

ANNUAL REPORT  
OF THE  
CITY AUDITOR  
OF THE  
RECEIPTS AND EXPENDITURES

352113

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

FOR THE FINANCIAL YEAR

1886-87.

(No. 75 OF THE SERIES.)

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MAY 1, 1886, TO APRIL 30, 1887.  
(BOTH INCLUDED.)

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CITY DOCUMENT NO. 85.

BOSTON:  
ROCKWELL AND CHURCHILL, CITY PRINTERS,  
NO. 39 ARCH STREET.  
1887.

## AUDITOR'S REPORT.

ENGINE-HOUSE AND POLICE STATION, BOYLSTON STREET. — These buildings are situated at the corner of Hereford street. The engine-house, which is nearly completed, accommodates an engine and ladder company ; adjoining is the police-station, which is three stories in height, containing 14 cells in basement, first and second stories being devoted to office, guard-room, dormitories, etc., the entire upper floor being used for a drill hall. The contractors for the engine-house are : masonry, Donahue Bros. & Co. ; carpentry, Creesy & Noyes. Contractors for the police-station are : masonry, Donahue Bros. & Co. ; carpentry, W. J. Jobling.

ENGINE-HOUSE, situated on Monument street, Charlestown, accommodates an engine and ladder company ; the outside of the building is constructed of brick, with freestone trimmings. The contractors for the work are as follows : masonry, O'Sullivan Bros. ; carpentry, John McNamara.

### CITY INCOME.

#### *Fire Department.*

Rents of tenements in engine-houses,	\$986 04	
Sale of manure,	381 50	
Sale of old material,	263 34	
Services of engines,	212 00	
Sale of hose,	196 99	
Rebate on gas,	152 63	
Licenses for sale of powder and fireworks,	43 00	
	<hr/>	2,235 50

*Per item No. 26 of Collector's account.*

#### *Fire-Alarm Telegraph.*

Sale of old material,	23 55
<i>Per item No. 27 of Collector's account.</i>	

### CITY PAYMENTS.

#### *Fire Department.*

*Payments for this Department, including inside repairs on houses.*

Salaries : — Henry W. Longley, Com., to May 3, 1886,	\$266 67	
Robert G. Fitch, Com., from May 3, 1886,	2,964 91	
William A. Green, Com.,	3,231 58	
John E. Fitzgerald, Com., to Aug. 1, 1886,	1,004 74	
John R. Murphy, Com., from Aug. 18, 1886,	2,087 16	
Frederick W. Smith, Jr., clerk,	1,990 67	
L. P. Webber, Chief Engineer,	3,231 58	
District Engineers and Inspectors,	19,307 73	
Call Engineers, enginemen, assistant enginemen and drivers, and officers and members of the various engine, hook-and-ladder, and hose companies,	471,865 29	
Clerks in office,	4,187 72	
Pensioners,	1,905 00	
Extra service men,	266 97	
	<hr/>	\$512,310 02
<i>Carried forward,</i>	\$512,310 02	<hr/> \$3,232,621 18

<i>Brought forward,</i>		\$512,310 02	\$3,232,621 18
Horses : —			
Hay, grain and straw —			
Hosmer, Crampton, & Hammond,	\$6,927 19		
A. T. Peckham & Co.,	4,241 97		
Hathaway & Woods,	3,793 39		
M. Judd,	1,007 13		
Cressey & Noyes,	675 14		
Crockett Bros. & Sanborn,	439 00		
Stephen M. Grant,	167 22		
T. H. O'Neil,	142 82		
Sundry parties,	29 51		
	<hr/>	\$17,423 37	
Shoeing : —			
William M. Allen,	\$67 62		
W. W. Blackett,	254 29		
William Brock,	194 18		
Michael Collins, Jr.,	54 25		
M. W. Costello,	124 25		
Henry Crane,	63 03		
John E. Curry,	247 92		
E. Doherty,	312 89		
A. S. Foss,	158 08		
A. W. Hamilton,	203 25		
J. A. Hersey,	63 00		
William Killion,	89 23		
D. A. McCloskey,	81 00		
Daniel McCormack,	65 60		
James F. McIntosh,	98 97		
Andrew McKenna,	64 50		
John McNeill,	384 49		
McVay & Crowley,	125 37		
George L. Mitchell,	80 50		
J. J. Morris,	82 38		
M. M. Morris,	84 85		
D. F. Mulvaney,	142 12		
Mulvaney & Goode,	69 87		
O'Neil & Moley,	69 56		
William R. Priest,	149 16		
A. Ramsay,	193 93		
John Roach,	254 34		
J. Scannell & Son,	76 50		
William F. Shattuck,	78 91		
John L. Stuart,	128 48		
John Thomas,	127 56		
Very & Co.,	221 29		
Reuben Weeks,	56 00		
Charles White,	113 94		
James Wilson,	101 20		
William Woods,	79 16		
Sundry parties,	302 57		
	<hr/>	5,064 24	
Purchase and exchange of : —			
W. F. Bowler,		1,250 00	
Harnesses and repairs : —			
Ordway, Kimball, & Loring,	\$826 29		
Hayman Bros.,	250 99		
M. J. Ward,	247 70		
Thomas Kelly & Co.,	128 80		
John H. Fuller,	52 80		
	<hr/>		
<i>Carried forward,</i>	\$1,506 58	\$23,737 61	\$512,310 02 \$3,232,621 18

