

MARINE SERVICE.

3 fireboats In service.

House for radio equipment built on deck of Engine 31.

Permission having been obtained from the Government to name our fireboats in commemoration of members of the department who made the supreme sacrifice during the world war, signs bearing the names of these men were made and installed.

Repairs by outside concerns 15
Cost \$6,351 00

HIGH PRESSURE.

Steam supply pipe at Station No. 1 reduced from 6 inch to 5 inch.

Piezometer gauges furnished to Engines 1, 15, 37, 40, 41, 42.

All companies furnished with high pressure hydrant wrenches.

CHAUFFEUR SCHOOL.

During the year our chauffeur school was uninterruptedly maintained in order to properly instruct members attached to horse-drawn companies prior to motorization.

To assist in this work one man was detailed from the Fire Fighting Force to instruct the members in the care and operation of Christie tractors.

One hundred and sixty-four men were examined and certified as chauffeurs.

MOTOR PUMP SCHOOL.

Our Motor Pump School was in operation from May to October, during which time 13 classes, comprising six to seven men, received instructions.

Eighty-three men qualified for certification as pump operators.

Two members of the Lynn Fire Department received instructions at this school.

MISCELLANEOUS.

All deck guns on apparatus equipped with shut-off valves.

Seven hydrant shower baths made and distributed. (One sent to Rainsford Island.)

Thawing devices installed on Engines 2, 6, 7, 9, 10, 17, 22, 23, 27, 29, 32, 34, 35, 37, 40, 43, 48, 50.

Material for testing outside connection for sprinkler systems in buildings made up and distributed to the several district headquarters. (This material consisted of short lengths of 2½-inch hose with male couplings attached to one end.)

MOTOR VEHICLES, APPARATUS, ETC., IN SERVICE AND RESERVE.

ENGINES.			
MAKE.	Kind.	In Service.	In Reserve.
American-LaFrance.....	Pumpers.....	36	5
Seagrave.....	Pumpers.....	3	
Christie tractors.....	Steam engines.....	10	5
Self-propelled.....	Steam engines.....	1	1
HOSE CARS.			
American-LaFrance.....	Combinations.....	26	3
Seagrave.....	Combinations.....	11	2
Vellie.....	Combinations.....	1	
Mack.....	Hose car.....	1	
LADDER TRUCKS.			
American-LaFrance.....	Aerial.....	9	
Seagrave.....	Aerial.....	1	
Christie tractor.....	Aerial.....	2	3
Christie tractor.....	City service.....	6	3
American-LaFrance.....	City service.....	12	
WATER TOWERS.			
American and British tractors.....		3	1
CHIEF OFFICERS' CARS.			
Buick.....	Sedan.....	1	
Buick.....	Coupe.....	1	
Buick.....	Touring cars.....	8	1
Buick.....	Roadsters.....	20	6

MISCELLANEOUS.

MAKE.	Kind.	In Service.	In Reserve.
American-LaFrance.....	School car.....	1	
Pierce Arrow.....	Rescue Company.....	1	
Christie.....	Tractors.....		2
Mack.....	Cable car.....	1	
Mack.....	Fuel car.....	1	
Mack.....	Wrecking car.....	1	
White.....	Commercial trucks.....	3	
White.....	Fuel car.....	1	
Ford.....	Runabouts.....	4	
Ford.....	Emergency cars.....	4	
Ford.....	Truck (Wire Division)...	1	
Knox.....	Hose car.....		Unserviceable.

HOSE.

Purchased.		Condemned.	
	Feet.		Feet.
Leading cotton hose .	13,000	Leading cotton hose .	13,150
Chemical hose .	500	Leading rubber hose .	400
1-inch rubber deck hose .	100	Chemical hose .	450
		4-inch rubber suction hose,	210
Total	<u>13,600</u>	3-inch flexible suction hose,	200
		3½-inch deluge hose .	87½
		Total	<u>14,497½</u>

Amount of hose in use and in stock February 1, 1924.

In Use.		In Stock.	
	Feet.		Feet.
Leading cotton hose .	137,066	Leading cotton hose .	5,850
Leading rubber hose .	200	Chemical hose .	1,400
Chemical hose .	17,300	Deluge hose .	12½
1-inch rubber deck hose .	900	4-inch rubber suction hose,	294
3-inch flexible suction hose,	800	2½-inch rubber suction hose,	40
4-inch rubber suction hose,	1,232		
Deluge hose .	662	Total	<u>7,596½</u>
Total	<u>158,160</u>		

Amount of hose repaired during the year.

	Feet.
1-inch rubber hose .	100
2½-inch rubber hose .	100
2½-inch cotton hose .	18,300
3-inch cotton hose .	4,650
3½-inch cotton hose .	50
¾-inch chemical hose .	1,600
Total	<u>24,800</u>

CLOTHING.

KIND.	Received and Distributed.	Repaired.	Reissued.
Trousers.....	1,103	339	10
Sack coats.....	583	138	31
Overcoats.....	122	69	11
Reefers.....	32		
Rubber coats.....	304	132	11
Caps.....	727		
Fire hats.....	50	278	

One thousand one hundred and thirty-eight overcoats and twenty-four reefers cleansed, pressed and placed in storage during the summer.

GASOLENE STATIONS.
DIVISION No. 1.

Districts.	Location.	Capacity (Gallons).	Pump.
1.....	Engine 5.....	280	1 gallon.
1.....	Engine 11.....	110	1 gallon.
1.....	Ladder 2.....	550	1 gallon.
1.....	Chemical 7.....	550	1 gallon.
2.....	Engine 27.....	550	1 gallon.
2.....	Engine 32.....	550	1 gallon.
2.....	Engine 36.....	280	1 gallon.
2.....	Engine 50.....	280	1 gallon.
2.....	Ladder 9.....	220	1 quart.
3.....	Ladder 8.....	120	1 gallon.
3.....	Ladder 18.....	280	1 gallon.
3.....	Engine 39.....	280	1 gallon.
4.....	Engine 4.....	280	1 gallon.
4.....	Engine 6.....	280	1 gallon.
4.....	Engine 8.....	280	1 gallon.
4.....	Ladder 1.....	280	1 gallon.
4.....	Ladder 24.....	550	1 gallon.
5.....	Engine 7.....	550	1 gallon.
5.....	Engine 10.....	220	1 quart.
5.....	Engine 26.....	280	1 gallon.
5.....	Ladder 17.....	280	1 gallon.
5.....	Rescue 1.....	550	1 gallon.

DIVISION 2.

Districts.	Location.	Capacity (Gallons).	Pump.
6.....	Engine 1.....	280	1 gallon.
6.....	Engine 2.....	280	1 gallon.
6.....	Engine 15.....	280	1 gallon.
6.....	Engine 43.....	280	1 gallon.
6.....	Ladder 19.....	550	1 gallon.
7.....	Engine 3.....	280	1 gallon.
7.....	Engine 22.....	550	1 gallon.
7.....	Engine 33.....	280	1 gallon.
7.....	Bristol street, repair shop.....	550	1 gallon.
7.....	Wareham street garage.....	280	1 gallon.
8.....	Engine 13.....	550	1 gallon.
8.....	Engine 14.....	550	1 gallon.
8.....	Engine 37.....	120	1 gallon.
8.....	Ladder 12.....	280	1 gallon.
11.....	Engine 29.....	280	1 gallon.
11.....	Engine 34.....	280	1 gallon.
11.....	Engine 41.....	280	1 gallon.
11.....	Engine 51.....	280	1 gallon.

DIVISION 3.

DISTRICTS.	Location.	Capacity (Gallons).	Pump.
9.....	Engine 12.....	550	1 gallon
9.....	Engine 21.....	280	1 gallon.
9.....	Engine 23.....	280	1 gallon
9.....	Engine 24.....	550	1 gallon.
9.....	Ladder 4.....	120	1 gallon.
10.....	Engine 17.....	280	1 gallon.
10.....	Engine 18.....	280	1 gallon.
10.....	Engine 32.....	280	1 quart.
12.....	Engine 28.....	280	1 gallon.
12.....	Engine 42.....	550	1 gallon.
12.....	Ladder 23.....	220	1 quart.
13.....	Engine 30.....	280	1 gallon.
13.....	Engine 45.....	550	1 gallon.
13.....	Engine 53.....	120	1 gallon.
14.....	Engine 20.....	280	1 gallon.
14.....	Engine 46.....	220	1 gallon.
14.....	Ladder 6.....	280	1 gallon.
15.....	Engine 19.....	280	1 gallon.
15.....	Engine 48.....	280	1 gallon.
15.....	Engine 49.....	280	1 gallon.

Provisions have been made for the installation of gasoline tanks of large capacity at the new quarters now under construction for Engine Companies 31 and 40.

CANNEL COAL STATIONS.

DIVISION 1.

DISTRICT	LOCATION.	Capacity. (Tons.)
1.....	Engine 11.....	12
1.....	Chemical 7.....	20
2.....	Ladder 9.....	35
3.....	Ladder 18.....	10
4.....	Ladder 24.....	16
5.....	Rescue 1.....	35

DIVISION 2.

6.....	Engine 2.....	20
6.....	Fourth street.....	40
7.....	Engine 33.....	25
8.....	Engine 13.....	40
8.....	Engine 14.....	10
8.....	Engine 37.....	20
11.....	Engine 29.....	7
11.....	Engine 34.....	7
11.....	Engine 41.....	10
11.....	Engine 51.....	10

DIVISION 3.

9.....	Engine 12.....	5
9.....	Engine 21.....	6
9.....	Engine 23.....	5
9.....	Engine 24.....	7
10.....	Engine 18.....	5
12.....	Engine 28.....	20
13.....	Engine 30.....	9
13.....	Engine 45.....	9
14.....	Engine 16.....	5
14.....	Engine 20.....	7
15.....	Engine 19.....	8
15.....	Engine 48.....	10

ENGINES.

