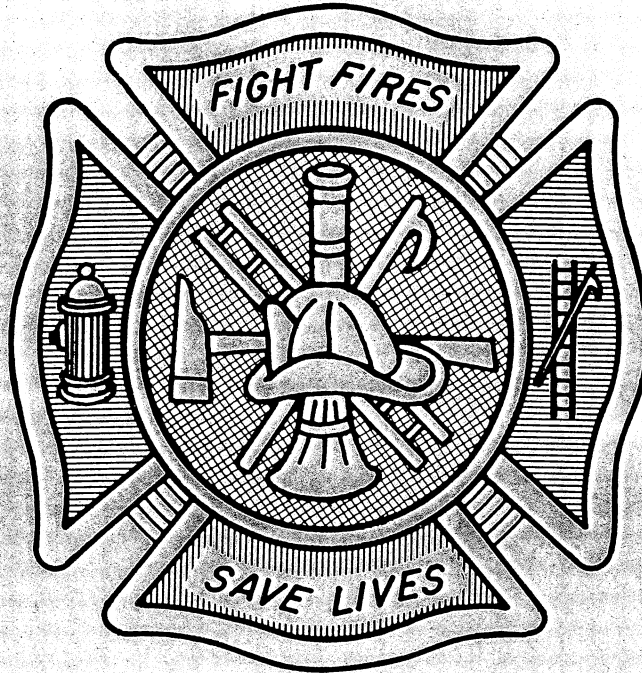


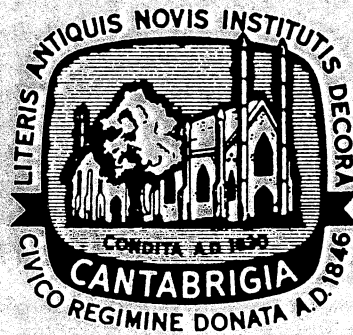
1973

#32

ANNUAL REPORT



SERVING OUR COMMUNITY



CITY of CAMBRIDGE FIRE DEPARTMENT

Cambridge, Massachusetts 02138

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CITY OF CAMBRIDGE

491 BROADWAY, CAMBRIDGE, MASSACHUSETTS 02138 • TEL. 876-0125

FIRE DEPARTMENT HEADQUARTERS

William J. Cremins
Chief

TO: Mr. James L. Sullivan, City Manager
FROM: William J. Cremins, Chief, Cambridge Fire Department
SUBJECT: Annual Report - 1973

Sir:

The following is the Annual Report of the Cambridge Fire Department for the year 1973.

Apparatus:

No new apparatus was purchased in 1973 as well as 1972. The last time we received major apparatus was in 1971. Although we have a systematic plan for the regular and orderly replacement of fire apparatus in the Capital Improvements Program, it is not being implemented. This does not make good sense economically as the apparatus must be replaced and, with the inflationary spiral, the delays mean more thousands of dollars expense to the City. From the standpoint of public safety, it is a risky situation when major apparatus is 25 years old and sometimes 30 years old. We are approaching a situation when it will be impossible to repair some of this equipment and we will have no reserve apparatus to take its place. In one of the busiest fire fighting cities in the nation, this is asking for serious trouble.

Fire Stations:

Another year has gone by and the hope of new fire stations has not been realized. We have been reviewing plans and expect to have obstacles overcome so that these desperately needed stations may be a reality. Ladder Company #2 (built in 1890) Portland Street and Engine Company #3 (built in 1895) Third and Gore Streets are recommended to be consolidated into one station in the Court House area. Engine Company #7 (built in 1894) Kendall Square should be in the Fulkerson-Binney Street area near the railroad and with direct access to the Wellington-Harrington area.

At this time, while the Riverside area has ample open spaces, the City should put aside an area large enough to replace Engine Company #6 (built in 1890) at present on River Street. With this single fire station should be a garage and suitable quarters for the Electrical, Fire Alarm and Radio divisions, so that their material, equipment and vehicles could be garaged and stored there. At the present time, their vehicles and equipment are stored at fire stations and seriously impeding the operations of the Fire Department.

We are still proposing that suitable acreage be set aside in the New Street area for a future fire station and training facility. We have been working with and receiving excellent cooperation in this regard from the Planning Department.

Just a reminder that our newest fire station is 40 years old.

Repairing Existing Stations:

Some work has been done - we have been allotted some monies in the Capital Improvements Program - much needs to be done - it is hoped that the City Administration will cooperate with us in getting bids awarded for necessary repairs. This is an urgent need or else the remaining fairly good stations will join those stations which have reached the point of being impossible to repair from a practical standpoint. Shortly, if a new station is not begun, it may be necessary to shut down Engine Company #3.