<i>Brought forward,</i>	\$1,506 58	\$23,737 61	\$512,810 02	\$3,232,621 18
Repair-shop,	88 90			
Sunday parties,	88 08			
	<hr/>	1,678 56		
Medical attendance and medicine,		165 54		
Horse-hire,		5 00		
		<hr/>	25,586 71	
Repairs of apparatus, including stock sent to repair-shop:—				
Mechanics,	\$16,228 94			
Atlantic Works,	477 99			
Tremont Foundry Co.,	358 59			
J. H. McCafferty & Co.,	287 20			
Charles Richardson & Co.,	270 06			
Brown, McClure, & Co.,	224 15			
James Russell & Sons,	219 00			
F. B. Austin & Co.,	206 82			
Scrannage Bros. & Cook,	181 78			
P. F. McDonald,	164 21			
J. D. Tuttle,	141 70			
Dodge, Haley, & Co.,	140 78			
Wiley & Richardson,	138 00			
A. J. Wilkinson & Co.,	134 85			
Boston Forge Co.,	129 06			
Archibald Wheel Co.,	129 00			
Henry J. Winde,	110 82			
Silsby M'fg Co.,	100 00			
Riddle Bros.,	92 02			
Walworth M'fg Co.,	77 79			
Joseph F. Paul & Co.,	72 26			
Woodburn Sarven Wheel Co.,	66 03			
New Haven Wheel Co.,	63 00			
Gardner & Chandler,	56 00			
Manchester Locomotive works,	50 30			
Charles G. Reed,	50 05			
Sundry parties,	942 42			
	<hr/>	\$21,112 32		
Less amount transferred to other items,		6,952 13		
		<hr/>	14,160 19	
Fuel for houses,	\$7,171 44			
Fuel for engines,	1,396 94			
	<hr/>		8,568 38	
Repairs of houses:—				
Repair-shop, labor, and materials,	\$6,562 63			
Proctor & Drummey,	221 73			
John S. Jacobs,	196 27			
Joseph F. Paul & Co.,	141 54			
Curtis & Pope,	130 48			
F. M. Hines,	128 90			
Dalton & Ingersoll,	127 94			
Frank Durkee,	115 07			
Page, Harding, & Co.,	73 49			
A. M. Stetson & Co.,	59 47			
Sundry parties,	563 19			
	<hr/>		8,820 71	
Gas,			6,225 67	
Furniture and bedding:—				
Childs & Lane,	\$236 49			
Needlewoman's Friend Society,	230 00			
	<hr/>			
<i>Carried forward,</i>	\$466 49	\$575,171 68	\$3,232,621 18	

