

## REPORT OF WIRE DIVISION.

FROM: THE 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 1920-1921.

The underground district for 1921 has been prescribed and advertised in accordance with the law. The main streets, avenues and highways, or parts thereof, are as follows:

## BRIGHTON.

Washington street, from Commonwealth avenue to Corey road, 830 feet.

## CHARLESTOWN.

Bunker Hill street, from Monument street to Auburn street, 2,732 feet.

Warren street, from Thompson square to Park street, 1,059 feet.

## ROXBURY.

Columbus avenue, from Centre street to Washington street, 2,982 feet.

Huntington avenue, from South Huntington avenue northeasterly, a distance of 4,781 feet to a point 100 feet east of the easterly line of Vancouver street, 4,781 feet.

## WEST ROXBURY.

Washington street, from Corinth street to Beech street, 3,456 feet.

Making a total distance of three miles of main streets, as provided by law.

Side streets, avenues, or highways, or parts thereof:

## BRIGHTON.

Corey road, from Washington street to the Brookline line, 1,040 feet.

Wallingford road, from Chestnut Hill avenue to Commonwealth avenue, 1,888 feet.

## CHARLESTOWN.

Soley street, from Warren street, a distance of 200 feet.

## EAST BOSTON.

Maverick street, from Meridian street to Border street, 1,045 feet.

Chelsea street, from Maverick square, a distance of 2,610 feet, to a point 105 feet west of the westerly line of Brooks street, 2,610 feet.

## ROXBURY.

Zeigler street from Warren street to Dearborn street, 1,152 feet.

## WEST ROXBURY.

Belgrade avenue, from South street to Aldrich street, 2,625 feet.

Making a distance of two miles of side streets, as provided by law.

The following data gives the details of the work done by this division:

The losses from sixty-seven fires, due directly or indirectly to electrical causes, were \$5,728.68, one fire not being adjusted for losses on contents. These fires have received the attention of this division.

All electrical construction which comes under the supervision of this division has received attention.

No violation of the law relating to electrical construction has necessitated court action during the year.

The total income was \$34,283.11.

During the year the division was transferred from City Hall Annex to Fire Headquarters with the exception of the Permit Branch, which still remains in Room 906, City Hall Annex.

The testing equipment of the Division formerly located in the laboratory, City Hall Annex, has been removed to the Fire Alarm quarters, Wareham street.



## EXTERIOR DIVISION.

The underground district for the year 1920 as prescribed under authority of chapter 196 of the Special Acts of 1916, comprised the following main and side streets:

## MAIN STREETS.

Adams street, from King square to Minot street, Dorchester.  
Humboldt avenue, from Walnut avenue to Seaver street, Roxbury.  
Market street, from Washington street to Western avenue, Brighton.  
Tremont street, Brighton, from Washington street, a distance of 1,086 feet to within 731 feet of the Newton line.

Making a total distance of three miles, as prescribed by law.

## SIDE STREETS.

Bennington street, East Boston, from Day square, a distance of one half mile easterly to within 327 feet of Moore street.  
Park street, Charlestown, from City square to Common street.  
Wapping street, Charlestown, from Chelsea street to Water street.  
H street, South Boston, from East First street, a distance of one half mile, to within 44 feet of Columbia road.  
I street, South Boston, from East First street, a distance of one half mile, to within 42 feet of Marine road.  
B street, South Boston, from West Broadway, a distance of 1,046 feet, to within 132 feet of West Seventh street.  
Savin Hill avenue, Dorchester, from Dorchester avenue to Pleasant street.

Making a total distance of two miles, as provided by law.

In the prescribed streets, from which poles and overhead wires were to be removed, there were standing on February 1, 1920, a total of three hundred and nine (309) poles (not including the trolley poles of the Boston Elevated Railway Company, which are exempt), supporting three million, one hundred ninety-one thousand one hundred (3,191,100) feet of overhead wires. The num-

ber of poles and feet of overhead wires to be removed by districts are as follows:

Dorchester district, 54 poles and 889,600 feet of overhead wires.  
Roxbury district, 55 poles and 144,500 feet of overhead wires.  
Brighton district, 108 poles and 1,602,000 feet of overhead wires.  
Charlestown district, 9 poles and 17,400 feet of overhead wires.  
East Boston district, 18 poles and 8,100 feet of overhead wires.  
South Boston district, 65 poles and 529,500 feet of overhead wires.

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 poles standing in the streets are stencilled by this department for purpose of identification and are plotted in atlases on file in this department. All poles standing in the city 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, of course, 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 companies owning same, and where conditions warrant it, poles are condemned.

During the past year the inspectors of this division reported two hundred and seventy-seven (277) poles decayed at the base and seventy-six (76) poles leaning, or a total of three hundred and fifty-three (353) poles, which were replaced by new poles or reset by the various companies at the request of this department.

Twenty (20) 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, 1920, to January 31, 1921, inclusive:

|  |        |
|--|--------|
| Number of new poles set in new locations . . .           | 205    |
| Number of poles replaced, reset or straightened . .      | 632    |
| Number of poles removed . . .                            | 22     |
| Number of poles now standing in the public streets . . . | 15,741 |
| Number of defects reported . . .                         | 2,574  |
| Number of defects corrected . . .                        | 2,377  |
| (Other defects in process of correction.)                |        |



|  |           |
|--|-----------|
| Number of notices of overhead construction           | 23,862    |
| Number of overhead inspections                       | 57,729    |
| Number of overhead reports                           | 22,769    |
| Amount of overhead wires removed by owners (in feet) | 1,884,891 |

#### 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 small amount of special underground construction for electric light and power purposes of a type known as the "Split Fiber Solid Main System" has been installed during the year.

The electrical approvals for underground electrical construction numbered two thousand six hundred and twenty-six (2,626).

Number of inspections of underground electrical construction eight thousand seven hundred and thirty-eight (8,738).

Number of reports of underground electrical construction, two thousand four hundred and eleven (2,411).

#### Character of Cable Used by the Various Companies.

| COMPANY.                                     | Kind of Insulation. | Size.                                |
|--|---------------------|--------------------------------------|
| Boston District Messenger Company.           | Rubber and paper.   | 2 and 10 conductor.                  |
| Boston Elevated Railway Company.             | Rubber and paper.   | No. 4-0 and 500,000, 1,000,000 C. M. |
| Charlestown Gas and Electric Company.        | Varnished cambric.  | Nos. 1, 2, 6.                        |
| 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 conductor.                  |
| Mutual District Messenger Company.           | Rubber.             | 10 conductor.                        |
| New England Telephone and Telegraph Company. | Paper.              | 10 to 1,200 pair.                    |
| Postal Telegraph Cable Company.              | Paper.              | 3, 5, 25 pair.                       |
| Schoolhouse Commission (City of Boston).     | Rubber.             | 3, 5, 25 pair, 4 conductor.          |
| Western Union Telegraph Company.             | Paper.              | 10 to 125 pair.                      |

Table Showing Underground Work for the Year 1920.

| COMPANY.                                     | Feet of Conduit. | Feet of Duct. | Feet of Cable. | Number of Manholes. | Number of Services. |
|--|------------------|---------------|----------------|---------------------|---------------------|
| Boston Elevated Railway Company.             | 16,766           | 94,946        | 33,275         | 54                  | 23                  |
| Boston Low Tension Wire Association.         |                  | 110           |                |                     | 1                   |
| Boston District Messenger Company.           |                  |               | 3,150          |                     |                     |
| Charlestown Gas and Electric Company.        | 2,745            | 17,349        | 3,462          | 16                  | 7                   |
| Edison Electric Illuminating Company.        | 56,258           | 402,578       | 971,843        | 401                 | 1,180               |
| Fire Alarm Branch (B. F. D.)                 | 696              | 2,563         | 33,380         | 3                   | 29                  |
| Mutual District Messenger Company.           |                  |               | 325            |                     |                     |
| New England Telephone and Telegraph Company. | 30,142           | 210,255       | 204,597        | 114                 | 164                 |
| Police Signal Service (B. F. D.)             |                  | 350           |                |                     | 4                   |
| Postal Telegraph Cable Company.              | 6,336            | 12,743        | 7,300          | 15                  | 3                   |
| Schoolhouse Commission.                      |                  | 316           | 1,860          | 1                   | 2                   |
| Western Union Telegraph Company.             | 4,808            | 23,296        | 13,880         | 14                  | 5                   |
| Totals.                                      | 117,751          | 704,506       | 1,273,072      | 618                 | 1,418               |

NOTE.—"Split Fiber Solid Main System" of the Edison Electric Illuminating Company is included in the above figures, comprising 7,999 feet of conduit and 15,268 feet of single duct; the main and feeder tube or armored cable of same company are not included; 496 feet of main three-wire tube and 4,039 feet of three-wire armored service cable were laid during the year.

Table Showing the Amount and Distribution of Boston's Electrical Power, January 31, 1921.

| COMPANY.                              | Total Rated Horse Power of Boilers. | Total Rated Output of Engines. | Capacity of Incandescent Lamps in Kilowatts. | Capacity of Arc Lamps in Kilowatts. | Kilowatts of Motors. | Kilowatts, Mixed Load. | Number of Stations. |
|---------------------------------------|-------------------------------------|--------------------------------|--|-------------------------------------|----------------------|------------------------|---------------------|
| Boston Elevated Railway Company.      | 53,020                              | 211,470                        | 4,043  | 5                                   | 369,676              | 75,905                 | 19                  |
| Edison Electric Illuminating Company. | 43,664                              | 235,400                        | 88,003                                       | 2,904                               | 80,935               | 75,585                 | 42                  |
| Charlestown Gas and Electric Company. |                                     |                                | *  | 163                                 | 6,800                | *                      | 1                   |
| Block Plant Electric Light Company.   | 278                                 | 369                            | 277  |                                     |                      |                        |                     |
| A. W. Barnes Steam Specialty Company. | 620                                 | 400                            | 105  |                                     | 106                  |                        | 1                   |
| Sudbury Building Plant.               | 202                                 | 250                            | 32   |                                     | 31                   |                        | 1                   |
| Hanover Street Trust.                 | 500                                 | 400                            | 188  | 33                                  | 138                  |                        | 1                   |
| Totals.                               | 98,284                              | 448,289                        | 92,648                                       | 3,105                               | 457,706              | 151,440                | 65                  |

\* Unknown.