Statistics:

In the year 1972, the number of alarms leveled off for the first time in many years. In 1971, we had a total of 7,157 alarms. In 1972, we had a total of 7,090 alarms. This past year, 1973, we had 8,480 alarms, a tremendous increase of almost 20%.

There were 21 multiple alarms in 1971
18 multiple alarms in 1972
18 multiple alarms in 1973

False alarms continued to increase this year:

1,157 in 1971
1,056 in 1972
1,498 in 1973

False alarms are now exceeding 50% of the box alarms received.

The Rescue Squad showed an increase in responses consistent with the increase in the total alarms of the Department, approximately 20%.

3,942 responses in 1971
3,837 responses in 1972
4,591 responses in 1973

The Rescue Company continues to reflect the spirit of the Department and is most appreciated by the citizens of Cambridge. In 1973, the Emergency Medical Training programs became a reality and the Rescue Company was already in the forefront. Many departments were starting this training for the first time. Cambridge has had its squad since 1932. Our Rescue is well known over the New England States and, since the EMT has started, we have been receiving frequent requests to allow men from other departments to respond with our Rescue for experience and training.

High Rise Buildings:

In 1973, as President of the Massachusetts Fire Chiefs' Association, I devoted a great deal of my effort to work with Fire Commissioner Kelley and Chief Paul of Boston to pass the State Sprinkler Law. Practically all the Fire Chiefs in the State were behind this bill and it was enacted into law to become effective March 1, 1974. This will solve many of the problems of Cambridge in the future erection of such buildings. Every building of over 70 feet will have to have full automatic sprinkler protection throughout. This will take the question of this decision out of the hands of those who know little of the problems of fire protection and who opposed me, in the background, for trying to have fire-safe buildings.

Radio System:

The department's radio system is now considered to be obsolete. For 1973, in the Capital Improvements Program, I have had it made the Number One Priority. It is absolutely essential that this be completed in 1974.

Hydrants & Water Supplies:

Hydrants continued to be flagrantly blocked by motorists and cause fire fighting to be obstructed on many occasions. Cambridge is one of the busiest fire fighting cities in the nation and, according to the National Fire Protection Association, is now probably the most congested city in the nation. Who needs another problem?

In some areas of the City, the water supply is still a problem. We have recently purchased large diameter hose to help overcome this problem during fire fighting operations. Cooperation in solving the water problems still has a long way to go.

We believe that we have maintained our high standards of operations throughout the year. This could not be done without the cooperation of not only those within the department but also many of those outside the department. The high praise of the City Council during the 1973 budget hearings for the Fire Department was greatly appreciated. My special thanks this year is extended to the Massachusetts Legislature for their passage of "The Sprinkler Law," over the veto of the Governor. I have no doubt that this law will save more lives throughout the Commonwealth than any other legislation that was ever adopted on the "hill."

I wish to thank other departments and department heads who so readily cooperated with us; also the Auxiliary Fire Department as well as members of the press and television channels. My appreciation is also extended to the City Administration including the members of the City Council who have always been most cooperative in matters affecting the good of the Fire Department.