## FIRE DEPARTMENT.

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<i>Brought forward,</i>	\$466 49	\$575,171 68	\$3,232,621 18
A. L. Haskell & Son,	186 19		
Dover Stamping Co.,	118 50		
O. Lappen & Co.,	112 50		
Ezra Hawkes,	101 57		
F. M. Holmes Furniture Co.,	95 60		
Noyes M'fg Co.,	90 00		
Perkins Institution for the Blind,	64 80		
C. M. Clapp & Co.,	50 00		
Sundry parties,	349 55		
	<hr/>		
	\$1,635 20		
Washing,	3,031 46		
	<hr/>	4,666 66	
Hose and repairs : —			
Repair-shop,	\$1,203 00		
American Fire-Hose Manufacturing Co.,	502 75		
M. J. Ward,	340 42		
C. Callahan,	180 00		
A. J. Morse & Son,	70 00		
Sundry parties,	65 08		
	<hr/>	2,361 25	
Oils and fluids for engines and lanterns, tools, machinery, and supplies : —			
Repair-shop,	\$218 38		
O. Lappen & Co.,	176 50		
John A. Nowell,	135 36		
A. J. Wilkinson & Co.,	129 76		
Downer Kerosene Oil Co.,	120 35		
Putnam Machine Co.,	104 80		
Sherburne & Co.,	101 75		
S. P. Blackburn & Co.,	101 03		
Rand & Byam,	98 25		
Adams & Harrington,	91 55		
Thomas Earl,	87 00		
Robert Bishop,	85 00		
George P. Palmer,	64 38		
Frye, Phipps, & Co.,	57 19		
Consens & Pratt,	51 78		
Eagle Chemical Co.,	49 20		
Sundry parties,	642 18		
	<hr/>	2,309 46	
Water-rates,		1,339 50	
Rents,		1,303 00	
Printing,		1,033 61	
Chemicals,		555 19	
Rations for boat's crew,		420 00	
Ice,		396 47	
Stationery,		391 85	
Watering streets,		387 55	
Hats, badges, and buttons : —			
Scovill M'fg Co.,	\$102 61		
Charles West,	87 60		
M. J. Ward,	37 95		
Sundry parties,	119 83		
	<hr/>	347 99	
Damages,		311 65	
New apparatus : —			
Six Extinguishers,	\$192 00		
Three Sleighs,	107 00		
	<hr/>	299 00	
<i>Carried forward,</i>		\$591,294 86	\$3,232,621 18

<i>Brought forward,</i>	\$591,294 86	\$3,232,621 18
Electric lighting,	234 65	
Expenses of detailed men,	146 30	
Freights,	95 72	
Repairs of hydrants,	84 22	
Travelling expenses of Commission,	79 20	
Tolls and small items,	25 35	
Refreshments for men at fires,	20 90	
Hydrants and reservoirs: — for use of water at fires,	91,217 60	
<b>Total,</b>	<b>\$683,198 80</b>	

## FIRE-ALARM TELEGRAPH.

*Payments for carrying on the Telegraph System of Fire-Alarms and care of Bells and Clocks.*

Salaries to April 28, 1887, inclusive: — Brown S. Flanders, Superintendent,	\$3,011 56	
Operators and repairers,	21,204 13	
		\$24,215 69

## Instruments and repairs: —

Tooker Fire-Alarm and Improvement Co.,	\$840 00	
Ganewell Fire Telegraph Alarm Co.,	352 00	
Phoenix Glass-Works,	184 65	
Moses G. Crane,	116 40	
Fernyear & Razee,	112 57	
Sundry parties,	150 77	
		1,756 89

## Wire: —

Eastern Electric Cable Co.,	\$643 83	
Ansonia Brass & Copper Co.,	249 25	
E. S. Greeley & Co.,	241 37	
American Electrical Works,	47 04	
Albert L. Russell,	6 00	
		1,187 49

## Repairs and alterations: —

Proctor & Drummey,	\$307 77	
T. J. Herring,	113 37	
James A. King,	42 50	
Sundry parties,	197 05	
		660 69

## Tools, hardware, and general supplies: —

Frye, Phipps, & Co.,	\$246 28	
Charles Richardson & Co.,	135 93	
New England Pottery Co.,	73 33	
Sundry parties,	135 09	
		590 63

Harvard University, for furnishing correct time,	400 00	
Chemicals,	323 84	
Car-fares and tolls,	283 47	
Electric light for clock, East Boston,	233 35	
Damages,	199 94	
Poles,	153 00	
Printing,	140 03	
Shoeing horses,	116 24	
Gas for and care of illuminated clock, Williams Market,	100 00	
Repairs of clocks,	92 06	

*Carried forward,*

**\$30,452 82    \$3,232,621 18**

<i>Brought forward,</i>	\$80,452 82	\$3,282,621 18
Care of clocks and use of bells in West Roxbury and Brighton Districts,	50 00	
Stationery,	30 87	
Washing,	16 25	
Telephone rental,	15 00	
Total,	<u>\$30,564 94</u>	
RELIEF OF DISABLED FIREMEN, ETC.		
Amount paid Ella D., widow of William H. Flavell, killed Nov. 25, 1886,	<u>\$3,000 00</u>	