## INTERIOR DIVISION.

As provided by law, there have been twelve hundred two (1,202) inspections made of theaters, places of amusement, and public halls. Where defects are found the parties interested are notified. When not corrected within a reasonable time the company supplying current is notified to discontinue same.

Inspections of old electrical equipments have been carried on in so far as practicable.

Income received for fees to turn current on new wiring was \$4,075.50, and for permits to install wiring or electrical apparatus, \$30,207.61, making a total of \$34,283.11. Sixty-seven fires and three accidents to persons have been investigated as per the following table:

|   |           |
|---|-----------|
| Fires in interior of buildings . . . . .                              | 37        |
| Fires on poles . . . . .  | 6         |
| Manhole explosions . . . . .  | 6         |
| Miscellaneous exterior . . . . .                                      | 12        |
| Car fires . . . . .   | 6         |
| Injuries to persons . . . . .   | 3         |
| Notices of new work received . . . . .                                | 14,886    |
| Number of permits to turn on current . . . . .                        | 8,133     |
| Number of incandescents inspected . . . . .                           | 1,378,574 |
| Number of motors inspected . . . . .                                  | 10,670    |
| Number of buildings in which wiring was completely examined . . . . . | 1,500     |
| Number of inspections made . . . . .                                  | 31,335    |
| Defects reported . . . . .  | 1,550     |
| Defects corrected . . . . .   | 747       |

(Other defects in process of correction.)

LIST OF WIRE DIVISION EMPLOYEES,  
JANUARY 31, 1921.

|  | Salary<br>per Annum. |
|--|----------------------|
| 1 Superintendent . . . . .             | \$3,000 00           |
| 1 Chief Inspector . . . . .            | 2,500 00             |
| 1 Inspector . . . . .                  | 2,000 00             |
| 5 Inspectors . . . . .                 | 1,900 00             |
| 6 Inspectors . . . . .                 | 1,800 00             |
| 8 Inspectors . . . . .                 | 1,700 00             |
| 6 Inspectors . . . . .                 | 1,600 00             |
| 1 Inspector . . . . .                  | 1,500 00             |
| 1 Inspector . . . . .                  | 1,400 00             |
| 1 Permit clerk and inspector . . . . . | 1,800 00             |
| 1 Engineer and architect . . . . .     | 2,200 00             |
| 1 Engineer . . . . .                   | 2,000 00             |
| 1 Chief Clerk . . . . .                | 2,000 00             |
| 1 Clerk and Stenographer . . . . .     | 1,600 00             |
| 1 Clerk . . . . .                      | 1,240 00             |
| 1 Clerk . . . . .                      | 1,200 00             |
| 1 Clerk and Stenographer . . . . .     | 1,200 00             |
| 2 Stenographers . . . . .              | 1,200 00             |
| 1 Chauffeur . . . . .                  | 1,400 00             |
| 1 Driver . . . . .                     | 1,300 00             |
| 1 Stenciller . . . . .                 | 1,300 00             |



STATEMENT OF APPROPRIATION AND EXPENDITURES FROM FEBRUARY 1, 1920, TO JANUARY 31, 1921, INCLUSIVE.

|  |             |                    |
|--|-------------|--------------------|
| Appropriation . . . . .                      |             | <u>\$84,947 75</u> |
| EXPENDITURES.                                |             |                    |
| Salaries and wages:                          |             |                    |
| A-1. Employees . . . . .                     | \$73,545 43 |                    |
| F-7. Pension roll . . . . .                  | 715 00      |                    |
| B-2. Postage . . . . .                       | 100 00      |                    |
| B-3. Advertising . . . . .                   | 97 34       |                    |
| B-4. Car fares, etc. . . . .                 | 2,185 41    |                    |
| B-12. Premium on surety bond . . . . .       | 6 00        |                    |
| B-13. Telephones . . . . .                   | 277 12      |                    |
| B-14. Garage rent . . . . .                  | 113 75      |                    |
| B-35. Fees for chauffeur's license . . . . . | 2 00        |                    |
| B-39. Repairs, etc. . . . .                  | 472 77      |                    |
| C-4. Tires, etc. . . . .                     | 144 48      |                    |
| C-9. Office fittings . . . . .               | 116 25      |                    |
| C-13. Tools . . . . .                        | 23 44       |                    |
| C-16. Badges . . . . .                       | 54 00       |                    |
| D-1. Office forms and stationery . . . . .   | 2,097 34    |                    |
| D-11. Gasolene, etc. . . . .                 | 339 66      |                    |
| D-16. Photographic material . . . . .        | 3 20        |                    |
| E-13. Auto parts and paint . . . . .         | 92 04       |                    |
| Total expenditures . . . . .                 | \$80,293 23 |                    |
| Transferred to Fire Department . . . . .     | 3,309 42    |                    |
| Balance in treasury . . . . .                | 1,345 10    |                    |
|  |             | <u>\$84,947 75</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.
- 2 Robes.
- 2 Blankets.
- 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, JOHN R. MURPHY.  
 Chief Clerk, BENJAMIN F. UNDERHILL.  
 Chief of Department, PETER E. WALSH.  
 First Deputy Chief, JOHN O. TABER, in charge of Bureau of  
 Supplies and Repairs.  
 Superintendent of Repairs, 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.  
 Veterinary Surgeon, DANIEL P. KEOGH.  
 Medical Examiner, WILLIAM J. McNALLY.

## CLERKS.

## (Fire Department.)

James P. Maloney, Assistant Chief Clerk and Supervisor of  
 Pay Accounts, Edward L. Tierney, Chief of License Division—  
 Bureau of Fire Prevention, George F. Murphy, Daniel J.  
 Quinn, Herbert J. Hickey, John J. Coholan, William J. Hurley,  
 Nathan Cohen, Frank M. Fogarty, Charles S. Carroll, Thomas  
 J. Murphy.

## (Wire Division.)

William McSweeney, Timothy A. Connolly, Selina A.  
 O'Brien, Mary E. Fleming, Mary Moran.

## STRENGTH AND PAY JANUARY 31, 1921.

| HEADQUARTERS.  |  | Per Annum. |
|--|--|------------|
| 1 Commissioner . . . . .   |  | \$7,500    |
| 1 Chief clerk . . . . .  |  | 2,500      |
| 1 Assistant chief clerk and supervisor pay ac-<br>counts . . . . . |  | 2,500      |
| 1 Medical examiner . . . . .                                       |  | 2,100      |
| 1 Secretary and stenographer . . . . .                             |  | 2,000      |
| 1 Clerk . . . . .  |  | 2,300      |
| 1 Clerk . . . . .  |  | 2,000      |

## FIRE DEPARTMENT.

59

Per Annum.

|   |       |
|---|-------|
| 1 Clerk . . . . .                           | 1,200 |
| 1 Assistant engineer (messenger)* . . . . . | 1,800 |
| 2 Hosemen (clerks)* . . . . .               | 1,800 |

11

## FIRE PREVENTION BUREAU.

|  |         |
|--|---------|
| 1 Chief License Bureau . . . . .                 | \$2,500 |
| 1 Chief inspector (lieutenant)* . . . . .        | 2,300   |
| 1 Clerk . . . . .                                | 1,700   |
| 1 Clerk . . . . .                                | 1,200   |
| 1 Constable . . . . .                            | 1,400   |
| 13 Hosemen and laddermen (inspectors)* . . . . . | 1,800   |

18

## FIRE FIGHTING BRANCH.

|  |         |
|--|---------|
| 1 Chief of Department . . . . .            | \$5,000 |
| 3 Deputy chiefs . . . . .                  | 4,000   |
| 15 District chiefs . . . . .               | 3,500   |
| 63 Captains . . . . .                      | 2,500   |
| 90 Lieutenants . . . . .                   | 2,300   |
| 1 Aide-to-chief (lieutenant) . . . . .     | 2,300   |
| 1 Aide-to-Commissioner (private) . . . . . | 1,800   |
| 3 Engineers (marine) . . . . .             | 2,000   |
| 47 Engineers . . . . .                     | 1,900   |
| 44 Assistant engineers . . . . .           | 1,800   |
| 4 Assistant engineers . . . . .            | 1,500   |
| 897 Privates (2 in war service included):  |         |
| 530 . . . . .                              | 1,800   |
| 17 . . . . .                               | 1,700   |
| 321 . . . . .                              | 1,500   |
| 29 . . . . .                               | 1,400   |

1,167

## BUREAU OF SUPPLIES AND REPAIRS.

|   |         |
|---|---------|
| 1 Deputy chief in charge* . . . . .                       | \$4,000 |
| 1 Superintendent . . . . .                                | 3,500   |
| 1 Shop foreman . . . . .                                  | 2,000   |
| 1 Lieutenant, foreman of hose and harness shop* . . . . . | 2,300   |
| 1 Auto engineer (engineer*) . . . . .                     | 2,200   |
| 1 Master plumber (engineer*) . . . . .                    | 1,900   |
| 1 Master carpenter (hoseman*) . . . . .                   | 1,800   |
| 1 Master painter . . . . .                                | 1,800   |
| 1 Foreman auto mechanics . . . . .                        | 1,800   |
| 1 Machinist (engineer*) . . . . .                         | 1,900   |
| 11 Privates* . . . . .                                    | 1,800   |
| 1 Private* . . . . .                                      | 1,700   |

\* Detailed from Fire-fighting Branch.