Respectfully submitted,

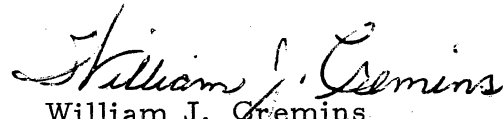
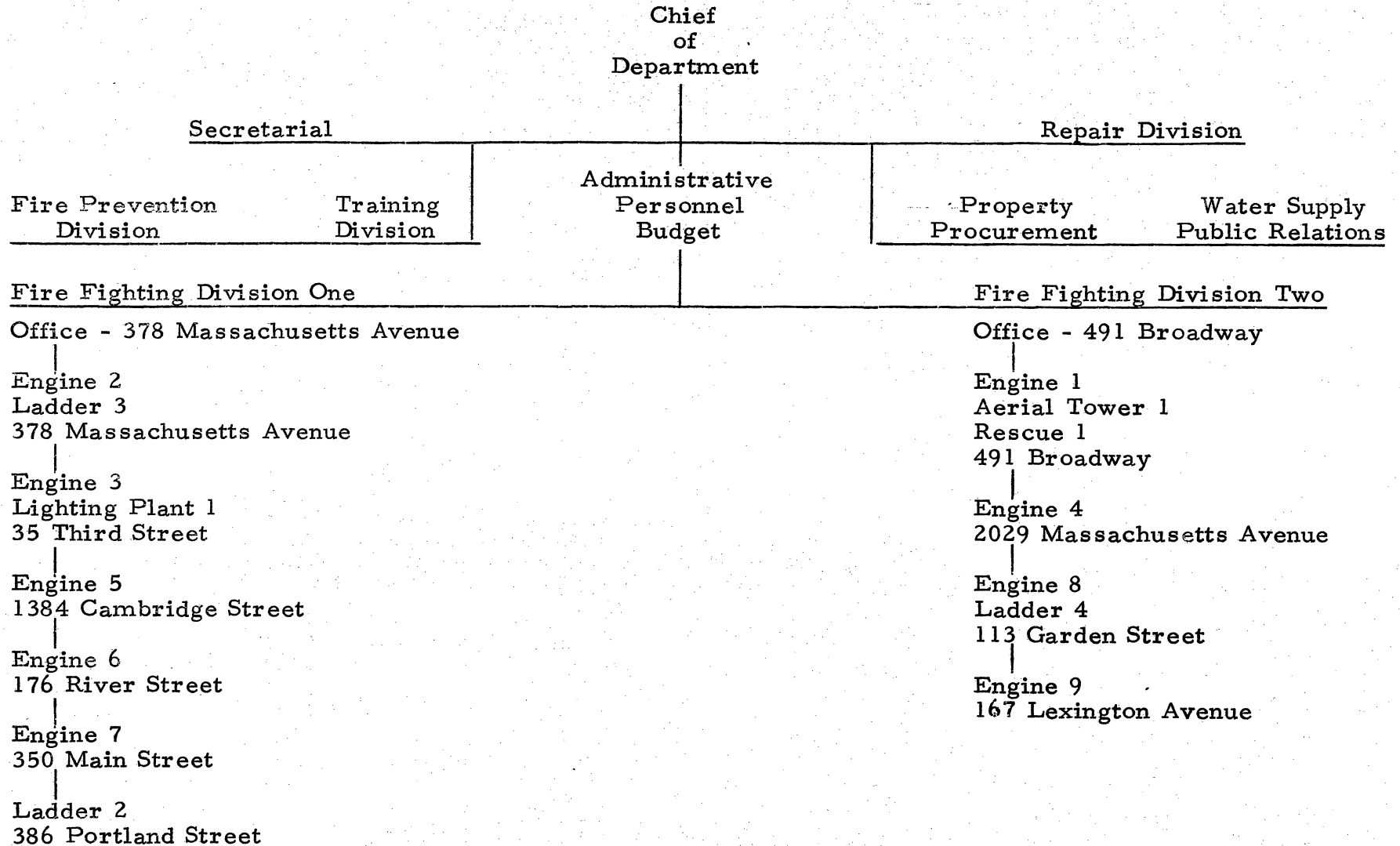

William J. Gremins
Chief of Department

TABLE OF ORGANIZATION



PERSONNEL CHANGES DURING 1973

1. APPOINTMENTS

The following men have been appointed to the Department to fill existing vacancies:

Edward C. MacAskill	appointed March 4, 1973
Robert M. Dunn	" " " "
Richard J. Turcotte	" " " "
Robert E. McCleery	" " " "
Kevin J. Coleman	" " " "
Frederick Sage	" " " "
James P. Harkins	" " " "
Harold G. Rosenberger	" " " "
Roland F. Melin	" " " "
Francis J. Murphy	" " " "
John S. Lawless	" May 27, 1973
Robert DeFrancisco	" " " "
Morgan D. Sheafer	" " " "
Thomas M. Igoe	" " " "

2. PROMOTIONS

The following members of the Department were promoted to:

LIEUTENANTS:

William W. Lusk, Jr.	promoted March 11, 1973
George E. Blomquist	" " " "
Harold J. Travers	" July 22, 1973
Stanley T. Kotowski	" October 21, 1973
John J. O'Donaghue	" " " "
Donald J. Redding	" " " "
William A. Ridgely	" " " "

CAPTAINS:

Thomas A. Byrne	promoted July 22, 1973
Thomas F. Sweeney	" October 21, 1973
William F. Murray, Jr.	" " " "
James V. Rafferty	" " " "

DEPUTY CHIEFS:

Edward J. Griffin	" July 22, 1973
Ernest A. Gelinas	" October 21, 1973
Ralph W. Chapman, Jr.	" " " "
Richard C. Cully	" " " "

3. FIRE DEPARTMENT CHAPLIN

It is a pleasure to announce the appointment of Reverend Francis J. Mazzeo, Pastor of Grace Methodist Church, Protestant Fire Department Chaplin on July 6, 1973.