Number.	Built by	Put in Service.	Rebuilt by	Date.	Diameter of Cylinder.	Diameter of Pump.	Stroke.	Size.	Weight (Pounds.)
1.....	American-LaFrance pump.	Dec. 19, 1921			5½	.....	6	First.	11,500
2.....	Seagrave triple combination pump, 750 gallons.	June 29, 1917			5½	.....	6½	Second.	13,500
3.....	Christie Tractor.	June 16, 1917			7½	4½	8	Second.	13,140
4.....	Manchester Locomotive Company, Jan., 1904	June 16, 1917			7½	4½	8	Second.	14,308
5.....	Christie Tractor.	June 16, 1917			5½	.....	6	First.	11,300
6.....	Amoskeag Manufacturing Company, pump.	Jan., 1919			5½	.....	6	Second.	11,030
7.....	American-LaFrance 750-gallon pump.	July 13, 1922			5½	.....	6	First.	11,300
8.....	American-LaFrance 1,000-gallon pump.	Aug. 10, 1922			5½	.....	6	Second.	13,140
9.....	Christie Tractor.	July 5, 1917			7½	4½	8	Second.	11,030
10.....	Amoskeag Manufacturing Company, May, 1911	July 24, 1923			5½	.....	6	First.	11,300
11.....	American-LaFrance 1,000-gallon pump.	Sept. 2, 1920			5½	.....	6	Second.	11,030
12.....	American-LaFrance 750-gallon pump.	Jan. 8, 1923			5½	.....	6	Second.	11,030
	American-LaFrance 750-gallon pump.	July 19, 1922			5½	.....	6	Second.	11,030

FIRE DEPARTMENT.

13.....	American-LaFrance 750-gallon pump.	Aug. 1, 1922			5½	.....	6	Second.	11,030
14.....	American-LaFrance 750-gallon pump.	Dec. 19, 1921			5½	.....	6	Second.	11,030
15.....	Christie Tractor.	July 30, 1920	J. B. Filieul & Son	1919	8½	5	8	First.	14,350
16.....	Amoskeag Manufacturing Company, Dec., 1904	Oct. 19, 1921			5½	.....	6	Second.	11,030
17.....	American-LaFrance 750-gallon pump.	Aug. 14, 1923			5½	.....	6	Second.	11,030
18.....	American-LaFrance 750-gallon pump.	Oct. 28, 1921			5½	.....	6	Second.	11,030
19.....	Seagrave triple combination 750-gallon pump.	July 2, 1917			5½	.....	6½	Second.	13,500
20.....	American-LaFrance 750-gallon pump.	Oct. 29, 1921			5½	.....	6	Second.	11,030
21.....	Christie Tractor.	Jan. 12, 1916	International Power Company	1907	7½	4½	8	Second.	12,560
22.....	Amoskeag Manufacturing Company, Sept., 1870	Nov. 30, 1920			5½	.....	6	Second.	11,030
23.....	American-LaFrance 1,000-gallon pump.	May 1920			5½	.....	6	First.	11,300
24.....	American-LaFrance 750-gallon pump.	July 21, 1922			5½	.....	6	Second.	11,030
25.....	Christie Tractor.	May 15, 1915			9	5½	8	First.	16,000
26.....	American-LaFrance Company, Dec. 1910	Dec. 20, 1920	American-LaFrance Company	1923	5½	.....	6	First.	11,300
27.....	American-LaFrance 1,000-gallon pump.	July 17, 1923			5½	.....	6	Second.	11,030
28.....	American-LaFrance 750-gallon pump.	Apr. 13, 1920			5½	.....	6	Second.	11,030
29.....	American-LaFrance 750-gallon pump.	Sept. 19, 1923			5½	.....	6	Second.	11,030
30.....	American-LaFrance 750-gallon pump.	Oct. 18, 1921			5½	.....	6	Second.	11,030

Engines.—Concluded.

Number.	Built by	Put in Service.	Rebuilt by	Date.	Diameter of Cylinder.	Diameter of Pump.	Stroke.	Size.	Weight (Pounds).
31.....	G. F. Blake Manufacturing Company.	1914	.....	.....	17	10	11	1 pump, 3,000 gallons. Second.	104 tons. 11,030
32.....	American-LaFrance 750-gallon pump.	Oct. 18, 1920	.....	.....	54	.....	6	.....	.....
33.....	Christie Tractor..... April 11, 1921	.....	.....	.....	84	54	8	First.	14,240
34.....	International Power Company..... Feb., 1909	.....	.....	.....	54	.....	6	Second.	11,030
35.....	American-LaFrance 750-gallon pump, Aug. 6, 1923	.....	.....	.....	54	.....	6	Second.	11,030
36.....	American-LaFrance 750-gallon pump, Dec. 10, 1920	.....	.....	.....	84	54	8	First.	13,910
37.....	Christie Tractor..... Aug. 13, 1917	.....	.....	.....	54	.....	6	Second.	11,030
38.....	International Power Company..... Nov., 1909	.....	.....	.....	94	54	8	Double extra first.	18,170
39.....	American-LaFrance 750-gallon pump, July 13, 1923	.....	.....	.....	84	5	8	First.	14,300
40.....	Manchester Locomotive Works (self-propeller), June 1897	.....	J. B. Fillenul & Son.....	1917	54	.....	6	Second.	11,030
41.....	Christie Tractor..... May 10, 1917	.....	American-British Company.....	1915	54	.....	6	Second.	11,030
42.....	American-LaFrance 750-gallon pump, July 24, 1923	.....	.....	.....	54	.....	6	Second.	11,030
.....	Christie Tractor..... Jan. 26, 1921	.....	.....	.....	74	44	8	Second.	13,000
.....	Amoskeag Manufacturing Company, Sept. 17, 1920	.....	.....	.....	.....	.....	.....	.....	.....

43.....	American-LaFrance 750-gallon pump, Jan. 8, 1923	.....	.....	.....	54	.....	6	Second.	11,030
44.....	American Fire Engine Company..... Aug., 1895	.....	.....	.....	124 H. P. 18 L. F.	10	11	2 sets of pumps, 6,000 gallons.	178 tons.
45.....	American-LaFrance 750-gallon pump, Jan. 13, 1923	.....	.....	.....	54	.....	6	Second.	11,030
46.....	American-LaFrance 750-gallon pump, Oct. 25, 1920	.....	.....	.....	54	.....	6	Second.	11,030
47.....	G. F. Blake Manufacturing Company..... Aug., 1909	.....	.....	.....	12 H. P. 22 L. F.	10	11	2 sets of pumps, 6,000 gallons.	179 tons.
48.....	American-LaFrance 750-gallon pump, Sept. 12, 1922	.....	.....	.....	54	.....	6	Second.	11,030
49.....	American-LaFrance triple combination 750-gallon pump, Aug. 9, 1922	.....	.....	.....	54	.....	6	Second.	12,000
50.....	American-LaFrance 1,000 gallon pump, 1919	.....	.....	.....	54	.....	6	First.	11,300
51.....	American-LaFrance triple combination 750-gallon pump, July 12, 1920	.....	.....	.....	54	.....	6	Second.	11,030
52.....	American-LaFrance 750-gallon pump, Dec. 16, 1921	.....	.....	.....	54	.....	6	Second.	11,030
53.....	Seagrave triple combination 750 gallon pump, Aug. 12, 1916	.....	.....	.....	54	.....	64	Second.	13,500

Engines in Reserve.

Number.	Built by	Put in Service.	Rebuilt by	Date.	Diameter of Cylinder.	Diameter of Pump.	Stroke.	Size.	Weight (Pounds.)
105-T....	Christie Tractor. (Lower Company.)	Mar. 27, 1915 Feb., 1909			7 1/2	4 1/2	8	Second.	12,400
107-T....	Christie Tractor. (Lower Company.)	July 28, 1915 Feb., 1909			7 1/2	4 1/2	8	Second.	13,150
108-T....	Christie Tractor. (Amoskeag Manufacturing Company.)	Dec. 20, 1915 Nov., 1897	American Locomotive Company.	1904	7 1/2	4 1/2	8	Second.	12,980
109-T....	Christie Tractor. (Amoskeag Manufacturing Company.)	Jan. 7, 1916 Jan., 1897	International Power Company.	1907	7 1/2	4 1/2	8	Second.	12,380
113-T....	Christie Tractor. American Locomotive Works.	July, 1903	Manchester Locomotive Works.	1910	8 1/2	5	8	First.	14,240
119-T....	Christie Tractor. (International Power Company.)	Aug. 13, 1917 Nov., 1909			8 1/2	5	8	First.	13,910
100-P....	American-LaFrance, triple combination.	July 3, 1914			5 1/2	.....	6	Second.	11,200
101-P....	American-LaFrance, triple combination.	Aug. 2, 1914			5 1/2	.....	6	Second.	11,200
160-P....	American-LaFrance, 750-gallon pump.	Aug. 31, 1923			5 1/2	.....	6	Second.	11,030
162-P....	American-LaFrance, 750-gallon pump.	Aug. 31, 1923			5 1/2	.....	6	Second.	11,030
163-P....	American-LaFrance, 750-gallon pump.	Aug. 31, 1923			5 1/2	.....	6	Second.	11,030
35.....	Manchester Locomotive Works (self-propeller).	June, 1897			9 1/2	5 1/2	8	Double extra, first.	18,170

Hose Wagons (in Reserve).

Two (2) Seagrave combination chemical and hose cars (motor).
Three (3) American-LaFrance combination chemical and hose cars (motor).

LADDER TRUCKS.

