

FIRE DEPARTMENT



City of Boston

1951



Annual Report

ANNUAL REPORT
OF THE
Fire Department
OF THE
CITY OF BOSTON
FOR THE
YEAR ENDING DECEMBER 31, 1951



CITY OF BOSTON
PRINTING DEPARTMENT
1952

HISTORY

FIRE COMMISSIONERS

*1874-1876. Alfred P. Rockwell.
 1877-1879. David Chamberlain.
 1879-1883. John E. Fitzgerald.
 1883-1885. Henry W. Longley.
 1885-1886. John E. Fitzgerald.
 1886-1895. Robert G. Fitch.
 1895-1905. Henry S. Russell.
 1905. Patrick J. Kennedy.
 (Acting February 17—March 20.)
 1905-1908. Benjamin W. Wells.
 1908-1910. Samuel D. Parker.
 1910. Francis M. Carroll.
 (Acting May 27—September 16.)
 1910-1912. Charles C. Daly.
 1912-1914. Charles H. Cole.
 1914-1919. John Grady.
 1919-1921. John R. Murphy.
 1921-1922. Joseph P. Manning.
 (Acting Nov. 8, 1921—April 1, 1922.)
 1922. William J. Casey.
 (Acting April 1—August 24.)
 1922-1925. Theodore A. Glynn.
 1926. Thomas F. Sullivan.
 (Acting January 26—July 6.)
 1926-1930. Eugene C. Hultman.
 1930-1933. Edward F. McLaughlin.
 1933. Eugene M. McSweeney.
 (October 16, 1933—January 5, 1934.)
 1934-1938. Edward F. McLaughlin.
 1938-1945. William Arthur Reilly.
 1945-1946. John I. Fitzgerald.
 (June 7, 1945—January 7, 1946.)
 1946-1950. Russell S. Codman, Jr.
 1950- Michael T. Kelleher.

CHIEFS OF DEPARTMENT

1826-1828. Samuel D. Harris.
 1829-1835. Thomas C. Amory.
 1836-1853. William Barnicoat.
 1854-1855. Elisha Smith, Jr.
 1856-1865. George W. Bird.
 1866-1874. John S. Damrell.
 1874-1884. William A. Green.
 1884-1901. Louis P. Webber.
 1901-1906. William T. Cheswell.
 1906-1914. John A. Mullen.
 1914. John Grady. (1 day.)
 1914-1919. Peter F. McDonough.
 1919-1922. Peter E. Walsh.
 1922-1924. John O. Taber.
 1925-1930. Daniel F. Sennott.
 1930-1936. Henry A. Fox.
 1936-1946. Samuel J. Pope.
 1946-1948. Napeen Boutilier.
 1948-1950. John F. McDonough.
 1950- John V. Stapleton.

* Previous to 1874, the Boston Fire Department was in charge of the Chief Engineer.



ANNUAL REPORT

OF THE

FIRE DEPARTMENT

FOR THE YEAR 1951.

Boston, January 2, 1952.

HON. JOHN B. HYNES,
Mayor of Boston.

YOUR HONOR:

We submit herewith the report of the Boston Fire Department for the year 1951.

The principal function of a fire department is the protection of lives and property against the ever possible danger of destructive fire. We are happy to report to you that property loss damage in the city for the year 1951 represented a 21 per cent decrease from 1950, according to an official of the Boston Board of Fire Underwriters. It could be that this estimate is on the conservative side and, when actual loss adjustments are made, the percentage decrease may be greater.

Several factors are involved in the resultant excellent loss record for the past year. First, the people of Boston in their homes and the supervisors of commercial and industrial establishments have exercised greater care in the prevention of fires. The firefighting force has performed admirably. Multiple alarms have been extremely few. Our decision to eliminate a general reduced assignment policy which had previously been in effect has con-



MAYOR JOHN B. HYNES LAYS THE CORNERSTONE AT THE NEW HEADQUARTERS BUILDING, AUGUST 20, 1951
As Commissioner Kelleher, Chaplain O'Connell, Ex-Mayor Curley, President of the Boston Chamber of Commerce, City Council President William F. Hurley, and Other Distinguished Public Officials Look On.

FIRE DEPARTMENT.

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tributed to the low loss ratio in our opinion. Adequate man power and apparatus respond to all alarms and quickly control the spread of fire.

The program of our fire prevention inspectors in visiting the Boston schools and delivering instructive lectures and giving practical demonstrations in all phases of fire safety is beginning to pay rich dividends in the matter of property loss. This latter program is carried on in cooperation with the Boston Board of Fire Underwriters.

Our regular inspection staff has contributed its share to the good record of 1951 by faithful, efficient, and intelligent service. During the year, a total of 73,601 inspections and reinspections of buildings and other structures were made. As a result, 17,242 hazardous conditions were remedied. Fire drills have been conducted regularly during the year in schools, theaters, hospitals, institutions, and industrial and mercantile establishments.

On August 6, 1951, we moved from the old Bristol Street Headquarters to 115 Southampton street. The new building is admirably suited to the needs of the Headquarters and Maintenance Divisions. Our Maintenance Division is second to none in layout and machinery, and the quality of the work of its members is keeping pace with the improved physical facilities. Engine Company 23 and Lighting Plant 2 are also quartered in the new building.

We commenced the installation of two-way radios in apparatus, other than chiefs' cars, rescue wagons, and lighting plants, in 1951, and when completed it will mark a great step forward in the progress of our department. Control will be established over every piece of apparatus in the department at all times, in and out of quarters, and, in addition to the tremendous advantages which will accrue to our everyday operations, we will be able to make a decided contribution to civilian defense. We have set up a Civilian Defense Division under the direction of Deputy Chief Franklin B. Sanborn at no extra expense to the department. The men of the division are doubling with other duties which they would be performing normally. Our Civilian Defense Unit has acquired a superior knowledge of its duties and obligations. It is ready for any emergency.

We commenced work in 1951 on the new house in the Egleston Square district on land purchased from the New



BOSTON FIRE DEPARTMENT BAND
Arthur Fiedler, Conductor, Boston Pops Orchestra, Leads Department Band
at Street Drill During Fire Prevention Week

FIRE DEPARTMENT.

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England Hospital for Women at Columbus avenue and Bragdon street. This fire station will house Engine 42 and Ladder 30. It will replace the present building which was erected in 1892 for horse-drawn apparatus and will be ready for occupancy in October, 1952.

The 80-year-old Fort Hill Square fire house was taken by the Public Works Division of the Commonwealth of Massachusetts in 1951 in connection with its highway improvement program. This necessitated relocation, and we have been extremely fortunate to acquire sufficient land on Oliver street, one block away from the present quarters in Fort Hill square, to erect a new building. This is one of our most important responsibilities because of the location in the heart of Boston's high-value district. The new quarters will house Engine 7, Engine 25, Ladder 8, the Deputy Chief of Division 1, and the District Chief of District 5.

The Fire College was reopened October 23, 1951, and classes were held Monday through Friday of each week under the direction of Deputy Chief Dennis J. Coughlin. Two officers from each department district were assigned to attend the first session of the school, which ended November 9.

The Fire Department Band rendered efficient service throughout the year, participating in parades, ceremonies, and other occasions.

The department morale is high, and it has been a distinct pleasure to be associated with its members.

Respectfully submitted,

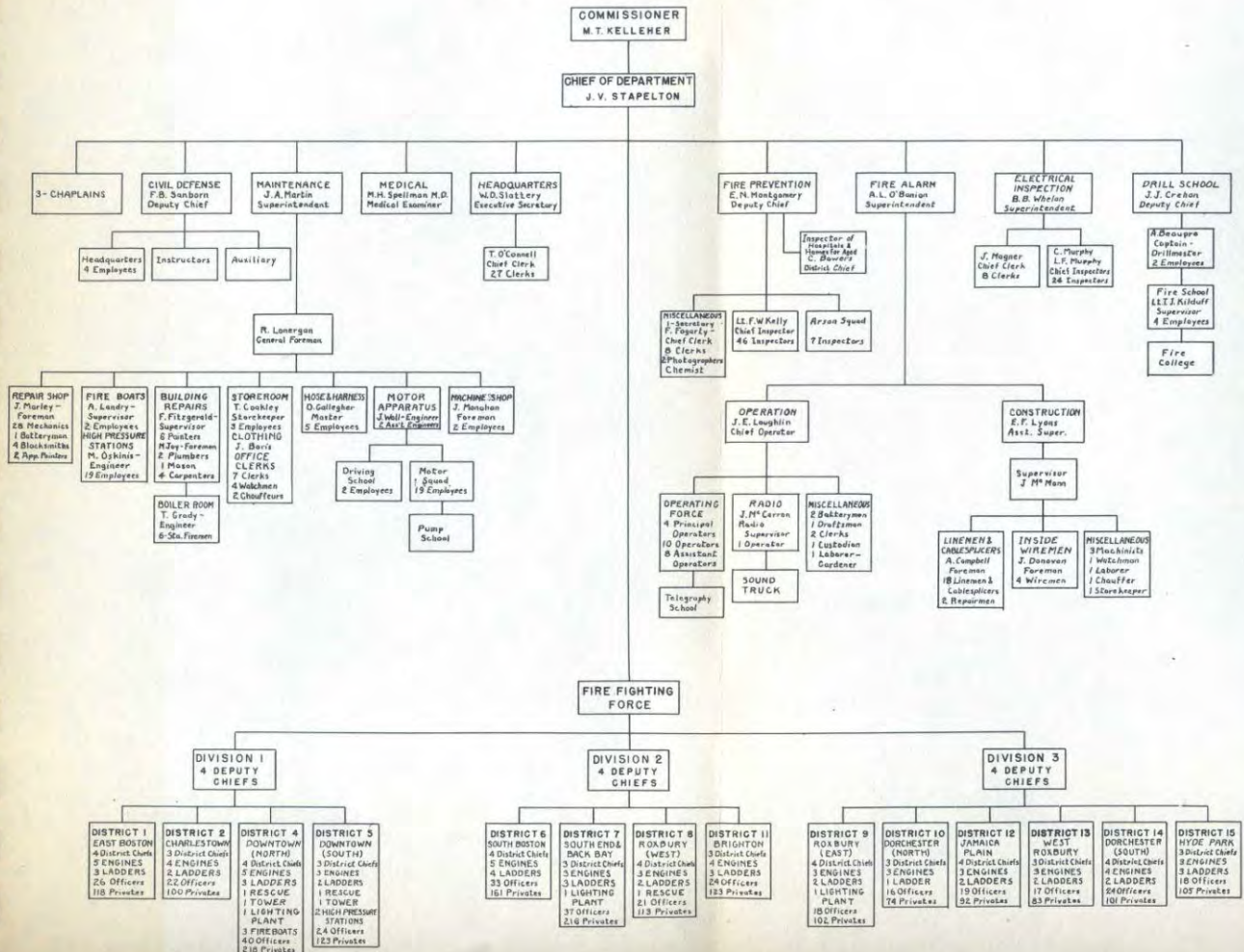
Michael J. Kelleher
Fire Commissioner.

PERSONNEL

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CITY OF BOSTON

FIRE DEPARTMENT



**BOSTON FIRE DEPARTMENT
1951**

Fire Commissioner, MICHAEL T. KELLEHER.

Chief of Department, JOHN V. STAPLETON.

Executive Secretary, WILLIAM D. SLATTERY.

Medical Examiner, MARTIN H. SPELLMAN, M.D.

*Superintendent of Fire Alarm Division, ALBERT L.
O'BANTON.*

*Superintendent of Maintenance Division, JOHN A.
MARTIN.*

*Deputy Chief in Charge of Fire Prevention Division,
EDWARD N. MONTGOMERY.*

*Deputy Chief in Charge, Division of Civil Defense, Pub-
lic Relations, Public Information, FRANKLIN B.
SANBORN.*

*Superintendent, Electrical Inspection Division, BERNARD
B. WHELAN.*

*Chaplains, VERY REV. MSGR. HENRY J. O'CONNELL
(Catholic), REV. HOWARD E. POMEROY (Protestant),
RABBI SAMUEL I. KORFF (Jewish).*



ANNUAL DEPARTMENT BALL — 1951

Awarding of Medals — Left to Right: Chief of Department John V. Stapleton; Lieut. John C. Reardon, Rescue 3, Awarded "John E. Fitzgerald Medal"; Lieut. John M. Burke, Rescue 2, Awarded "Walter Scott Medal"; Ladderman Lloyd C. Phillips, Ladder 12, Awarded "Patrick J. Kennedy Medal"; Fire Commissioner Michael T. Kelleher

MEDAL OF HONOR MEN BOSTON FIRE DEPARTMENT—1951

"John E. Fitzgerald Medal."