4. RETIREMENTS

The following members of the Department were retired:

Deputy Chief John F. Kenney on July 8, 1973 after serving 39 years.

Captain Francis S. Feeney on February 1, 1973 after serving 36 years.

Lieutenant Anthony G. Carvalho on March 8, 1973 after serving 30 years.

Lieutenant Frederick M. Cooney on October 13, 1973 after serving 30 years.

Lieutenant George Thorp on December 2, 1973 after serving 26 years.

Lieutenant William J. Scalley on December 31, 1973 after serving 27 years.

Fire Fighter Joseph D. Crowley on May 6, 1973 after serving 32 years.

Fire Fighter Gustave A. Kuhn, Jr. on July 15, 1973 after serving 32 years.

Fire Fighter James P. Kelley on December 29, 1973 after serving 21 years.

Fire Fighter John Klevas on December 29, 1973 after serving 20 years.

FIRE PREVENTION - 1973

During the year 1973 the efforts of this division approximated those of previous years.

The number of inspections made by the members of the Department did not change materially.

We feel that we know more and we learn more each year and as a result the quality of our inspection procedures is better.

We conducted "In Service" inspection from mid April through the month of November.

The Junior Fire Brigade program, sponsored by the Cambridge Association of Insurance Agents, was again very successful.

Industrial and commercial establishments in the City continue to cooperate with this division in our mutual effort to prevent fires.

A listing of the number and kinds of properties inspected appears on another page of this annual report.

INSPECTIONS

RE INSPECTIONS

Engine 1	-	249	40
Engine 2	-	262	58
Engine 3	-	212	34
Engine 4	-	386	51
Engine 5	-	238	19
Engine 6	-	354	64
Engine 7	-	215	20
Engine 8	-	372	69
Engine 9	-	413	31
Ladder 1	-	248	26
Ladder 2	-	312	64
Ladder 3	-	276	61
Ladder 4	-	339	52
		<hr/>	<hr/>
Total		3876	589

INSPECTIONS 1973

Buildings under construction	234
Churches	16
Convalescent and nursing homes	118
Halls, auditoriums	152
Hospitals	98
Industrial, mercantile	672
Miscellaneous complaints	823
Nursery schools	192
Oil burning equipment	121
Oil storage facilities	23
Schools	385
Stores, restaurants	891
Theatres	<u>42</u>
Total	3767
Miscellaneous	3767
Business, dwellings	3876
Re inspections	<u>589</u>
Total	8232

TRAINING DIVISION ACTIVITIES - 1973

Two drill school classes were held in 1973. Each session was four weeks long. The names of the fourteen men completing this training were Morgan Sheaffer, Edward MacAskill, Thomas Igoe, Robert DeFrancisco, Roland Melin, Francis Murphy, Robert McCleery, Robert Dunn, Richard Turcotte, Joseph Lawless, Frederick Sage, Kevin Coleman, Harold Rosenberger and James Harkins.

The following subjects were covered in drill school: driver training; salvage and overhauling; forcible entry tools, appliances and procedures; ventilation; building inspection; pre-fire planning; First Aid; gas masks; sprinkler and standpipe systems; maintenance of apparatus and equipment; spotting pumps at hydrants and placement of apparatus at fires.

Various buildings were used for inspections and pre-fire planning instruction.

Buildings slated for demolition were used for forcible entry, ventilation, overhauling, mask training and simulated fire fighting operations. The new men thus obtained a better understanding of forcible entry tools and appliances.

These buildings were obtained from Harvard University's Community Relations Office and the Cambridge Redevelopment Authority.

The training school used slides covering hose, ladders and carrying hose over ladders.

Mr. Bruce Teele of the N.F.P.A. provided the training division with films on Ladders, Handling L. P. Gas Emergencies, and Ventilation. I wish to thank him for these films and other information, pamphlets and books he provided our department with throughout the year. He was most helpful in advising our department with regard to large 5-inch supply hose.

This hose was tested by the Jaffrey Fire Protection Company and our department (Engine 7 and Engine 8) behind the Cinema Theatre on August 9, 1973. The results were successful enough to warrant the purchase of 2200 feet of large 5-inch supply hose which will be assigned to Engine 7 and Engine 8.

Most department members, especially the downtown companies, received a six-hour course in Emergency Spanish given by Lydia Espada from the Neighborhood Learning Center.

The E.M.T. Program was started in October, at Massachusetts Bay Community College, with Deputy Chief Andrew Murphy as instructor-coordinator. Captain Fitzgerald, Lieutenant Ferazani, Fire Fighters Donahue, Ranstrom and Persson enrolled in the course at this time and have completed the course.