Number.	Built by	Put in Service.	Rebuilt by	Feet of Ladders.	Number of Ladders.	Weight (Pounds.)
1.....	American-LaFrance, Type 17, 4-wheel tractor (75-foot).....	May 27, 1922		.....	354	Aerial.
2.....	American-LaFrance, Type 17, 4-wheel tractor (75-foot).....	Oct. 15, 1923		.....	354	Aerial.
3.....	Christie tractor.....	Dec. 21, 1915		.....	268	10
4.....	Fire Department Repair Shop.....	Sept., 1888		.....	.....	.....
5.....	American-LaFrance, Type 25 (85 foot).....	Sept. 28, 1914		.....	354	Aerial.
6.....	Seagrave Company (75-foot).....	June 20, 1917		.....	309	Aerial.
7.....	Christie tractor.....	March 2, 1917		.....	207	8
8.....	C. N. Perkins & Co.....	Aug., 1905		.....	254	9
9.....	American-LaFrance, Type 14.....	Aug. 14, 1923		.....	394	Aerial.
10.....	American-LaFrance, Type 17.....	Oct. 31, 1921		.....	.....	.....
11.....	Seagrave Company (85-foot).....	Jan. 26, 1915		.....	354	Aerial.
12.....	American-LaFrance, Type 17, 4-wheel tractor (75-foot).....	Oct., 1920		.....	302	11
13.....	American-LaFrance, Type 14.....	Oct., 1920		.....	281	10
14.....	American-LaFrance, Type 14.....	Dec. 13, 1912		.....	335	Aerial.
15.....	American-LaFrance, Type 31 (75-foot).....	Nov. 8, 1919		.....	294	Aerial.
16.....	American-LaFrance, Type 31 (85-foot).....	Oct. 1, 1919		.....	346	Aerial.
17.....	American-LaFrance, Type 31 (85-foot).....	May, 1919		.....	352	Aerial.
18.....	American-LaFrance, Type 31 (85-foot).....	Jan. 11, 1920		.....	268	10
19.....	American-LaFrance, Type 14.....	Sept. 18, 1923		.....	.....	.....

Ladder Trucks.—Concluded.

NUMBER.	Rebuilt by	Put in Service.	Rebuilt by	Feet of Ladders.	Number of Ladders.	Weight (Pounds.)
17.....	Christie Tractor.....	July 27, 1915	.....	323	Aerial.	17,100
18.....	Seagrave Company (75-foot).....	.....	.....	.....	.....	.....
19.....	Christie Tractor.....	May 21, 1915	.....	340	Aerial.	17,225
20.....	Seagrave Company (85-foot).....	.....	.....	.....	.....	.....
21.....	American-LaFrance, Type 14.....	Oct. 5, 1923	.....	172	8	11,000
22.....	Christie Tractor.....	Oct. 27, 1915	.....	217	10	13,400
23.....	Charles N. Perkins Company.....	.....	.....	.....	.....	.....
24.....	American-LaFrance, Type 14.....	Dec. 10, 1913	.....	243	9	11,500
25.....	Christie Tractor.....	June 11, 1917	.....	209	8	13,500
26.....	Charles T. Holloway.....	Aug. 20, 1923	.....	268	11	11,000
27.....	American-LaFrance, Type 14.....	Oct. 18, 1923	.....	228	9	11,000
28.....	Christie Tractor.....	April 24, 1917	.....	177	8	13,440
29.....	Charles T. Holloway.....	.....	.....	.....	.....	.....
30.....	Christie Tractor.....	Aug. 10, 1922	.....	213	8	13,500
31.....	Charles N. Perkins.....	Sept. 28, 1923	.....	201	9	11,000
32.....	American-LaFrance, Type 14.....	Nov., 1920	.....	272	10	11,000
33.....	American-LaFrance, Type 14.....	May 15, 1913	Department Repair Shop.....	274	11	11,000
34.....	American-LaFrance, Type 14.....	Jan. 23, 1913	.....	257	10	11,000

In Reserve.

NUMBER.	Built by	Date.	Weight (Pounds.)
213-T.....	Christie Tractor.....	1898	12,050
214-T.....	Charles T. Holloway.....	.....	.....
215-T.....	Christie Tractor.....	1888	13,440
216-T.....	Fire Department Repair Shop.....	.....	.....
217-T.....	Christie Tractor.....	1874	12,050
218-T.....	Hummel & Co.....	.....	.....
219-T.....	Christie Tractor.....	1915	17,580
220-T.....	American-LaFrance Company (75-foot aerial).....	.....	.....
221-T.....	Christie Tractor.....	1917	18,000
222-T.....	American-LaFrance Company (85-foot aerial).....	.....	.....
223-T.....	Christie Tractor.....	1917	17,600
224-T.....	American-LaFrance Company (85-foot aerial).....	.....	.....

CHEMICAL ENGINES.

NUMBER.	Built by	Put in Service.	Remarks.	Capacity.	Weight.
				Gallons.	Pounds.
7.....	Seagrave Company.....	Feb. 5, 1917	Combination, motor driven.....	35	9,310

SPARE HORSE-DRAWN APPARATUS.
Six (6) steam engines. One (1) hose wagon. One (1) ladder truck.

WATER TOWERS.

NUMBER.	Built by	Put in Service.	Weight. (Pounds.)
1.....	American LaFrance Company.....	Oct., 30, 1912	14,000
2.....	Kansas City Fire Department Supply Company.....	May 17, 1890	10,000
3.....	International Company.....	Nov. 2, 1903	12,050
4 (Reserve).....	Kansas City Fire Department Supply Company.....	Dec. 18, 1893	10,000

Towers are equipped with American-British Company tractors.

TOOLS AND MACHINERY IN REPAIR SHOP.

Blacksmith Shop.	Boiler Room.	Hose and Harness Shop.	Engine Room.	Whewright and Machine Shop.
5 forges. 1 power hammer. 1 gas tire heater. 1 tire upsteter. 1 punch and shears. 1 lever shears. 1 tire roller. 2 rubber tire setters. 1 bolt cutter. 1 fan blower. 1 power hack saw.	3 vertical tubular boilers, each 75 horse power. 2 Blake boiler feed pumps. Numerous tools and appli- cances for repairing hose and harnesses.	1 Buckley electric hose test- ing and expanding engine. 2 electrically-driven sewing machines. Numerous tools and appli- cances for repairing hose and harnesses.	1 25 horse power steam en- gine cylinder, 9 by 31. 1 Knowles triplex pump for hose testing. 1 15 horse power motor. 2 dynamo and engine which supply current to fire alarm and central station. 1 Richardson-Phenix motor oil purifier (Model L).	1 each engine lathe, with foot beds 35 by 16 by 12; 16 by 9; 14 by 8 and 14 by 6. 1 16 by 10 speed lathe. 1 16 by 10 wood lathe. 126 by 20 planer, 8-foot bed. 1 planer, 16 by 20, shaper. 1 radial drill. 3 upright drills. 1 wall drill. 1 circular saw. 1 band saw. 1 boring and mortising machine. 2 buzz planers. 1 grinders. Numerous small tools. 1 Brown & Sharpe universal milling machine. 1 motor-driven valve grinding machine.

Also tools for the repair of automobile apparatus.

CONCLUSION.

On account of repairs at several of our fire stations it was necessary to remove the supply of cannel coal from same thereby eliminating the use of these quarters as coal depots.

A sufficient amount of this coal has been retained in each district for supplying steam engines in case of emergency.

The coal shed at the quarters of Engine 36 having become dilapidated, I would recommend that it be torn down.

Respectfully submitted,

WILLIAM H. McCORKLE,
District Chief.

REPORT OF MEDICAL EXAMINER.

Boston, January 31, 1924.

FROM: THE MEDICAL EXAMINER.
TO: THE FIRE COMMISSIONER.
SUBJECT: ANNUAL REPORT.

I respectfully submit the following report for the year ending January 31, 1924:

Number of cases of illness on file	399
Number of cases of injury on file	1,673
Number of injured (but remained on duty) on file	1,273

EXAMINATIONS.

Inspections and examinations at headquarters recorded	1,815
For appointment as provisional firemen (civil service),	262
For appointment to Fire Alarm Branch	4
For appointment of men on probation	50
At engine houses of firemen, pulmotors, medicine chests, and visits at homes of firemen either sick or injured and at hospitals	1,040

The general health of the firemen during the past year has been excellent and the books show a decrease of 170 men on sick leave from the previous year. The above fact is worthy of interest and gratifying as the great decrease in illness was obtained, notwithstanding a notable increase in the fire-fighting force; on the other hand, the number injured shows an increase of 339 over and above the number recorded as of the previous year, due in a measure to a greater number of fires experienced, consuming material dangerous to health and difficult to handle and endure.

The officers and men deserve credit for the prompt and eager spirit displayed in rendering "first aid" at all times when summoned. It is also praiseworthy to note and shows a keen regard for faithful service, that out of 1,673 cases of injury on file 1,273 men remained on duty and had their injuries treated in quarters.

DEATHS.

Dennis J. Burnett (Fire Alarm Branch), February 10, 1923, cerebro-spinal meningitis.
 James J. Caine (District Chief No. 6), March 16, 1923, chronic interstitial myocarditis.
 Timothy F. Holland (Wire Division), June 23, 1923, heart disease and pneumonia.
 J. Paul Haynes (Wire Division), June 4, 1923, pneumonia.

Respectfully submitted,

WILLIAM J. McNALLY, M. D.,
Medical Examiner.

REPORT OF WIRE DIVISION.

Boston, January 31, 1924.

FROM: SUPERINTENDENT, WIRE DIVISION.
 TO: THE FIRE COMMISSIONER.
 SUBJECT: ANNUAL REPORT.

I herewith submit annual report of the Wire Division of the Fire Department for the year 1923-24.

The underground district for 1923-24 was prescribed and advertised in accordance with the law.