Awarded to Lieutenant JOHN C. REARDON, Rescue Company 3.

"Walter Scott Medal for Valor."

Awarded to Lieutenant JOHN M. BURKE, Rescue Company 2.

"Patrick J. Kennedy Medal."

Awarded to Ladderman LLOYD C. PHILLIPS, Ladder Company 12.



DEDICATION OF MEMORIAL PLAQUE AT ENGINE 41 AND LADDER 14 QUARTERS

Lieut. Roy E. Burrill and Ladderman William R. Benson Died in the Performance of Duty at the Fire Box 5235, on September 23, 1950. Fire Commissioner Michael T. Kelleher Addressing Gathering

In Memoriam

Deaths of Active Members During 1951

DATE	Name	Rank	Company
January 28.....	William M. O'Brien.....	Hoseman.....	Engine Company 21.
January 29.....	John H. Milward.....	Hoseman.....	Engine Company 5.
February 1.....	Arthur T. Higgins.....	Painter and Striper.....	Maintenance Division.
February 5.....	Paul J. Sheehan.....	Hoseman.....	Engine Company 11.
March 14.....	Michael J. Donovan.....	Engineer.....	High Pressure Service.
March 28.....	Walter F. Spratt.....	Auto Mechanic..	Maintenance Division.
April 19.....	Carroll S. Murphy.....	Captain.....	Ladder Company 13.
April 20.....	Walter J. Doyle.....	Auto Mechanic..	Maintenance Division.
May 2.....	Theodore P. Cresey.....	Ladderman.....	Ladder Company 33.
May 21.....	Catherine E. Morrison....	Janitress.....	Headquarters.
June 1.....	Frederick W. Mullen.....	Laborer.....	Maintenance Division.
June 20.....	Frank H. Cohen.....	Painter.....	Maintenance Division.
November 14.....	Murlin C. Henderson....	Watchman.....	Maintenance Division.
December 5.....	William H. Loughlin.....	Apparatus Oper- ator.....	Engine Company 54.
December 9.....	Thomas F. Maloney.....	Lieutenant.....	Ladder Company 14.

APPOINTMENTS — 1951 (Firefighting Division)

DATE	NAME	ASSIGNMENT
Feb. 21	Thomas G. Fitzsimmons	Engine Company 30
Feb. 21	John P. Wallace	Engine Company 36
Feb. 21	George E. McGowan	Ladder Company 10
Mar. 7	Paul H. Lynch	Engine Company 11
Mar. 7	Francis X. Maher	Ladder Company 32
April 11	Frank M. Veechry	Engine Company 22
April 11	John D. Sheehan	Ladder Company 31
April 11	Joseph A. Gillespie	Engine Company 7
April 11	John J. Maffei	Engine Company 13
April 11	Thomas B. Lennon, Jr.	Ladder Company 26
April 11	Israel Fine	Engine Company 12
April 11	John E. Nelson	Ladder Company 12
April 11	William F. Curtis	Engine Company 4
April 11	John P. Henry	Ladder Company 3
April 11	Philip P. Ferren	Engine Company 45
April 11	Kristo A. Apostol	Ladder Company 23
April 11	Joseph C. Doyle	Engine Company 17
May 2	John J. Murphy	Engine Company 56
May 2	John J. McSweeney	Engine Company 46
May 2	John F. McCarthy	Engine Company 56
May 2	John M. Morrissey	Engine Company 3
May 2	Richard A. Walsh	Engine Company 56
May 2	William J. Mantville	Engine Company 56
May 2	Rocco J. Baglio	Engine Company 56
May 2	Edwin T. Keenan	Engine Company 46
May 2	John E. Jameson	Engine Company 56
May 16	Michael A. Flammia	Engine Company 50
June 20	Joseph M. Clashy	Ladder Company 3
June 20	Paul F. Condon	Engine Company 17
June 20	William F. Newman	Ladder Company 5
June 20	Francis L. Galizio	Engine Company 22
June 20	James V. Capeless	Engine Company 7
June 20	Charles F. Kilday	Ladder Company 34
June 20	Thomas F. Leydon	Engine Company 13
June 20	Joseph P. Curran	Engine Company 53
June 20	Melvin F. Upton	Engine Company 12
June 20	Harold J. Yandle	Engine Company 4
June 20	Biaggio F. Samizaro	Engine Company 5
June 20	Raymond P. Owens	Engine Company 45
Sept. 19	Daniel F. Duffy	Engine Company 44
Sept. 19	James F. Cooley	Ladder Company 25
Sept. 19	William H. Woods	Engine Company 39
Sept. 19	Coleman F. Wallace	Engine Company 1
Sept. 19	Angelo Frizzi	Engine Company 50
Sept. 19	Norman F. Davidson, Jr.	Engine Company 30
Sept. 19	Thomas S. Lydon	Ladder Company 32
Oct. 31	Zdzislaw Mierzykowski	Engine Company 40
Oct. 31	Franklin E. MacKay	Ladder Company 9
Oct. 31	Gaetano H. Albanese	Engine Company 27
Oct. 31	Leo D. Stapleton	Ladder Company 8
Dec. 12	William E. Walsh	Ladder Company 22
Dec. 12	Edward W. Lowney	Engine Company 39
Dec. 12	Leonard A. D'Amico	Ladder Company 32

APPOINTMENTS — 1951 (Civilian Division)

DATE	NAME	ASSIGNMENT
Jan. 19	Joseph L. Ferullo	Maintenance Division
Feb. 2	Dominic F. Cogliano	Maintenance Division
Feb. 5	John P. Longo	Maintenance Division
Feb. 28	Henry M. Wheeler, Jr.	Fire Alarm Division
Mar. 2	Alexander M. Sutherland	Maintenance Division
Mar. 30	James A. Dowd	Maintenance Division
May 16	Charles B. Gray, Jr.	Maintenance Division
July 11	Annie E. Gavin	Headquarters
Aug. 15	Luciano Cantillo	Maintenance Division
Aug. 15	James J. Cox	Maintenance Division
Aug. 15	Andrew DeFrancesco	Maintenance Division
Aug. 22	Earl Merrifield	Maintenance Division
Aug. 22	Francis G. Shruhan	Maintenance Division
Sept. 12	John J. Leahy	Fire Alarm Division
Sept. 19	James J. Hughes	Maintenance Division
Sept. 26	Mary C. Barry	Fire Prevention Division
Oct. 3	Margaret E. Connell	Headquarters
Oct. 10	Hanora Harris	Headquarters
Oct. 10	Arthur E. McCallam	Maintenance Division
Oct. 17	John J. Gorham	Maintenance Division
Oct. 31	Anna Glynn	Headquarters
Dec. 5	Harold J. Holmes	Maintenance Division
Dec. 5	Louis R. McCarron	Maintenance Division

RETIREMENTS — 1951

DATE	NAME	RANK	COMPANY
Jan. 31	John F. McGloan	Captain	Ladder Company 27
Feb. 7	Edward J. C. Powers	Hoseman	Fire Prevention Division
Feb. 7	Peter A. Reilly	Ladderman	Ladder Company 23
Feb. 14	Charles S. Chinetti	Ladderman	Ladder Company 26
Feb. 28	Frank W. Dante	Hoseman	Headquarters
Mar. 21	Francis J. Scott	Lieutenant (Aide to Chief)	Headquarters
April 18	Daniel J. O'Connor	Hoseman	Engine Company 39
April 24	Francis B. Fitzgerald	Supervisor of Building Repairs	Maintenance Division
May 1	Thomas G. Lawless	Ladderman	Ladder Company 27
May 1	Martin E. Manning	Hoseman	Lighting Plant 2
May 23	John P. Geary	Lieutenant	Ladder Company 5
May 23	Henry G. Boudreau	Engineer in Charge . .	Maintenance Division
June 30	Frank M. Fogarty	Chief Clerk and Secretary	Fire Prevention Division
Aug. 1	Joseph W. Stanney	Apparatus Operator . .	Lighting Plant 3
Aug. 1	Clayton L. Knox	Operator	Fire Alarm Division
Aug. 8	Joseph F. Burke	Lieutenant	Engine Company 4
Aug. 8	Maurice Daley	First Engineer	Engine Company 44
Aug. 8	Maurice F. Foley	Ladderman	Fire Prevention Division
Aug. 8	William J. Johnson	Hoseman	Maintenance Division
Aug. 8	Charles Laubenstein	Hoseman	Engine Company 4
Aug. 29	James J. McDonald	Ladderman	Ladder Company 5
Sept. 1	Walter F. Reddington	Captain	Fire Prevention Division
Sept. 5	John T. Buckley	Lieutenant	Engine Company 41
Sept. 5	Thomas F. Muldoon	Lieutenant	Engine Company 51
Sept. 11	Edward G. Corliss	Batterymen	Fire Alarm Division
Sept. 26	Joseph J. Casey	Hoseman	Engine Company 1
Oct. 10	Jeremiah J. Cronin	District Chief	District 1
Oct. 10	Bernard F. Turley	Hoseman	Engine Company 51
Oct. 23	James M. Doherty	Carpenter	Maintenance Division
Oct. 31	John A. Powers	Lieutenant	Fire Prevention Division
Nov. 14	James F. McMahon	Temporary Supervisor of Construction	Fire Alarm Division
Nov. 14	Hubert L. Mellyn	Hoseman	Engine Company 46
Nov. 14	Charles L. McEachern	Hoseman	Tower Company 1
Nov. 30	Thomas A. Kelley	Batterymen	Fire Alarm Division
Dec. 5	Daniel Martell	Deputy Chief	Division 3
Dec. 5	John J. Neville	Hoseman	Engine Company 41
Dec. 23	Michael J. Brown	Ladderman	Fire Alarm Division
Dec. 26	Francis W. Kelley	Lieutenant-Chief Inspector	Fire Prevention Division
Dec. 26	Percy L. Richardson	Lieutenant	Engine Company 22

RESIGNATIONS — 1951

DATE	NAME	RANK	COMPANY
Jan. 17	Herbert J. Conley	Ladderman	Ladder Company 34
Feb. 5	John J. Kelley, Jr.	Provisional Assistant Storekeeper	Maintenance Division
Mar. 2	William B. Parker	Ladderman	Ladder Company 4
April 12	Israel Fine	Military Substitute . .	Engine Company 12
June 27	Dominic J. Kolonovich	Hoseman	Engine Company 1
July 18	John H. Martindale	Hoseman	Engine Company 50
Aug. 8	Charles H. Brown	Ladderman	Ladder Company 23
Oct. 4	Paul D. O'Connell	Garage Attendant . . .	Maintenance Division
Oct. 10	Adolph Klepacki	Hoseman	Engine Company 31
Dec. 5	Edward F. Dillon, Jr.	Steamfitter	Maintenance Division

RETURN TO DUTY FROM ARMED FORCES—1951

Jan. 24	Wilbert F. Rice	Hoseman	Engine Company 10
Mar. 21	John A. Abbott	Hoseman	Engine Company 26
April 11	John J. Walsh	Ladderman	Ladder Company 24
June 6	Joseph P. Kennedy	Ladderman	Ladder Company 23
July 18	Joseph F. Noonan	Hoseman	Engine Company 7
Aug. 1	James L. Glasheen, Jr.	Hoseman	Engine Company 22
Sept. 7	Francis C. Murphy	Hoseman	Engine Company 12
Oct. 3	Paul B. McNiff	Ladderman	Ladder Company 3
Nov. 14	Donald R. Gummesson	Hoseman	Engine Company 45
Dec. 12	Sigmund A. Gurski	Ladderman	Ladder Company 21

REINSTATEMENTS — 1951

June 13	Vincent J. Kilduff	Hoseman	Lighting Plant 2
June 13	James T. Prendergast	Ladderman	Ladder Company 27
June 13	Roland P. Sferrazza	Hoseman	Engine Company 39
Oct. 3	John J. Cummings, Jr.	Hoseman	Ladder Company 31

**FIRE COLLEGE
1951**

FIRE COLLEGE OF THE BOSTON FIRE DEPARTMENT

The Fire College reopened October 23, 1951, and classes were held Monday through Friday of each week, excepting holidays, from 9.30 A.M. to 12 noon. Classes were held in Memorial Hall in the Headquarters Building, 115 Southamptton street, under the direction of Deputy Chief Dennis J. Coughlin.

Two officers from each department district were assigned to attend the first session of the school, which ended November 9, 1951.