Lieutenant James Sullivan (E 9) and Fire Fighter David Fraser (L 3) successfully completed the Emergency Medical Technical Instructor-coordinator Course at Springfield, Massachusetts during the year. This is a vital link in the Office of Emergency Medical Services - Massachusetts Department of Public Health - Program to improve emergency medical care to the citizens of the Commonwealth.

The M. B. T. A. has been most cooperative with our department in providing equipment, time and assistance. Mr. Carey, Mr. Silva, Mr. O'Brien, Inspectors Tom Lind, Tom Haggerty and Bob Ray have been especially helpful.

Valuable assistance was rendered at the training school by the following officers and members:

Captain Kevin Fitzgerald - Ventilation, Forcible Entry, Overhauling;
Lt. Walter Long - First Aid, Search & Rescue, Mask Work;
Lt. James Harrington - Salvage Operations
Captain Andrew Merrick - Aerial Ladder Operations;
Fire Fighter Francis Lawson - Driver Training;
Fire Fighter John Shinkwin - Pump Hook-ups and Operations

In-company drills were held throughout the year, and these were supplemented in the good weather by outdoor sessions conducted by Assistant Training Officers. Numerous engine and ladder company evaluations were covered. I would like to express my thanks and appreciation to the following officers for their time, effort and assistance:

Capt. Merrick	Group 4	Ladder Operations
Lt. R. Morrissey	Group 3	Ladder Operations
Lt. Brown	Group 2	Ladder Operations
Lt. Fairburn	Group 1	Ladder Operations
Capt. O'Brien	Group 3	Pump Operation
Lt. Silva	Group 1	Pump Operation
Lt. Fehlan	Group 2	Pump Operation
Lt. Gallagher	Group 4	Pump Operation

APPARATUS IN SERVICE

First Line Apparatus:

Engine 1	1971	Maxim (Diesel), 1250 gpm pumper, 300 gallon water tank
Hose Wagon 1	1966	International Harvester, booster pump, 175 gallon water tank
Engine 2	1951	Pirsch, 1000 gpm pumper
Hose Wagon 2	1966	International Harvester, booster pump, 175 gallon water tank
Engine 3	1949	Pirsch, 1000 gpm pumper (presently out of service)
Hose Wagon 3	1966	International Harvester, booster pump, 175 gallon water tank
Engine 4	1971	Maxim (Diesel), 1250 gpm pumper, 300 gallon water tank
Hose Wagon 4	1967	International Harvester, booster pump, 175 gallon water tank
Engine 5	1960	Pirsch, 1000 gpm pumper
Hose Wagon 5	1967	International Harvester, booster pump, 175 gallon water tank
Engine 6	1962	Pirsch, 1000 gpm pumper
Hose Wagon 6	1966	International Harvester, booster pump, 175 gallon water tank
Engine 7	1971	Maxim (Diesel), 1250 gpm pumper, 300 gallon water tank
Hose Wagon 7	1966	International Harvester, booster pump, 175 gallon water tank
Engine 8	1962	Pirsch, 1000 gpm pumper (presently out of service)
Hose Wagon 8	1967	International Harvester, booster pump, 175 gallon water tank
Engine 9	1971	Maxim (Diesel), 1250 gpm pumper, 300 gallon water tank
Hose Wagon 9	1967	International Harvester, booster pump, 159 gallon water tank
Aerial Tower 1	1971	Sutphen (Diesel), 85' tower platform, booster pump, 300 gallon water tank
Ladder 2	1963	Pirsch, 100' aerial ladder, booster pump, 100 gallon water tank

First Line Apparatus (Continued):

Ladder 3	1963	Pirsch (Diesel), 100' aerial ladder, booster pump, 100 gallon water tank
Ladder 4	1959	Pirsch, 100' aerial ladder
Rescue 1	1969	Mack (Diesel), walk in/thru body
Light Unit 1	1950	Chevrolet, generator, flood lights, electric cables
Car 1	1971	Ford, 4 door sedan, assigned to Chief of Department
Car 2	1973	Ford, 4 door station wagon, assigned to Deputy Chief of Division 1
Car 3	1973	Ford, 4 door station wagon, assigned to Deputy Chief of Division 2
Car 4	1973	Ford, 4 door station wagon, assigned to Fire Prevention Division
Car 5	1973	Ford, 4 door station wagon, assigned to Training Division
Car 6	1969	Ford, 4 door station wagon, assigned to Staff Division Deputy Chiefs
Repair Truck	1968	GMC, utility repair body
Supply Truck	1965	Ford, pick up, with snow plow attachment (quartered at Headquarters)
Trailer	1964	Master Craft 300, 14' fibre glass boat (quartered at Engine 8)

