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AUDITOR'S

FIFTY-THIRD

UNIV. OF MICH.

FEB 24 1912

ANNUAL REPORT

OF THE

RECEIPTS AND EXPENDITURES

OF THE

CITY OF BOSTON,

AND THE

COUNTY OF SUFFOLK,

FOR THE FINANCIAL YEAR

1864-65.

MAY 1, 1864, TO (BOYH INCLUDED,) APRIL 30, 1865.

CITY DOCUMENT.—No. 60.



BOSTON:

J. E. FARWELL AND COMPANY, PRINTERS,

37 CONGRESS STREET,

1865.

AUDITOR'S REPORT.

FIRE DEPARTMENT.

	1863-64.	1864-65.
Department generally,	\$ 109,834 36	\$ 135,730 65
Fire Alarm,	11,921 78	12,299 74
Repairs Engine Houses,	4,869 77	7,146 92
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	\$ 126,625 91	\$ 155,177 31
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CITY EXPENDITURES.

ENGINE AND HOOK AND LADDER HOUSES.

Repairs on the various Houses, including cost of building a New Hook and Ladder and Hose House on Warcham Street, in addition to payments made on account of said House last year.

Mason's Work and Stock,	\$ 825 39	
Carpenter's Work and Stock,	3,015 28	
Painting and Glazing,	746 51	
Repairing Sidewalk and Paving in front of Houses,	123 61	
Plumbing and Copper Work,	365 71	
Gas Pipe and Fixtures,	144 06	
Plastering and Whitewashing,	263 13	
Iron Work and Iron Collars for Stable Stalls in Steam Fire Engine Houses, and repairing Stalls in Stables,	116 81	
Digging Cellars and Teaming,	742 00	
Drains,	778 95	
Window Shades and Fixtures,	10 00	
Hardware and nails,	15 47	
	<hr/>	7,146 92
<i>Per item No. 16. of Treasurer's account.</i>		

FIRE ALARMS.

Expense of carrying on the Telegraphic System of Fire Alarms, including payments made on account of the East and South Boston extensions, viz:—

FIRE ALARM DEPARTMENT PROPER.

Salary of Superintendent,	\$ 1,500 00	
Salary of Assistants,	6,229 82	
Instruments; repairs of same,	311 31	
Lumber and Carpenter's Work,	101 13	
Iron Brackets and Blacksmith- ing,	74 78	
Plumbing,	22 23	
Bedding and Washing same,	81 79	
	<hr/>	
<i>Amounts carried forward,</i>	\$ 8,321 06	\$ 613,587 84

<i>Amounts brought forward,</i>	\$ 8,321 06	\$ 613,587 84
Water used as a Motive Power,	65 00	
Mason Work,	7 25	
Damages. — Paid for repairing Tower of the Charles Street Church,	17 15	
Hardware and tools for Repairs,	66 67	
Printing and Stationery for office,	134 35	
Wire, and expenses on same,	476 56	
Carting,	31 76	
Omnibus fares, and small cash disbursements by persons con- nected with the Fire Alarm Department, not charged else- where,	48 35	
Paints, Oils, Painting and Glaz- ing Skylights, and other small damages occasioned by the Tel- egraphic Wires,	36 19	
Small supplies and Incidental ex- penses,	20 52	
Slating and repairing Damaged Roofs,	8 43	
Drugs and Chemicals,	325 59	
Signal Boxes and Keys for same,	289 10	
Zinc Castings	118 55	
Carriage Hire, and Incidental ex- penses of Committee,	57 74	
Tin Signs to designate place of deposit of Signal Box Keys,	37 35	
Office Furniture,	19 25	
<i>Total Expenditures for Fire Alarm Department, exclusive of East and South Boston Extensions,</i>	\$ 10,080 87	
EAST BOSTON EXTENSION. Balance of cost of extending a line to East Boston, the Alarm System having been but recently put in opera- tion in that locality, viz : —		

Amount carried forward,

\$ 613,587 84

<i>Amount brought forward,</i>		\$ 613,587 84
Wire,	64 68	
Brackets and Iron Work,	146 83	
One Cast Steel Bell, weighing 1,968 lbs.	629 76	
Labor,	333 63	
Tools,	17 16	
Carting,	37 98	
Signal Boxes,	202 65	
Laying Cable,	183 75	
Lumber and Carpenter Work,	61 03	
Signs for designating location of Keys of Signal Boxes,	115 00	
Hardware and Nails,	17 45	
Instruments,	71 25	
Tolls and small expenses	6 79	
<i>Total on account of East Boston } Extension,</i>	<u>\$ 1,887 96</u>	

SOUTH BOSTON EXTENSION. Expended this
year on this account, viz:—

Wire,	167 16
Signal Boxes,	163 75
<i>Total for the South Boston Ex- tension,</i>	<u>\$ 330 91</u>

RECAPITULATION.

