

AUDITOR OF ACCOUNTS'
FIFTY-FIFTH ANNUAL REPORT

OF THE

RECEIPTS AND EXPENDITURES

OF THE

CITY OF BOSTON AND THE COUNTY OF SUFFOLK,

STATE OF MASSACHUSETTS,

FOR THE FINANCIAL YEAR

1866-67.

MAY 1, 1866, TO APRIL 30, 1867.

(BOTH INCLUDED.)

CITY DOCUMENT, No. 61.

BOSTON:

ALFRED MUDGE & SON, PRINTERS TO THE CITY,

34 SCHOOL STREET.

1867.

EXPENSES OF THE DEPARTMENTS.

FIRE DEPARTMENT.

	1866-67.	1865-66.
Expenses and Salaries,	\$151,624 63	\$137,551 92
Fire Alarm Department,	26,119 18	17,070 73
Repair of Engine Houses,	8,135 16	9,441 46
	<hr/> \$185,878 97	<hr/> \$164,064 11

Income, 1866-67, \$818.79; 1865-66, \$176.02.

CITY EXPENDITURES.

Engine and Hook and Ladder Houses.

Repairs on the various Houses, as follows, viz:

Carpenter's work and stock.	\$4,590 04	
Painting and glazing,	1,093 55	
Mason work and stock,	831 02	
Slating and roofing,	682 27	
Whitening and coloring,	384 90	
Paving and drains,	302 67	
Plumbing,	132 28	
Paper hangings and hanging same,	67 69	
Gas pipe and fixtures,	28 62	
Assessment for sewer on Chelsea Street,	<hr/> 22 12	
		8,135 16

Per item No. 26 of Treasurer's account.

Fire Alarms.

*Expense of Carrying on the Telegraph
System of Fire Alarms, including
Extensions and Renewal, viz:*

Carried forward,	<hr/> \$1,074,378 74
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<i>Brought forward,</i>		\$1,074,378 74
Salaries: J. B. Stearns, Superintendent to February 18th, inclusive,	\$1,774 00	
John F. Kennard, Superintendent from February 18th,	226 00	
	<hr/>	\$2,000 00
Salaries of operators and repairers,	8,549 75	
Machinery, including repairs,	429 48	
Repairs of damages caused by the wires, and other mechanical labor, including stock,	391 99	
Chemicals, alcohol, etc.,	274 81	
Wire, insulators, knobs, etc.,	266 06	
Iron work, brackets,	262 97	
Castings, including re-casting the bell on Church Street Church,	237 13	
Instruments, including repairs,	229 67	
Hardware and tools,	144 49	
Repairs on East Boston cable, and ringing a bell, at East Boston,	108 38	
Water rates,	100 00	
Frames for alarm cards,	30 45	
Cartage, car fares and small items,	262 14	
Printing and binding,	138 11	
Stationery and stamps,	66 08	
Washing bed clothes,	73 84	
Furniture, etc.,	59 39	
Expenses of committee,	45 00	
	<hr/>	
Total ordinary expenses,		\$13,669 74

EXTENSION OF LINES.

Three bells, including truckage, and raising into towers,	\$4,552 08		
Machinery signal boxes, knobs, insulators, screws, etc.,	2,413 45		
Carpenter's work. including material, iron brackets, etc.,	692 16		
Labor,	97 45		
	<hr/>		
<i>Carried forward,</i>	\$7,755 14	\$13,669 74	\$1,074,378 74

FIRE DEPARTMENT.

55

<i>Brought forward,</i>	\$7,755 14	\$13,669 74	\$1,074,378 74
Hardware, car fares and small items,	11 62		
	<hr/>	7,766 76	

RENEWAL OF LINES.