Reserve Apparatus:

Spare Wagon	1958	Ford, 150 gallon water tank with booster pump
Spare Pump	1944	Pirsch, 750 gpm pumper (quartered at Engine 3)
Spare Ladder	1967	International Harvester, 100' Pirsch aerial ladder (quartered at Ladder 2)

In Addition:

Pump	1935	Seagrave, 750 gpm pumper (This piece to be kept for parades, etc. by Council Order) (quartered at Engine 7)
Water Wagon	1947	International, with snow plow, (inoperable as a firefighting unit) (quartered at Engine 8)

HIGHLIGHTS OF 1973 FIRES

The first and last months of 1973 will stand out as two of the busiest four-week periods in the history of the Cambridge Fire Department. In January alone, this department had five multiple alarm fires, three of which went to three alarms plus extra engine and ladder companies. Also throughout the month were numerous working fires.

The most grueling fire that occurred in January was the Triple A Plastics Company fire on January 10th. This alarm came in about mid-morning and it wasn't until two weeks later that the last embers were extinguished. This fire was fought in sub-freezing temperatures that coated ladders and apparatus with ice, leaving a two-foot thick layer of ice in some places on the street. Dense acrid smoke billowed from the building, blinding firefighters and leaving many overcome on the street. A total of one hundred and thirty-six firefighters required medical attention due to this fire. Of this total, thirty returned to duty, ninety-three were treated and released from the hospital but ordered off duty, and thirteen were held at the hospital for twenty-four hours or longer.

Another fast spreading and devastating fire during January was the Mills Hardware complex on Cambridge Street. These buildings consisted of one- and two-story attached frame buildings loaded with building supplies, paint and other hydro-carbon based materials. The fire occurred in the early morning hours with the temperature hovering around zero and strong westerly winds. Fast action by five

companies prevented the fire from extending to numerous multiple family dwellings that circled the complex, thus preventing a major catastrophe.

In the early morning hours of November 6th, the department was again tested to its limits as an arsonist struck, setting three separate garage fires which were climaxed by a raging inferno at 54-58 Hammond Street and 6-8 Gorham Street. This fire spread with such speed that, before it was contained, three, three-family frame dwellings and two garages were involved. Mutual Aid and Fire District 13, once again proved its worth as outside assistance was on the scene within minutes, or covering vacated stations.

The month of December saw the department involved in the fighting of three multiple alarm fires - two of which went to three alarms plus extra engine and ladder companies - plus nine working fires. The most spectacular of these fires occurred on December 11th, around 4:00 A.M., at 481-497 Cambridge Street. This fire occurred in a densely congested area of East Cambridge containing wood frame and brick and wood three- and four-story buildings. Through the use of master streams and firefighters standing their ground, most exposures were covered so that the fire did not extend beyond the building of origin. The fire did extensive damage to an adjacent 2 1/2 story frame dwelling as this building was separated by only a three-foot alleyway - the building being on the windward side of the fire.

A total of 158 firefighters were injured during 1973, requiring treatment at a hospital. Of this number, twenty-two were held

over 24 hours or longer. The greatest number of these injuries occurred during the battling of the Triple A Plastics Company fire.

Mutual Aid once again proved its worth. Without it no one fire department could survive. We thank all the outside city and town fire companies that assisted us during 1973.

MULTIPLE ALARMS

Date		Box	Location	Type of Building
Jan.	1	3rd	122 336 to 442 Cambridge St.	2 bldgs store and dwelling
Jan.	6	3rd	296 1078 Cambridge St.	Mills Hardware & storage bldgs.
Jan.	8	2nd	83 380 Walden Street	Dwelling
Jan.	10	3rd	363 32 Valentine Street	AAA Plastics bldg.
Jan.	25	2nd	165 167 Second Street	Synthan Inc. manufacturing
Mar.	1	2nd	285 176 Prospect Street	Dwelling
Mar.	5	2nd	62 23 Hammond Street	Apartment
April	17	2nd	721 29-31-35-37 Dover St.	2 dwellings
April	22	2nd	291 1063 Cambridge Street	Three-story bakery & apartments
May	28	3rd	51 30-36 Brattle Street	Stores & offices
Aug.	20	2nd	233 79 Moore Street	Two-story brick community center
Aug.	31	2nd	43 16 Lee Street	Dwelling
Oct.	12	2nd	36 75 Magazine Street	Four-story brick apartment
Oct.	25	2nd	283 16-18 Cherry Street	Vacant dwelling
Nov.	6	3rd	614 54-58 Hammond Street 6-8 Gorham Street	3 dwellings & 2 garages
Dec.	11	3rd	19 481-497 Cambridge Street	3 dwellings & stores with apartments
Dec.	18	2nd	635 10 Chauncy Street	Five-story brick apartment
Dec.	29	3rd	39 6-8 Magazine Street	Radio Shack & other retail stores