Fire Alarm Department Proper,	\$10,080 87	
East Boston Extension,	1,887 96	
South Boston Extension,	330 91	
	<u>12,299 74</u>	
<i>Per item No. 20 of Treasurer's Account.</i>		

FIRE DEPARTMENT,

*Expenses of this Department, exclusive of the
Fire Alarm System, Engine and Repairs on*

<i>Amount carried forward,</i>	<u>\$ 625,887 58</u>
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FIRE DEPARTMENT.

49

<i>Amount brought forward,</i>		\$ 625,887 58
<i>Hook and Ladder and Hose Carriage Houses ; also exclusive of the Salaries of the Chief Engineer, and the Clerk of the Board of En- gineers, which are charged under the head of Salaries.</i>		
Annual compensation to the nine Assistant Engineers, and to the Officers and Members of the various Engine, Hook and Ladder, and Hose Companies,	\$ 72,593 49	
One new first-class Steam En- gine No. 6, and freight on same,	\$ 3,750 00	
Less credit for one old Engine,	1,000 00	
		2,750 00
One new Steam Engine Hose Carriage for the above,	250 00	
Repairs of Engines, Hose Car- riages, Hook and Ladder Carriages; Fuel Wagons, and other apparatus, exclu- sive of the Hose belonging to the Department,	11,720 43	
Paid for 5,564 feet new Lead- ing and Suction Hose,	10,373 26	
Grain, Hay, Meal, Straw, &c. for the Horses,	6,838 18	
Cost of connecting the Cochit- uate Water Pipes with 15 Reservoirs,	1,855 00	
Fuel for the Engine Houses,	2,737 66	
Two New Fuel Wagons,	338 00	
New Horses, and difference in exchange of old ones	1,255 00	
Fuel for the Steam Engines,	2,967 73	
New Hose Pipes and Coup- lings, Caps, and Badges,	2,152 53	
Repairs on the Leading and Suction Hose, Caps, Badges,		
<i>Amounts carried forward,</i>	\$ 115,831 28	\$ 625,887 58

<i>Amounts brought forward,</i>	\$ 115,831 28	\$ 625,887 58
and other work in that branch,	2,510 92	
Carriage Hire and Incidental Expenses of the Committee,	379 00	
Hire of Horses to draw the Engines and Hooks and Ladders to and from fires,	1,540 82	
Harnesses, and repairs on same,	1,251 41	
Furniture, Utensils, Bedding, &c. for Engine Houses,	1,726 09	
Shoeing Horses, and Medicine and attendance on sick horses,	1,080 83	
Gas for Engine Houses,	1,244 44	
Filling and cleaning Reservoirs,	316 75	
Expense of collecting apparatus after fires; and carting machines to and from workshops for repairs; and other miscellaneous expenses of the Department not charged elsewhere,	914 25	
New Whips,	26 90	
Water for the various Engine Houses,	527 00	
Washing Bedding,	518 26	
Warming Apparatus for Engine Houses,	479 48	
Iron Frames, and Iron and Wooden Covers for Reservoirs and Hydrants,	597 58	
Neatsfoot Oil and Leather Preservatives for Engine Hose; and Sperm Oil for the Engines,	279 63	
Stable Furniture, Hardware, Tools, and Utensils for the Stables and Engines,	547 29	
Ladders and Crotch Poles, —		
<i>Amounts carried forward,</i>	\$ 129,771 93	\$ 625,887 58

FIRE DEPARTMENT.