|   | Per Annum.           |
|---|----------------------|
| 2 Privates* . . . . .                       | 1,500                |
| 1 Clerk in charge . . . . .                 | 1,900                |
| 1 Clerk . . . . .                           | 1,500                |
| 1 Clerk . . . . .                           | 1,200                |
| 2 Clerks (hosemen*) . . . . .               | 1,800                |
| 1 Storekeeper* . . . . .                    | 2,000                |
| <hr/>                                       |                      |
| 1 Engineer . . . . .                        | Per Week.<br>\$40 00 |
| <hr/>                                       |                      |
| 3 Firemen . . . . .                         | Per Day.<br>\$5 50   |
| 1 Plumber . . . . .                         | 5 40                 |
| 1 Steamfitter . . . . .                     | 5 00                 |
| 1 Leading painter . . . . .                 | 5 25                 |
| 7 Painters . . . . .                        | 5 00                 |
| 2 Wheelwrights . . . . .                    | 5 00                 |
| 1 Leading machinist . . . . .               | 5 25                 |
| 3 Machinists . . . . .                      | 5 00                 |
| 10 Auto repairers . . . . .                 | 5 00                 |
| 1 Leading blacksmith . . . . .              | 5 25                 |
| 4 Blacksmiths . . . . .                     | 5 00                 |
| 5 Blacksmith's helpers . . . . .            | 4 25                 |
| 3 Carpenters . . . . .                      | 5 00                 |
| 2 Hose and harness repairers . . . . .      | 5 00                 |
| 1 Hose and harness repairer . . . . .       | 4 50                 |
| 1 Boiler repairer and iron worker . . . . . | 5 00                 |
| 1 Vulcanizer . . . . .                      | 4 50                 |
| 1 Chauffeur . . . . .                       | 4 50                 |
| 2 Teamsters . . . . .                       | 4 00                 |

81

## FIRE ALARM BRANCH.

|   | Per Annum. |
|---|------------|
| 1 Superintendent . . . . .                              | \$3,500    |
| 1 Chief operator and assistant superintendent . . . . . | 3,000      |
| 1 Supervising operator . . . . .                        | 2,300      |
| 4 Principal operators . . . . .                         | 2,300      |
| 2 Operators . . . . .                                   | 2,200      |
| 6 Assistant operators . . . . .                         | 1,800      |
| 1 Assistant operator . . . . .                          | 1,500      |

16

## CONSTRUCTION FORCE.

|                               |         |
|-------------------------------|---------|
| 1 Foreman . . . . .           | \$2,700 |
| 1 Assistant foreman . . . . . | 2,200   |
| 1 Stockman . . . . .          | 1,800   |

\* Detailed from Fire-fighting Branch.

## FIRE DEPARTMENT.

61

|   | Per Day. |
|---|----------|
| 1 Machinist . . . . .   | \$5 25   |
| 2 Machinists . . . . .  | 5 00     |
| 18 Cable splicers and wiremen, linemen and re-<br>pairers . . . . . | 5 45     |
| 2 Laborers . . . . .  | 4 00     |

42

## VETERINARY HOSPITAL BRANCH.

|                                | Per Annum.         |
|--------------------------------|--------------------|
| 1 Veterinarian . . . . .       | \$3,000            |
| 3 Hostlers (average) . . . . . | Per Day.<br>\$4 00 |

4



## CHIEF OF DEPARTMENT.

PETER E. WALSH.

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*, HENRY A. FOX.

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

## District 1.

*District Chief*, FITZGERALD M. O'LALOR.

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*, WILLIAM E. RILEY.

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, Rescue 1

## District 4.

*District Chief*, EDWARD J. SHALLOW.

Headquarters, Engine House, 4 Bulfinch Street.

*Apparatus Located in the District.*—Engines 4, 6, 8,  
Ladders 1, 24, Chemical 1, 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.

## DIVISION 2.

*Deputy Chief*, WALTER M. McLEAN.

Headquarters, Engine House 22, Warren Avenue.

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

## District 6.

*District Chief*, JAMES J. CAINE.

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*, DANIEL F. SENNOTT.

Headquarters, Ladder House 4, Dudley Street.

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, Chemical 10.*District 10.**District Chief, FRANCIS J. JORDAN.*

Headquarters, Engine House 18, Harvard Street, Dorchester.

*Apparatus Located in the District.*—Engines 17, 18, Ladders 7, 29, Chemical 11.*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, Chemical 5.*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, Ladders 16, 25, Chemical 13.*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 18.          |
| 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.                        |
| Norfolk street, Dorchester.....                            | 7,083                  | 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. | .....                  | Engine 31, fireboat.              |



## 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.

Repair Shop, 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.

Coal station, old Charles River Bridge, on land of Public Works Department.

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.

## LEASED BUILDING.

About 800 square feet of shed on Sleeper street (New Haven Terminal Stores) used as a coal station.



## CANNEL COAL STATIONS.

## DIVISION 1.

| District.  | Location.                 | Capacity.<br>(Tons.) | Wagons. |
|------------|---------------------------|----------------------|---------|
| 1.....     | Engine 11.....            | 12                   | 1       |
| 1.....     | Engine 40.....            | 20                   | 2       |
| 2.....     | Engine 36.....            | 35                   | 1       |
| 2.....     | Ladder 9.....             | 35                   | 2       |
| 3.....     | Sleeper street.....       | 45                   | 3       |
| 3.....     | Ladder 18.....            | 1                    |         |
| 4.....     | Ladder 24.....            | 16                   | 2       |
| 4.....     | Charles River avenue..... | 50                   | 2       |
| 5.....     | Engine 26.....            | 20                   | 1       |
| Total..... |                           |                      | 14      |

## DIVISION 2.

|            |                    |    |    |
|------------|--------------------|----|----|
| 5.....     | Chemical 2.....    | 35 | 2  |
| 6.....     | Engine 2.....      | 20 | 1  |
| 6.....     | Fourth street..... | 40 | 2  |
| 7.....     | Engine 33.....     | 25 | 1  |
| 8.....     | Engine 13.....     | 40 | 1  |
| 8.....     | Engine 14.....     | 10 | 1  |
| 8.....     | Ladder 12.....     | 10 | 1  |
| 8.....     | Engine 37.....     | 20 | 1  |
| 11.....    | Engine 29.....     | 7  | 1  |
| 11.....    | Engine 34.....     | 7  | 1  |
| 11.....    | Engine 41.....     | 10 | 1  |
| Total..... |                    |    | 13 |

## DIVISION 3.

| District.  | Location.      | Capacity.<br>(Tons.) | Wagons. |
|------------|----------------|----------------------|---------|
| 9.....     | Engine 12..... | 5                    | 1       |
| 9.....     | Engine 21..... | 6                    | 1       |
| 9.....     | Engine 23..... | 5                    | 1       |
| 9.....     | Engine 24..... | 7                    | 1       |
| 10.....    | Engine 17..... | 3                    | 1       |
| 10.....    | Engine 18..... | 5                    | 1       |
| 12.....    | Engine 28..... | 20                   | 1       |
| 12.....    | Engine 30..... | 9                    | 1       |
| 12.....    | Engine 42..... | 9                    | 1       |
| 12.....    | Engine 45..... | 9                    | 1       |
| 14.....    | Engine 16..... | 5                    | 1       |
| 14.....    | Engine 20..... | 7                    | 1       |
| 14.....    | Engine 46..... | 4                    |         |
| 15.....    | Engine 19..... | 8                    | 1       |
| 15.....    | Engine 48..... | 19                   | 1       |
| 15.....    | Hose 49.....   | 1                    |         |
| Total..... |                |                      | 14      |

## APPARATUS IN SERVICE IN DEPARTMENT.

| Motor.                     | Horse.           |
|----------------------------|------------------|
| 29 Motor-drawn engines.    | 17 Engines.      |
| 2 Steam-propelled engines. | 17 Hose wagons.  |
| 24 Hose cars.              | 8 Ladder trucks. |
| 1 High pressure hose car.  | 2 Chemicals.     |
| 22 Ladder trucks.          |                  |
| 5 Chemicals.               |                  |
| 3 Water towers.            |                  |
| 1 Rescue car.              |                  |
| 1 Wrecker.                 |                  |
| 33 Automobiles.            |                  |
| 7 Delivery trucks.         |                  |

128

44



## APPARATUS IN RESERVE.

- |  |                  |
|--|------------------|
| 8 Engines.   | 9 Engines.       |
| 5 Hose cars.   | 11 Hose wagons.  |
| 2 High pressure hose cars.   | 5 Ladder trucks. |
| 6 Ladder trucks.   | 3 Chemicals.     |
| 1 Water tower.   | 41 Fuel wagons.  |
| 9 Automobiles.   | 3 Manure wagons. |
| 3 Old Buick roadsters being reconstructed for use as fuel and delivery trucks. |                  |
| 1 Pierce-Arrow chassis being fitted for rescue car.                            |                  |

163

116

## MISCELLANEOUS APPARATUS.

- 1 Old Velie roadster (unfit for service) at Department Automobile School, being used for instruction purposes.
- 2 Old Ford delivery trucks (unfit for service) at Department Automobile School, being used for instruction purposes.
- 1 Old Robinson hose car being dismantled and parts being used for replacements on this type apparatus now in service in the department.

## MARINE APPARATUS.

- 3 Fireboats.