FIRE FATALITIES

January	8	380 Walden Street	Dwelling	84 year old woman
"	24	150 Thorndike Street	Dwelling	88 year old man
February	27	74 Washington Elms	Project	87 year old woman
March	6	91 Kinnaird Street	Dwelling	38 year old man
April	28	52 Norfolk Street	Apartment	51 year old woman

BITS & PIECES

Multiples by groups.....Group 1 - 7, Group 2 - 6, Group 3 -3,
Group 4 - 2.....

This city sent three fire companies to Chelsea during
its recent conflagration in October. Engines 1, 5, and Ladder 2.

CAMBRIDGE RESPONSE TO FIRES IN OTHER CITIES AND
TOWNS UNDER MUTUAL AID

Arlington.....	4
Belmont.....	7
Boston	44
Somerville.....	291
Watertown.....	15
Waltham.....	1
Chelsea	<u>3</u>
Total.....	365

RECORD OF

Month	Resi- dential	Non- Resi- dential	Mer- can- tile	Indus- trial	Storage	Public utili- ties	Grass & Brush	Outdoor & Auto- mobile
Jan.	101	11	17	6	1	1	7	85
Feb.	77	13	6	7	3	2	17	91
Mar.	62	23	9	3	1	3	44	106
April	75	12	9	7	1	0	78	158
May	47	15	8	3	0	0	14	118
June	71	4	7	4	1	2	10	122
July	45	6	6	10	3	2	7	139
August	56	10	7	0	1	4	7	81
Sept.	50	9	9	2	1	1	16	105
Oct.	47	8	13	2	3	1	44	148
Nov.	52	18	6	7	4	2	45	137
Dec.	88	13	8	3	0	3	9	74
Totals	771	142	105	54	19	21	298	1364

ALARMS - 1973

False Alarms	Smoke Scare & Accidental Alarms	First Aid, Accidents & Emergencies	Mutual Aid Other Cities	Bomb Scares	Total Number Of Alarms	Deaths By Fire
102	41	269	32	13	682	2
104	28	200	36	12	596	1
137	30	267	31	16	732	1
170	58	308	39	10	925	1
127	55	284	36	6	707	0
151	50	314	32	2	770	0
111	44	278	25	5	681	0
80	40	278	23	5	591	0
129	38	252	27	4	643	0
157	40	220	43	10	753	0
101	45	275	29	9	730	0
129	50	282	19	7	688	0
1498	519	3227	365	99	8480	5

COMPANY RESPONSE TO ALARMS

RESCUE COMPANY

Box Alarms	Still Alarms (tele-phone)	Mutual Aid (out of city)	Total Number of Alarms	Self-contained Masks	Oxygen Equipment Used	Total Time Out of Quarters
2,563	2,026	2	4,591	<u>Air:</u> 154 Hrs.	<u>Resusci-tator:</u> 8 hrs. 30 mins.	1,692 hrs. 7 mins.
				<u>Chemox:</u> 2 hrs.	<u>Inhala-tors:</u> 31 hrs. 15 mins.	

LADDER COMPANIES

Company	Box Alarms	Still Alarms (tele-phone)	Mutual Aid (out of City)	Total Number of Alarms	Total Time Out of Quarters	Ladders Used (in feet)
Aerial Tower 1	1,975	130	0	2,105	768 hrs. 58 mins.	22,677'
Ladder 2	1,108	148	5	1,261	472 hrs. 47 mins.	8,371'
Ladder 3	1,191	275	11	1,477	621 hrs. 0 mins.	23,686'
Ladder 4	972	285	1	1,258	593 hrs. 0 mins.	27,337'