51

<i>Amounts brought forward,</i>	\$ 129,771 93	\$ 625,887 58
purchase of new and repairs of old,	893 61	
Soap and Sponge,	334 55	
Kerosene, Fluid, and Wicking for Torches,	421.77	
Packing and Cotton Waste for Steam Engines,	180 95	
Signs for Hydrants in Streets,	10 00	
New Lanterns and repairing old ones,	158 12	
Printing and Stationery for the Department,	291 78	
New Ropes for Hose Carriages,	149 19	
Refreshments furnished to members of the Department at large fires,	6 25	
Tallow, Wheel-grease, Rotten Stone, and sundry small items,	313 50	
Paid for Pistols and Ammunition for use of the Department, in anticipation of a disturbance during the excitement attending the Presidential Election,	434 00	
Clearing snow from Reservoirs, and Paving around same,	44 00	
Removing night soil,	16 00	
Medical attendance on a Fireman, injured while in the discharge of his duties,	5 00	
Total for Fire Department, exclusive of Fire Alarm Telegraph,		\$ 133,030 65
<i>Amount paid by Treasurer per item No. 19, of his account,</i>	\$ 132,925 37	
<i>Add amount not yet called for,</i>	105 28	
	<u>\$ 133,030 65</u>	
<i>Amount carried forward,</i>		\$ 758,918 23

FIRE DEPARTMENT.

George W. Bird, Chief Engineer,	\$ 1,700 00	
George H. Allen, Sec'y to Board of Engineers,	1,000 00	
		2,700 00

Amounts brought forward, \$81,920 80 \$3,539,622 82

The Salaries of Assistant Engineers, at \$ 250 per annum each, are charged to the appropriation for the Fire Department.

CITY INCOME.

FIRE DEPARTMENT.

Received from Chief Engineer for the sale of Old Hose, &c.	152 07
<i>Per item No. 81 of Treasurer's account.</i>	

CITY PROPERTY.

CITY BUILDING, corner of Court Square and Williams Court, covering about 2,035 feet of land. This Building is occupied by the Second Police Station; the Chief Engineer of the Fire Department; the Magnetic Telegraph Fire Apparatus and attendants; Superintendent of Lamps; City Physician; and is also used as a Ward Room for the Citizens of Ward Four, on Election Days.

STATION HOUSES, viz:—

No. 6. Brick House, Broadway, South Boston. This building also accommodates Engine Company No. 2.

FIRE DEPARTMENT.

STEAM FIRE ENGINES. — Ten, located as follows, viz: six in City proper, two 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 CARRIAGES. — One at Washington Village.

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

HORSES. — Thirty-one.

FUEL WAGONS. — Two in Engine-house, East Street, and one on Paris Street, East Boston; one in Engine-house No. 1; one in Engine-house No. 2, at South Boston.

FIRE HOOKS. — Nine.

FIRE LADDERS. — Eighty-eight of different sizes.

HOSE. — About Eighteen Thousand Feet of Leading and Suction.

STEAM FIRE ENGINE HOUSES. — Ten, 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. ; Foot of Mount Vernon 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 Paris Street, E. B.

SPARE APPARATUS. — Two Steam Fire Engines ; one Hook and Ladder Carriage ; three Hand Engines ; about Eight Hundred feet of three-inch Leather Hose. There is one Hose Carriage, with Four Hundred feet of Hose, located on the Milldam. 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.

A NEW ENGINE, HOOK AND LADDER HOUSE is being built on the corner of Sumner and Orleans streets, East Boston. The cost of the Lot, containing four thousand feet, was twenty-six hundred dollars; and contracts for a Building have been entered into, for about fifteen thousand dollars.

HYDRANTS. — For supplying water in case of fire, 1,469, viz: in the City proper, 965; at South Boston, 317; at East Boston, 188, an increase of 1 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 the City Building, the whole cost of which is over \$ 40,000.

WORKING LINES OF WIRE, about seventy miles.

SIGNAL BOXES, in use, seventy-three.

STRIKING MACHINES, twenty-eight, four of which are not in use.

ENGINE-HOUSE ALARM GONGS, fifteen.

ENGINEER'S 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, fifteen.

OFFICE FURNITURE. — One Switch-Board, one large Galvanometer, for Alarm Battery, six small do. for Signal Batteries; 5,000 feet new Iron Wire; 600 Insulators;

100 Iron Brackets; 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, as per Schedule on file in the Auditor's office.