During the year there were fifty fires and three accidents (one fatal) due to electrical causes. The total of fire losses in so far as could be determined was \$17,906.34. Thorough investigations of the above fires and accidents were made by members of this Division, and complete reports made of the same.

Rigid inspections have been made of old and new electrical construction during the year.

The total income was \$69,786.80.

EXTERIOR DIVISION.

The underground district for the year 1923 as prescribed under authority of chapter 196 of the Acts of 1921, comprised the following streets:

BRIGHTON.

Washington street, from Cambridge street to Commonwealth avenue.

CHARLESTOWN.

Alford street, from Main street to the drawbridge.
Medford street, from Chelsea street to Cook street.

DORCHESTER.

Alban street, from Welles avenue to Ashmont street.
Talbot avenue, from Washington street to Bernard street.
Quincy street, from Columbia road to Blue Hill avenue.
Adams street, from King square to Minot street.
Washington street, from Ashmont street a distance of 1,970 feet, to a point within 530 feet of Codman street.

SOUTH BOSTON.

Macallen street, from Dorchester avenue to Foundry street.

Making a total distance of 4 miles as provided by law.

In these prescribed streets, from which poles and overhead wires were to be removed, there were standing on February 1, 1923, a total of two hundred and sixteen (216) poles (not including the trolley poles of the Boston Elevated Railway which are exempt) owned by the Edison Electric Illuminating Company, New England Telephone and Telegraph Company, Charlestown Gas and Electric Company, and Postal Telegraph Cable Company, supporting a total of one million seven hundred fifty-four thousand (1,754,000) feet of overhead wires, or a little more than three hundred and thirty-two (332) miles owned by the Edison Electric Illuminating Company, New England Telephone and Telegraph Company, Boston Elevated Railway Company, Postal Telegraph Cable Company, Charlestown Gas and Electric Company, Boston Fire Department (Fire Alarm Branch), and Boston Police Department (Police Signal Service).

In the selection of new pole locations our engineers have accompanied the engineers of the various companies for the purpose of passing on such locations. All carrying poles standing in the streets are stencilled by this department for purposes of identification and are plotted in atlases on file in our office. All carrying poles standing in the streets are inspected and tested yearly by the inspectors of this division and at the same time a general inspection is made of all overhead construction. This work is in addition to the regular inspection work necessary on account of new construction. Poles found to be leaning or in process of decay are reported to the companies owning same and where conditions warrant it, poles are condemned. During the past year the inspectors of this division reported one hundred and twenty-eight (128) poles decayed at base and twenty-nine (29) poles leaning or a total of one hundred and fifty-seven (157) poles which were replaced by new poles or reset by the various companies at the request of this department. Seven (7) abandoned poles were also reported by our inspectors and were removed by the various companies at our request.

The following table shows the overhead work for the year from February 1, 1923, to January 31, 1924, inclusive:

Number of new poles set in new locations . . .	527
Number of poles replaced, reset or straightened . . .	648
Number of poles removed . . .	133
Number of poles now standing in the public streets, . . .	16,266
Number of defects reported . . .	3,263
Number of defects corrected . . .	3,058
(Other defects in process of correction.)	
Number of notices of overhead construction . . .	25,714
Number of overhead inspections . . .	40,526
Number of overhead reports . . .	26,825
Amount of overhead wires removed by owners (in feet) . . .	1,645,692

UNDERGROUND CONSTRUCTION.

The ducts used this year for the underground conduits of the drawing-in system are of the following type:

1. Vitrified clay (laid in concrete).
2. Fiber (laid in concrete).
3. Iron.
4. Wood.

In side or residential streets a considerable amount of special underground construction for electric light and power purposes, of a type known as the "Split Fiber Solid System," has been installed during the year.

The electrical approval for underground electric construction numbered four thousand seven hundred and five (4,705).

Number of inspections of underground electrical construction, nine thousand five hundred eighty-two (9,582).

Number of reports of underground electrical construction, four thousand four hundred thirty-four (4,434).

Character of Cable Used by the Various Companies.

COMPANY.	Kind of Insulation.	Size.
Boston Elevated Railway Company.	Rubber.	500,000 and 1,000,000 C. M.
Charlestown Gas and Electric Company.	Varnished cambric, paper and rubber.	Nos. 6, 4, 2, 1-0, 2-0, 4-0.
Edison Electric Illuminating Company.	Rubber and paper.	Nos. 8 to 1,000,000 C. M.
Fire Alarm Branch (B. F. D.).	Rubber.	4, 6, 10, 15 conductor.
New England Telephone and Telegraph Company.	Paper, silk and cotton.	2 to 1212 pair.
Police Signal Service (B. F. D.).	Rubber.	7 conductor.
Postal Telegraph Cable Company.	Paper.	2 to 30 conductor.
Schoolhouse Commission (City of Boston)	Rubber.	4 conductor.
Western Union Telegraph Company.	Paper.	11 to 100 pair.

Table Showing Underground Work for the Year 1923.

COMPANY.	Feet of Conduit.	Feet of Duct.	Feet of Cable.	Number of Manholes.	Number of Services.
Boston Elevated Railway Company.	8,500	64,290	15,519	18	
Boston Low Tension Wire Association.		283			4
Charlestown Gas and Electric Company.	9,643	53,516	90,736	27	34
Edison Electric Illuminating Company.	179,712	364,812	1,189,964	264	2,419
Fire Alarm Branch (B. F. D.).		1,449	55,200		29
New England Telephone and Telegraph Company.	59,817	479,030	346,777	147	138
Park Department (City of Boston)...	119	228			1
Police Signal Service (B. F. D.).		160	7,500		1
Postal Telegraph Cable Company.		175	1,650		2
Schoolhouse Commission (City of Boston).	345	960	3,420		5
Western Union Telegraph Company.	5,410	26,310	13,500	6	15
Totals.	263,576	991,213	1,724,266	462	2,648

NOTE.—"Split Fiber Solid Main System" of the Edison Electric Illuminating Company is included in the above figures comprising 52,635 feet of conduit and 99,787 feet of duct. The main and feeder tube or armored cable of the "old solid system" of the same company are not included. Work on the "old solid system" comprised 133 service connections and 4,691 feet of No. 100 three-conductor armored cable.

Table Showing the Amount and Distribution of Boston's Electrical Power January 31, 1924.

COMPANY.	Total Rated Horse Power of Boilers.	Total Rated Horse Power of Engines.	Capacity of Incandescent Lamps in Kilowatts.	Capacity of Arc Lamps in Kilowatts.	Kilowatts of Motors.	Kilowatts, Mixed Loads.	Number of Stations.
Boston Elevated Railway Company.	46,702	205,453	3,613	2	355,330	86,245	17
Edison Electric Illuminating Company.	51,508	275,400	115,220	2,976	96,802	86,785	47
Charlestown Gas and Electric Company.			1,500	165	1,500	300	1
Block Plant Electric Light Company.	400	325	50		15	15	1
A. W. Barnes Steam Specialty Company.	620	400	125		106		1
Sudbury Building Plant.	200	150	25		20		1
Hanover Street Trust.	500	363	140	10	80	230	1
Totals.	99,930	482,091	120,673	3,153	453,853	173,575	69

INTERIOR DIVISION.

As provided by law there have been twelve hundred eighty-nine (1,289) inspections made of theaters, places of amusement and public halls. Wherever defects were reported interested parties were immediately notified to attend to the same.

During the year there were fifty fires and three accidents to persons caused by electricity, one of the accidents proving to be fatal.

Fires in interior of buildings	41
Fires on poles	9
Injuries to persons	3
Notices of new work received	20,355
Number of permits to turn on current	15,030
Number of incandescent lamps inspected	1,644,393
Number of motors inspected	10,043
Number of buildings in which wiring was completely examined	4,108
Number of inspections made	38,113

All defects reported have been corrected or are in process of correction.

LIST OF WIRE DIVISION EMPLOYEES,
JANUARY 31, 1924.

	Salary Per Annum.
1 Superintendent	\$3,500
1 Chief Inspector	2,500
10 Inspectors	2,000
8 Inspectors	1,900
5 Inspectors	1,800
5 Inspectors	1,700
1 Inspector	1,600
3 Inspectors	1,500
1 Engineer	2,000
1 Chief Clerk	2,000
1 Assistant Chief Clerk	2,000
1 Clerk and Stenographer	1,700
1 Clerk	1,500
1 Clerk	1,240
3 Stenographers	1,400
1 Chauffeur	1,400
1 Stenciller	1,400

STATEMENT OF APPROPRIATION AND EXPENDITURES FROM FEBRUARY 1, 1923, TO JANUARY 31, 1924, INCLUSIVE.

Appropriation	\$90,740 23
EXPENDITURES.	
A-1. Employees	\$80,801 65
F-7. Pensions	600 00
B-1. Printing and binding	929 00
B-2. Postage	220 00
B-3. Advertising	126 70
B-4. Car fares	2,849 22
B-12. Premium on bond	6 00
B-13. Telephones	297 21
B-14. Auto painting	50 00
B-35. Auto fees	2 00
B-37. Photo, etc	2 10
B-39. Repairs, etc.	20 85
C-9. Metal desks	1,162 30
C-13. Tools, etc.	33 95
D-1. Office forms, etc.	1,790 60
D-11. Gasolene, etc.	381 95
D-16. Photo material	2 65
E-10. Batteries	9 90
E-13. Paint stock, etc.	25 62
Total expenditures	\$89,311 70
Balance in treasury	1,428 53
	<u>\$90,740 23</u>

LIST OF PROPERTY.— WIRE DIVISION.