Following is a schedule of lectures given and a list of instructors assigned to the College:

First Day

ADMINISTRATION: Fire Commissioner Michael T. Kelleher.
OBJECT OF FIRE COLLEGE: Chief of Department John V. Stapleton.

DEPARTMENT PAPERS AND REPORTS: Deputy Chief John J. Ryan.

Second Day

FIRE PREVENTION, CHAPTER 148: Deputy Chief Edward N. Montgomery.

Third Day

DISCIPLINE: Deputy Chief Patrick E. Collins.

Fourth Day

VENTILATION: Deputy Chief Edward J. Gaughan.

Fifth Day

FLAMMABLE LIQUIDS, SOLIDS, GASES: Chemist Hiram Y. Waterhouse.

Sixth Day

FIREFIGHTING METHODS IN DWELLINGS: Deputy Chief Walter E. Crouch.

Seventh Day

CARE AND OPERATION OF MOTOR APPARATUS: Assistant Engineer of Motor Apparatus David I. Driscoll.

Eighth Day

CARE AND OPERATION OF MOTOR APPARATUS: Assistant Engineer of Motor Apparatus David I. Driscoll.

FIRE DEPARTMENT.

Ninth Day

SAFE DRIVING: Captain Raymond W. Frazel.

Tenth Day

PRACTICAL HYDRAULICS AS APPLIED TO FIREFIGHTING: District Chief John E. Clougherty.

Eleventh Day

FIREFIGHTING IN HIGH-VALUE DISTRICTS: Deputy Chief John F. Howard.

Twelfth Day

WATER SUPPLY: Division Engineer Daniel Sullivan, Public Works Department.

Thirteenth Day

FIRST AID: Captain Kenneth C. Arnold.

Fourteenth Day

ELECTRICAL HAZARDS: Superintendent Bernard B. Whelan, Electrical Inspection Division.

Fifteenth Day

BUILDINGS LAWS: Mr. Patrick J. O'Malley, Building Department.

Sixteenth Day

EXAMINATION

The second session of the Fire College commenced November 13, 1951, and was completed December 3, 1951. A third session started December 4 and ended December 21, 1951.

Following is a list of the officers of the department who completed the Fire College course during 1951:

Lieut. Andrew J. Canning.....	Engine Company 34
Lieut. Dante C. Ciampa.....	Ladder Company 10
Lieut. Daniel P. Collins.....	Ladder Company 1
Lieut. James A. Dalton.....	Engine Company 14
Lieut. Norman F. Davidson.....	Engine Company 16
Lieut. John A. Dovi.....	Ladder Company 28
Lieut. George T. Dowd.....	Ladder Company 30
Lieut. Arthur I. Downing.....	Ladder Company 7
Lieut. Joseph H. Downing.....	Ladder Company 23
Lieut. George E. Graney.....	Engine Company 1
Lieut. John C. T. Hawe.....	Ladder Company 21
Lieut. Richard J. Lane.....	Ladder Company 8

Lieut. Anthony J. Langone.....	Engine Company 1
Lieut. William H. McAndrew.....	Ladder Company 25
Lieut. William M. McGourty.....	Engine Company 18
Lieut. Francis L. McLaughlin.....	Engine Company 22
Lieut. William A. McLaughlin.....	Engine Company 22
Lieut. Francis J. Mulhern.....	Engine Company 12
Lieut. Richard B. Mullen.....	Ladder Company 17
Lieut. John C. O'Brien.....	Ladder Company 26
Lieut. Herbert L. O'Neil.....	Ladder Company 25
Lieut. Michael F. Power.....	Engine Company 36
Lieut. Nicholas Repetto.....	Ladder Company 22
Lieut. John A. Rose.....	Ladder Company 15
Lieut. Frank A. Sikora.....	Ladder Company 11
Lieut. Joseph W. Thompson.....	Engine Company 48
Lieut. Joseph F. White.....	Ladder Company 24
Lieut. Edmund L. Wipperman.....	Ladder Company 29
Lieut. William P. Ahern.....	Engine Company 29
Lieut. Francis A. Arnao.....	Engine Company 26
Lieut. Frank A. Bergdoll.....	Engine Company 27
Lieut. Francis P. Chapman.....	Engine Company 25
Lieut. Archibald J. Devlin.....	Ladder Company 1
Lieut. George J. Devlin.....	Ladder Company 4
Capt. Michael J. Egan.....	Ladder Company 29
Lieut. Robert A. Foley.....	Ladder Company 9
Lieut. William D. Gavin.....	Engine Company 49
Lieut. David Goldman.....	Ladder Company 3
Lieut. Eugene W. Hayes.....	Engine Company 34
Lieut. Joseph P. Hession.....	Engine Company 23
Lieut. James J. Horgan.....	Ladder Company 2
Lieut. Vincent J. Iannelle.....	Ladder Company 13
Capt. Timothy J. Keefe.....	Engine Company 54
Lieut. Arthur W. Lundgren.....	Ladder Company 10
Lieut. Emilio F. Marino.....	Ladder Company 12
Lieut. Charles E. Maus.....	Ladder Company 7
Lieut. James A. Moran.....	Engine Company 17
Lieut. John J. McCabe.....	Engine Company 2
Lieut. Ralph A. MacKinnon.....	Engine Company 10
Lieut. Francis X. O'Brien.....	Rescue Company 2
Lieut. Peter F. Palmieri.....	Ladder Company 19
Lieut. William E. Powers.....	Engine Company 56
Lieut. Winthrop S. Robbins.....	Engine Company 55
Lieut. Thomas F. Somma.....	Engine Company 28
Lieut. Casimer Baltusis.....	Engine Company 19
Lieut. John F. Beecher.....	Engine Company 15
Lieut. John A. Bonanno.....	Engine Company 9
Lieut. John M. Burke.....	Engine Company 8

Lieut. Patrick Callaghan.....	Engine Company 34
Lieut. Edward D. Campbell.....	Ladder Company 12
Lieut. Thomas L. Corliss.....	Engine Company 3
Lieut. James A. Dailey.....	Ladder Company 20
Lieut. Richard P. Duffley.....	Engine Company 20
Lieut. Clarence X. Frost.....	Ladder Company 12
Lieut. Paul W. Frost.....	Ladder Company 11
Lieut. John E. Fencer.....	Engine Company 18
Lieut. John A. Hayes.....	Ladder Company 4
Lieut. Edward J. Hurley.....	Ladder Company 27
Lieut. Francis A. Lee.....	Ladder Company 9
Lieut. John J. Lowney.....	Rescue Company 1
Lieut. John J. Mahoney.....	Engine Company 17
Capt. Thomas M. Manning.....	Engine Company 28
Lieut. Vincent P. McBrine.....	Ladder Company 32
Lieut. John J. McCorkle.....	Engine Company 24
Lieut. James F. McMahon.....	Engine Company 30
Lieut. Philip A. O'Farrell.....	Ladder Company 8
Lieut. Joseph Ruggiero.....	Engine Company 11
Lieut. Albert Sacco.....	Engine Company 4
Lieut. Edward W. Sharkey.....	Engine Company 30
Lieut. Richard E. Sullivan.....	Engine Company 27
Lieut. Walter A. Maraghy.....	Ladder Company 30

STATISTICS



DEPARTMENT DRILL TEAM PERFORMING DRILL EVOLUTIONS
DURING FIRE PREVENTION WEEK

STATISTICS

COMPARATIVE FIGURES — MAN POWER (Actually on Rolls)

YEAR	Total Fire Fighting Force *	Total Number of Privates †	Total Number of Apparatus Operators	Total Number of Lieutenants	Total Number of Captains	Total Number of District Chiefs
1947.....	2,014	1,530	31	189	90	51
1948.....	2,163	1,594	25	221	88	49
1949.....	2,156	1,629	23	246	95	49
1950.....	2,183	1,641	20	249	96	51
1951.....	2,208	1,647	18	254	98	52

* Includes Chief of Department, Aides to Commissioner and Chief of Department, Deputy Chiefs, Masters and Engineers on fireboats, High Pressure Service, Motor Squad, etc.
† As of December 31.

USE OF APPARATUS Summary — Service Reports, 1951, Engine Companies

UNIT	Alarms Attended	Working Fires	Hose Used, Feet	Hours Work	Pump Hours
Engine 1.....	752	153	39,700	64.25	6.00
Engine 2.....	431	219	42,570	98.10	18.15
Engine 3.....	988	425	97,550	194.17	54.31
Engine 4.....	712	212	43,300	104.12	5.13
Engine 5.....	467	191	48,500	89.15	18.13
Engine 6.....	608	244	52,450	120.35	34.15
Engine 7.....	457	211	51,300	96.02	8.13
Engine 8.....	411	297	37,650	171.14	9.52
Engine 9.....	430	174	58,300	84.07	8.44
Engine 10.....	584	115	40,350	101.42	33.24
Engine 11.....	271	90	32,600	54.26	26.03
Engine 12.....	1,123	322	88,300	152.00	55.00
Engine 13.....	1,375	555	140,150	215.15	51.25
Engine 14.....	1,460	338	89,850	96.19	17.46
Engine 15.....	868	195	53,050	90.17	12.44
Engine 16.....	460	217	41,500	101.12	18.21
Engine 17.....	859	280	75,300	106.27	51.04
Engine 18.....	758	302	73,650	102.58	28.40
Engine 19.....	629	319	62,900	185.10	51.23



TWO ALARMS, BOX 1247

FIRE DEPARTMENT.

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USE OF APPARATUS Summary—Service Reports, 1951, Engine Companies— Concluded

UNIT	Alarms Attended	Working Fires	Hose Used, Feet	Hours Work	Pump Hours
Engine 20.....	412	195	47,150	69.49	34.30
Engine 21.....	917	375	85,450	160.10	32.25
Engine 22.....	1,284	702	191,150	397.05	68.42
Engine 23.....	1,327	340	72,250	412.41	72.10
Engine 24.....	1,013	380	88,500	125.27	8.40
Engine 25.....	387	173	39,350	93.38	23.21
Engine 26.....	1,505	480	121,750	231.06	70.56
Engine 27.....	446	111	27,450	51.14	22.04
Engine 28.....	567	273	54,450	75.42	7.50
Engine 29.....	584	235	38,500	97.38	39.18
Engine 30.....	390	233	65,700	77.56	22.52
Engine 31 (Boat).....	82	6	2,050	6.00	1.25
Engine 32.....	384	274	39,000	119.20	28.13
Engine 33.....	738	493	115,400	190.54	17.02
Engine 34.....	412	128	29,450	61.00	12.00
Engine 36.....	374	79	30,650	46.10	18.07
Engine 37.....	881	293	80,600	108.07	12.39
Engine 39.....	472	146	38,100	96.52	8.52
Engine 40.....	271	139	11,500	64.00	11.30
Engine 41.....	540	260	58,250	93.44	9.09
Engine 42.....	983	351	73,150	102.52	52.57
Engine 43.....	944	295	77,250	133.39	25.48
Engine 44 (Boat).....	103	5	1,700	10.34	8.23
Engine 45.....	451	219	57,950	71.22	18.47
Engine 46.....	672	220	54,500	63.35	25.02
Engine 47 (Boat).....	373	7	1,300	9.34	3.00
Engine 48.....	422	227	53,450	81.00	30.00
Engine 49.....	251	121	27,700	53.42	18.20
Engine 50.....	681	146	44,500	76.10	19.53
Engine 51.....	349	143	29,800	45.35	7.49
Engine 52.....	595	282	55,450	82.16	12.05
Engine 53.....	461	176	37,800	84.35	29.42
Engine 54.....	35	34	8,750	12.03	3.54
Engine 55.....	243	111	33,250	55.38	15.05
Engine 56.....	71	9	14,300	18.46	5.46



TWO ALARMS, BOX 1552

FIRE DEPARTMENT.