## FIRE DEPARTMENT.

## ENGINES.

| Number. | Built by                                      | Put in Service. | Rebuilt by                        | Date.      | Cylinder Diameter of | Pump Diameter of | Stroke. | Size.   | Weight (Pounds). |
|---------|---|-----------------|-----------------------------------|------------|----------------------|------------------|---------|---------|------------------|
| 1.....  | Saggrave Company (Triple combination pumper.) | June 20, 1917   | .....                             | 1917       | 5 1/2                | *                | 6 1/2   | First.  | 15,500           |
| 2.....  | Manchester Locomotive.....                    | 1917            | American Fire Engine Company...   | 1906       | 6 1/2                | 4 1/2            | 8       | Third.  | 8,400            |
| 3.....  | (Christie Tractor.....)                       | June 16, 1917   | .....                             | .....      | 9                    | 5 1/2            | 8       | First.  | 13,140           |
| 4.....  | American Fire Engine Company.....             | Jan., 1904      | .....                             | .....      | 8 1/2                | 5                | 8       | First.  | 10,220           |
| 5.....  | International Power Company.....              | 1907            | .....                             | .....      | 5 1/2                | *                | 6       | First.  | 11,300           |
| 6.....  | American-La France (Motor pumper.)            | Jan., 1919      | .....                             | 1910       | 7 1/2                | 4 1/2            | 8       | Second. | 8,500            |
| 7.....  | Amoskeag Manufacturing Company.....           | 1870            | American-British Company.....     | 1914       | 9                    | 5 1/2            | 8       | First.  | 9,900            |
| 8.....  | American Fire Engine Company.....             | Feb., 1893      | American-La France Company.....   | 1907       | 9                    | 5 1/2            | 8       | First.  | 12,980           |
| 9.....  | (Christie Tractor.....)                       | July 5, 1917    | .....                             | .....      | 7                    | 4 1/2            | 8       | Second. | 9,150            |
| 10..... | American-La France Company.....               | May 1907        | American Fire Engine Company..... | 1902       | 8                    | 4 1/2            | 8       | Second. | 14,500           |
| 11..... | Silby Manufacturing Company.....              | Apr., 1890      | American Fire Engine Company..... | June, 1914 | 8                    | 4 1/2            | 8       | Second. | 8,900            |
| 12..... | (American-La France pumper.)                  | Sept. 3, 1920   | .....                             | 1903       | 5 1/2                | *                | 6       | First.  | 11,300           |
| 13..... | American-La France (Triple pumper.)           | July 3, 1914    | .....                             | June, 1914 | 5 1/2                | .....            | 6       | First.  | 11,200           |



## Engines.—Continued.

| NUMBER. | Built by   | Put in Service. | Rebuilt by                           | Date. | Diameter of Cylinder. | Diameter of Pump. | Stroke. | Size.   | Weight (Pounds.) |
|---------|--|-----------------|--------------------------------------|-------|-----------------------|-------------------|---------|---------|------------------|
| 12..... | International Power Company.....                 | Dec., 1911      | American-British Company.....        | 1911  | 71                    | 41                | 8       | Second. | 9,250            |
| 13..... | Clapp & Jones Manufacturing Com-<br>pany.        | April, 1890     | American Fire Engine Company.....    | 1899  | 81                    | 5                 | 7       | Second. | 9,150            |
| 14..... | Sagrove Company. (Triple com-<br>bination pump.) | Aug. 12, 1916   |                                      | 1916  | 51                    | *                 | 61      | First.  | 16,420           |
| 15..... | Anoskeag Manufacturing Company.                  | July 30, 1920   | J. B. Fillett & Son.....             | 1919  | 81                    | 5                 | 8       | First.  | 14,350           |
| 16..... | Christie Tractor.....                            | July 30, 1920   | American-British Company.....        | 1910  | 71                    | 41                | 8       | Second. | 8,740            |
| 17..... | Anoskeag Manufacturing Company.                  | July, 1872      | International Power Company.....     | 1907  | 71                    | 41                | 8       | Second. | 12,380           |
| 18..... | Christie Tractor.....                            | Jan. 7, 1916    | International Power Company.....     | 1905  | 61                    | 4                 | 8       | Fourth. | 8,175            |
| 19..... | Anoskeag Manufacturing Company.                  | Nov., 1890      | Manchester Locomotive.....           | 1917  | 51                    | *                 | 61      | First.  | 16,420           |
| 20..... | Sagrove Company. (Triple com-<br>bination pump.) | July 2, 1917    |                                      | 1909  | 61                    | 41                | 8       | Third.  | 7,950            |
| 21..... | Manchester Locomotive Works.....                 | Feb., 1896      | Anoskeag Manufacturing Com-<br>pany. | 1907  | 71                    | 41                | 8       | Second. | 12,500           |
| 22..... | Christie Tractor.....                            | Jan. 12, 1916   | International Power Company.....     | 1915  | 71                    | 41                | 8       | Second. | 12,340           |
| 23..... | Anoskeag Manufacturing Company.                  | Sept., 1870     |                                      |       |                       |                   |         |         |                  |
| 24..... | Christie Tractor.....                            | Sept. 15, 1917  |                                      |       |                       |                   |         |         |                  |
| 25..... | Manchester Locomotive Works.....                 | Nov., 1896      |                                      |       |                       |                   |         |         |                  |

## FIRE DEPARTMENT.

| NUMBER. | Built by                                   | Put in Service. | Rebuilt by                       | Date. | Diameter of Cylinder. | Diameter of Pump. | Stroke. | Size.                     | Weight (Pounds.) |
|---------|--|-----------------|----------------------------------|-------|-----------------------|-------------------|---------|---------------------------|------------------|
| 26..... | American-La France pumper.....             | May, 1920       | American Locomotive.....         | 1904  | 51                    | 6                 | 6       | First.                    | 11,300           |
| 27..... | Anoskeag Manufacturing Company.            | July, 1897      |                                  |       | 71                    | 41                | 8       | Second.                   | 8,418            |
| 28..... | Christie Tractor.....                      | May 15, 1915    |                                  |       | 9                     | 51                | 8       | First.                    | 15,000           |
| 29..... | American-La France Company.....            | Dec., 1910      |                                  |       | 51                    | 6                 | 6       | First.                    | 11,300           |
| 30..... | Anoskeag Manufacturing Company.            | Dec. 10, 1920   | American Fire Engine.....        | 1899  | 8                     | 41                | 8       | Second.                   | 9,118            |
| 31..... | Metropolitan Fire Engine Company.          | May, 1920       |                                  |       | 51                    | 6                 | 6       | Second.                   | 10,500           |
| 32..... | American-La France pumper.....             | April 13, 1920  | Department shops.....            |       | 71                    | 41                | 8       | Second.                   | 9,250            |
| 33..... | American-British Manufacturing<br>Company. | Jan., 1911      |                                  |       | 61                    | 4                 | 8       | Fourth.                   | 8,275            |
| 34..... | Manchester Locomotive Works.....           | Nov., 1890      | International Power Company..... | 1910  | 17                    | 10                | 11      | 1 pump,<br>3,000 gallons. | 104<br>tons.     |
| 35..... | G. F. Blake Manufacturing Com-<br>pany.    | Nov., 1914      |                                  |       | 71                    | 41                | 8       | Second.                   | 9,100            |
| 36..... | Anoskeag Manufacturing Company.            | June, 1907      |                                  |       | 71                    | 41                | 8       | Second.                   | 13,150           |
| 37..... | Christie Tractor.....                      | July 28, 1915   |                                  |       | 71                    | 41                | 8       | Second.                   | 8,200            |
| 38..... | International Power Company.....           | Feb., 1899      | American-British Company.....    | 1904  | 71                    | 41                | 8       | Second.                   | 10,500           |
| 39..... | Anoskeag Manufacturing Company.            | Dec., 1899      |                                  |       | 51                    | 6                 | 6       | Second.                   | 13,910           |
| 40..... | American-La France pumper.....             | Dec. 10, 1920   |                                  |       | 81                    | 51                | 8       | First.                    | 10,500           |
| 41..... | Christie Tractor.....                      | Aug. 13, 1917   |                                  | 1917  | 51                    | 6                 | 6       | Second.                   | 13,910           |
| 42..... | International Power Company.....           | Nov., 1909      |                                  |       | 51                    | 6                 | 6       | Second.                   | 10,500           |
| 43..... | American-La France pumper.....             | Oct. 18, 1920   |                                  |       | 91                    | 51                | 8       | Double extra first.       | 18,170           |
| 44..... | Manchester Locomotive Works.....           | June, 1897      | J. B. Fillett & Son.....         | 1917  | 81                    | 5                 | 8       | First.                    | 14,300           |
| 45..... | Christie Tractor.....                      | May 10, 1917    |                                  |       |                       |                   |         |                           |                  |
| 46..... | Manchester Locomotive Works.....           | June, 1901      | American-British Company.....    | 1915  | 81                    | 5                 | 8       | First.                    | 14,300           |



## Engines.—Concluded.

| NUMBER. | Built by  | Put in Service. | Rebuilt by                       | Date. | Diameter of Cylinder. | Diameter of Pump. | Stroke. | Size.                            | Weight (Pounds.) |
|---------|---|-----------------|----------------------------------|-------|-----------------------|-------------------|---------|----------------------------------|------------------|
| 40..... | American Locomotive Company.....                          | Jan., 1906      | .....                            | ..... | 8½                    | 5                 | 8       | First.                           | 10,550           |
| 41..... | American-La France pump.....                              | Jan. 26, 1921   | .....                            | ..... | 5½                    | .....             | 6       | Second.                          | 10,500           |
| 42..... | Christie Tractor.....                                     | Sept. 17, 1920  | .....                            | ..... | 7½                    | 4½                | 8       | Second.                          | 13,000           |
| 43..... | Amoskeag Manufacturing Company.....                       | Dec. 20, 1915   | .....                            | ..... | 7½                    | 4½                | 8       | Second.                          | 12,580           |
| 44..... | Amoskeag Manufacturing Company.....                       | Nov., 1887      | American Locomotive Company..... | 1904  | 12½ H. P.<br>18 L. P. | 10                | 11      | (2 sets of pumps, 6,000 gallons. | 178 tons.        |
| 45..... | American-La France Company.<br>(Triple combination pump.) | Aug., 1895      | .....                            | ..... | 5½                    | .....             | 6       | First.                           | 11,540           |
| 46..... | American-La France Company.<br>(Triple combination pump.) | Aug. 2, 1914    | .....                            | ..... | 5½                    | .....             | 6       | Second.                          | 10,500           |
| 47..... | American-La France pump.....                              | Oct. 25, 1920   | .....                            | ..... | 12 H. P.<br>22 L. P.  | 10                | 11      | (2 sets of pumps, 6,000 gallons. | 179 tons.        |
| 48..... | G. F. Blake Manufacturing Company.<br>pump.               | Aug., 1909      | .....                            | ..... | 7½                    | 4½                | 8       | Second.                          | 12,100           |
| 49..... | Christie Tractor.....                                     | Oct. 25, 1920   | .....                            | ..... | .....                 | .....             | .....   | .....                            | 12,000           |
| 50..... | American Locomotive Company.....                          | July 25, 1918   | .....                            | 1918  | .....                 | .....             | .....   | .....                            | 11,500           |
| 51..... | Sagave Combination hose and chemical car.                 | July 25, 1918   | .....                            | ..... | 5½                    | .....             | 6       | First.                           | 12,000           |
| 52..... | American-La France pump.....                              | 1919            | .....                            | ..... | .....                 | .....             | .....   | .....                            | .....            |
| 53..... | American-La France Company.<br>(Triple combination pump.) | July 12, 1920   | .....                            | ..... | .....                 | .....             | .....   | .....                            | .....            |