#### RECAPITULATION.

Fire Department,		
<i>Per item No. 116 of Treasurer's account,</i>	\$683,198 80	
Fire-Alarm Telegraph,		
<i>Per item No. 117 of Treasurer's account,</i>	30,564 94	
Relief of Disabled Firemen, etc.,		
<i>Per item No. 179 of Treasurer's account,</i>	<u>3,000 00</u>	716,763 74

#### ENGINE-HOUSE AND SITE, BRIGHTON.

*Payments for a site for an engine-house on Webster avenue and Waverley street, Brighton,*

\$1,159 20

#### ENGINE-HOUSE, CHARLESTOWN.

*Payments on account of building an engine-house on Monument street, Charlestown.*

Contractors:—

Masonry, O'Sullivan Bros., \$5,800 00

Carpentry, John McNamara, 4,000 00

Inspectors:—

F. J. Kelley, \$984 00

J. H. Logue, 304 00

Dennis Kelley, plumbing, 196 00

J. J. Donovan, roofing and metal-work, 112 00

1,596 00

Architects' assistants,

1,513 39

Copper-work, E. Marley & Bros.,

994 00

Freestone, Dugan & Rutherford,

961 25

Roofing and snow-guards, J. M. Riley,

905 00

Lathing and plastering, T. F. Lyons,

850 00

Brick, C. S. Hursh,

784 65

Painting, John McNamara,

\$662 50

W. C. Stinson,

106 00

768 50

Engineer, watchman, and labor,

698 00

Ventilation-pipes, register-boxes, etc., P. H.

Costello,

659 00

Magneso-Calcite Fire-proofing,

625 00

Cut granite, Robert McLaughlin,

860 00

*Carried forward,*

\$20,514 79 \$9,847,219 51

<i>Brought forward,</i>	\$20,514 79	\$9,847,219 51
Gas-piping, J. F. Dalton,	125 00	
Advertising,	103 91	
Pump and hose,	72 75	
Fuel,	62 55	
Printing,	26 03	
Tools and hardware,	23 07	
Total,	<u>\$20,928 10</u>	

#### ENGINE-HOUSE NO. 6, SITE FOR.

*Payments for a site for an engine-house on Leverett street,*

\$21,750 00

**ENGINE-HOUSE, SARATOGA STREET.***Balance of payments for building an engine-house on Saratoga street.*

(Total cost of building and land \$27,599.45).

**Contractors : —**

Masonry, R. R. Mayers & Co.,	\$2,322 50
Plumbing, John P. Santry,	980 00
Painting and glazing, W. C. Stinson,	670 56
Carpentry, E. Shapleigh,	468 41
Watchman and engineer,	413 30
Iron-work, Chelmsford Foundry Co.,	290 00
Asphalt floor, Simpson Bros.,	245 28
Hardware and tools, J. B. Hunter & Co.,	147 76
Gas-fixtures, J. F. Dalton,	123 90
Heating-apparatus, Ingalls & Kendrickken,	90 72
Inspector, F. B. Bogan,	\$83 33
Car-fares,	4 12
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	87 45
Fuel and small items,	40 85

Total,	<hr/>	\$5,880 73
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**FIRE-DEPARTMENT BUILDING, BOYLSTON STREET.***Continuation of payments on account of building an engine and hook-and-ladder house, corner of Boylston and Hereford streets.***Contractors : —**

Carpentry, Creesy & Noyes,	\$5,573 93
Masonry, Donahue Bros. & Co.,	3,082 54
Freestone, W. J. Sullivan,	2,470 00

**Inspectors : —**

J. H. Ryan,	\$860 00
F. B. Bogan,	227 50
Dennis Kelley, plumbing,	240 00
J. J. Donovan, roofing and metal-work,	59 50
	<hr/>
	1,387 00

Plumbing, James Barrett,	1,185 00
Magneso Calcite Fire-proofing,	1,145 00
Lathing and plastering, J. H. Davis,	1,010 50
Roofing, J. Farquhar's Sons,	998 50
Iron-work, Chelmsford Foundry Co.,	946 00
Brick, C. S. Hursh,	938 84
Gutters, conductors, etc., S. D. Hicks & Son,	755 46
Iron drain-pipe, James Barrett,	675 00
Ventilating, P. H. Costello & Co.,	666 63
Architect's assistants,	437 24

<i>Carried forward,</i>	<hr/>	\$21,271 64	<hr/>	\$9,347,219 51
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***Brought forward,***

Painting, Peter J. Hughes,	\$21,271 64	\$9,347,219 51
Engineer, watchman, and labor,	367 00	
Asphalt floor in stable, Simpson Bros.,	299 00	
Cut granite, Lewis D. Gumb,	278 73	
Snow-guards, J. H. Hiller,	157 00	
Wheelbarrow, hose, and small items,	110 60	
Fuel,	90 90	
Stone-work,	64 35	
	55 90	

Total,	<hr/>	\$22,695 12
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DEPARTMENT EXPENSES.