31

USE OF APPARATUS Summary—Service Reports, 1951, Ladder Companies

UNIT	Alarms Attended	Working Fires	Ladders Used, Feet	Hours Work
Ladder 1.....	568	273	6,570	113.08
Ladder 2.....	412	261	3,656	96.49
Ladder 3.....	864	429	13,661	214.12
Ladder 4.....	1,568	827	16,398*	412.56
Ladder 5.....	852	310	4,444	92.27
Ladder 6.....	618	261	1,531*	76.20
Ladder 7.....	1,087	417	3,874	130.51
Ladder 8.....	562	241	9,896	127.30
Ladder 9.....	563	225	3,266	85.50
Ladder 10.....	632	327	2,664	120.51
Ladder 11.....	628	297	4,284	101.58
Ladder 12.....	1,224	600	12,556	138.53
Ladder 13.....	1,126	542	13,865	172.10
Ladder 14.....	503	342	4,174	120.07
Ladder 15.....	707	496	12,373	156.19
Ladder 16.....	613	290	2,150*	77.23
Ladder 17.....	661	390	11,260	136.59
Ladder 18.....	307	159	5,195	122.22
Ladder 19.....	357	196	3,115	49.09
Ladder 20.....	896	325	4,270	111.30
Ladder 21.....	237	141	1,467	46.43
Ladder 22.....	524	71	1,644	74.00
Ladder 23.....	1,240	672	10,247	260.52
Ladder 24.....	611	372	11,197	146.37
Ladder 25.....	432	269	691*	79.38
Ladder 26.....	875	406	7,340	125.50
Ladder 27.....	715	324	2,765*	113.30
Ladder 28.....	430	233	1,917*	83.07
Ladder 29.....	739	364	2,798*	95.45
Ladder 30.....	1,043	418	5,709	104.30
Ladder 31.....	461	195	3,968	97.41
Ladder 32.....	242	109	411*	93.15
Ladder 33.....	35	34	395	11.55
Ladder 34.....	312	84	1,298*	46.30

* Also used hose.

USE OF APPARATUS
Summary — Service Reports, 1951, Rescue, Water Tower, Lighting
Plant Companies

UNIT	Alarms Attended	Working Fires	Hours Work
Rescue 1.....	1,497	431*	144.20
Rescue 2.....	3,134	264*	484.10
Rescue 3.....	892	235*	114.18
Tower 1.....	342	21	21.00
Tower 2.....	416	34	14.27
Lighting Plant 1.....	477	65	133.19
Lighting Plant 2.....	799	153	378.34
Lighting Plant 3.....	836	56	90.23

* Also performed service in various emergencies, accidents, inhalator cases, etc.

COMPARATIVE FIRE DEPARTMENT
EXPENDITURES

	1950	1951
1. PERSONAL SERVICES		
Permanent employees	\$8,090,396 81	\$8,606,478 13
Overtime	22,269 10	122,091 30
	\$8,112,665 91	\$8,728,569 43
2. CONTRACTUAL SERVICES		
Communications	\$24,356 46	\$27,272 25
Electricity	41,105 78	46,063 25
Gas	3,112 40	3,151 93
Steam	7,812 00	9,000 00
Professional and technical services	1,015 00	2,118 97
Repairs and maintenance of build- ings and structures	17,670 44	42,378 86
Repairs and servicing of equipment	63,212 27	38,955 68
Travel expenses — outside the state	984 83	928 92
Advertising and posting	112 00	140 50
Duplicating services	48 50	38 40
Cleaning	4,105 00	5,160 40
Freight and express charges	267 00	2,986 65
Printing, binding and ruling	2,914 62	6,991 15
Other contractual services	868 65	2,890 64
	\$167,584 95	\$188,077 60
3. SUPPLIES AND MATERIALS		
Automotive supplies and materials	\$100,667 64	\$84,557 85
Building supplies and materials . .	15,145 32	29,924 79
Food supplies	—	8 00
Heating supplies and materials . .	102,287 37	100,996 87
Household supplies and materials .	8,709 88	17,522 88
Medical, dental and hospital sup- plies and materials	714 48	1,338 24
Carried forward	\$227,524 69	\$234,348 63

Comparative Fire Department Expenditures—Concluded

	1950	1951
3. SUPPLIES AND MATERIAL—Continued		
Brought forward	\$227,524 69	\$234,348 63
Office supplies and materials . . .	17,109 11	22,108 87
Police, traffic control, and firefight- ing supplies and materials	40,839 22	37,557 44
General operating supplies and materials	5,727 50	19,345 96
Repair parts and materials (non- automotive)	9,682 25	25,111 83
Tools and instruments (except medi- cal and laboratory)	6,540 82	8,114 78
Wearing apparel	24,500 69	34,331 30
Other supplies and materials	7,528 30	1,150 44
	\$339,452 58	\$382,069 25
4. CURRENT CHARGES AND OBLIGATIONS		
Dues and subscriptions	\$362 00	\$395 27
Bond and insurance premiums . . .	21 46	1,922 50
Licenses	339 12	41 50
Rents	11,617 27	5,251 00
	\$12,339 85	\$7,610 27
5. EQUIPMENT		
Automotive equipment	\$25,000 00	\$24,353 40
Electrical and mechanical machinery and equipment	924 65	7,278 66
Engineering and scientific equip- ment	—	501 62
Firefighting equipment	198,963 25	86,129 42
Household furniture and equipment	6,593 97	3,486 63
Medical, dental and hospital equip- ment	1,542 95	2,538 85
Office furniture and equipment . . .	2,074 91	6,390 02
Signal equipment	18,214 35	29,118 39
Library books	17 50	201 00
Other equipment	108 00	1,028 66
	\$253,439 58	\$161,026 65
DEPARTMENT TOTAL	\$8,885,482 87	\$9,467,353 20

FIRE DEPARTMENT REVENUE—1951.

Permits for storage of inflammable fluids, certificates of registration, etc.	\$95,512 00
Sale of badges	21 70
Sale of old condemned hose	34 94
Sale of junk	1,430 45
Miscellaneous sales	579 47
Damage to apparatus and motor vehicles	1,515 00
Damage to fire alarm boxes	2,092 53
Total	\$101,186 09

**CHAPLAINS' REPORTS
1951**



FUNCTION OF CHAPLAIN SERVICE — ANNUAL MEMORIAL MASS — 1951
Cathedral of the Holy Cross, Saturday, November 24, at 9 A.M. Led by Chief of Department John V. Stapleton, Followed by
Mayor John B. Hynes, Mayor Elmer Robinson, San Francisco, Fire Commissioner Michael T. Kelleher,
and Members of Fire Department

REPORT OF ANNUAL ACTIVITIES OF CATHOLIC CHAPLAIN FOR THE YEAR 1951

A. PREAMBLE

The relationship of the department Catholic chaplain to the members of the department, with whom he has individual dealings, is always confidential, in detail.

B. CATHOLIC CHAPLAIN'S ACTIVITIES

1. Conducted consultations with department members in chaplain's office, at chaplain's residence, and in company quarters on the occasion of visits, through the year.
2. Visited the injured and ill, at hospitals and in homes.
3. Present at homes and funeral parlors, on occasion of death of department members.
4. Attended funeral Masses for deceased members.
5. Directed activities for Annual Memorial Mass for deceased members of the department, held annually in November, at the Cathedral of the Holy Cross.
6. Rendered services of assistance and counsel to families of living and deceased members of the department.
7. Directed the function of Catholic members of the department, serving on the committee and sponsoring the Annual Communion Mass and the Communion Breakfast in the Easter season.
8. Attended multiple-alarm fires and single-alarm fires involving special hazard, administering the rites of the Catholic Church, when required, to firemen and civilians whose lives were endangered, or where death ensued from fire conditions.
9. Participated in functions conducted by organizations within the department and responded to invitations extended for events conducted by outside fire departments.

10. Cooperated with department officers in matters concerning department regulations and good order.

REPORT OF ANNUAL ACTIVITIES OF PROTESTANT CHAPLAIN FOR THE YEAR 1951

The Protestant members of the Boston Fire and Protective Departments held three gatherings in 1951. The Reverend Russell Bishop, pastor of the First Baptist Church, Newton Center, was the speaker at a ladies' night dinner meeting in the Boylston Congregational Church, Jamaica Plain, February 12. Members of the Boston Department went to Christ Church, Quincy, April 2, to attend the third annual dinner meeting of the Protestant Firefighters of Greater Boston. The guest speaker was the Reverend Howard Kellett, State Prison chaplain, and the Boston Department chaplain was master of ceremonies. An informal get-together was held in the Boylston Congregational Church, Jamaica Plain, October 29. In preparation for these meetings there was a meeting of the Chaplain's Council, September 18; a meeting of representatives of eleven Greater Boston departments, October 9; and a meeting of chaplains of three departments in Quincy, March 5.

During 1951, the Protestant chaplain attended five department events: the concert and ball in February; the Memorial Sunday services in June (offering the prayer); the dedication of a plaque for Lieut. Roy Burrill and Ladderman Benson at Engine 41, Ladder 14, May 27 (giving the benediction); the program for junior firemen at the Hatch Shell, June 7 (pronouncing the benediction); and the dedication of the new Fire Headquarters on Southampton street, August 20 (offering the prayer of dedication of the new fire station housing Engine 23 and Tower 2).

In addition, the chaplain attended and spoke briefly at the installation of officers of Local 718, I. A. F. F., January 15; attended and gave the invocation at the annual convention banquet of the Massachusetts Public School

Custodians' Association, Boston Teachers College, July 10; spoke at the farewell reception for the Reverend Harold Anderson given by the Tapper Club, October 13; conducted an early Sunday morning service at the Protestant Chapel, Boston City Hospital, October 21—a service attended by a number of members of the department; and spoke on his work as chaplain at a meeting of the South End Women's Club, November 5. He attended the funeral services of two Protestant members of the Boston Protective Department, the funeral service of the father of a Protestant member of the Fire Department, and conducted the funeral service for the wife of another Protestant member. The chaplain made fifty-seven visits to thirty-eight fire houses, made thirty-two calls on members on sick or injured leave in hospitals and at home, and responded to sixty-seven alarms (one four-alarm fire, five three-alarm, five two-alarm, and fifty-six single or still alarms). He has held office hours regularly at Engine 26's quarters Tuesday mornings, Tuesday evenings, and Friday afternoons.

REPORT OF ANNUAL ACTIVITIES OF JEWISH CHAPLAIN FOR THE YEAR 1951

The Jewish chaplain has, during the year of 1951, cared for the religious needs of the members of the Boston Fire Department who are of the Jewish faith; counseled and assisted members of the Boston Fire Department in their personal and domestic problems; visited firefighting stations; visited Boston Fire Department men when ill, at home or in hospital; responded to second alarm fires; participated in official Boston Fire Department functions, the firefighters' union, and its auxiliary, and was subject to call twenty-four hours a day, seven days of the week.

Performance of above functions required about three hundred calls during the year 1951, ranging from fifteen minutes to four hours per call.

**FIRE ALARM DIVISION
1951**

(41)



INTERIOR VIEW OF FIRE ALARM OFFICE
Telephone Switchboard, Radio Transmitter and Receiver, Tapper and Gong Transmitting Machine, Map Showing Locations of
All Fire Stations, Incoming and Outgoing Tapper and Gong Circuit Panels

FIRE ALARM DIVISION

GENERAL SUMMARY OF ALARMS

TOTAL NUMBER OF ALARMS TRANSMITTED (To Which Apparatus Responded)

	1949	1950	1951
First alarms (boxes).....	8,977	8,913	8,637
Still alarms — Net TOTAL.....	7,288	7,052	6,529
Total alarms — Boston only.....	16,265	15,965	15,166
Mutual aid.....	74	99	81
TOTAL ALARMS.....	16,339	16,064	15,247

TELEPHONE ALARMS

	1949	1950	1951
Alarms received from citizens by telephone (for fire)...	5,865	5,821	5,248
Per cent of total alarms.....	38.2	36.2	34.4

FALSE ALARMS

	1949	1950	1951
Total false alarms.....	2,151	2,145	2,301
Per cent of total alarms.....	13.2	13.3	15.1

The first electric telegraph fire alarm system in the world (in Boston) cost \$16,000 and consisted of 40 miles of wire, 45 signal boxes or stations, and 16 alarm bells.
The system was officially accepted by the city at noon, April 28, 1852, and the first alarm was received from Station 7, District 1 (now Box 1212), at 8.25 p.m., April 29, 1852.
Total box alarms transmitted since April 28, 1852, through December 31, 1951, 365,750.

ANALYSIS OF STILL ALARMS

	1949	1950	1951
Received from citizens by telephone.....	5,865	5,821	5,248
Received from Police Department.....	906	801	806
Received from Fire Department.....	1,502	1,480	1,316
Boxes received — treated as STILLS.....	9	21	23
Emergency calls — treated as STILLS.....	1,484	1,610	1,883
Received from Boston Automatic *.....	180	206	169
Received from A. D. T.*.....	98	144	121
Received from G. A. C.*.....	80	80	70
GROSS TOTAL.....	10,184	10,253	9,636
DEDUCT			
Still alarms received for which BOX ALARMS were pulled after and BOX ALARMS were transmitted....	107	102	72
Still alarms received for which BOX ALARMS were transmitted.....	2,709	3,009	3,035
NET TOTAL STILL ALARMS.....	7,288	7,052	6,329
MUTUAL AID ALARMS.....	74	99	81

* Does Not include alarms received after still alarm or after City Box Alarm, in which case no action was taken.

