Rainsford Island 5, Quincy 11. The hydrants are located at a distance of 250 to 300 feet from each other.

#### FIRE-ALARM BRANCH.

Telegraphic Fire-alarm Plant, the estimated value of which is \$182,500.

#### BELLS OWNED BY THE CITY.

LOCATION.	Material.	Weight in lbs.
<i>City Proper.</i>		
Berkeley Temple, Berkeley street.....	Composition.	2,941
Chapman School-house, stored by Public Buildings Department.....	Steel.	3,109
Faneuil Hall.....	"	5,186
Wells School-house, Blossom street.....	Composition.	1,675
<i>Charlestown.</i>		
Bunker Hill School-house.....	Composition.	2,009
City Hall.....	"	3,600
Warren School-house.....	"	3,000
Winthrop (old) School-house.....	"	3,000
Van Nostrand's Brewery.....	"	818



# BELLS OWNED BY THE CITY. — *Concluded.*

LOCATION.	Material.	Weight in lbs.
<i>East Boston.</i>		
Adams School-house, Sumner street.....	Steel.	2,995
Princeton-street School-house.....	Composition.	2,470
Saratoga-street M. E. Church.....	Steel.	1,968
Trinity Church, Trenton street.....	Composition.	1,760
<i>South Boston.</i>		
Engine-house No. 1 Dorchester street.....	Composition.	2,911
Engine-house No. 2, Fourth street.....	"	800
Lawrence School-house, B street.....	Steel.	3,400
Lincoln School-house, Broadway.....	Composition.	3,110
Ticknor School-house Dorchester street.....	Steel.	2,995
<i>Dorchester.</i>		
Engine-house No. 16, Temple street.....	Composition.	4,149
Engine-house No. 17, Meeting House Hill.....	"	4,000
Engine-house No. 18, Harvard street.....	"	3,184
Engine-house No. 19, Mattapan.....	"	2,927
Engine-house No. 20, Walnut street.....	"	3,061
Engine-house No. 21, Boston street.....	"	3,026
<i>Roxbury.</i>		
Hook-and-Ladder house No. 4, Dudley street.....	Composition.	3,509
Lewis School-house.....	"	3,104
Smith-street School-house.....	"	4,088
<i>West Roxbury.</i>		
Engine-house No. 28, Centre street.....	Composition.	4,000
Engine-house No. 30, Mt. Vernon street (old).....	Steel.	1,000
Engine-house No. 45, Roslindale.....	Composition.	1,059
<i>Brighton.</i>		
Engine-house No. 29, Chestnut Hill avenue.....	Steel.	1,535
Engine-house No. 34, Western avenue.....	Composition.	1,501
Engine-house No. 41, Allston.....	"	900

## PUBLIC CLOCKS.

*City Proper.* — Christ Church, Salem street; Odd Fellows' Hall, Tremont street; Old South Church; Suffolk County Jail; State-street clock; St. Stephen's Church, Hanover street; Tremont-street M. E. Church; Young Men's Christian Union building.

*South Boston.* — Gaston School-house, Lincoln School-house, Phillips Church, St. Augustine's Church and Ticknor School-house.

*East Boston.* — London-street Church, Lyceum Hall, Trinity Church and Orient Heights Church.

*Boston Highlands.* — Winthrop-street Church, Boston Elevated Railroad house, Columbus avenue; Roxbury High School-house.

*Dorchester.* — Tileston School-house, Baker Memorial Church, Upham's Corner.

*Charlestown.* — City Hall and High School-house.

*Brighton.* — Bennett School-house.

*Jamaica Plain.* — Unitarian Church.

*Roslindale.* — Congregational Church.

*West Roxbury.* — South Evangelical Church.

## TRUST FUNDS.

### BOSTON FIREMEN'S RELIEF FUND.

By chapter 107 of the Acts of 1880, the Mayor of the City of Boston for the time being (and his successors in office), the Fire Commissioner of the City of Boston for the time being (and his successors in office), were constituted a body corporate for the purpose of receiving and holding all sums of money, and real and personal estate, not exceeding in the aggregate two hundred thousand dollars, which may be given, granted, bequeathed, or devised to it for the benefit of members of the Boston Fire Department, or their families, requiring assistance, or for the benefit of any persons, or the families of any persons, who have been such members, requiring assistance. The property so held shall be known as the Boston Firemen's Relief Fund. The said body corporate shall have authority to manage and dispose of the same and the income thereof according to their best discretion, subject to the provisions of any and all trusts which may be created for the purposes aforesaid.

In accordance with the provisions of the foregoing act, the following-named persons, viz., the Mayor, Patrick A. Collins, Fire Commissioner, Henry S. Russell, now constitute the Board of Trustees; Patrick A. Collins, Mayor, President; Henry S. Russell, Treasurer; Michael J. Lafferty, Secretary.

The following was the condition of the fund January 31, 1902 :

Seven City of Boston Three and one-half per cent. Bonds,	\$46,000 00
Thirteen " " Four per cent. Bonds	96,000 00
Eight Chicago, Burlington & Quincy R.R., Nebraska Division, Four per cent. Bonds	8,000 00
Cash on hand	2,647 15
Total	<u>\$152,647 15</u>