## In Reserve.

| NUMBER.    | Built by  | Put in Service. | Rebuilt by                       | Date. | Diameter of Cylinder. | Diameter of Pump. | Stroke. | Size.   | Weight (Pounds.) |
|------------|---|-----------------|----------------------------------|-------|-----------------------|-------------------|---------|---------|------------------|
| 113-T..... | Christie Tractor (American Locomotive Company)                            | July, 1903      | Manchester Locomotive Works..... | 1916  | 8½                    | 5                 | 8       | First.  | 14,240           |
| 115-T..... | Christie Tractor (American International Power Company)                   | Feb., 1909      | .....                            | ..... | 8½                    | 5½                | 8       | First.  | 14,240           |
| 105-T..... | Christie Tractor (International Power Company)                            | 1909            | .....                            | 1916  | 7½                    | 4½                | 8       | Second. | 12,400           |
| 119-T..... | Christie Tractor (International Power Company)                            | 1916            | .....                            | ..... | 7½                    | 4½                | 8       | Second. | 12,400           |
| 104-P..... | Robinson Fire Apparatus Manufacturing Company. (Triple combination pump.) | Dec., 1914      | .....                            | ..... | 6½                    | .....             | 6½      | .....   | 16,000           |
| 125-P..... | American-La France. (Combination pump.)                                   | Nov., 1919      | .....                            | ..... | 5½                    | .....             | 6       | .....   | 10,500           |
| 127-P..... | American-La France. (Triple combination pump.)                            | Feb., 1920      | .....                            | ..... | 5½                    | .....             | 6       | .....   | 11,500           |
| 137-P..... | American-La France. (Combination pump.)                                   | 1920            | .....                            | ..... | 5½                    | .....             | 6       | .....   | 10,500           |



## HORSE-DRAWN (IN RESERVE).

| Number.      | Built by      | Put in Service. | Diameter of Cylinder. | Diameter of Pump. | Stroke. | Size.   | Weight (Pounds.) |
|--------------|---------------|-----------------|-----------------------|-------------------|---------|---------|------------------|
| 12 46 44 653 | Amoskeag.     | 1902            | 6½                    | 4                 | 8       | Third.  | 8,000            |
| 12 562       | Amoskeag.     | 1904            | 6½                    | 4½                | 8       | Third.  | 8,000            |
| 23 534       | Amoskeag.     | 1905            | 6½                    | 4½                | 8       | Third.  | 8,000            |
| 23 954       | Metropolitan. | 1890            | 8                     | 4½                | 8       | Second. | 9,000            |
| 849          | Metropolitan. | 1907            | 8                     | 4½                | 8       | Second. | 9,000            |
| 757          | Metropolitan. | 1900            | 8                     | 4½                | 8       | Second. | 9,000            |
| 2367         | Clapp & Jones | 1907            | 9                     | 5½                | 8       | First.  | 10,000           |
| 19 125 720   | Amoskeag.     | 1901            | 7½                    | 4½                | 8       | Third.  | 9,000            |
| 21 283       | Amoskeag.     | 1901            | 7½                    | 4½                | 8       | Third.  | 9,000            |

## HOSE WAGONS (IN RESERVE).

Eleven (11) horse-drawn.  
 One (1) Seagrave combination hose and chemical (motor).  
 Four (4) American-La France combination hose and chemical (motor).  
 One (1) American-La France hose wagon (motor).  
 One (1) American-La France high pressure hose car (motor).

## LADDER TRUCKS.

| Number. | Built by                                       | Put in Service. | Rebuilt by              | Feet of Ladders. | Number of Ladders. | Weight (Pounds.) |
|---------|--|-----------------|-------------------------|------------------|--------------------|------------------|
| 1.      | American-La France Company (75-foot)           | 1919            | Motor driven.           | 385              | 11                 | 19,000           |
| 2.      | Abbott-Downing Company.                        | 1899            |                         | 439              | 12                 | 10,500           |
| 3.      | Abbott-Downing Company.                        | June 2, 1886    | Department Repair Shop. | 472              | 14                 | 9,450            |
| 4.      | American-La France Company (85-foot)           | Sept. 28, 1914  | Motor driven.           | 331              | Aerial.            | 21,040           |
| 5.      | Seagrave Company (75-foot)                     | June 20, 1917   | Motor-driven.           | 339              | Aerial.            | 25,130           |
| 6.      | Christie Tractor.                              | March 2, 1917   |                         | 232              | 17                 | 13,400           |
| 7.      | C. N. Perkins & Co. Aut.                       | Aut. 1905       |                         | 267              | 12                 | 12,000           |
| 8.      | Robinson Fire Apparatus Manufacturing Company. | Dec. 9, 1914    | Motor driven.           | 404              | Aerial.            | 20,000           |
| 9.      | American-La France Company (85-foot)           | Sept. 23, 1920  | Motor driven.           | 367              | 15                 | 10,940           |
| 10.     | Abbott-Downing Company.                        | 1884            |                         | 307              | 12                 | 10,000           |
| 11.     | American-La France Company.                    | Oct., 1920      | Motor driven.           | 397              | 14                 | 10,550           |
| 12.     | American-La France. (City service truck.)      | Jan. 27, 1921   | Motor driven.           | 300              | Aerial.            | 17,630           |
| 13.     | Christie Tractor.                              | April, 1915     |                         | 317              | Aerial.            | 16,600           |
| 14.     | Christie Tractor.                              | July 21, 1915   |                         | 316              | Aerial.            | 17,600           |
| 15.     | Christie Tractor.                              | June 5, 1917    |                         | 335              | Aerial.            | 18,000           |
| 16.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 17.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 18.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 19.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 20.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 21.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 22.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 23.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 24.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 25.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 26.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 27.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 28.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 29.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 30.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 31.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 32.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 33.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 34.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 35.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 36.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 37.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 38.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 39.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 40.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 41.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 42.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 43.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 44.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 45.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 46.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 47.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 48.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 49.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 50.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 51.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 52.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 53.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 54.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 55.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 56.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 57.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 58.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 59.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 60.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 61.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 62.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 63.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 64.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 65.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 66.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 67.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 68.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 69.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 70.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 71.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 72.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 73.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 74.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 75.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 76.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 77.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 78.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 79.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 80.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 81.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 82.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 83.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 84.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 85.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 86.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 87.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 88.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 89.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 90.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 91.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 92.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 93.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 94.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 95.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 96.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 97.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 98.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 99.     | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |
| 100.    | Christie Tractor.                              | April 18, 1917  |                         |                  |                    |                  |



## Ladder Trucks.—Concluded.

| Number. | Built by                                     | Put in Service. | Rebuilt by    | Feet of Ladders. | Number of Ladders. | Weight (Pounds.) |
|---------|--|-----------------|---------------|------------------|--------------------|------------------|
| 16..... | Christie Tractor.....                        | Dec. 21, 1915   |               | 298              | 15                 | 13,440           |
| 17..... | Fire Department Repair Shop.....             | Sept., 1888     |               |                  |                    |                  |
|         | Christie Tractor.....                        | July 27, 1915   |               | 281              | Aerial.            | 17,100           |
| 18..... | Seagrave Company (75-foot).....              | June, 1911      |               |                  |                    |                  |
|         | Christie Tractor.....                        | May 21, 1915    |               | 362              | Aerial.            | 17,925           |
| 19..... | Seagrave Company (85-foot).....              | April, 1910     |               |                  |                    |                  |
|         | Fire Extinguisher Manufacturing Company..... | Jan., 1898      |               | 172              | 8                  | 6,337            |
| 20..... | Christie Tractor.....                        | Oct. 27, 1915   |               | 242              | 8                  | 13,100           |
| 21..... | Charles N. Perkins Company.....              | Dec. 30, 1902   |               |                  |                    |                  |
|         | American-La France Company.....              | Dec. 10, 1913   | Motor driven. | 245              | 10                 | 11,500           |
| 22..... | Christie Tractor.....                        | June 11, 1917   |               | 207              | 9                  | 13,500           |
| 23..... | Charles T. Holloway.....                     | Jan., 1898      |               |                  |                    |                  |
|         | American-La France Company.....              | Dec., 1910      |               | 197              | 9                  | 7,300            |
| 24..... | Charles T. Holloway.....                     | Oct., 1901      |               | 221              | 7                  | 7,100            |
| 25..... | Christie Tractor.....                        | April 24, 1917  |               |                  |                    |                  |
|         | Charles T. Holloway.....                     | April 25, 1900  |               | 166              | 7                  | 13,440           |
| 26..... | American-La France Company.....              | Nov., 1908      |               | 262              | 7                  | 6,435            |
| 27..... | Charles N. Perkins.....                      | Nov., 1901      |               | 224              | 9                  | 8,000            |
| 28..... | American-La France Company.....              | Nov., 1920      | Motor driven. | 366              | 12                 | 10,000           |
| 29..... | American-La France Company.....              | Jan. 23, 1913   | Motor driven. | 263              | 10                 | 8,900            |
| 30..... | American-La France Company.....              | March 5, 1913   | Motor driven. | 263              | 10                 | 8,900            |

## In Reserve.

| Number.    | Built by   | Date. | Weight (Pounds.) |
|------------|--|-------|------------------|
| 213-T..... | Christie Tractor.....                              | 1868  | 12,030           |
|            | Charles T. Holloway.....                           |       |                  |
| 216-T..... | Christie Tractor.....                              | 1874  | 8,000            |
|            | Hunnehan & Co.....                                 |       |                  |
| 217-T..... | Christie Tractor.....                              | 1872  | 15,200           |
|            | Wagh & Co.....                                     |       |                  |
| 225.....   | American-La France Company. (85-foot aerial.)..... | 1919  | 20,000           |
| 229.....   | American-La France Company. (85-foot aerial.)..... | 1919  | 20,000           |
| 208.....   | Seagrave. (85-foot aerial.).....                   | 1915  | 25,500           |

There are also five (5) horse-drawn city service trucks, ranging in weights from 6,000 to 10,000 pounds. There are four (4) condemned city service trucks, awaiting disposition, two (2) at Ladder 12's quarters and two (2) at the Veterinary Hospital.