NOTE.— NET TOTAL STILL ALARMS indicates number of alarms for which apparatus was dispatched by telephone without Box Alarm, and alarms for which Private Company box only was transmitted without City Box Alarm.

SUMMARY OF ALARMS FOR 1951 FROM BOSTON AUTOMATIC FIRE ALARM COMPANY, * AMERICAN DISTRICT TELEGRAPH COMPANY, † GENERAL ALARM CORPORATION ‡

	B.A.*	A.D.T.†	G.A.C.‡	Total
Total Alarms transmitted by Company to Fire Alarm Headquarters.....	169	121	70	360
City Box ALARMS transmitted after Company Alarms had been transmitted.....	169	120	70	359
Company Alarms transmitted, No CITY Box alarm transmitted.....	—	1	—	1
Company Alarm treated as STILL ALARM (by telephone). No Box transmitted.....	—	—	—	—
Company Alarm received after STILL ALARM or CITY Box Alarm, and therefore Company Alarm Not transmitted.....	3	6	—	9

ANALYSIS OF FALSE ALARMS

	1947	1948	1949	1950	1951
Box Alarms received and transmitted.....	1,935	2,035	2,084	2,055	2,210
Telephone Alarms received for which Box Alarms were transmitted.....	21	50	35	32	40
Boston Automatic Alarms received for which Box Alarms were transmitted.....	1	1	—	—	1
A.D.T. Alarms received for which Box Alarms were transmitted.....	2	—	1	—	—
G.A.C. Alarms received for which Box Alarms were transmitted.....	—	—	—	—	—
TOTAL FALSE ALARMS for which Box Alarms were transmitted.....	1,959	2,096	2,120	2,087	2,251
BOX ALARMS received, treated as STILL ALARMS (No Box transmitted).....	44	11	4	20	22
Telephone Alarms received, treated as STILL ALARMS (No Box transmitted).....	33	22	27	39	28
B.A., A.D.T., G.A.C. Alarms received, Company Box transmitted or treated as STILL ALARM (No CITY Box transmitted).....	—	—	—	—	—
TOTAL FALSE ALARMS to which apparatus responded.....	2,036	2,129	2,151	2,146	2,301
Adjacent Box Alarms received for which No Action was taken.....	4	4	3	12	26

ANALYSIS OF ALARMS BY MONTHS

1951	Total											
	January	February	March	April	May	June	July	August	September	October	November	December
Alarms												
Box	824	622	684	826	840	585	665	528	608	836	893	812
Telephone.....	430	340	389	507	526	396	475	427	391	446	480	422
Other stills.....	132	76	98	149	145	101	134	97	100	123	110	107
Totals.....	1,386	1,038	1,171	1,482	1,511	1,082	1,274	1,052	1,099	1,405	1,393	1,341
Alarms Received From												
Members.....	3	1	2	3	3	1	4	3	7	1	1	.....
Police.....	13	6	12	13	14	7	22	16	15	10	18	13
Watchman.....	3	4	3	4	7	.....	1	2	4	4	5	1
Automatic.....	37	37	42	25	30	25	36	21	29	28	47	52
Unknown.....	157	160	172	226	200	164	165	166	199	304	211	186
Outsider.....	1,173	830	940	1,211	1,257	885	1,046	844	845	1,058	1,111	1,089
Totals.....	1,386	1,038	1,171	1,482	1,511	1,082	1,274	1,052	1,099	1,405	1,393	1,341
												15,234

FIRE DEPARTMENT.

No Fires	False.....	157	160	172	226	200	164	165	166	199	304	211	186	2,310
	Accidental.....	34	32	32	19	27	18	32	21	22	20	41	47	345
	Rescue.....	108	179	107	157	190	195	208	191	167	175	105	192	2,094
	Needless bell.....	88	70	76	56	63	48	46	50	49	78	72	81	777
	Needless still.....	54	60	38	27	29	40	32	52	50	46	63	66	557
	Automobile fire.....	94	80	68	72	114	98	108	73	92	82	98	89	1,077
Rubbish and Grass Fires	Rubbish vacant lot.....	72	30	45	111	122	64	109	69	73	65	51	44	855
	Rubbish near building.....	29	11	23	43	68	22	51	39	37	50	43	37	453
	Dump.....	3	1	1	5	6	1	5	3	1	4	4	2	36
	Brush or grass.....	66	32	137	342	185	48	99	61	48	140	174	84	1,436
	Other outdoor.....	263	53	27	77	116	85	138	70	79	130	172	83	1,383
	Marine.....	1	.....	1	.....	.....	1	2	2	1	.....	.....	.....	8
	Out of city calls.....	9	9	10	13	11	4	10	8	1	2	4	11	92
Building Fires	Confined to room.....	236	227	265	235	229	188	103	170	197	233	268	310	2,751
	Confined to building.....	106	81	86	93	141	104	74	75	81	84	84	110	1,119
	Extended to others.....	7	3	4	5	10	2	2	2	2	2	3	2	44

MULTIPLE ALARM FIRES

	1947	1948	1949	1950	1951
Two Alarms.....	49	65	64	54	44
Three Alarms.....	15	18	18	5	7
Four Alarms.....	7	1	2	0	1
Five Alarms.....	0	1	0	2	0
Totals.....	71	85	84	61	52

SUMMARY OF MULTIPLE ALARM FIRES
ACCORDING TO MONTHS OF THE YEAR — 1951

MONTH	Two Alarms	Three Alarms	Four Alarms	Five Alarms	Totals
January.....	4	2	0	0	6
February.....	5	0	0	0	5
March.....	7	0	0	0	7
April.....	2	0	0	0	2
May.....	5	0	0	0	5
June.....	1	2	0	0	3
July.....	1	1	0	0	2
August.....	3	1	0	0	4
September.....	1	0	0	0	1
October.....	2	0	0	0	2
November.....	6	0	1	0	7
December.....	7	1	0	0	8
Totals.....	44	7	1	0	52

SUMMARY OF ALARMS
ACCORDING TO DAY OF WEEK — 1951

	Boxes	Stills	Total	Number of Days in Year	Average Per Day
Monday.....	1,175	983	2,158	53	40.6
Tuesday.....	1,221	971	2,192	52	42.1
Wednesday.....	1,280	990	2,270	52	43.7
Thursday.....	1,216	898	2,114	52	40.6
Friday.....	1,323	954	2,277	52	43.8
Saturday.....	1,306	1,014	2,320	52	44.6
Sunday.....	1,116	800	1,916	52	36.8
Totals.....	8,637	6,610	15,247	365	41.8

NOTE.—Alarms received from B.A., A.D.T. and G.A.C. where private Company Box only was transmitted without City Box have been included under STILL ALARMS. All alarms for Mutual Aid have been included under STILL ALARMS.

SUMMARY OF ALARMS
ACCORDING TO FIRE DISTRICTS — 1951

No.	DISTRICT	Boxes	Stills	Total
1	East Boston	413	346	759
2	Charlestown	452	309	761
4	North and West Ends	689	373	1,062
5	Business District	387	220	607
6	South Boston	824	445	1,269
7	South End and Back Bay	935	591	1,526
8	Roxbury (West)	1,105	663	1,768
9	Roxbury (East)	1,021	616	1,637
10	Dorchester (North)	659	525	1,184
11	Brighton	499	536	1,035
12	Jamaica Plain	431	375	806
13	Roslindale (West Roxbury)	336	461	797
14	Dorchester (South)	552	667	1,219
15	Hyde Park	334	402	736
Total in Boston		8,637	6,529	15,166
Mutual Aid to Outside Cities and Towns		—	81	81
Totals		8,637	6,610	15,247

**SUMMARY OF ALARMS
ACCORDING TO TIME OF DAY—1951**

	Boxes	Stills	Total
12:00 Mid.—1:00 A. M.	322	156	478
1:00 A. M.—2:00 A. M.	263	148	411
2:00 A. M.—3:00 A. M.	164	107	271
3:00 A. M.—4:00 A. M.	109	88	197
4:00 A. M.—5:00 A. M.	103	57	160
5:00 A. M.—6:00 A. M.	77	42	119
6:00 A. M.—7:00 A. M.	89	75	164
7:00 A. M.—8:00 A. M.	145	80	231
8:00 A. M.—9:00 A. M.	201	181	382
9:00 A. M.—10:00 A. M.	246	221	467
10:00 A. M.—11:00 A. M.	298	297	595
11:00 A. M.—12:00 Noon	336	331	667
12:00 Noon—1:00 P. M.	357	329	686
1:00 P. M.—2:00 P. M.	389	380	769
2:00 P. M.—3:00 P. M.	427	382	809
3:00 P. M.—4:00 P. M.	532	451	983
4:00 P. M.—5:00 P. M.	673	534	1,207
5:00 P. M.—6:00 P. M.	712	560	1,272
6:00 P. M.—7:00 P. M.	610	492	1,102
7:00 P. M.—8:00 P. M.	638	458	1,096
8:00 P. M.—9:00 P. M.	640	410	1,050
9:00 P. M.—10:00 P. M.	594	330	924
10:00 P. M.—11:00 P. M.	397	296	693
11:00 P. M.—12:00 Mid.	315	199	514
Totals	8,637	6,610	15,247

MUTUAL AID ALARMS

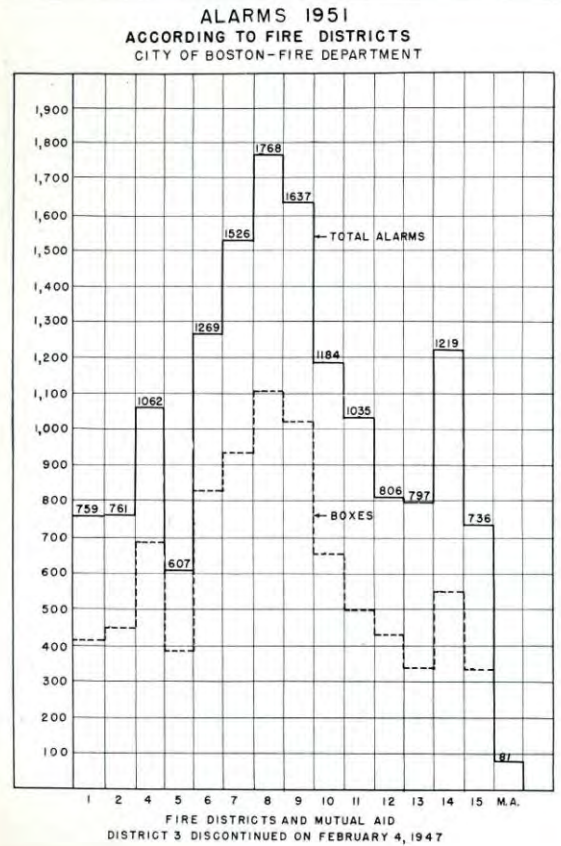
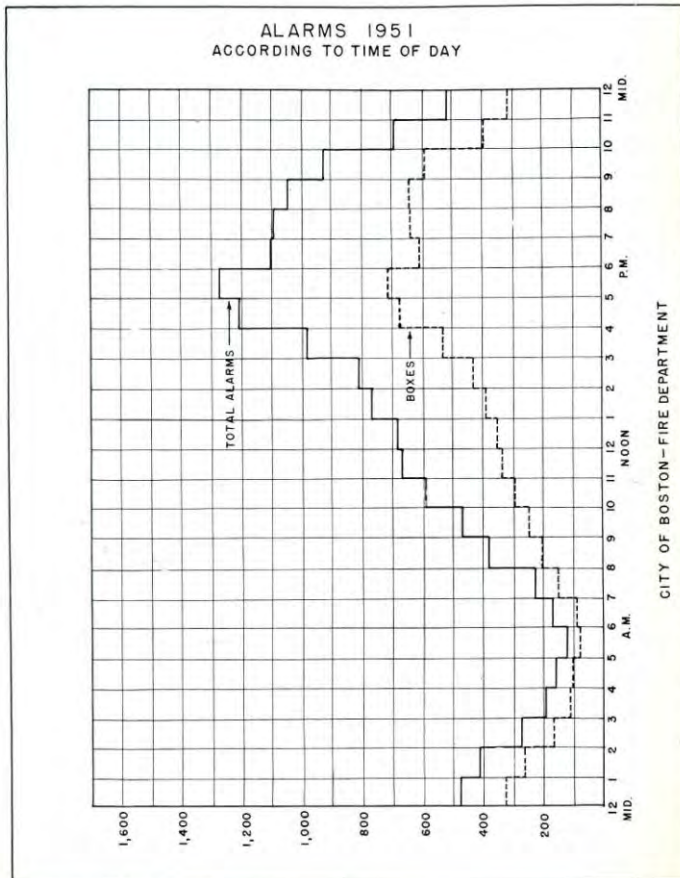
	Response of BOSTON to Outside Cities and Towns					Response of Adjacent Cities and Towns to BOSTON				
	1947	1948	1949	1950	1951	1947	1948	1949	1950	1951
Biddeford, Maine.....	1	—	—	—	—	—	—	—	—	—
Brookline.....	14	11	7	9	12	97	83	78	71	92
Cambridge.....	1	4	1	1	8	1	1	1	2	0
Chelsea.....	12	9	8	13	11	3	8	5	7	4
Dedham.....	0	0	0	2	0	20	15	16	29	20
Everett.....	1	4	0	4	2	1	1	1	3	0
Fitchburg.....	1	—	—	—	—	—	—	—	—	—
Gloucester.....	1	—	—	—	—	—	—	—	—	—
Lynn.....	1	—	—	—	—	—	—	—	—	—
Malden.....	2	—	—	—	—	—	—	—	—	—
Milton.....	7	3	8	9	8	0	2	2	2	0
Newton.....	3	2	3	6	1	16	14	26	19	16
Norwood.....	0	—	—	—	1	—	—	—	—	—
Quincy.....	1	3	0	1	4	0	1	2	2	0
Reading.....	1	—	—	—	0	—	—	—	—	—
Revere.....	2	0	1	1	0	—	—	—	—	—
Saugus.....	0	0	0	1	0	—	—	—	—	—
Somerville.....	35	35	46	52	34	34	27	40	27	38
Winthrop.....	—	—	—	—	—	1	—	2	2	5
Totals.....	83	71	74	99	81	173	152	173	164	175