1 1,500-volt Weston Direct Current Voltmeter.
 5 300-volt Weston Direct Current Voltmeters.
 2 300-volt Weston Alternating Current and Direct Current Voltmeters.
 1 15-volt Weston Direct Current Voltmeter.
 2 300-volt Weston Direct Current Double Reading Voltmeter.
 1 120-volt Weston Direct Current Miniature Type Voltmeter.
 1 150-volt Weston Direct Current Miniature Type Voltmeter.
 1 500-volt Weston Direct Current Ammeter.
 1 200-volt Weston Alternating Current Ammeter.
 1 50-volt Weston Direct Current Ammeter.
 1 15-volt Weston Alternating Current Ammeter.
 1 1,500-volt Milamperes Weston Direct Current Mil-ammeter.
 6 Bichloride of silver batteries, each 60 cells.
 1 Queen testing set.
 1 Touring car.
 1 Runabout.
 1 Ford truck.
 1 Robe.
 2 Cameras, complete
 Miscellaneous tools used in connection with overhead construction.
 Draughting instruments.

Respectfully yours,

WALTER J. BURKE,
Superintendent, Wire Division.

THE DEPARTMENT ORGANIZATION.

Commissioner, THEODORE A. GLYNN.
 Chief Clerk, JAMES P. MALONEY.
 Chief of Department, JOHN O. TABER.
 Dist. Chief, WILLIAM H. MCCORKLE, in charge of Bureau of
 Supplies and Repairs.
 Superintendent of High Pressure, Steam and Marine Service,
 EUGENE M. BYINGTON.
 Superintendent of Fire Alarms, GEORGE L. FICKETT.
 Superintendent of Wire Division, WALTER J. BURKE.
 Chief Operator and Assistant Superintendent of Fire Alarms,
 RICHARD DONAHUE.
 Chief Clerk, Wire Division, FRANK H. RICE.
 Medical Examiner, WILLIAM J. McNALLY, M.D.

CLERKS.

Fire Department.

James P. Maloney, Chief Clerk; Edward L. Tierney, Chief
 of License Division-Bureau of Fire Prevention; George F.
 Murphy, Herbert J. Hickey, John J. Coholan, William J.
 Hurley, Frank M. Fogarty, William J. O'Donnell, Thomas W.
 O'Connell, Warren F. Fenlon. Henry J. Eagan, Joseph F.
 O'Brien, James P. McKenna, Wm. D. Slattery, John J. Shea,
 James H. Finnerty.

Wire Division.

William McSweeney, Charles S. Carroll, Martin P. Cummings
 Selina A. O'Brien, Mary E. Fleming, May D. Marsh.

HEADQUARTERS.

	Per Annum.
1 Commissioner	\$7,500
1 Chief Clerk	2,500
1 Medical examiner	3,500
1 Secretary and stenographer	2,200
1 Executive Clerk in charge Motor Apparatus supplies and repairs	2,500
1 Clerk	1,600
1 Clerk	1,500
1 Clerk	1,400
1 Clerk	1,200
1 Clerk	1,000
1 Assistant engineer (messenger)*	1,800
2 Hosemen (clerks)*	1,800

* Detailed from Fire-fighting Branch.

FIRE DEPARTMENT.

79

1 Janitress	Per Week. \$20 00
Elevator Man	Per Day. \$4.00

15

FIRE PREVENTION BUREAU.

	Per Annum.
1 Chief Fire Prevention	\$2,500
1 Clerk	2,000
1 Clerk	1,700
1 Clerk	1,200
1 Constable	1,500

5

FIRE-FIGHTING BRANCH.

	Per Annum.
1 Chief of Department	\$5,000
4 Deputy chiefs	4,000
15 District chiefs	3,500
66 Captains	2,500
94 Lieutenants	2,300
1 Aide-to-Chief (lieutenant)	2,300
1 Aide-to-Commissioner (private)	1,800
3 Engineers (marine)	2,000
48 Engineers	1,900
51 Assistant Engineers	1,800
2 Assistant engineers	1,700
927 Privates:	
807	\$1,800
25	\$1,700-\$1,800
42	\$1,600-\$1,700
17	\$1,500-\$1,600
36	\$1,400-\$1,500

1,213

BUREAU SUPPLIES AND REPAIRS.

	Per Annum.
1 District Chief in charge	\$3,500
1 Superintendent, High Pressure Steam and Marine Service	3,800
1 Supervisor, motor apparatus	2,700
1 Shop foreman	2,500
1 Lieutenant, foreman hose and harness shop	2,300
1 Auto engineer (engineer)	2,500
1 Engineer and Architect	2,500
1 Storkeeper (hoseman)	2,000
1 Master plumber (engineer)	1,900
1 Master carpenter (hoseman)	1,800

	Per Annum.
1 Master Painter	\$1,800
1 Foreman auto mechanic	1,900
1 Machinist (engineer)	1,900
16 Privates	1,800
1 Clerk in charge	2,000
1 Clerk	1,400
1 Clerk	1,500
1 Stenographer	1,000
7 Engineers	1,900
7 Engineers (High Pressure Service)	1,900
4 Assistant engineers (High Pressure Service)	1,800
	Per Day.
3 High Pressure engineers	\$7 00
3 Firemen	5 50
	Per Week.
1 Engineer	\$40 00
	Per Annum.
1 Master steamfitter	1,800
	Per Day.
2 Plumbers	\$5 40
1 Steamfitter	5 00
1 Leading painter	5 25
9 Painters	5 00
2 Wheelwrights	5 50
1 Leading machinist	5 25
4 Machinists	5 00
9 Auto repairers	5 00
2 Battery and ignition men	5 00
1 Auto repairer and tester	5 50
1 Auto mechanic and machinist	5 00
1 Auto blacksmith	5 50
1 Battery and ignition man	5 50
4 Blacksmiths	5 00
5 Blacksmith's helpers	4 25
4 Carpenters	5 00
2 Hose and harness repairers	5 00
1 Hose and harness repairer	4 50
1 Vulcanizer	4 50
1 Chauffeur	5 00
2 Teamsters	4 00
2 Laborers	4 00
1 Steamfitter's helper	4 25

FIRE ALARM BRANCH.

	Per Annum.
1 Superintendent fire alarm	\$3,500
1 Assistant Superintendent and Chief Operator	3,000
1 Supervising operator	2,400
3 Principal operators	2,300
3 Operators	2,200
4 Assistant operators	1,800
1 Assistant operator (sliding scale)	1,500-1,600
2 Assistant operators (sliding scale)	1,400-1,500
1 Foreman construction	2,700
1 Assistant foreman construction	2,200
1 Stockman	1,800
	Per Day.
1 Machinist (7 day)	\$5 25
2 Machinists (7 day)	5 00
3 Cable splicers	5 75
5 Inside wiremen	5 60
4 Repairers and linemen	5 00
9 Linemen	5 00
1 Laborer	4 00

CHIEF OF DEPARTMENT.

JOHN O. TABER.

Headquarters, Engine House 26-35, Mason Street.

The Chief is in charge of the fire protection of the city, which is divided into three divisions, each commanded by a deputy chief, which are subdivided into fifteen districts, each commanded by a district chief.

DIVISION 1.

Deputy Chief, EDWARD J. SHALLOW.

Headquarters, Ladder House 8, Fort Hill Square.
This division comprises Districts 1, 2, 3, 4, 5.

*District 1.**District Chief*, HENRY J. POWER.

Headquarters, Ladder House 2, Paris Street,
East Boston.

Apparatus Located in the District.—Engines 5, 9, 11,
31 (fireboat), 40, 47 (fireboat), Ladders 2, 21, Chemical 7.

*District 2.**District Chief*, JOHN P. MURRAY.

Headquarters, Engine House 50, Winthrop Street,
Charlestown.

Apparatus Located in the District.—Engines 27, 32, 36,
50, Ladders 9, 22.

*District 3.**District Chief*, CORNELIUS J. O'BRIEN.

Headquarters, Ladder House 18, Pittsburgh Street.

Apparatus Located in the District.—Engines 25, 38,
39, 44 (fireboat), Ladders 8, 18, Water Tower 3.

*District 4.**District Chief*, CHARLES A. DONOHUE.

Headquarters, Engine House, 4 Bulfinch Street.

Apparatus Located in the District.—Engines 4, 6, 8,
Ladders 1, 24, Water Tower 1.

*District 5.**District Chief*, ALBERT J. CAULFIELD.

Headquarters, Engine House 26-35, Mason Street.

Apparatus Located in the District.—Engines 7, 10, 26,
35, Ladder 17, Recue 1.

DIVISION 2.

Deputy Chief, HENRY A. FOX.

Headquarters, Engine House 22, Warren Avenue.

This division comprises Districts 6, 7, 8, 11.

*District 6.**District Chief*, HARRY M. HEBARD.

Headquarters, Engine House 1, Dorchester Street,
South Boston.

Apparatus Located in the District.—Engines 1, 2, 15,
43, Ladders 5, 19, 20.

*District 7.**District Chief*, FRANK A. SWEENEY.

Headquarters, Engine House 22, Warren Avenue.

Apparatus Located in the District.—Engines 3, 22, 33,
Ladders 3, 13, 15, Water Tower 2.

*District 8.**District Chief*, FRANK J. SHEERAN.

Headquarters, Ladder House 12, Tremont Street.

Apparatus Located in the District.—Engines 13, 14,
37, Ladders 12, 26.

*District 11.**District Chief*, JAMES F. MCMAHON.

Headquarters, Engine House 41, Harvard Avenue,
Brighton.

Apparatus Located in the District.—Engines 29, 34, 41,
51, Ladders 11, 14.

DIVISION 3.

Deputy Chief, WALTER M. MCLEAN.

Headquarters, Ladder House 23, Washington Street,
Grove Hall.

This division comprises Districts 9, 10, 12, 13, 14, 15.

*District 9.**District Chief, JOSEPH H. KENNEY.*

Headquarters, Engine House 12, Dudley Street.