Laying a second cable to East Boston, viz :			
Cable,	\$2,412 00		
Expenses of laying,	117 65		
	<hr/>	\$2,529 65	
Labor,		906 25	
Wire,		634 74	
Iron work and castings,		455 12	
Insulators, screws, knobs, etc.,		94 25	
Hardware, car fares and small items,		83 17	
Telegraph poles.		29 50	
	<hr/>	4,682 68	
		<hr/>	26,119 18

Per item No. 30 of Treasurer's account.

Fire Department.

Expenses of this Department, exclusive of the Fire Alarm System, Repairs on Engine and Hook and Ladder and Hose Carriage Houses, viz :

Salaries : Chief Engineer,		
Geo. W. Bird, one day,	\$5 48	
John S. Damrell, from April 2, 1866,	1,994 52	
	<hr/>	\$2,000 00
Secretary to Board of Engineers, Geo. H. Allen,		1,000 00
Nine Assistant Engineers, and engine men, drivers, and officers and members of the various engine, hook and ladder and hose companies,		88,938 30
Hose, hose pipes and couplings, caps and badges,		23,614 22
Repairs on the leading and suction hose, caps and badges,		8,804 01
	<hr/>	<hr/>
<i>Carried forward,</i>		\$119,356 53 \$1,100,497 92

<i>Brought forward,</i>	\$119,356 53	\$1,100,497 92
Repairs of engines, hose carriages, hook and ladder carriages and fuel wagons, including cost of runners,	5,507 74	
Ladders, crotch poles, rakes, axes, etc., purchase and repairs,	755 67	
Neatsfoot oil and leather preservatives for engine hose, sperm oil, fluids, etc.; for engines and lanterns,	1,151 48	
Fuel for the engines,	1,796 19	
Fuel for the houses,	1,615 07	
Gas,	1,632 92	
Furniture, bedding, stoves, etc.,	1,603 75	
Washing bed clothes,	624 78	
Purchase and exchange of horses,	1,100 00	
Grain, hay, straw, etc.,	5,970 10	
Harnesses, etc., including repairs,	785 73	
Shoeing horses,	1,348 83	
Hire of a pair of horses and a driver for Hook and Ladder No. 1 (eleven months),	1,375 00	
Hire of horses, pungs and extra drivers, on account of snow,	301 50	
Hire of horses to replace those sick and lame,	126 00	
Medical attendance and medicine for sick horses,	155 12	
Carting,	941 36	
Soap, sponge, and small supplies,	458 02	
Packing and waste,	175 05	
Stable furniture and tools,	332 78	
Fitting arch under the reservoir, Derne Street, for a store-room,	588 37	
Water rates,	549 50	
One hand and two horse hose carriages,	975 00	
Purchase of horse, wagon, harness, sleigh and robes, for Chief Engi- neer's use ; also keeping and shoeing,	1,065 99	
Care of reservoirs, including repairs,	124 00	
Hydrant signs,	37 98	
Damages — by firemen and apparatus,	283 19	
Refreshments for firemen July 4, '66,	300 00	
Refreshment for firemen at fires,	59 50	
Printing,	159 48	
Stationery, blank books and stamps,	135 00	
<i>Carried forward,</i>	\$151,391 63	\$1,100,497 92

<i>Brought forward,</i>	\$151,391 63	\$1,100,497 92
Expenses of Committee and Chief En- gineer to Manchester, Portland and New Bedford,	86 50	
Carriage hire,	66 00	
Expenses of committee,	80 50	
		151,624 63
<i>Amount paid by Treasurer, per item</i>		
No. 29 of his account,	\$151,609 34	
Add amount not yet called for,	15 29	
	<u>\$151,624 63</u>	

Hose House No. 1.

Cost of land purchased on Salem Street, for the purpose of erecting on the same a house for Hose Company No. 1, 2,000 00

Per item No. 36 of Treasurer's account.

CITY INCOME.

Fire Alarms.

From Superintendent : sale of old material, 30 29
Per item No. 96 of Treasurer's account.

Fire Department.