Fire Department, Exclusive of repairs on buildings.							Fire-Alarm Departm't.
Year.	Amount.	Apparatus in service, including Fire-boat, since 1872-73.				Men.	Amount.
		S.E.	H.C.	C.E.	H.&L.		
1867-68	\$180,218 46	14	13	. . .	4	281	\$23,998 67
1868-69	229,047 43	14	13	. . .	4	358	140,741 91
1869-70	286,275 29	21	15	. . .	7	389	24,837 67
1870-71	333,891 00	21	14	. .	7	466	51,964 00
1871-72	399,249 63	21	17	. . .	7	472	42,763 89
1872-73	605,310 90	22	16	. . .	7	475	40,507 00
1873-74	591,640 27	28	13	1	11	650	51,092 49
1874-75	591,848 35	29	12	5	11	650	35,258 25
1875-76	564,275 49	29	11	5	11	668	21,497 61
1876-77	560,062 76	29	11	7	11	660	30,267 97
1877-78	550,116 19	29	11	7	11	630	20,627 38
1878-79	545,838 45	29	11	7	11	620	19,427 11
1879-80	545,251 40	29	11	7	11	620	18,959 33
1880-81	573,855 77	29	11	7	12	630	22,527 59
1881-82	540,408 90	29	11	7	12	651	22,411 47
1882-83	560,482 75	29	11	7	12	658	24,674 18
1883-84	602,640 97	32	10	6	13	694	30,029 13
1884-85	660,577 81	32	10	6	14	686	32,000 00
1885-86	660,259 07	32	10	6	14	687	30,265 00
1886-87	674,878 69	32	10	7	14	689	30,564 94

CITY PROPERTY.

SCHOOL-HOUSES.

Old Engine-house . . . . .	Cahot st. . . . .	4,000	} Buildings turned over to this Department, as they are not wanted for fire or school purposes any longer.
Old Hose-house . . . . .	Main st. . . . .	1,592	
Pierpont School-house . . . .	Hudson street . .	4,216	
Guild School-house . . . . .	East st. . . . .	7,250	

Mather . . . . .	Meeting-house Hill . . . . .	132,500	1872	10 and hall.	Engine-house No. 17 and H. & L. House, No. 7, and old Mather School- house on this lot.
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POLICE STATION-HOUSES.

Lock-up . .	Centre st., W. Roxbury . .	1,628	In old Engine-house.
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25 horses and equipments; 8 police ambulances; 8 open wagons; 8 wagons for conveying prisoners.

TELEGRAPHIC APPARATUS AND TELEPHONES, connecting all the stations with the Superintendent's Office, at 7 Pemberton square.

### FIRE DEPARTMENT.

*The following property is in charge of the Board of Commissioners of the Fire Department:—*