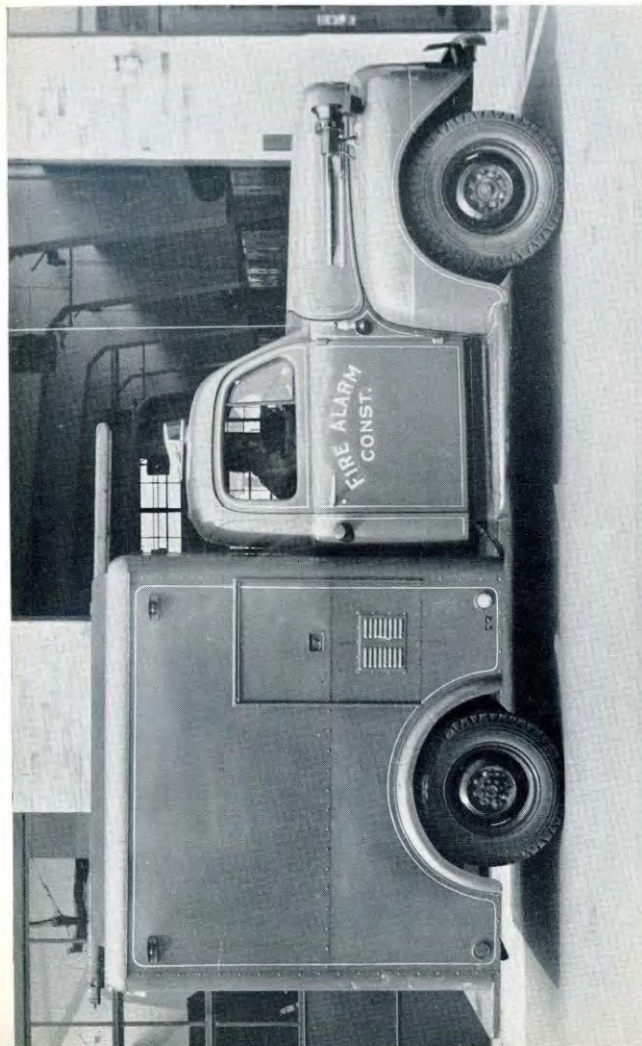
**SUMMARY OF EMERGENCY SERVICES, ACCIDENTAL, AND
NEEDLESS ALARMS, JANUARY 1—DECEMBER 31, 1951**

Total alarms — emergency service	2,004
Accidental alarms	345
Needless alarms	1,344

TOTAL ALARMS TO WHICH APPARATUS RESPONDED																					
CITY OF BOSTON - FIRE DEPARTMENT																					
18,000																					
17,000																					
16,000																					
15,000																					
14,000																					
13,000																					
12,000																					
11,000																					
10,000																					
9,000																					
8,000																					
	9,407	9,103	9,968	9,837	9,493	9,678	9,503	11,537	9,940	12,438	10,627	12,548	12,358	13,074	17,084	15,189	13,916	16,399	16,064	15,247	
	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	

[illegible]





TWO-WAY-RADIO-EQUIPPED FIRE ALARM CONSTRUCTION DIVISION EMERGENCY SERVICE TRUCK FOR THE MAINTENANCE OF FIRE ALARM BOXES, CIRCUITS, ETC.

FIRE DEPARTMENT.

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SUMMARY OF FIRE ALARM BOXES

Total number of fire alarm boxes in service as of December 31, 1950	1,848
Fire alarm boxes installed January 1 to December 31, 1951	18
Fire alarm boxes removed January 1 to December 31, 1951	7
NET INCREASE in number of fire alarm boxes	11
Total number of fire alarm boxes in service as of December 31, 1951	1,859

DISTRIBUTION OF FIRE ALARM BOXES DISTRICTS

District 1	104	District 9	120
District 2	109	District 10	148
District 4	108	District 11	164
District 5	71	District 12	111
District 6	187	District 13	182
District 7	106	District 14	172
District 8	142	District 15	135

DIVISIONS

Division 1	392
Division 2	599
Division 3	868
Total	1,859

FIRE ALARM CONSTRUCTION FORCE UNDERGROUND CONSTRUCTION — 1951

NUMBER CONDUCTORS	TYPE OF CABLE	INSTALLED		REMOVED	
		Feet of Cable	Feet of Conductors	Feet of Cable	Feet of Conductors
4	Polyethylene	2,841	11,764	1,445	5,780
6	Lead (reclaimed)	991	5,946	1,751	10,506
6	Non-metallic	—	—	600	3,600
7	Polyethylene	6,485	45,395	—	—
7	Lead	—	—	985	6,805
10	Polyethylene	6,836	68,360	—	—
10	Lead	—	—	1,065	10,650
19	Lead	165	3,135	530	10,070
19	Polyethylene	5,822	108,618	—	—
20	Lead	—	—	465	9,300
37	Polyethylene	4,135	152,995	2,474	91,538
80	Lead	10	800	10	800
Totals		27,285	397,013	9,325	149,139

OVERHEAD CONSTRUCTION — 1951

	Installed, Feet	Removed, Feet
No. 9 A.W.G., T.B.W.P.	1,000	—
No. 10 A.W.G., copperweld, T.B.W.P.	15,600	—
2 Conductors, No. 14, non-metallic	2,500	—
4 Conductors, No. 14, A.W.G., polyethylene	625	—
4 Conductors, No. 14, A.W.G., non-metallic	2,470	—
Total	21,195	—

FIRE ALARM BOXES INSTALLED IN 1951

DATE	BOX NUMBER	LOCATION	Dis- trict
Jan. 26	12-5148	Brighton Housing Project, Fidelis Way, opposite No. 35.	11
Jan. 26	14-5148	Brighton Housing Project, Fidelis Way, opposite No. 18.	11
May 8	12-2423	Rockview Nursing Home, 40 Parley Avenue	12
May 8	13-2423	Arnold Nursing Home, 49 Parley Avenue	12
May 8	12-2523	Duplex Nursing Home, 12-14 Harris Avenue	12
June 12	5264	Market and Waverly Streets	11
Aug. 10	351	Norfolk and Stanton Streets	14
Aug. 31	13-6243	MTA Orient Heights Shops	1
Sept. 6	350	River and Duxbury Streets	14
Sept. 6	12-3454	Hebrew Ladies Home for Aged, 21 Queen Street	14
Sept. 7	3592	River Street and Gladeside Avenue	14
Sept. 14	3593	Meadowbank Avenue and Leahaven Road	14
Dec. 6	12-6194	MTA Day Square Station, Busway	1
Dec. 11	3596	Gladeside Avenue and Arborcrest Terrace	14
Dec. 12	3597	Ridgeview Avenue and Bluefield Terrace	14
Dec. 12	3599	Ridgeview Avenue and Donwood Terrace	14
Dec. 13	3595	Ridgeview Avenue and Briarcliff Terrace	14
Dec. 13	3598	Gladeside Avenue and Cragmere Terrace	14

FIRE ALARM BOXES REMOVED IN 1951

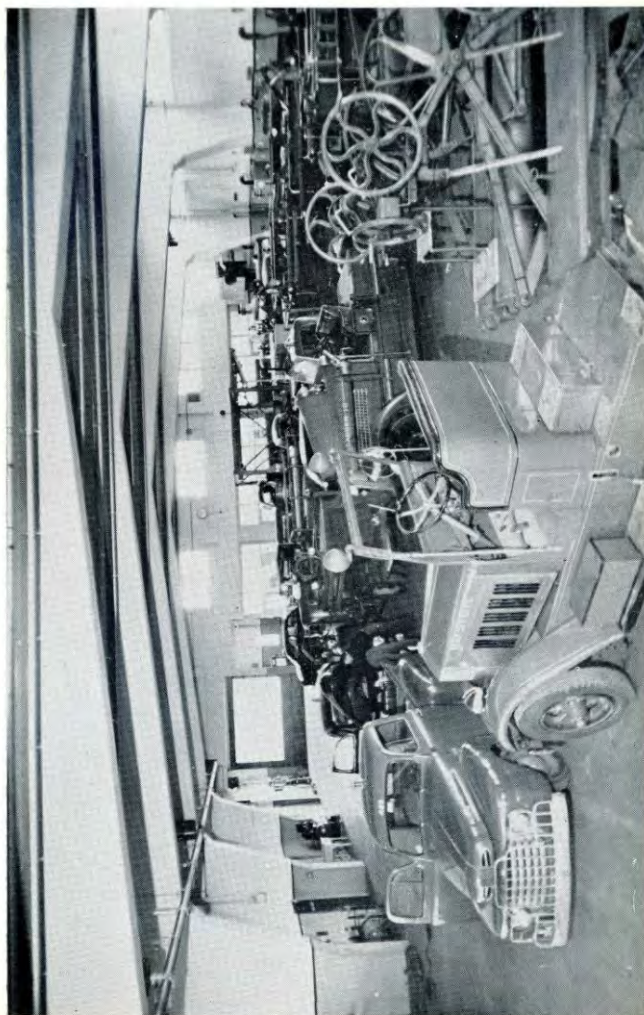
DATE	BOX NUMBER	LOCATION	Dis- trict
Feb. 1	13-2334	New York, New Haven & Hartford Railroad, Forsyth Street	8
April 4	12-3374	Franklin Field Veterans Housing, Nauset and Pocasset Roads	14
April 4	13-3374	Franklin Field Veterans Housing, Rear Building 25, Nauset Road	14
April 4	14-3374	Franklin Field Veterans Housing, Rear Building 3, Nauset Road	14
April 4	15-3374	Franklin Field Veterans Housing, Pocasset Road	14
April 4	13-1461	Laff Movie, 547 Washington Street	5
April 4	14-1451	In-Town Theatre, 545 Washington Street	5

FIRE ALARM BOXES RENUMBERED IN 1951

DATE	OLD	NEW	LOCATION	Dis- trict
May 28	3591	3589	Wood Avenue and Seminole Street	15
May 28	12-3127	12-3218	William E. Russell School, 750 Columbia Road	6
June 4	3537	3591	River Street and Ledgebrook Road	14
June 4	12-3537	12-3591	Boston Sanatorium, Domestic Building	14
June 4	13-3537	13-3591	Boston Sanatorium, Admission Building	14

**MAINTENANCE DIVISION
1951**

(61)



INTERIOR VIEW OF NEW MAINTENANCE DIVISION REPAIR SHOP AND GARAGE LOCATED ON MASSACHUSETTS AVENUE

MAINTENANCE DIVISION

RECORD OF HOSE

PURCHASED	Condemned	Repaired	In Service	In Stock
23,500 ft.	13,725 ft.	18,022 ft.	249,069 ft.	10,355 ft.