## CHEMICAL ENGINES.

| Number. | Built by                           | Put in Service. | Remarks.                       | Capacity.<br>Gallons. | Weight.<br>Pounds. |
|---------|------------------------------------|-----------------|--------------------------------|-----------------------|--------------------|
| 1.....  | American-La France Company.....    | Dec., 1910      | .....                          | 100                   | 5,400              |
| 5.....  | American-La France Company.....    | May 14, 1913    | Combination, motor driven..... | 35                    | 7,750              |
| 7.....  | Babcock Manufacturing Company..... | Sept. 27, 1876  | Altered by Hinman, 1886.....   | 100                   | 4,880              |
| 10..... | Seagrave Company.....              | Feb. 10, 1917   | Combination, motor driven..... | 235                   | 11,300             |
| 11..... | American-La France Company.....    | April 18, 1913  | Combination, motor driven..... | 40                    | 8,790              |
| 13..... | Knox Automobile Company.....       | Dec. 3, 1914    | Combination, motor driven..... | 35                    | 9,100              |

*In Reserve.*

| Number. | Built by                           | Put in Service. | Remarks.          | Capacity.<br>Gallons. | Weight.<br>Pounds. |
|---------|------------------------------------|-----------------|-------------------|-----------------------|--------------------|
| 1.....  | Babcock Manufacturing Company..... | 1890            | Horse driven..... | 100                   | 4,580              |
| 2.....  | Babcock Manufacturing Company..... | 1874            | Horse drawn.....  | 100                   | 5,780              |

NOTE.—Seven (7) horse-drawn chemicals have been set aside, to be eventually sold.

## WATER TOWERS.

| Number.          | Built by  | Put in Service. | Weight.<br>(Pounds.) |
|------------------|---|-----------------|----------------------|
| 1.....           | American-La France 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   | 10,030               |

Towers are equipped with American-British Company tractors.



## TOOLS AND MACHINERY IN REPAIR SHOP.

| Blacksmith Shop.       | Boiler Room.  | Hose and Harness Shop.  | Engine Room.   | Wheelwright and Machine Shop.  |
|------------------------|---|---|--|--|
| 5 forges.              | 3 vertical tubular boilers, each<br>7½ horse power. | 1 Buckley electric hose test-<br>ing and expanding engine.<br>machines. | 1 25 horse power steam engine<br>cylinder, 9 by 31.<br>1 Knowles triplex pump for<br>hose testing. | 1 each engine lathe, with foot<br>rest, 14 by 14 ft., 10 by<br>9, 14 by 8 and 14 by 6. |
| 1 power hammer.        | 2 Blake boiler feed pumps.                          | 2 electrically-driven sewing<br>machines.                               | 1 15 horse power motor.  | 1 16 by 10 speed lathe.  |
| 1 gas tire heater.     |   | Numerous tools and appli-<br>ances for repairing hose and<br>harnesses. | 2 dynamos and engines which<br>supply current to fire<br>alarm and central station.                | 1 26 by 26 planer, 8-foot bed.   |
| 1 tire upsetter.       |   |   |  | 1 planer, 16 by 29, shaper.  |
| 1 punch and shears.    |   |   |  | 1 radial drill.  |
| 1 lever shears.        |   |   |  | 2 upright drills.  |
| 1 tire roller.         |   |   |  | 1 wall drill.  |
| 2 rubber tire setters. |   |   |  | 1 circular saw.  |
| 1 bolt cutter.         |   |   |  | 1 band saw.  |
| 1 fan blower.          |   |   |  | 1 boring and mortising machine.  |
|                        |   |   |  | 2 buzz planers   |
|                        |   |   |  | 1 grindstone.  |
|                        |   |   |  | Numerous small tools.  |

Also tools for the repair of automobile apparatus.

## EXPENDITURES FOR THE YEAR.

|   |                      |
|---|----------------------|
| Personal service:                       |                      |
| Permanent employees                     | \$2,303,096 79       |
| Temporary employees                     | 646 30               |
| Unassigned                              | 4,163 26             |
|   | <hr/> \$2,307,906 35 |
| Service other than Personal:            |                      |
| Printing and binding                    | \$36 95              |
| Postage                                 | 548 43               |
| Advertising and posting                 | 163 40               |
| Transportation of persons               | 1,213 02             |
| Cartage and freight                     | 297 61               |
| Hire of teams and auto trucks,          | 6,980 50             |
| Light and power                         | 14,849 61            |
| Rent, taxes and water                   | 2,682 23             |
| Communication                           | 2,605 36             |
| Motor vehicle repairs and care,         | 10,971 58            |
| Motorless vehicle repairs               | 480 95               |
| Cleaning                                | 9,174 86             |
| Removal of ashes, dirt and<br>garbage   | 40 00                |
| Examinations                            | 438 00               |
| Testing materials and supplies,         | 132 50               |
| Expert and architect                    | 667 50               |
| Stenographic, copying and in-<br>dexing | 30 00                |
| Fees, etc.                              | 867 98               |
| Boiler inspection                       | 180 00               |
| Photographic and blueprinting,          | 123 13               |
| General plant                           | 35,407 86            |
| Horseshoeing and clipping               | 11,888 25            |
|   | <hr/> 99,779 72      |
| Equipment:                              |                      |
| Cable, wire, etc.                       | \$16,007 97          |
| Machinery                               | 2,375 00             |
| Electrical                              | 6,044 67             |
| Motor vehicles                          | 161,837 24           |
| Stable                                  | 2,284 32             |
| Furniture and fittings                  | 4,692 45             |
| Office                                  | 2,117 59             |
| Library                                 | 2,292 90             |
| Tools and instruments                   | 25,578 74            |
| Live stock                              | 975 00               |
| Wearing apparel                         | 24,564 13            |
| General plant                           | 2,112 58             |
|   | <hr/> 250,882 59     |
| Carried forward                         | <hr/> \$2,658,568 66 |



|                               |              |                |                |
|-------------------------------|--------------|----------------|----------------|
| <i>Brought forward</i>        |              | \$2,658,568 66 |                |
| Supplies:                     |              |                |                |
| Office                        | \$5,730 99   |                |                |
| Food and ice                  | 853 80       |                |                |
| Fuel                          | 100,991 99   |                |                |
| Forage and animal             | 43,785 08    |                |                |
| Medical, surgical, laboratory | 77 39        |                |                |
| Veterinary                    | 99 91        |                |                |
| Laundry, cleaning, toilet     | 3,391 63     |                |                |
| Motor vehicle                 | 22,425 67    |                |                |
| Chemicals and disinfectants   | 2,491 64     |                |                |
| General plant                 | 4,393 99     |                |                |
| Cloth                         | 18,212 86    |                |                |
|                               |              | 202,454 95     |                |
| Materials:                    |              |                |                |
| Building                      | \$18,104 60  |                |                |
| Electrical                    | 4,097 54     |                |                |
| General plant                 | 33,110 65    |                |                |
|                               |              | 55,312 79      |                |
| Special items:                |              |                |                |
| Pensions and annuities        | \$224,690 01 |                |                |
| Workmen's compensation        | 1,813 71     |                |                |
|                               |              | 226,503 72     |                |
|                               |              | \$3,142,840 12 |                |
| Wire Division:                |              |                |                |
| Personal service:             |              |                |                |
| Permanent employees           | \$73,454 43  |                |                |
| Service other than personal:  |              |                |                |
| Postage                       | \$100 00     |                |                |
| Advertising and posting       | 97 34        |                |                |
| Transportation of persons     | 2,185 41     |                |                |
| Premium on surety bond        | 6 00         |                |                |
| Communication                 | 277 12       |                |                |
| Motor vehicle                 | 113 75       |                |                |
| Fees, etc.                    | 2 00         |                |                |
| General plant                 | 472 77       |                |                |
|                               |              | 3,254 39       |                |
| Equipment:                    |              |                |                |
| Motor vehicle                 | \$144 48     |                |                |
| Office                        | 116 25       |                |                |
| Tools and instruments         | 22 44        |                |                |
| Wearing apparel               | 54 00        |                |                |
|                               |              | 337 17         |                |
| <i>Carried forward</i>        |              | \$77,045 99    | \$3,142,840 12 |

## FIRE DEPARTMENT.

|                        |             |                       |
|------------------------|-------------|-----------------------|
| <i>Brought forward</i> | \$77,045 99 | \$3,142,840 12        |
| Supplies:              |             |                       |
| Office                 | \$2,097 34  |                       |
| Motor vehicles         | 339 66      |                       |
| General plant          | 3 20        |                       |
|                        | 2,440 20    |                       |
| Materials:             |             |                       |
| General plant          | 92 04       |                       |
| Special items:         |             |                       |
| Pensions and annuities | 715 00      |                       |
|                        |             | 80,293 23             |
|                        |             | <u>\$3,223,133 35</u> |

## FIRE QUARTERS, READVILLE (HYDE PARK).

|   |          |
|---|----------|
| W. A. Snow Iron Works, Inc., fence and gate | \$490 00 |
|---|----------|

## RECAPITULATION.

|                          |                       |
|--------------------------|-----------------------|
| Fire Department          | \$3,223,133 35        |
| Fire Quarters, Readville | 490 00                |
|                          | <u>\$3,223,623 35</u> |