#### ENGINE-HOUSES.

	Location.	No. of feet in lot.	Remarks.
No. 1 . . .	Dorchester st. . . . .	5,098	Addition built, 1874. Municipal Court, South Boston, two classes, Bigelow School, and Ward-room 15 in this building.
2 . . .	East Fourth st, cor. O . . .	4,000	
3 . . .	Bristol st. and Harrison ave..	4,000	H.-&L. No. 3 in this building.
4 . . .	Bulfinch st. . . . .	6,098	Chemical Engine No. 1, Water Tower, and Lancers' Armory, in this building.
5 . . .	Marion st., E.B. . . . .	1,647	
6 . . .	Wall st. . . . .	1,372	
7 . . .	East st. . . . .	1,893	
8 . . .	Salem st. . . . .	2,668	
9 . . .	Paris st., E.B. . . . .	4,000	
10 . . .	River st. . . . .	1,886	
11 . . .	Sumner st., E.B. . . . .	4,010	Remodelled, 1870. Hook & Ladder No. 2 in this building.
12 . . .	Dudley st. . . . .	7,627	Formerly occupied by H. & L. Co. 4.
13 . . .	Cabot st. . . . .	4,832	Remodelled, 1870.
14 . . .	Centre st. . . . .	5,713	
15 . . .	Dorchester avenue . . . .	2,843	
16 . . .	River st., Dorchester Dist. .	12,736	H.-&L. No. 6 in this building.
17 . . .	Meeting-House Hill, " . . .	10,225	One lot with Mather School-house.
18 . . .	Harvard st., " . . .	7,683	Old Engine-house on this lot.
19 . . .	Norfolk st., " . . .	9,000	
20 . . .	Walnut st., " . . .	9,355	
21 . . .	Boston st., " . . .	4,463	
22 . . .	Dartmouth st. . . . .	3,445	
23 . . .	Northampton st. . . . .	4,186	
24 . . .	Cor. Warren and Quincy sts.	4,176	H.-&L. No. 8, H. & L. No. 14, and Hose and Harness shop in this building.
25 . . .	Fort Hill square . . . . .	5,623	
26 . . .	Mason st. . . . .	2,600	
27 . . .	Elm st., Charlestown Dist. .	10,377	H.-&L. No. 10 in this building.
28 . . .	Centre st., W. Roxbury Dist.	14,358	H.-&L. No. 11 in this building.
29 . . .	Chestnut-Hill ave., Brighton, Dist. . . . .	16,275	
30 . . .	Mt. Vernon street, West Roxbury Dist. . . . .	8,188	
32 . . .	Bunker Hill st., Charlestown.		

#### CHEMICAL ENGINE-HOUSES.

	Location.	No. of feet in Lot.	Remarks.
No. 2 . . .	Church st. . . . .	3,412	Ward-room 11 in this building.
3 . . .	Cor. Longwood and Brookline avenues . . . . .	5,400	
4 . . .	Poplar st., cor. Washington, West Roxbury . . . . .	14,729	
5 . . .	Washington st., between Atherton and Beethoven .	3,848	
6 . . .	Harvard ave., Brighton . .	6,112	
7 . . .	Cor. Saratoga and Byron sts.,	10,000	

## HOSE-HOUSES.

	Location.	No. of feet in lot.	Remarks.
No. 3 . . .	Winthrop st. . . . .	5,230	Charlestown.
4 . . .	Corner Bunker Hill and Tufts sts. . . . .	830	"
6 . . .	Shawmut ave. . . . .	889	
6 . . .	Chelsea st. . . . .	1,346	
7 . . .	Tremont st. . . . .	4,350	H. & L. No. 12 in this building.
8 . . .	North Grove st. . . . .	3,918	
9 . . .	B st. . . . .	1,804	
10 . . .	Dorchester st., Washington Village . . . . .	1,610	
12 . . .	East Fourth st. . . . .	3,101	

## HOOK-AND-LADDER-HOUSES.

	Location.	No. of feet in lot.	Remarks.
No. 1 . . .	Friend st. . . . .	1,676	
4 . . .	Cor. Winslow and Dudley sts.	3,923	
5 . . .	West Fourth st. . . . .	2,469	
7 . . .	Meeting-house Hill . . . . .		On lot with Mather School-house.
9 . . .	Main st., Charlestown . . . . .	4,290	Hose No. 1 in this building.
13 . . .	Washington st., near Dover .	1,007	

## MISCELLANEOUS.

	Location.	No. of feet in lot.	Remarks.
Repair-shop . . . . .	Albany st. . . . .	20,547	{ Fire Dept. Repair-shop. Fire-Alarm Telegraph Re- pair-shop.
Stable and Storehouse .	Bristol st. . . . .		
Fuel-house . . . . .	Salem st. . . . .	417	
H. & L. house . . . . .	Eustis st. . . . .	1,754	Unoccupied.
Fuel-house . . . . .	Main st. . . . .	2,430	Upper part leased to Post 149, G.A.R., from April 1, 1886, to April 1, 1889.
Engine-house . . . . .	Centre st. . . . .	1,628	Lock-up in this building.

**STEAM FIRE-ENGINES.** — Thirty-one in service, located as follows: nine in city proper; three in East Boston; three in South Boston; five in Roxbury District; six in Dorchester District; two each in Charlestown and West Roxbury Districts; and one in Brighton District.

**FIRE-BOAT.** — One; located India Wharf.

**HORSE HOSE CARRIAGES AND WAGONS.** — Thirty-six, located as follows, viz.: twelve in city proper; three in East Boston; five in South Boston; five in Roxbury District; three in Dorchester District; five in Charlestown District; two in West Roxbury District; and one in Brighton District; seventeen of which are located in engine-houses.