Apparatus Located in the District.—Engines 12, 21, 23, 24, Ladder 4.*District 10.**District Chief, FRANCIS J. JORDAN.*

Headquarters, Engine House 18, Harvard Street, Dorchester.

Apparatus Located in the District.—Engines 17, 18, 52, Ladders 7, 29.*District 12.**District Chief, JOHN N. LALLY.*

Headquarters, Engine House 28, Centre Street, Jamaica Plain.

Apparatus Located in the District.—Engines 28, 42, Ladders 10, 23, 30.*District 13.**District Chief, MICHAEL J. KENNEDY.*

Headquarters, Engine House 45, Corner Washington and Poplar Streets, Roslindale.

Apparatus Located in the District.—Engines 30, 45, 53, Ladders 16, 25.*District 14.**District Chief, ALLAN J. MACDONALD.*

Headquarters, Engine House 46, Peabody Square, Dorchester.

Apparatus Located in the District.—Engines 16, 20, 46, Ladders 6, 27.*District 15.**District Chief, JOSEPH A. DOLAN.*

Headquarters, Engine House 48, Corner Harvard Avenue and Winthrop Street, Hyde Park.

Apparatus Located in the District.—Engines 19, 48, 49, Ladder 28.

FIRE STATIONS.

LOCATION.

LOCATION.	Number of Feet in Lot.	Occupied by
Dorchester and Fourth streets.....	8,167	Engine 1 and Ladder 5.
Corner of O and Fourth streets.....	4,000	Engine 2.
Bristol street and Harrison avenue.....	4,000	Engine 3 and Ladder 3.
Bulfinch street.....	6,098	Engine 4, Chemical 1 and Tower 1.
Marion street, East Boston.....	3,265	Engine 5.
Leverett street.....	2,269	Engine 6.
East street.....	1,893	Engine 7.
Salem street.....	2,568	Engine 8.
Paris street, East Boston.....	4,720	Engine 9 and Ladder 2.
River street.....	1,886	Engine 10.
Saratoga and Byron streets, East Boston,	10,000	Engine 11 and Ladder 21.
Dudley street.....	7,320	Engine 12.
Cabot street.....	4,832	Engine 13.
Centre street.....	5,713	Engine 14.
Dorchester avenue.....	2,803	Engine 15.
Corner River and Temple streets.....	12,736	Engine 16 and Ladder 6.
Meeting House Hill, Dorchester.....	9,450	Engine 17 and Ladder 7.
Harvard street, Dorchester.....	9,440	Engine 18.
Babson street, Dorchester.....	7,683	Engine 19.
Walnut street, Dorchester.....	9,000	Engine 20 and Ladder 27.
Columbia road, Dorchester.....	10,341	Engine 21.
Warren avenue.....	7,500	Engine 22 and Ladder 13.
Northampton street.....	3,445	Engine 23.
Corner Warren and Quincy streets.....	4,186	Engine 24.
Fort Hill square.....	4,175	Engine 25 and Ladder 8, Rescue 1.
Mason street.....	5,623	Engines 26 and 35.
Elm street, Charlestown.....	2,600	Engine 27.
Centre street, Jamaica Plain.....	10,377	Engine 28 and Ladder 10.
Chestnut Hill avenue, Brighton.....	14,358	Engine 29 and Ladder 11.
Centre street, West Roxbury.....	12,251	Engine 30 and Ladder 25.
521 Commercial street, on land of Public Works Department.		

Fire Stations.—Concluded.

LOCATION.	Number of Feet in Lot.	Occupied by
Bunker Hill street, Charlestown.....	8,188	Engine 32.
Corner Boylston and Hereford streets....	5,646	Engine 33 and Ladder 15.
Western avenue, Brighton.....	4,637	Engine 34.
Monument street, Charlestown.....	5,668	Engine 36 and Ladder 22.
Corner Longwood and Brookline avenues.	5,231	Engine 37 and Ladder 26.
Congress street.....	4,000	Engines 38 and 39.
Summer street, East Boston.....	4,010	Engine 40.
Harvard avenue, near Cambridge street, Brighton.	6,112	Engine 41 and Ladder 14.
Washington street, at Egleston square....	3,848	Engine 42 and Ladder 30.
Andrew square.....	5,133	Engine 43 and Ladder 20.
Northern Avenue Bridge.....		Engine 44, fireboat.
Washington and Poplar streets, Roslindale.	14,729	Engine 45 and Ladder 16.
Dorchester avenue, Ashmont.....	4,875	Engine 46.
Adjoining South Ferry, East Boston.....	11,950	Engine 47, fireboat
Harvard avenue and Winthrop street, Hyde Park.	9,450	Engine 48 and Ladder 28.
Church street.....	3,412	
Milton and Hamilton streets.....	14,475	Engine 49.
Winthrop and Soley streets.....	5,230	Engine 50.
Oak square, Brighton.....	9,889	Engine 51.
Saratoga street, East Boston.....	9,300	Chemical Engine 7.
Corner Callender and Lyford streets.....	7,200	Chemical 11 and Ladder 29.
Corner Walk Hill and Wenham streets...	11,253	Chemical 13.
Friend street.....	1,676	Ladder 1.
Dudley street.....	3,923	Ladder 4 and Chemical 10.
Main street, Charlestown.....	4,290	Ladder 9.
Tremont street.....	4,311	Ladder 12.
Harrison avenue.....	2,134	Ladder 17.
Pittsburgh street, South Boston.....	8,964	Ladder 18 and Tower 3.
Fourth street.....	3,101	Ladder 19.
Washington street, Dorchester.....	6,875	Ladder 23 and Chemical 5.
North Grove street.....	3,918	Ladder 24.

Headquarters Building, Bristol street, 15,679 feet of land.

Water Tower No. 2 is in Headquarters Building.

OTHER BUILDINGS.

Bureau S. & R. 363 Albany street, 8,000 feet of land.
Veterinary Hospital, Atkinson street, 64,442 feet of land.

Coal station, Main street, Charlestown, 2,430 feet of land.

Building No. 11 Wareham street, used by the Fire Alarm Branch as workshop and storeroom, 8,500 feet of land.

Building No. 618 Harrison avenue, used as a department garage and repair shop and a school for chauffeurs and officers, 3,816 feet of land.

EXPENDITURES FOR THE YEAR.

Personal service:		
Permanent employees	\$2,543,748	61
Temporary employees	981	80
Unassigned	4,522	90
		\$2,549,253 31
Service other than Personal:		
Printing and binding	\$53	75
Postage	943	90
Advertising and posting	260	30
Transportation of persons	949	95
Cartage and freight	429	92
Hire of teams and auto trucks,	2,634	50
Heat	2,471	18
Light and power	20,436	69
Rent, taxes and water	3,555	36
Premium on surety bond	15	00
Communication	2,673	84
Motor vehicle repairs and care,	18,191	16
Motorless vehicle repairs	2,210	50
Cleaning	5,600	57
Medical	25	00
Veterinary	900	00
Fees, service of venires, etc.,	580	00
Boiler inspection	149	00
Photographic and blueprinting,	2,339	45
General plant	95,901	93
Horseshoeing and clipping	3,249	55
		163,571 55
Carried forward		\$2,712,824 86

<i>Brought forward</i>		\$2,712,824 86	
Equipment:			
Cable, wire, etc.	\$16,216 06		
Electrical	14,052 40		
Motor vehicles	284,144 11		
Stable	1,965 70		
Furniture and fittings	7,263 06		
Office	3,067 39		
Marine	8 70		
Tools and instruments	27,698 31		
Wearing apparel	33,798 75		
General plant	1,097 23		
		389,311 71	
Supplies:			
Office	\$6,821 20		
Food and ice	842 56		
Fuel	108,363 86		
Forage and animal	6,099 15		
Medical, surgical, laboratory	192 49		
Laundry, cleaning, toilet	2,337 82		
Motor vehicle	27,626 77		
Chemicals and disinfectants	2,394 85		
General plant	3,778 72		
Cloth	121 00		
		158,578 42	
Materials:			
Building	\$21,076 24		
Electrical	3,548 92		
General plant	33,649 44		
		58,274 60	
Special items:			
Pensions and annuities	\$260,314 69		
Workingmen's compensation	834 67		
		261,149 36	
		\$3,580,138 95	
Wire Division:			
Personal service:			
Permanent employees	\$80,801 65		
Service other than personal:			
Printing and binding	\$929 00		
Postage	220 00		
Advertising and post- ing	126 70		
Transportation of per- sons	2,849 22		
Premium on surety bond	6 00		
<i>Carried forward</i>	\$80,801 65	\$3,580,138 95	

<i>Brought forward</i>		\$80,801 65	\$3,580,138 95
Communication	297 21		
Motor vehicle repairs and care	50 00		
Fees, service of ve- nires, etc.	2 00		
Photographic and blueprinting	2 10		
General plant	20 85		
		4,503 08	
Equipment:			
Office	\$1,162 30		
Tools and instru- ments	33 95		
		1,196 25	
Supplies:			
Office	\$1,790 60		
Motor vehicle	381 95		
General plant	2 65		
		2,175 20	
Materials:			
Electrical	\$9 90		
General plant	25 62		
		35 52	
Special items:			
Pensions and annuities	600 00		
		89,311 70	
		<u>\$3,669,450 65</u>	
ENGINE 7, NEW BUILDING.			
Payments on account:			
Contractors, C. & R. Construction Company,		\$21,886 00	
Advertising, blueprints, etc.		4 32	
		<u>\$21,890 32</u>	
ENGINE 40, NEW BUILDING.			
Contractor, John B. Dolan		\$7,200 90	
Architects		2,185 86	
Test borings		163 15	
Blueprints		123 59	
Advertising		5 00	
		<u>\$9,678 50</u>	

FIRE ALARM SIGNAL STATION, BACK BAY FENS.