## INCOME.

|   |                    |
|---|--------------------|
| Permits for fires in open spaces, fireworks, blasting, transportation and storage of explosives | \$9,013 75         |
| Sale of old material  | 2,685 86           |
| Sale of horses and harness  | 1,530 00           |
| Sale of badges  | 477 60             |
| Sale of uniform cloth   | 377 80             |
| Damage to fire alarm posts and boxes  | 336 02             |
| Sale of launch  | 300 00             |
| Damage to apparatus   | 228 00             |
| Damage to cable   | 218 14             |
| Sale of manure  | 84 00              |
| Installing tapper   | 54 50              |
| Removal of dead horses  | 45 00              |
| Installing fire alarm box   | 30 92              |
| Refund of overpayments  | 30 00              |
| Sale of water lights  | 5 00               |
| Refund of chauffeur's license   | 2 00               |
|   | \$15,418 59        |
| Wire Division:  |                    |
| Permits   | 34,276 11          |
|   | <u>\$49,694 70</u> |



## ALARMS, FIRE LOSSES AND INSURANCE.

| Months.        | ALARMS RECEIVED. |         |           |            |            |          |        | Loss.       |             | INSURANCE.   |              | ALARMS. |        |           |        | Not in Building. | Extended to Others. | Confined to Building. | Out of City. | Damage None. | Damage Slight. | Damage Considerable. | Totally Destroyed. |      |
|----------------|------------------|---------|-----------|------------|------------|----------|--------|-------------|-------------|--------------|--------------|---------|--------|-----------|--------|------------------|---------------------|-----------------------|--------------|--------------|----------------|----------------------|--------------------|------|
|                | FROM WHOM.       |         |           |            |            |          |        | Buildings.  | Contents.   | Buildings.   | Contents.    | ALARMS. |        |           |        |                  |                     |                       |              |              |                |                      |                    |      |
|                | Members.         | Police. | Citizens. | Telephone. | Automatic. | Unknown. | Total. |             |             |              |              | Fire.   | False. | Needless. | STILL. |                  |                     |                       |              |              |                |                      |                    |      |
| January.....   | 12               | 13      | 330       | 139        | 16         | 10       | 520    | \$184,035   | \$139,471   | \$2,787,145  | \$4,928,774  | 212     | 11     | 15        | 241    | 31               | 331                 | 4                     | 116          | 2            | 130            | 194                  | 9                  | 2    |
| February.....  | 3                | 13      | 231       | 64         | 11         | 8        | 330    | 107,327     | 165,904     | 2,611,405    | 2,781,773    | 147     | 8      | 15        | 123    | 28               | 227                 | 4                     | 36           | 3            | 84             | 141                  | 6                  | .... |
| March.....     | 7                | 13      | 226       | 91         | 18         | 8        | 363    | 196,655     | 360,170     | 5,664,979    | 1,097,435    | 133     | 8      | 13        | 167    | 27               | 196                 | 3                     | 109          | 1            | 89             | 113                  | 6                  | .... |
| April.....     | 4                | 11      | 285       | 154        | 13         | 16       | 483    | 71,887      | 103,816     | 1,428,163    | 5,045,890    | 174     | 16     | 11        | 238    | 37               | 193                 | 3                     | 210          | 6            | 86             | 105                  | 3                  | 2    |
| May.....       | 9                | 15      | 178       | 73         | 12         | 6        | 293    | 25,412      | 43,446      | 2,898,727    | 2,731,913    | 121     | 6      | 9         | 122    | 27               | 148                 | 1                     | 92           | 2            | 38             | 105                  | 4                  | 2    |
| June.....      | 6                | 13      | 210       | 82         | 13         | 13       | 337    | 129,782     | 487,083     | 3,023,151    | 2,010,183    | 133     | 12     | 11        | 144    | 28               | 171                 | 2                     | 102          | 2            | 65             | 105                  | 2                  | 1    |
| July.....      | 13               | 10      | 306       | 140        | 11         | 8        | 488    | 94,633      | 108,368     | 3,991,182    | 1,048,489    | 202     | 6      | 15        | 231    | 27               | 245                 | 2                     | 185          | 1            | 92             | 144                  | 10                 | 1    |
| August.....    | 3                | 6       | 187       | 70         | 12         | 7        | 285    | 49,742      | 85,963      | 1,296,924    | 1,148,925    | 103     | 8      | 16        | 113    | 35               | 132                 | 1                     | 83           | ....         | 47             | 81                   | 4                  | 1    |
| September..... | 6                | 6       | 179       | 71         | 15         | 10       | 287    | 37,726      | 44,805      | 2,182,397    | 810,750      | 112     | 10     | 11        | 104    | 39               | 136                 | 1                     | 78           | 1            | 41             | 92                   | 3                  | 1    |
| October.....   | 8                | 7       | 231       | 105        | 9          | 10       | 390    | 38,519      | 96,737      | 2,604,065    | 722,360      | 146     | 9      | 16        | 183    | 28               | 181                 | 3                     | 141          | 4            | 65             | 115                  | 4                  | .... |
| November.....  | 4                | 6       | 214       | 109        | 17         | 9        | 359    | 40,714      | 126,388     | 3,990,081    | 1,876,600    | 130     | 9      | 14        | 158    | 35               | 178                 | 1                     | 106          | 3            | 53             | 123                  | 3                  | .... |
| December.....  | 3                | 7       | 217       | 99         | 17         | 7        | 350    | 68,288      | 190,615     | 3,043,200    | 2,289,250    | 150     | 7      | 10        | 141    | 32               | 207                 | 3                     | 78           | 3            | 62             | 138                  | 10                 | .... |
| Totals.....    | 78               | 120     | 2,814     | 1,197      | 164        | 112      | 4,483  | \$1,015,050 | \$1,932,766 | \$35,431,319 | \$26,489,344 | 1,763   | 110    | 126       | 1,965  | 374              | 2,345               | 28                    | 1,327        | 28           | 843            | 1,456                | 64                 | 10   |

## FIRE DEPARTMENT.

## CAUSES OF FIRES AND ALARMS FROM JANUARY 1, 1920, TO JANUARY 1, 1921.

|   |     |  |       |
|---|-----|--|-------|
| Alarms, false, needless, bell and still                         | 640 | Grease in ventilator                     | 32    |
| Alarms, out of city   | 28  | Hot ashes in wooden receptacle           | 64    |
| Automatic alarms, false and accidental                          | 117 | Incendiary and supposed                  | 14    |
| Automobiles   | 236 | Lamp upsetting, explosion, miscellaneous | 305   |
| Brush, rubbish, etc.  | 795 | Oil stove, careless use and explosion    | 59    |
| Careless use lamp, candle, Careless use matches and set by rats | 350 | Overheated furnace, stove boiler         | 115   |
| Careless use pipe, cigar and cigarettes                         | 336 | Set by boys                              | 101   |
| Chimneys, soot burning  | 169 | Sparks from chimneys, stove              | 78    |
| Clothes near stove  | 14  | Sparks from locomotive engine            | 33    |
| Defective chimney, stove-pipe, boiler                           | 66  | Spontaneous combustion                   | 93    |
| Electric wires, motors  | 154 | Thawing                                  | 52    |
| Fireworks and firecrackers                                      | 37  | Unknown                                  | 456   |
| Gas jet and gas stove   | 66  |  |       |
| Gasolene, naphtha, benzine                                      | 13  | Total                                    | 4,485 |

| 1920.          | FIRE EXTINGUISHED BY |                   |                   |                  |           |                |           |
|----------------|----------------------|-------------------|-------------------|------------------|-----------|----------------|-----------|
|                | Extinguishers.       | Buckets of Water. | Chemical Engines. | Hydrant Streams. | Steamers. | Miscellaneous. | Citizens. |
| January.....   | 103                  | 30                | 112               | 26               | 48        | 85             | 47        |
| February.....  | 66                   | 24                | 56                | 23               | 37        | 35             | 26        |
| March.....     | 54                   | 32                | 63                | 18               | 36        | 66             | 30        |
| April.....     | 82                   | 39                | 64                | 41               | 30        | 117            | 33        |
| May.....       | 62                   | 35                | 53                | 22               | 12        | 37             | 20        |
| June.....      | 83                   | 31                | 47                | 39               | 18        | 20             | 37        |
| July.....      | 128                  | 44                | 67                | 72               | 37        | 36             | 48        |
| August.....    | 72                   | 18                | 35                | 18               | 15        | 29             | 29        |
| September..... | 56                   | 25                | 41                | 24               | 18        | 24             | 27        |
| October.....   | 69                   | 24                | 62                | 59               | 23        | 52             | 36        |
| November.....  | 86                   | 22                | 50                | 25               | 18        | 57             | 27        |
| December.....  | 59                   | 30                | 63                | 12               | 29        | 61             | 34        |
| Totals.....    | 920                  | 354               | 713               | 379              | 321       | 619            | 394       |