**HOOK-AND-LADDER CARRIAGES.** — Fourteen in service, located as follows, viz.: five in city proper, including two Hayes Extension-Ladder trucks; one in East Boston; two in Roxbury District; one in South Boston; two in Dorchester District; one each in Charlestown, West Roxbury, and Brighton Districts; and Aerial Ladder in the city proper.

**CHEMICAL ENGINES.** — Seven in service, self-acting, located as follows: two in the city proper; one in East Boston; one in Roxbury district; two in West Roxbury District; and one in Brighton District.

**WATER-TOWER.** — Located in the city proper.

**PORTABLE EXTINGUISHERS.** — Carried on four of the Hook-and-Ladder Carriages.

**HORSES.** — One hundred and seventy-one.

**FUEL-WAGONS.** — Twenty-four, each capable of conveying about two tons, to be used in case of large fires, when more fuel is needed than is carried on the engines.

**WAGONS.** — Ten engineers', four supply (two in service and two in reserve), and two commissioners' buggies.

**PUMPS.** — Forty; thirty-six for carrying hose, two for jobbing, and two for Fire-alarm branch. Engineers' sleighs, five.

**FIRE-LADDERS.** — Two hundred and eighty-two of different sizes; one aerial ladder, and nine patent Bangor ladders.

**HOSE.** — About 70,000 feet of leading, and 1,000 feet suction.

**SPARE APPARATUS.** — Seven Steam Fire-Engines, known as Relief A, B, C, D, E, F, and G, and one small Hose Jumper at Deer Island, and 700 feet of rubber and cotton hose; also one Hose-Carriage in Engine-house No. 25, with 650 feet of  $2\frac{1}{2}$ -inch hose, and one at Apparatus Repair-shop, with 800 feet of hose; one in building owned by O. Nawn, on Nawn street, with 400 feet of  $2\frac{1}{2}$ -inch hose; also one Hand-Engine at the house of Hose 7, Tremont street, Four Hose-Carriages, known as Relief A, B, C, and D. One Hook-and-Ladder Carriage, Relief A. Two Chemical Engines.

**RESERVOIRS.** — Two hundred and thirty-eight, of which thirteen are located at East Boston; eighteen at South Boston; forty-one in Roxbury District; eleven in the Dorchester District; thirty-eight in Charlestown District; nineteen in West Roxbury District; three in Brighton District, and the balance in the different wards of the city proper. They contain from 15,000 to 55,000 gallons each, and are supplied with Cochituate and Mystic water, except in West Roxbury and Brighton Districts.

**REPAIR-SHOP.** — In the repair-shop, one 15 horse-power steam-engine, cylinder 9 by 31 inches, Putnam Machine Co.; one 20 horse-power upright tubular boiler; one 26-inch by 26-inch iron planer, 8-ft. table, 12-ft. bed; one 24-inch swing engine-lathe, 10-ft. bed; one 16-inch swing engine-lathe, 9 $\frac{1}{2}$ -ft. bed; two 14-inch swing engine-lathes, 6-ft. bed; one 13-inch swing hand-lathe, 7 $\frac{1}{2}$ -ft. bed; one 13-inch swing hand-lathe, 9-ft. bed; one No. 2 upright drill; one Sturtevant Pressure Blower; three blacksmith's forges; one furnace for heating tires; together with numerous smaller tools and appliances, and also tools for repairing hose and harness.

**THE ENGINES, HOSE, HATS, AXES, LADDERS,** and all the other apparatus used by the Fire Department, are owned by the city.

**HYDRANTS.** — For supplying water in cases of fire, 5,023, viz.: in the city proper, 1,380; in South Boston, 335; in East Boston, 335; in Roxbury District, 863; in Dorchester District, 873; in West Roxbury District, 481; in Brighton District, 287; in Charlestown District, 253; and 16 on Deer Island. The hydrants are located at an average distance of 250 feet from each other.