Underground work	\$2,713 36
Test posts	1,760 00
Freights	103 74
Borings	94 50
Blueprints	8 10
	<u>\$4,679 70</u>

RECAPITULATION.

Fire Department	\$3,669,450 65
Engine 7, new building	21,890 32
Engine 40, new building	9,678 50
Fire Alarm Signal Station, Back Bay Fens	4,679 70
	<u>\$3,705,699 17</u>

INCOME.

Permits for fires in open spaces, fireworks, blasting, transportation and storage of explosives,	\$15,676 25
Sale of old material	2,290 74
Sale of apparatus, etc.	1,530 68
Sale of badges	1,327 00
Damage to hose and cable	190 12
Damage to fire alarm posts and boxes	612 59
Damage to door	7 91
Damage to apparatus	10 00
Sale of manure	4 75
Refund on freight	9 46
Coal penalty	3 88
Install fire alarm box	38 25
Relocating post	58 80
	<u>\$21,760 43</u>
Wire Division:	
Permits	69,876 80
	<u>\$91,637 23</u>

FIRE DEPARTMENT.

ALARMS, FIRE LOSSES AND INSURANCE.

Months.	ALARMS RECEIVED.						Loss.	INSURANCE.		ALARMS.				Totally Destroyed.									
	From Whom.							Buildings.	Contents.	Bell.	Still.		Extended to Others.		Not in Building.	Out of City.	Damage None.	Damage Slight.	Damage Considerable.				
	Members.	Police.	Citizens.	Telephone.	Automatic.	Total.					Fire.	False.								Needless.	Fire.	Needless.	
January.....	6	11	256	148	12	17	450	\$352,376	\$926,530	\$3,599,333	167	17	16	182	59	296	9	40	4	177	155	12	1
February.....	9	22	296	139	22	15	503	291,481	296,948	2,736,100	214	16	17	185	55	358	7	31	3	171	204	18	3
March.....	9	14	294	210	21	20	568	154,211	164,614	4,626,378	205	16	15	256	50	283	8	165	5	289	154	13	....
April.....	18	18	484	409	21	7	957	164,474	448,916	5,079,402	356	9	13	528	38	275	1	600	8	683	180	11	2
May.....	8	11	301	188	18	9	535	186,487	391,834	2,506,476	233	10	8	238	33	238	9	221	3	300	156	11	1
June.....	10	14	384	237	20	22	687	68,195	64,714	5,163,844	260	22	19	323	50	272	4	303	4	387	191	1	....
July.....	9	22	309	198	16	18	572	206,459	1,366,903	4,584,329	210	20	17	288	26	213	7	273	5	338	146	8	1
August.....	2	20	316	171	14	15	538	50,045	70,581	2,585,049	205	19	14	244	46	201	1	241	6	302	136	3	2
September....	5	11	298	189	12	28	543	43,250	55,604	3,666,217	212	29	15	232	25	164	3	295	2	348	110	3	1
October.....	10	19	412	298	15	37	811	79,120	116,222	3,751,920	297	61	21	382	30	266	3	406	4	506	165	3	1
November....	4	15	273	190	29	36	547	205,794	288,753	4,076,309	192	37	18	238	48	244	4	179	3	263	155	5	4
December....	7	11	280	182	23	27	530	151,534	162,254	1,607,402	204	31	24	200	54	278	4	118	4	203	189	6	2
Totals.....	97	188	3,903	2,559	223	271	7,241	\$1,932,426	\$4,353,874	\$55,925,800	2,755	287	197	3,316	537	3,088	60	2,872	51	3,967	1,941	94	18

9087

CAUSES OF FIRES AND ALARMS FROM JANUARY 1, 1923, TO JANUARY 1, 1924.

Alarms, false, needless, bell and still.....	1,016	Hot ashes in wooden receptacle.....	95
Alarms, out of city.....	51	Incendiary and supposed.....	27
Automatic alarms, false and accidental.....	154	Lamp upsetting and explosion.....	18
Automobiles.....	364	Miscellaneous.....	404
Brush, rubbish, etc.....	2,034	Oil stove, careless use and explosion.....	73
Careless use lamp, candle.....	51	Overheated furnace, stove, boiler.....	114
Careless use matches and set by rats.....	395	Set by boys.....	140
Careless use pipe, cigar and cigarette.....	501	Spark from chimneys, stove.....	135
Chimneys, soot burning.....	292	Sparks from locomotive, engine.....	66
Clothes near stove.....	19	Spontaneous combustion.....	139
Defective chimney, stove pipe, boiler.....	87	Thawing water pipes.....	41
Electric wires, motors.....	173	Unknown.....	675
Fireworks and firecrackers.....	46		
Gas jet, gas stove.....	66	Total.....	7,241
Gasolene, naphtha, benzine.....	11		
Grease in ventilator.....	54		

1923.	FIRE EXTINGUISHED BY						
	Extinguishers.	Buckets of Water.	Chemical Engines.	Hydrant Streams.	Steamers.	Miscellaneous.	Citizens.
January.....	87	22	56	40	27	69	44
February.....	106	25	86	46	43	56	34
March.....	106	35	86	62	31	105	31
April.....	122	78	102	219	30	284	41
May.....	94	42	95	95	29	65	48
June.....	151	52	112	119	38	62	45
July.....	93	50	67	135	49	55	44
August.....	97	39	79	97	41	52	38
September.....	94	38	62	124	38	77	29
October.....	116	96	102	170	47	101	43
November.....	75	46	75	69	30	99	33
December.....	73	34	88	47	37	82	39
Totals.....	1,214	557	1,010	1,223	440	1,107	469

FIRES WHERE LOSSES EXCEEDED \$15,000.

DATE.	Location and Owner.	Loss.
1923.		
Jan. 10.....	58 and 60 Summer street, Abrahams Company <i>et al.</i>	\$16,711
Jan. 13.....	230 Beacon street, Mrs. J. M. Jackson.....	35,221
Jan. 13.....	36 and 38 Hawkins street and 74 Chardon street, S. M. Stewart Estate.....	25,783
Jan. 14.....	63 Mt. Vernon street, H. M. Sweet <i>et al.</i>	105,250
Jan. 15.....	86 and 38 Fulton street, Abram Re Company <i>et al.</i>	17,965
Jan. 19.....	140-148 Harvard avenue, W. P. & J. Cotter <i>et al.</i>	49,301
Jan. 20.....	73 and 75 South street and 170-180 Essex street, L. Schapiro Shoe Company <i>et al.</i>	150,646
Jan. 22.....	118-128 Lincoln street, R. E. McDonald <i>et al.</i>	598,816
Feb. 12.....	35-39 Arch street, M. Steinert & Son Company <i>et al.</i>	41,760
Feb. 16.....	18 and 20 Chauncy street, Kaitz Brothers <i>et al.</i>	23,446
Feb. 21.....	132-138 Worcester street, S. & A. S. & F. E. Pelonsky <i>et al.</i>	55,980
Feb. 24.....	530-540 Atlantic avenue, F. P. Bennett & Co., Inc., <i>et al.</i> ...	28,424
Feb. 27.....	326-330 Washington street, Dorchester, Norfolk Lodge of Odd Fellows <i>et al.</i>	29,336
Feb. 27.....	1110-1130 Washington street and 106-112 Dover street, H. S. Gordon Leather Company <i>et al.</i>	30,655
Feb. 27.....	124 and 126 Pearl street, Isabelle Anderson <i>et al.</i>	25,889
March 2.....	524 and 526 Rutherford avenue, New England Newspaper Publishing Company <i>et al.</i>	37,216
March 13.....	132 and 134 Washington street and 1 and 3 Dock square, D. Sears Real Estate Trust <i>et al.</i>	46,888
March 29.....	Rear 81 Bristol street, J. F. Paul & Co. <i>et al.</i>	25,299
March 30.....	65-69 Summer street, Johnson & Johnson <i>et al.</i>	17,978
April 1.....	131-137 Washington street and 53-57 Brattle street, Leopold Morse Company.....	19,858
April 6.....	266-270 Border street, Acme White Lead and Color Works,.....	56,492
April 7.....	11-17 East street and 711 Atlantic avenue, American Hide and Leather Company.....	57,549
April 10.....	20 and 22 Purchase street and 361 and 363 Atlantic avenue, Liberty Trading Company <i>et al.</i>	37,302
April 14.....	185 and 187 State street and 82 and 84 Central street, The Kelley Peanut Company <i>et al.</i>	175,035
April 15.....	125-131 Federal street, H. S. Hunnewell <i>et al.</i>	29,903
April 23.....	75 West Fifth street, Roman Catholic Church.....	22,588
April 25.....	116-124 Merrimac street, H. Traiser & Co., Inc.....	103,710
May 2.....	217 and 219 State street and 114 Central street, Webster Thomas Company <i>et al.</i>	340,816
May 6.....	84-88 Hawley street, Kennedy's Clothing Company <i>et al.</i> ...	20,736
May 26.....	121 and 123 East Dedham street, P. H. Graham & Sons <i>et al.</i> ,.....	25,658
May 30.....	850 Washington street, Meyer Pearlmuter <i>et al.</i>	16,467

Fire Losses.—Concluded.