## FIRES WHERE LOSSES EXCEEDED \$15,000.

| DATE.         | Location and Owner.   | Loss.    |
|---------------|---|----------|
| <b>1920</b>   |   |          |
| Jan. 15.....  | 214 and 216 State street, Park Sausage Company.....   | \$27,947 |
| Jan. 18.....  | Rear 160 Beverly street, Boston & Maine Railroad, Young Men's Christian Association <i>et al.</i> ..... | 89,199   |
| Jan. 31.....  | 1667-1671 Blue Hill avenue, C. H. Wentworth <i>et al.</i> .....   | 46,007   |
| Feb. 5.....   | 90-94 South street, Monarch Leather Company <i>et al.</i> .....   | 55,024   |
| Feb. 18.....  | 67-71 South street, Simpson Leather Company <i>et al.</i> .....   | 32,632   |
| Feb. 22.....  | 337 North street, B. Platonia and C. Petringa <i>et al.</i> .....                                       | 30,071   |
| Mch. 6.....   | 174 and 176 Columbus avenue, J. W. Porter & Co. <i>et al.</i> .....                                     | 17,689   |
| Mch. 6.....   | 774 Albany street, Curtis & Pope Lumber Company.....  | 80,615   |
| Mch. 11.....  | 1090-1104 Commonwealth avenue, Mitchell & Smith <i>et al.</i> .....                                     | 68,838   |
| Mch. 16.....  | 62 and 64 South street, J. Marshall Leather Company <i>et al.</i> .....                                 | 16,928   |
| Mch. 25.....  | 451-463 Atlantic avenue, Crocker Pen Company <i>et al.</i> .....  | 228,696  |
| April 11..... | City of Boston (Deer Island).....   | 20,500   |
| April 13..... | 481-485 Summer street, J. Williams Company.....   | 20,484   |
| April 15..... | Off Massachusetts avenue, P. M. Leavitt & Co.....   | 52,293   |
| May 15.....   | 95-101 Haverhill street, Sulkin Spice Company <i>et al.</i> .....                                       | 15,039   |
| June 1.....   | 383 Dorchester avenue, Hunt Spiller Manufacturing Company,  | 15,968   |
| June 3.....   | 232-240 Purchase street, Foss & Co <i>et al.</i> .....  | 525,237  |
| June 25.....  | 12 and 13 Faneuil Hall Square, Fottler, Fiske, Rawson Company.....                                      | 22,983   |
| July 6.....   | 376 Albany street, American Coal Company <i>et al.</i> .....  | 16,117   |
| July 11.....  | 9-13 Albany street, S. Brilliant & Co. <i>et al.</i> .....  | 40,464   |
| July 17.....  | 115-119 West Fourth street, J. S. Bent <i>et al.</i> .....  | 32,852   |
| July 23.....  | Off West Fourth street, New York, New Haven & Hartford Railroad.....                                    | 25,000   |
| Aug. 13.....  | Off D street, Universal Car Loading and Distributing Company <i>et al.</i> .....                        | 25,000   |
| Aug. 31.....  | 30 and 32 South street, American Tanning Company <i>et al.</i> .....                                    | 50,950   |
| Oct. 23.....  | Rear 539 Rutherford avenue, Furbush & Co.....   | 62,959   |
| Nov. 2.....   | 235 Heath street, Fienberg Brothers & Co.....   | 73,116   |
| Nov. 30.....  | 106-112 Leverett street, N. Cohen <i>et al.</i> .....   | 19,046   |
| Dec. 3.....   | 677 and 679 Altantic avenue, Eliot Shoe Company <i>et al.</i> .....                                     | 25,562   |
| Dec. 9.....   | 5-9 Douglas street, J. Chmiell.....   | 17,136   |
| Dec. 23.....  | 143-147 Summer street, Salem Tanning Company <i>et al.</i> .....  | 26,178   |
| Dec. 29.....  | 130 and 132 Lincoln street, A. M. Collins Shoe Company <i>et al.</i> .....                              | 36,677   |
| Dec. 30.....  | 24 and 26 South street, Old Colony Leather Company <i>et al.</i> .....                                  | 46,764   |

## STATISTICS.

|  |         |
|--|---------|
| Population, January 1, 1921 . . . . .          | 748,143 |
| Area square miles . . . . .                    | 47.81   |
| Number brick, etc., buildings . . . . .        | 31,993  |
| Number of wooden buildings . . . . .           | 75,776  |
| Fires in brick and stone buildings . . . . .   | 1,407   |
| Fires in wooden buildings . . . . .            | 966     |
| Out of city . . . . .                          | 28      |
| Not in Buildings, false and needless . . . . . | 2,084   |

Total alarms . . . . . 4,485

## FIRE LOSS FOR THE YEAR ENDING DECEMBER 31, 1920.

|                                   |           |
|-----------------------------------|-----------|
| Buildings, loss insured . . . . . | \$890,444 |
| Contents, loss insured . . . . .  | 1,823,110 |

\$2,713,554

|                                       |           |
|---------------------------------------|-----------|
| Buildings, loss not insured . . . . . | \$154,606 |
| Contents, loss not insured . . . . .  | 129,656   |

284,262

Total loss buildings and contents . . . . . \$2,997,816

Marine loss . . . . . \$141,750

## YEARLY LOSS FOR THE LAST FIFTEEN YEARS.

|  |             |
|--|-------------|
| Year ending February 1, 1907 . . . . . | \$1,130,334 |
| " " " 1, 1908 . . . . .                | 2,268,074   |
| " " " 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   |

\* 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 \$75,669.

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 Automatic. | Totals. |
|-----------|-------|----------------------|---------|
| 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   |
| 1913..... | 2,594 | 2,322                | 4,916   |
| 1912..... | 2,812 | 2,432                | 5,244   |
| 1911..... | 2,291 | 2,142                | 4,433   |

\* Each fire is treated as having only one alarm.  
 † 202 bell and 190 still alarms deducted from year 1910-11 and included in calendar year January 1, 1911, to January 1, 1912.

## ROLL OF MERIT, BOSTON FIRE DEPARTMENT.

Joseph P. Hanton, Captain, Engine Company 33.  
 Thomas J. Muldoon, Captain, Engine Company 16.  
 Thomas H. Downey, Captain, Engine Company 22.  
 Michael J. Teehan, Captain Engine Company 24.  
 Denis Driscoll, Captain, Engine Company 37.  
 James F. McMahon, District Chief.  
 Frederick F. Leary, Captain, Ladder Company 3.  
 Edward McDonough, Captain, Ladder Company 2.  
 Timothy J. Heffron, Lieutenant, Ladder Company 9.  
 Michael J. Dacey, Lieutenant, Ladder Company 20.  
 John J. Kennedy, Ladderman, Ladder Company 13.  
 Martin A. Kenealy, Captain, retired.  
 James E. Downey, Hoseman, retired.

## CHANGES FROM FEBRUARY 1, 1920, TO FEBRUARY 1, 1921.

|   |    |
|---|----|
| Number of men appointed to fire force   | 29 |
| Number of men reappointed to fire force | 4  |
| All others                              | 6  |
| Resigned                                | 20 |
| Discharged                              | 4  |
| Pensioned                               | 20 |
| Deaths                                  | 5  |
| Pensioners died                         | 11 |

## MEMBERS PENSIONED FROM FEBRUARY 1, 1920, TO FEBRUARY 1, 1921.

|                      |                       |
|----------------------|-----------------------|
| Otto P. Faul.        | Michael Ryan.         |
| Warren C. Stevens.   | James Collins.        |
| Frank F. Chapman.    | Joseph H. Clemens.    |
| Michael J. Mulligan. | Charles D. Dalton.    |
| Charles S. Moran.    | John L. Sullivan.     |
| Andrew J. G. McKee.  | Alfred D. LeClair.    |
| Michael Boyle.       | Patrick J. Neylon.    |
| John J. Earl.        | Daniel F. Buckley.    |
| John J. Donohue.     | Cornelius Donovan.    |
| Timothy F. Cannon.   | Thomas M. McLaughlin. |
| George W. Fuller     | (Wire Division).      |

## DEATH OF MEMBERS FROM FEBRUARY 1, 1920, TO FEBRUARY 1, 1921.

|   |                                  |
|---|----------------------------------|
| Thomas F. Conley.                               | John M. Costello, Wire Division. |
| John Griffin.                                   |                                  |
| William J. Cox.                                 | Joseph R. Dolan, Wire Division.  |
| Daniel W. Mahoney.                              |                                  |
| J. H. W. Smith, Bureau of Supplies and Repairs. |                                  |

## DEATH OF PENSIONERS FROM FEBRUARY 1, 1920, TO FEBRUARY 1, 1921.

|                       |                    |
|-----------------------|--------------------|
| Franklin C. P. Emery. | Charles F. Poor.   |
| Daniel F. Greenlaw.   | Lewis P. Abbott.   |
| David J. Ryan, Jr.    | James M. Walters.  |
| Edward N. Bullard.    | James T. Reynolds. |
| Brown S. Flanders.    | David S. Black.    |
| Henry M. Hawkins.     |                    |



## BOSTON FIREMEN'S RELIEF FUND.

Boston, September 17, 1920.

To the Members of the Body Corporate of the Boston Firemen's Relief Fund:

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, 1921, and find them correct.

The deposits in the bank and the checks drawn thereon have been compared with the accounts received from the bank, 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 the close of business August 31, 1920, is correct.

We examined the securities belonging to the fund, consisting of \$170,000 City of Boston registered bonds; \$8,000 Chicago, Burlington & Quincy coupon bonds; \$54,000 Liberty Loan; \$7,000 city of San Francisco Hospital, and certificates of stocks received from the estates of Anne Sargent and Franklin P. Hyde, also \$1,000 war savings stamps.

We have seen a bond issued by the American Surety Company of New York to Henry J. McNealy, treasurer, for \$25,000.

A summary of receipts and disbursements for the year ending August 31, 1920, is appended hereto.

Respectfully submitted,

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

## RECEIPTS AND DISBURSEMENTS FROM SEPTEMBER 1, 1919, TO AUGUST 31, 1920.

*Receipts.*

|  |                    |
|--|--------------------|
| Balance September 1, 1919 . . . . .      | \$4,857 54         |
| Amount received from ball fund . . . . . | 19,755 69          |
| Interest on bonds . . . . .              | 6,890 00           |
| Interest on Liberty Loan . . . . .       | 2,217 15           |
| Dividends on stocks . . . . .            | 239 00             |
| Interest on deposits . . . . .           | 180 35             |
| Donations . . . . .                      | 321 00             |
| City of Boston bonds matured . . . . .   | 29,000 00          |
|  | <u>\$63,460 73</u> |

*Disbursements.*

|  |                    |
|--|--------------------|
| Death and sick benefits, gratuities, medical attendance and medicine . . . . . | \$21,969 24        |
| Less refunds . . . . .   | 521 46             |
|  | <u>\$21,447 78</u> |
| Salaries . . . . .   | 600 00             |
| Treasurer's bond . . . . .   | 62 50              |
| Box at International Trust Company vaults . . . . .                            | 10 00              |
| Free bed, Carney Hospital . . . . .  | 300 00             |
| Auditing, twelve months . . . . .  | 180 00             |
| Expenses, stationery, postage, etc. . . . .                                    | 334 00             |
| Stenographer, (Nolan case) . . . . .   | 245 95             |
| City of Boston bonds, purchased \$25,000 . . . . .                             | 24,567 34          |
| United States Fourth Liberty Loan, purchased \$9,000 . . . . .                 | 8,433 15           |
|  | <u>\$56,180 72</u> |
| Cash balance:  |                    |
| Deposited in American Trust Company . . . . .                                  | 7,280 01           |
|  | <u>\$63,460 73</u> |