PAINTING ACTIVITIES

TYPE OF WORK	Number of Jobs	Labor Costs	Material Costs	Total Costs
Complete apparatus.....	6	\$742 00	\$96 14	\$838 14
Partial apparatus.....	53	405 72	67 88	473 60
Miscellaneous.....	72	651 03	60 93	711 96
Total.....	131	\$1,798 75	\$224 95	\$2,023 70

REPAIRS TO APPARATUS

PERFORMED By →	B. F. D. Maint. Div.	Outside Concerns	Total
Number of jobs.....	4,889	328	5,217
Cost of labor and material.....	\$56,990 41	\$13,378 64	\$70,569 05

REPAIRS TO BUILDINGS

PERFORMED By →	B. F. D. Maint. Div.	Outside Concerns	Total
Number of jobs.....	794	213	1,007
Cost of labor.....	\$25,160 94	—	—
Cost of material.....	5,306 05	—	—
Total cost.....	\$30,466 99	\$19,091 85	\$49,558 85

REPAIRS TO FIREBOATS

	COST, MATERIAL			Total
	Lumber	Packing	Valves	
B. F. D., Maintenance Division.....	\$30 64	\$279 58	\$1,344 08	\$1,654 30
Outside Concerns (drydocking, metallic packing, electric welding).....				\$2,379 89

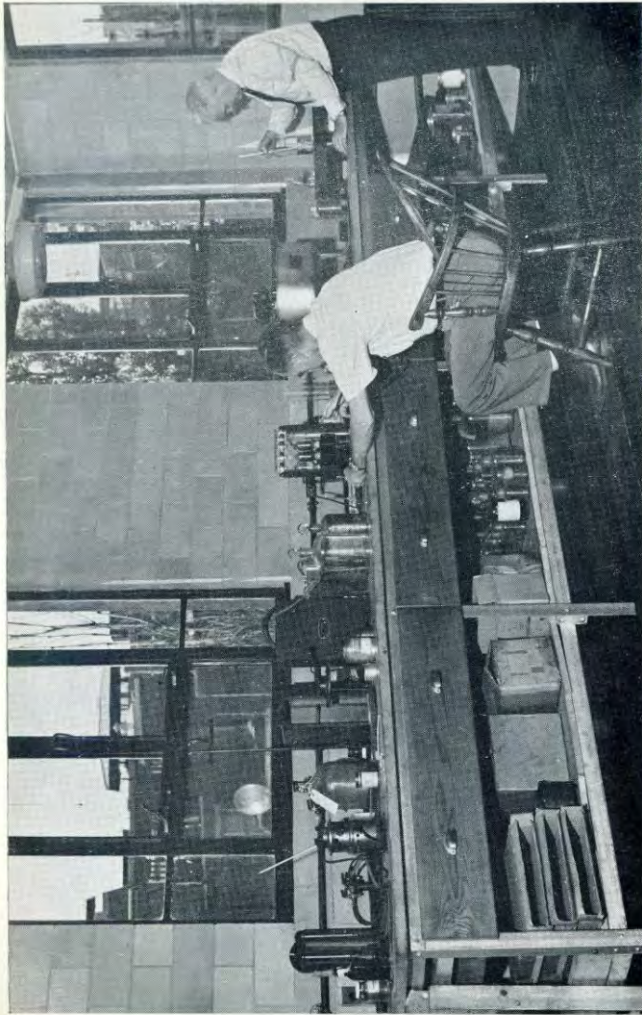
MOTOR EQUIPMENT INVENTORY

TYPE OF EQUIPMENT	In Service	In Reserve
Pumping Engines.....	53	9
Hose Wagons.....	44	8
Aerial Ladders.....	23	10
Junior Aerials.....	8	—
City Service Trucks.....	3	2
Water Towers.....	2	2
Rescue Wagons.....	3	1
Wrecking Unit.....	1	0
Fuel Wagon.....	1	1
Lighting Plant.....	3	0
Auxiliary Pumpers.....	6	0
Chief Officers' Cars.....	62	9
Commercial Cars (Trucks).....	26	5
Fork Lift Truck.....	1	0
Totals.....	236	47

RECORD OF UNIFORM CLOTHING

ARTICLE	Received and Distributed	Repaired and Cleansed	Reissued
Overcoats.....	37	29	102
Sack Coats.....	167	81	106
Trousers.....	284	163	136
Rubber Fire Coats.....	200	262	15
Uniform Caps.....	203	—	30

FIRE PREVENTION DIVISION
1951



CHEMISTRY LABORATORY OF THE FIRE PREVENTION DIVISION
Fireproof Structure Located Atop Engine Company 8-Ladder Company 1 Quarters on Lower Hanover Street. Here Tests Are Made of Flammable Fluids, Gases, Dusts, Etc., by Department Chemist Hiram Waterhouse

FIRE PREVENTION DIVISION

REVENUE RECEIVED FOR LICENSES, PERMITS, ETC., FOR THE YEAR 1951

Month	Blasting, Storage, Transportation and Sale of Explosives	Fireworks	Licenses Renewed	Open Air Fires	Permits—Inflammable Fluids	Tank Removals	Gross Totals	Deductions—Overpayment on Permits, etc.	Net Totals
January.....	\$2 00	—	\$239 00	\$66 50	\$450 50	\$1 00	\$750 00	—	\$750 00
February.....	50	—	749 00	52 50	336 50	1 50	1,140 00	—	1,140 00
March.....	2 50	—	5,068 00	97 00	707 00	1 00	5,875 50	—	5,875 50
April.....	3 50	\$1 00	15,606 50	143 00	6,336 00	1 50	22,291 50	\$1 50	22,290 00
May.....	2 50	—	18,321 00	228 00	10,935 00	1 50	29,456 00	2 50	29,453 50
June.....	4 00	—	7,057 00	79 00	12,221 50	2 50	19,364 00	1 00	19,363 00
July.....	4 00	—	4,341 00	132 50	1,901 50	50	6,079 50	—	6,079 50
August.....	2 00	—	2,678 50	269 00	425 00	3 50	3,318 00	—	3,318 00
September.....	3 50	—	1,866 50	201 50	421 50	1 50	2,494 50	—	2,494 50
October.....	7 50	—	728 50	231 50	809 50	4 50	1,801 50	50	1,801 00
November.....	5 00	—	313 00	103 00	754 50	2 50	1,178 00	50	1,177 50
December.....	2 00	—	1,067 00	127 00	563 00	2 00	1,760 50	50	1,760 00
Totals.....	\$39 00	\$1 00	\$58,085 00	\$1,690 50	\$35,729 50	\$23 50	\$95,318 50	\$6 50	\$95,312 00

Total Receipts for 1951.....\$95,312 00
Total Receipts for 1950.....\$94,103 50
Net gain.....\$1,218 50

FIRE DEPARTMENT.

SUMMARY OF INSPECTIONS AND INVESTIGATIONS — 1951

GENERAL INSPECTIONS

Dwelling houses, other than 1- and 2-family	13,153
Places of assembly, cabarets, dance halls, etc.	4,538
Mercantile and manufacturing occupancy	2,645
Department, small retail stores, etc.	2,847
Mystic Docks, Charlestown	875
Reinspections (all types)	6,003

SPECIAL INSPECTIONS AND SURVEYS

Private schools	97
Oil farms	9
Film exchanges	63
Boarding homes for the aged, convalescent homes, etc.	129
Jails, institutions, etc.	9
Reinspections (all types)	114

INSPECTIONS BY FIRE COMPANY OFFICERS

Building inspections	16,538
Theaters	4,645
Schoolhouses	3,690
Public buildings	806
Carbarns	60
Fuel oil burner installations and equipment	6,883
Inflammable fluids, storage facilities	414
Open air fires	588
Tank removals	47
License renewals, garage, repair shop, inflammables	2,813
License renewals, parking lots	362
License petitions (location approvals)	174
Blasting	14
Boarding homes for children	30
Day nurseries	52
Hospitals	79
Reinspections (all types)	6,014

Total Inspections and Reinspections 73,601

Hazardous conditions remedied	17,242
Conditions referred to other departments (written)	551

FIRE DRILLS

Schools	810
Theaters	307
Hospitals, institutions, etc.	237
Industrial and mercantile establishments	422

ARSON SQUAD ACTIVITIES — 1951

Fires reported as of suspicious origin	23
Fires reported as of incendiary origin	5
Fires reported as of undetermined origin	111
Fires, multiple alarms	52
Fires, causes given, but investigated	241
Fires alleged to be set by boys or juveniles	118
Death resulting from fires	17
Fire prevention inspections	168
Tests made of manholes, catch basins, inflammable gases	135
Cases to the Grand Jury, Suffolk County	2
Convictions, Superior Court, Suffolk County	2
Cases presented, Municipal District Courts	13
Convictions, Municipal Courts	10

CHEMICAL LABORATORY

Summary of Analyses and Tests — 1951

Tests of flammable liquids	28
Tests of decorative materials	646
Analyses of materials for Arson Squad	14

PHOTOGRAPHIC LABORATORY

Summary of Activities — 1951

	NEGATIVES
Suspicious and undetermined fires	506
Poor housekeeping, hazardous conditions	252
Multiple alarm fires	95
Accidents	325
Photographs of department personnel	850
Miscellaneous: Drills, Fire Prevention Week Activities, New Apparatus and Equipment, Fire Stations, Firemen's Ball, etc.	350
A total of 3,600 prints were developed from these negatives.	

**ANALYSIS OF FIRES
IN BUILDINGS
AND CAUSES OF FIRES**

ANALYSIS OF FIRES IN BUILDINGS—1951

Construction of Buildings

Fire-resistive	292
Second class	2,015
Frame	1,589
Other types	18
Total	3,914

Point of Origin

Basement	1,101
First floor	1,195
Second floor	572
Third floor	378
Above third floor	214
Roof	102
Outside	352
Total	3,914

Extent of Fire

Confined to point of origin	2,751
Confined to buildings	1,119
Spread to other buildings	44
Total	3,914

Causes of Fires in Buildings—1951

Fireworks	4
Careless smoking	1,245
Chimneys: defective, soot and sparks	296
Fuel oil burners	729
Electrical appliances and motors	339
Children and matches	280
Unknown	99
Miscellaneous known causes	119
Spontaneous ignition	62
Defective heaters and rubbish	171
Grease and food on stove	106
Other careless use of matches	33
Hot ashes	29
Defective wiring	188

FIRE DEPARTMENT.

Incendiary or suspicious	39
Clothes too near fire	25
Flammable liquids	22
City gas and appliances	12
Sparks from machines	42
Thawing water pipes	5
Malicious mischief	66
Kerosene lamps, stoves	2
Home dry cleaning	1
1951 Total	3,914

Causes of Outdoor Fires—1951

Brush	1,436
Automobile	1,077
Other outdoor fires	1,280
Rubbish (vacant lot)	855
Rubbish (near building)	453
Dump	36
Marine	8
1951 Total	5,145
Rescues (emergency calls)	2,094
Out of city calls	92
	2,186

**DIVISION OF CIVIL DEFENSE
PUBLIC RELATIONS
PUBLIC INFORMATION
1951**



ONE OF THE FUNCTIONS OF THE DIVISION OF CIVIL DEFENSE, PUBLIC RELATIONS, PUBLIC INFORMATION
 Display of Fire Appliances at "Alert America Civil Defense Show," First Cadet Corps Armory, Boston,
 Directed by Deputy Chief Franklin B. Sanborn

DIVISION OF CIVIL DEFENSE, PUBLIC RELATIONS, AND PUBLIC INFORMATION

The Division of Civil Defense, Public Relations, and Public Information was established by the Fire Commissioner in General Order No. 27, June 12, 1951, at which time personnel consisting of a deputy chief in charge, a lieutenant, an aide to deputy chief, two hosemen, and one stenographer-clerk were transferred to the division, with offices and headquarters at 194 Broadway, Boston, adjacent to Engine Company 26.

This division was charged with the disposition of all matters pertaining to civil defense as it affected the Fire Department as a whole; also all matters affecting the public relations of the department, and matters of public information pertaining to the Fire Department and its members to be publicized.

Civil Defense

In view of the fact that the President of the United States and the Governor of Massachusetts did declare that a state of emergency existed as of December 16, 1950, and in accordance with the National Resources Board Document 128, called UNITED STATES CIVIL DEFENSE, page 49, paragraph 2, under ORGANIZATION, and in conjunction with the City of Boston Civil Defense Agency, the Fire Commissioner established the above-mentioned division to cope with these problems.

This division, through the deputy chief in charge, has represented the Fire Commissioner on the state level of civil defense and worked with the Chief of Department on the regional level (designated by the Massachusetts Director of Civil Defense as alternate for the Chief of Department), and worked very closely with the Boston Civil Defense Agency set up by the Mayor of Boston in integrating the services of the Boston Fire Department into the civil defense program.