From Chief Engineer for the sale of old material, manure, etc., 788 50
Per item No. 97 of Treasurer's account.

CITY PROPERTY.

FIRE DEPARTMENT.

STEAM FIRE ENGINES. — Eleven, located as follows, viz : six in City proper, three at East and two at South Boston.

HORSE HOSE CARRIAGES. — Eight, located as follows, viz : six in City proper, one each in East and South Boston.

HAND HOSE CARRIAGE. — One at Washington Village.

HOOKS AND LADDERS. — Three Carriages, located as follows : two in City proper and one at East Boston.

HORSES. — Thirty-four.

FUEL WAGONS. — Two in Engine House, East Street, and one on Paris Street, East Boston ; one in Engine House, No. 2, at South Boston.

FIRE HOOKS. — Seven.

FIRE LADDERS. — Eighty-three, of different sizes.

HOSE. — About 28,000 feet of leading and suction.

STEAM FIRE ENGINE HOUSES. — Eleven, located as follows, viz : Broadway, near Dorchester Street ; Fourth, near K Street ; Washington, near Dover Street ; Scollay's Building ; Marion Street, E. B. ; Wall Street ; Purchase Street ; North Bennet Street ; Paris Street, E. B. ; Mount Vernon Street, corner of River ; Sumner, corner of Orleans Street.

HOSE CARRIAGE HOUSES. — Nine, viz: Salem Street; Hudson Street; Fruit Street; Northampton Street; Shawmut Avenue; Chelsea Street, E. B.; Warren Street; B Street; Washington Village.

HOOK AND LADDER HOUSES. — Three, viz: one on Harrison Avenue, corner of Wareham Street; one on Friend Street; and one on Summer Street, corner of Orleans, E. B.

SPARE APPARATUS. — One Steam Fire Engine; two Hand Engines; there is one Hose Carriage, with 400 feet of Hose, located on the Mill-dam. This hose is only used by the residents of that location.

RESERVOIRS. — One hundred and thirty-two, of which thirteen are located at East Boston, nineteen at South Boston, and the balance in the different Wards of the City. They contain from 300 to 400 hogsheads each, and are mostly supplied by rain water from the roofs of buildings. Sixty-five of these reservoirs are now connected with the Cochituate water pipes.

THE ENGINES, HOSE, CAPS, AXES, LADDERS, and all the other Apparatus used by the Fire Department, are owned by the City, and are under the care and control of the Chief Engineer of the Fire Department.

HYDRANTS. — For supplying water in cases of fire, 1,539, viz: in the City proper, 1,011; at South Boston, 332; at East Boston, 196,—an increase of 32, in all, over last year. The hydrants are located at an average distance of 250 feet from each other.

TELEGRAPHIC FIRE ALARMS.

The following property is in charge of the Superintendent:

MAGNETIC FIRE ALARM APPARATUS, in City Hall, the whole cost of which is over \$40,000.

WORKING LINES OF WIRE, about seventy miles.

SIGNAL BOXES, in use, seventy-nine.

STRIKING MACHINES, twenty-seven, one of which is not in use.

ENGINE-HOUSE ALARM GONGS, sixteen.

ENGINEERS' GONGS, seventeen.

CLOCKS. — One electric watch clock ; one repeating clock, for striking signals ; one do. for tapping-box signals.

MAGNETO-ELECTRIC MACHINES, for striking bells, two.

RELAY MAGNETS, twenty.

OFFICE BELLS, eleven.

STOCK AND FURNITURE. — One switch-board ; one large galvanometer, for alarm-battery ; one do., for testing purposes ; six small do., for signal batteries ; 2,000 feet new iron wire ; 600 insulators ; 50 iron brackets ; 2,000 lbs. zinc ; 1,000 lbs. sulphate of copper, 800 porous cups for batteries ; lot of old machinery and old iron, useless except for repairing other machinery, or to sell as old material ; office furniture, bedsteads, bedding and sundry other articles.