#### TELEGRAPHIC FIRE-ALARM.

Magnetic Fire-alarm Apparatus, the whole cost of which is about \$100,000. Working Lines of Wire, about 365 miles; Signal Boxes in use, 361; Striking Machines, 38; Gongs, 107; Box gongs, 39; Tappers, 32; Vibrators, 4; Clocks; one electric Watch-clock; two repeating Three-dial Clocks for striking signals; one Magneto-Electric Machine; Relays, 65; Eighteen-Pen Registers, 2; Office Bells in use, 5; Telegraph Keys in use, 36; Telephones in use, 63; 1 Switch-board; 87 Galvanometers; 2 portable Rheotrope; 1 Chronometer; 1 set telegraphic apparatus in Superintendent's house; 8 sets telegraphic apparatus in assistants' houses; 1 repeating instrument from West Roxbury,

and one from Charlestown, not in use; 1,866 battery-cups in use at Central office; 50 cups dry battery in house of Engine No. 15; 60 do. in house of Engine No. 25; 80 do. in house of Engine No. 9; 50 do. in house of Engine No. 10; 50 do. in house of Engine No. 14; 50 do. in house of Engine No. 23; 318 spare battery-cups; 1,000 lbs. sulphate of copper; 390 lbs. zinc; 294 battery-coppers; brackets; wire; insulators, etc., office furniture, bedsteads, bedding, and sundry articles; Brighton Abattoir whistle machine.

## BELLS OWNED BY THE CITY.

Location.	Material.	W'g't in Lbs.
<i>City Proper.</i>		
Old Franklin School-house, Washington St., near Dover St.,	Composition.	818
Castle-street Church, Washington Street, cor. Motte Street.	"	1,700
Dean School-house, Wall Street . . . . .	"	712
Everett School-house, Northampton Street . . . . .	"	1,501
Faneuil Hall . . . . .	Steel.	5,816
Hancock School-house, Parmenter Street . . . . .	Composition.	4,090
Old South Meeting-house Washington Street, cor. Milk Street,	"	1,200
Phillips School-house, Anderson Street, cor. Pinckney Street,	"	900
Quincy School-house, Tyler Street . . . . .	"	2,941
Rice School-house, Appleton Street . . . . .	"	3,042
Wells School-house, Blossom Street . . . . .	"	1,675
<i>Charlestown.</i>		
Bunker-Hill School-house . . . . .	Composition.	2,009
City Hall . . . . .	"	3,600
Rubber Factory . . . . .	"	999
Warren School-house . . . . .	"	3,000
Winthrop (Old) School-house . . . . .	"	3,000
<i>East Boston.</i>		
Adams School-house, Webster Street . . . . .	Steel.	2,995
Chapman School-house, Eutaw Street . . . . .	"	3,109
Engine-house No. 11, Orleans Street . . . . .	Composition.	817
Princeton-street School-house . . . . .	"	2,470
Saratoga-street M.E. Church . . . . .	Steel.	1,968
<i>South Boston.</i>		
Engine-house No. 1, Dorchester . . . . .	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>		
Walpole-street School-house . . . . .	Composition.	2,966
George-street School-house . . . . .	"	4,160
Hook-and-Ladder house No. 4, Dudley Street . . . . .	"	3,509
Lewis School-house . . . . .	"	3,104
Smith-street School-house . . . . .	"	4,083
<i>West Roxbury.</i>		
Chemical Engine-house No. 4, Roslindale . . . . .	Composition.	400
Chemical Engine-house No. 5, Kgleston Square . . . . .	"	400
Engine-house No. 28, Centre Street . . . . .	"	4,000
Engine-house No. 30, Mt. Vernon Street . . . . .	Steel.	1,000
<i>Brighton.</i>		
Chemical Engine-house No. 6, Harvard Street . . . . .	Composition.	400
Engine-house No. 29, Chestnut-hill Avenue . . . . .	Steel.	1,535

## 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, Clark street; Tremont M.E. Church; Young Men's Christian Union.

*South Boston.* — Bigelow School-house; Lincoln School-house; Phillips Church; St. Augustine Church; Ticknor School-house.

*East Boston.* — London-street Church; Lyceum Hall.

*Boston Highlands.* — Winthrop-street Church; Metropolitan Stables, Tremont Street.

*Dorchester.* — Tileston School.

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

*Brighton.* — Bennett School-house.

## 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 Board of Fire Commissioners of the City of Boston, for the time being (and their successors in office), were constituted a body corporate for the purposes 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.: His Honor the Mayor, Hugh O'Brien, Fire Commissioners Robert G. Fitch, John R. Murphy, and Richard F. Tobin, now constitute the Board of Trustees. Hugh O'Brien, Mayor, President; Frederick W. Smith, Jr., Clerk.

The following was the condition of the fund May 1, 1887: —

Seven certificates of City of Boston Four per Cent. Stock . . . . .	\$56,000 00
One certificate " " Five " " . . . . .	8,000 00
Cash on hand . . . . .	6,697 92
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	\$70,697 92
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