This division was responsible for the setting up of General Order No. 11, series of 1952, which was promulgated through the Fire Commissioner and the Chief of Department to the department. This order calls for the dispersal of all apparatus in the city to strategic locations for the protection of the lives and property of the citizens of Boston and the preservation of this department in the event of enemy attack on our city.

The division administered the Civil Defense Loyalty Oath (as required by a ruling of the Attorney General of the Commonwealth and the Corporation Counsel of the city) to approximately 2,448 members of this department.

Distribution of automobile stickers to all members of this department with cars for identification purposes (civil defense activity) is now in the process of consummation.

In cooperation with representatives of the Building Department the division has established and marked shelter areas in the Headquarters Building on Southampton street for evacuation purposes in the case of a bombing attack.

At the various practice alerts held to date the personnel of this division reported to and manned the Fire Division at the local control center of civil defense, compiling and distributing token messages to the Fire Department for transmission and reception during these tests.

The deputy chief in charge of this division was requested (through the Fire Commissioner) by the state authorities to lecture on the "Fire Effects of Bombing Attacks" at the three state colleges for civil defense, namely, Gardner Auditorium, State House, Boston, Bridgewater State Normal School in Bridgewater, and the high school in Beverly, for which high commendation was received from the State Director of Civil Defense.

Public Relations

A coordinated program of public relations was effected when this division was established. Heretofore public relations was more or less a hit or miss affair. Under the direction of the deputy chief in charge, a program was set up to avoid duplication of lectures, movies, etc., of Fire

Department activities for which this division received numerous requests from Kiwanis, Lions, Knights of Columbus councils, Holy Name Societies, Masonic lodges, Odd Fellows, forest warden associations, fire departments, and other civic organizations.

Since the inception of this division approximately fifty requests for lectures have been fulfilled with the approval of the Fire Commissioner; also many showings of fire department films and civil defense pictures. This program has enjoyed a marked success attested by the many letters of appreciation received from various organizations that requested these programs.

Another function of public relations as it pertained to the Fire Department was the organizing and the setting up of exhibits in the various hotels and exhibition halls around the city. These exhibits depicted the various tools and appliances used by the Fire Department in their daily duties of firefighting—means of communication and alarm system used by our department and means of conveying to the viewing public the department's efforts toward the preservation of life and property in case of atom bomb or other attacks by foreign powers upon our city.

Still another function of public relations in the Fire Department is the organizing of conducted tours of various interesting points in our department, namely—Fire Alarm office, fireboats, fire stations, high pressure stations, etc. These tours are usually requested by Boy and Girl Scout troops, boys' clubs, and students of the various schools and colleges around Boston.

In conjunction with these duties specified, this division usually makes preliminary plans for department participation in the various civic parades conducted annually in the City of Boston.

Public Information

In connection with the establishment of this division as of General Order No. 27, C. S., dated June 12, 1951, this division was made responsible for the publication of all information pertaining to the operations, activities, and the business of the department released to the press for use in newspapers, magazines, etc., with the exception

of certain information to be given to the press at fires by the officers in charge. In accordance with this designation this division has approved many press releases for the department and also approved information for dissemination by members who have been requested to speak or lecture.

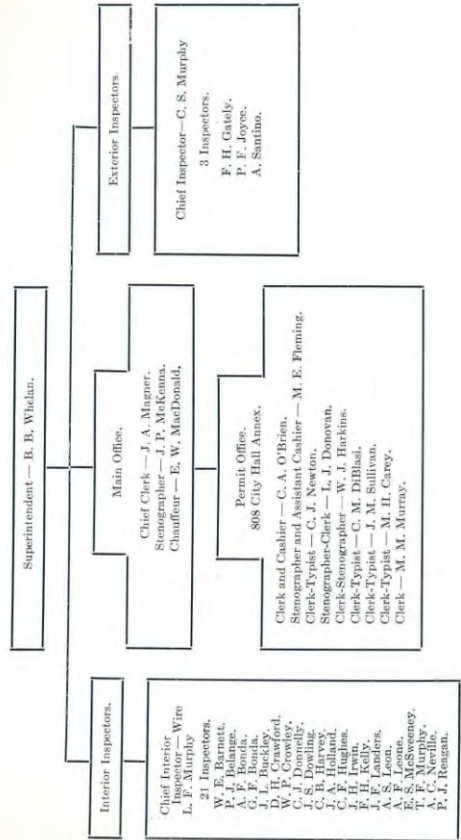
We acknowledge most gratefully the valuable assistance given in the preparation of this report by Mr. Robertson Page of the Federal Reserve Bank of Boston, a volunteer in our Civil Defense, Public Relations and Public Information Division.

**ELECTRICAL
INSPECTION DIVISION
1951**



INTERIOR VIEW, GENERAL OFFICE, ELECTRICAL INSPECTION DIVISION — NEW HEADQUARTERS BUILDING

THE ELECTRICAL INSPECTION DIVISION



ELECTRICAL INSPECTION DIVISION — 1951

The following report shows the work of the Electrical Inspection Division for the year 1951.

The Underground District for 1951 was prescribed and public notice given in accordance with Chapter 100 of the Acts of 1946.

Public hearings were held regarding streets proposed for the 1952 Underground District and notices were mailed by the City Clerk to the abutters in accordance with law. Hearings were also held for proposed terminal pole locations and abutters notified in accordance with law.

Grants of location for underground conduit were issued and sent to the City Clerk for recording. Also locations for the accommodation of wires, cables, and conductors other than the above were granted and permission given to obtain permits to open the public streets to install same.

Rest homes, homes for the aged, agencies for the day care of children, nursing homes, and hospitals (particular attention being given to operating rooms) were inspected at the request of the Health Department and reports of same forwarded to the proper parties.

Thousands of new and old electrical installations were inspected and where defects were found the same were promptly called to the attention of interested parties and corrections were made or are in the process of correction.

EXPENSES AND INCOME OF THE DIVISION FOR 1950-1951

	1950	1951
Expenses.....	\$136,215 57	\$144,618 45
Income.....	73,407 47	60,275 73

FIRES AND MISCELLANEOUS TROUBLES

Fires and miscellaneous troubles reported as due to electrical causes were investigated and reports of the same are on file in the records of this division.

Causes of Fires and Miscellaneous Troubles Investigated by the Electrical Inspection Division in 1951

Fixtures and fixture outlets	38
Armored cable	7
Flexible cord	23
Television receivers	14
Insulation breakdowns	11
Water leaks	13
Switchboard receptacles	18
Neon transformers	3
Lightning	2
Flatirons left on	4
Electric ranges	2
Radio receivers	3
Fluorescent ballasts	3
Sign wiring due to water	6
Hot plate and waffle iron left on	2
Fuse tampering	2
Motor control	6
Oil burner transformer	1
Corrosion — fumes and acid	2
Splice in service pipe	1
Pin ball machine	1
Homemade infra-red dryer	1
Bell wiring	1
Christmas tree	1
Undetermined due to damage or removal of equipment	7

Total 172

MOTORS

Refrigerators (household)	40
Refrigerators (commercial)	3
Washing machines	21
Sump pumps	2
Oil burners	3
Elevator	4

Total 73

UTILITIES	
Edison manhole	26
Edison overhead	10
Edison terminal box	1
Total	37
Grand total	282

EXTERIOR DIVISION

The following streets were prescribed and public notice thereof given by the Fire Commissioner for the 1951 Underground District in accordance with Chapter 100, Acts of 1946:

Boston Proper

Randolph Street, from Albany Street to Harrison Avenue.

Dorchester

Greenwood Street, from Erie Street to Harvard Street.

Brighton

North Harvard Street, from Cambridge Street to Western Avenue.

North Beacon Street, from Glencoe Street to Electric Avenue.

Parsons Street, from Washington Street to North Beacon Street.

Lincoln Street, from Everett Street to Market Street.

East Boston

Bremen Street, from Porter Street to Bennington Street.

Charlestown

Washington Street, from Harvard Street to Rutherford Avenue.

Harvard Street, from Washington Street to Devens Street.

Sever Street, from Gardner Street to Cambridge Street.

Albion Place, from Main Street to end.

Dorrance Street, from Arlington Avenue to Main Street. Making a total distance of four miles as prescribed by law.

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

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

In side or residential streets special underground construction for light and power purposes (115-230 volts), of a type known as "Split Fiber Solid Main System," has been installed.

EXPENDITURES

The following was compiled in accordance with the Standard Classification of Expenditures as compiled under the supervision of John A. Sullivan, Budget Commissioner, October, 1950. This is the first revision since the Classification of Budget Appropriations by Charles J. Fox, City Auditor, to take effect at the beginning of the fiscal year 1935.

CODE No.	1. PERSONAL SERVICES	
	1950	1951
102 Permanent employees	\$139,481 78	\$137,783 73
2. CONTRACTUAL SERVICES		
210 Communications		
213 Telephone service	\$1,161 57	\$810 68
270 Repairs and servicing of equipment		
275 Office machines and appliances	72 55	37 54
279 Equipment not otherwise classified	—	—
280 Transportation of persons		
281 Travel expenses—outside the state	112 49	121 27
282 Travel expenses—inside the state	1,523 77	2,749 65
290 Miscellaneous contractual services		
291 Advertising and posting	109 50	97 40
297 Printing, binding, and ruling	—	*163 20
	\$2,979 88	\$3,816 54

* Carried forward.

CODE		3. SUPPLIES AND MATERIALS	
No.		1950	1951
360	Office supplies and materials		
361	Postage, 362 Forms and cards,		
	363 Letterheads and envelopes,		
	364 Stationery supplies, 369 Sup-		
	plies and materials not otherwise		
	classified	\$2,639 53	\$2,817 54
390	Miscellaneous supplies and materials		
393	General operating supplies and		
	materials	19 38	20 64
		\$2,658 91	\$2,838 18
4. CURRENT CHARGES AND OBLIGATIONS			
420	Dues and subscriptions		
421	Associations and societies . .	\$50 00	\$50 00
422	Newspapers and periodicals . .	5 00	5 00
430	Insurance		
433	Fidelity, surety and forgery . .	40 00	40 00
		\$95 00	\$95 00
5. EQUIPMENT			
560	Office furniture and equipment		
569	Furniture and equipment not other-		
	wise classified	—	\$85 00
		—	\$85 00
		\$136,215 57	\$144,618 45

UNDERGROUND WORK FOR THE YEAR—1951

COMPANY	LENGTH IN FEET			NUMBER OF	
	Conduit	Duct	Cable	Manholes	Services
Boston Edison Company	34,102	62,090	632,298	64	824
New England Telephone and Telegraph Company	14,280	135,205	101,714	20	72
Boston Consolidated Gas Company	4,344	13,508	31,602	12	14
Boston Fire Department	817	1,137	27,273	0	0
Boston Police Department	0	0	27,978	0	0
Metropolitan Transit Authority	0	0	26,397	0	0
Western Union Telegraph Company	1,110	4,440	134	0	0
Boston Traffic Commission	1,225	1,225	1,400	0	0

TABLE SHOWING WORK OF EXTERIOR DIVISION—1951

Number of poles set in new locations	90
Number of poles removed	51
Number of poles reset, replaced, straightened	216
Number of poles standing in public streets	19,256
Number of inspections	8,653
Number of notices of overhead construction	3,667
Number of overhead reports	6,543
Number of notices of underground construction	1,100
Number of underground reports	1,777
Number of accidents reported and investigated	264
Number of street lamp locations investigated	1,160
Feet of wire removed by the various companies	485,184

SUMMARY OF WORK OF INTERIOR DIVISION—1951

Permits issued to perform work	15,820
Permits issued to turn on current	13,833
Number of inspections made	32,983
Number of inspections of theaters	374

CHARACTER OF CABLES USED BY THE VARIOUS COMPANIES—1951

COMPANY	Type of Insulation	Size
Boston Edison Company	Rubber, varnished cambric, lead	No. 6 to 1,500 M.C.M.
New England Telephone and Telegraph Company	Paper, lead	2-2121 pairs Nos. 13-26.
Boston Consolidated Gas Company	Rubber, varnished cambric, lead, paper	Nos. 6 to 1,000 M.C.M.
Boston Fire Department	Rubber, polyethylene, lead	4 to 37 conductors.
Boston Police Department	Rubber, paper, lead	11 conductors and 10 pairs.
Metropolitan Transit Authority	Rubber, neoprene, lead	Nos. 6 to 1,000 M.C.M.
Western Union Telegraph Company	Paper, lead	26 pairs.
Boston Traffic Commission	Rubber, lead	No. 6.