DATE.	Location and Owner.	Loss.
May 31.....	35 and 37 Warcham street, American Slipper Manufacturing Company <i>et al.</i>	20,319
June 20.....	76 and 78 Batterymarch street, Estate of Moses Kimball <i>et al.</i>	35,979
July 5.....	131-137 Kingston street, Star Manufacturing Company <i>et al.</i>	17,425
July 16.....	199 Harrison avenue, Boston Shoe Polish Manufacturing Company <i>et al.</i>	16,579
July 18.....	374-394 Congress street, Thomas Kelly Company <i>et al.</i>	1,269,300
July 19.....	Mill street, Storehouse No. 30, W. Ellery <i>et al.</i>	78,048
July 28.....	318 Broadway, Boston & Albany <i>et al.</i>	46,143
Aug. 24.....	628-636 Washington street and 1-9 Essex street, Hyman Brothers <i>et al.</i>	27,266
Sept. 13.....	67-73 Sudbury street and 9 Hawkins street, Capitol Upholstering Company <i>et al.</i>	31,336
Oct. 6.....	118 Western avenue, Griffith Keiver Company <i>et al.</i>	35,183
Oct. 8.....	160-166 North street, Bay State Upholstering Company <i>et al.</i>	16,233
Nov. 1.....	604-702 Washington street and 2-12 Kneeland street, Freedman, Levine and Freedman <i>et al.</i>	21,093
Nov. 16.....	605-611 Washington street, Weinberg Brothers <i>et al.</i>	15,363
Nov. 17.....	65 and 67 Purchase street and 173 and 175 High street, S. M. Fay Estate <i>et al.</i>	79,459
Nov. 17.....	209 and 211 State street, The Murray Company <i>et al.</i>	123,072
Nov. 18.....	1612-1620 Blue Hill avenue, Price Brothers & Mission <i>et al.</i>	50,358
Nov. 22.....	107 and 109 Kingston street and 105 and 107 Essex street, Samuel Lieberman <i>et al.</i>	15,943
Nov. 30.....	85-91 Essex street, B. & A. Skirt Co. <i>et al.</i>	49,130
Dec. 7.....	605-611 Washington street, Massachusetts Skirt Company <i>et al.</i>	17,586
Dec. 10.....	288-294 Devonshire street, Northern Commission Company <i>et al.</i>	24,414
Dec. 15.....	889-899 Dorchester avenue, Samuel Levitt <i>et al.</i>	15,515
Dec. 17.....	3089-3099 Washington street and 1 Beethoven street, D. W. & S. W. Littlefield <i>et al.</i>	27,360
Dec. 18.....	6-14 Congress street and 43 State street, State Street Exchange <i>et al.</i>	16,138

STATISTICS.

Population, January 1, 1924 (estimated)	847,942
Area, square miles	47.81
Number brick, etc., buildings	34,957
Number of wooden buildings	78,825

Fires in brick and stone buildings	1,784
Fires in wooden buildings	1,364
Out of city	51
Not in buildings	2,872
False and needless	1,170

Total alarms 7,241

FIRE LOSS FOR THE YEAR ENDING DECEMBER 31, 1923.

Building loss insured	\$1,830,951
Contents loss insured	4,110,798
	<u>\$5,941,749</u>
Building loss not insured	\$101,473
Contents loss not insured	243,078
	<u>344,551</u>

Total loss buildings and contents \$6,286,300

Marine loss \$14,121

YEARLY LOSS FOR THE LAST FIFTEEN YEARS.

Year ending February 1, 1909	\$3,610,000
" " " 1, 1910	1,680,245
" " " 1, 1911 (11 months)	3,159,989
" " January 1, 1912	2,232,267
" " " 1, 1913	2,531,017
" " " 1, 1914	*3,138,373
" " " 1, 1915	3,013,269
" " " 1, 1916	3,004,600
" " " 1, 1917	†2,372,489
" " " 1, 1918	†3,981,227
" " " 1, 1919	2,822,109
" " " 1, 1920	2,577,584
" " " 1, 1921	3,139,566
" " " 1, 1922	4,010,201
" " " 1, 1923	3,304,595
" " " 1, 1924	6,286,300

* Does not include marine loss of \$1,116,475, steamship "Templemore."

† Does not include marine loss of \$101,312, steamship "City of Naples" *et al.*

‡ Does not include marine loss of \$75,660.

NOTE.—January loss, 1911, amounting to \$165,001, deducted from previous year and included in calendar year January 1, 1911, to January 1, 1912.

ALARMS FOR THE PAST TEN YEARS.*

YEAR.	Bell.	Still and Automatics.	Totals.
1923.....	3,229	4,002	7,241
1922.....	2,733	3,401	6,134
1921.....	2,359	2,888	5,247
1920.....	2,029	2,456	4,485
1919.....	2,733	2,690	5,423
1918.....	2,413	2,649	5,062
1917.....	2,252	2,526	4,778
1916.....	2,350	2,128	4,531
1915.....	2,847	2,590	5,437
1914.....	2,945	2,589	5,534

* Each fire is treated as having only one alarm.

ROLL OF MERIT, BOSTON FIRE DEPARTMENT.

James F. McMahon, District Chief.
Edward McDonough, Captain, Engine Company 6.
Thomas J. Muldoon, Captain, Engine Company 16.
Thomas H. Downey, Captain, Engine Company 22.
Michael J. Teehan, Captain, Engine Company 24.
Joseph P. Hanton, Captain, Engine Company 33.
Dennis Driscoll, Captain, Engine Company 37.
Frederick F. Leary, Captain, Ladder Company 3.
Carl S. Bowers, Lieutenant, Aide to Chief.
Henry J. Kelly, Lieutenant, Engine Company 32.
Timothy J. Heffron, Lieutenant, Ladder Company 9.
Michael J. Dacy, Lieutenant, Ladder Company 20.
John J. Kennedy, Ladderman, Ladder Company 13.
Martin A. Kenealy, Captain, retired.
James E. Downey, Hoseman, retired.

MEMBERS PENSIONED FROM FEBRUARY 1, 1923 TO FEBRUARY 1, 1924.

William L. Kelley.	Michael J. McNamara.
John J. Driscoll.	William J. Cox.
James F. Boyle.	Arthur W. Helmund.
Thomas A. Quinn.	Benjamin F. Underhill.
Mellen R. Joy.	Edward J. Reavey.
William S. Abbott.	John E. Fleming.
John M. McEwan.	Thomas Buckley.
John M. Shanley.	Edward I. McLaughlin.
Frank P. Elliott.	William A. Porter.
William Bowers.	John Connell.
John L. Gannon.	Peter J. Donovan.
Frank A. Bailey.	Williard R. Pulsifer.
David Isaacs.	Frank Coyle.

DEATH OF MEMBERS FROM FEBRUARY 1, 1923 TO FEBRUARY 1, 1924.

Dennis J. Burnett.	District Chief James J. Caine.
J. Paul Haynes.	Timothy F. Holland.

DEATH OF PENSIONERS FROM FEBRUARY 1, 1923 TO FEBRUARY 1, 1924.

Jonathan M. Morris.	D. O'Riordan.
Charles P. Smith.	Lawrence Scallan.
Stephen W. Fletcher.	John K. Weelock.
J. E. Corea.	Thomas F. Frazer.
William H. Guinan.	Thomas W. Gowen.
Cornelius H. Leary.	James E. Nolan.
Charles P. Boudreau.	Lemuel A. Withington.
Ex. Commissioner and Chief	W. H. McDonald.
John Grady.	J. T. Weston.
Ex. Chief of Department	Joseph Riley.
Peter F. McDonough.	W. J. Muir.
John Flavell.	Charles H. Windhorn.
Edward J. Lynch.	

BOSTON FIREMEN'S RELIEF FUND.

To the Members of the Body Corporate of the Boston Firemen's Relief Fund, Boston, Massachusetts.

DEAR SIRs,— We hereby certify that we have audited the accounts of the Treasurer of the Boston Firemen's Relief Fund to the close of business August 31, 1924, and find them correct.

The deposits in the banks and the checks drawn thereon have been compared with the accounts received from the banks, and have been found to agree therewith, and are all properly entered on the books of the treasurer.

Income from all sources is accounted for. Payments are supported by proper vouchers or by paid checks, and the balance on hand at close of business August 31, 1924, is correct.

We have examined the securities belonging to the fund, and find them as stated on schedules herewith.

We have seen a bond issued by the Employees' Liability Assurance Corporation to D. J. Cadigan, treasurer, for \$25,000.00.

A summary of receipts and disbursements for the year ending August 31, 1924, is appended hereto.

Respectfully submitted,

AMOS D. ALBEE SON & Co.,
Certified Public Accountants.

FIRE DEPARTMENT.

RECEIPTS AND DISBURSEMENTS FROM SEPTEMBER 1, 1923, TO AUGUST 31, 1924.

Receipts.

Amount received from Ball Fund	\$27,496 46
Interest on bonds	\$8,373 75
Less accrued interest paid	98 09
	<hr/>
Interest on Liberty Loan bonds	8,275 66
Dividends on stocks	2,059 32
Interest on deposits	237 50
Donations	209 91
City of Boston bonds matured	377 00
American Telephone and Telegraph rights sold	11,000 00
West End Street Railway stock sold	31 57
	<hr/>
Cancelled checks, not used	47 46
	<hr/>
	\$49,734 88
	<hr/>
	28 00
	<hr/>
Balance, September 1, 1923	\$49,762 88
	<hr/>
	9,559 64
	<hr/>
	\$59,322 52

Disbursements.

Death and sick benefits, gratuities, medical attendance and medicine	\$28,028 10
Salaries	800 00
Treasurer's bond	62 50
Free bed, Carney Hospital	300 00
Free bed, Peter Bent Brigham Hospital	200 00
Free bed, Massachusetts General Hospital	200 00
Box at First National Bank of Boston, vaults	10 00
Auditing, twelve months	200 00
Expenses, stationery, printing, etc	430 57
Legal services	849 50
Bonds purchased	20,144 10
	<hr/>
	\$51,224 77
Balance, Exchange Trust Company Savings Account	\$2,069 67
Balance, Exchange Trust Company Checking Account	2,969 77
Balance, Beacon Trust Company Savings Account	3,000 00
Balance, American Trust Company	58 31
	<hr/>
	8,097 75
	<hr/>
	\$59,322 52