RESPONSE TO ALARMS BY ENGINE COMPANIES

Com- pany	Box	Still	Mutual Aid (out of city)	Total Time Out of Quarters	Total Number of Alarms	3/4 in.	1 1/2 in.	2 1/2 in.	3 in.
1	885	300	3	581 hrs. 12 min.	1,188	51,450	14,850	50,050	950
2	1170	389	24	730 hrs. 26 min.	1,583	82,100	11,300	48,100	3,250
3	824	249	40	469 hrs. 45 min.	1,113	49,350	6,300	38,200	3,000
4	686	487	88	697 hrs. 26 min.	1,261	95,300	11,000	54,150	4,500
5	1489	385	165	767 hrs. 59 min.	2,039	36,825	16,400	53,800	1,450
6	645	239	1	442 hrs. 26 min.	885	38,300	7,750	28,700	300
7	1005	125	2	419 hrs. 40 min.	1,132	37,950	8,900	31,580	1,150
8	959	353	1	547 hrs. 55 min.	1,313	48,250	12,800	45,300	1,600
9	719	191	22	447 hrs. 22 min.	932	35,000	5,750	28,050	0

SUMMARY OF ENGINE COMPANY DUTY AT ALARMS - 1973

Engine companies out of quarters	5,104 hrs. 11 mins.
Pumpers operated	995 hrs. 25 mins.
High pressure fog units operated.....	361 hrs. 53 mins.
Electric submersible pumps operated	241 hrs. 38 mins.
Siphon portable pumps operated.....	48 hrs. 0 mins.
Total amount of hose used: 3/4"	474,525 ft.
1 1/2".....	95,050 ft.
2 1/2".....	377,930 ft.
3".....	16,200 ft.
Total amount of ladders used.....	3,096 ft.
Self-contained air masks used.....	94 hrs. 21 mins.
Ansul powder used (portable extinguishers) ...	331 lbs.
CO ₂ used (portable extinguishers).....	159 lbs.

SUMMARY OF LADDER COMPANY DUTY AT ALARMS - 1973

Ladder companies out of quarters	2,255 hrs. 45 mins.
Electric submersible pumps operated	93 hrs. 8 mins.
Fog units operated (excluding Ladder 4).	23 hrs. 58 mins.
Power saws operated (including Rescue Co.).	14 hrs. 50 mins.
Portable lights & generators operated (Rescue also)	147 hrs. 25 mins.
Smoke ejectors operated	28 hrs. 5 mins.
Self-contained air masks used	67 hrs. 15 mins.
Total ladders used	82,071 ft.
Total amount of hose used: 3/4"	21,335 ft.
1 1/2"	2,615 ft.
Salvage covers spread on contents	148
Ansul powder used (portable extinguishers).	290 lbs.
CO ₂ used (portable extinguishers).	35 lbs.
Foam detergent used	20 lbs.

SUMMARY OF LIGHTING PLANT DUTY AT ALARMS - 1973

Lighting plant out of quarters	214 hrs. 56 mins.
Box alarms	5
Still alarms	1
Generators & flood lights operated	107 hrs. 10 mins.
Cable used	2,050 ft.

ACTIVITIES OF THE
CAMBRIDGE FIRE DEPARTMENT AUXILIARY - 1973

(Office of Emergency Preparedness)

The Cambridge Fire Department Auxiliary (O.E.P.) is under the supervision of Fire Lieutenant William E. Joyce, Cambridge Fire Department, Training Division.

Members of the Cambridge Auxiliary Fire Service were active in 150 drills at the Fresh Pond Headquarters, consisting of ladder evolutions, various hose layouts, running of hose lines over ladders to the simulated fire floors, operation of pumps and booster, and various other drills. A number of fire training films were also viewed by the members.

During the absence of Auxiliary pumpers, a number of members were assigned to train with Engine Company #3 and Engine Company #8 on their duty nights. This training was a continued privilege authorized by Chief William J. Cremins of the Cambridge Fire Department, who has commended the Auxiliary members on numerous occasions for their dedicated service in time of emergencies.

The Auxiliary members were proud to take part in the festivities of the Buckingham Circus and the Spring Fair at the Fayerweather Street School. Participation in Civic Activities were also attended by members at the Tobin School and Baptist Church on Massachusetts Avenue, Cambridge. On each of these occasions Auxiliary apparatus was displayed and proved to be an added attraction which both young and old enjoyed very much. The men assisted with the younger children and answered numerous questions pertaining to their function as a Department.

Apparatus, along with detailed members, took part in the annual muster and parade which was held in Littleton, Massachusetts, and made a significant contribution to the success of this event.

The members of the Auxiliary find it is a continued honor and privilege to be invited to these events.

ENGINE 11

Still alarms responded to.	9
Covering details.	8
Other fire service	1
Out of quarters*	59 hours
Pump operated	10 minutes
1 1/2 inch hose used	100 feet
Ladders used*	32 feet

ENGINE 12

Box alarms responded to.	2
Still alarms responded to	24
Covering details.	7
Other fire service.	1
Out of quarters*.	35 hrs 51 mins.
Pump operated	1 hr. 55 mins.
2 1/2 inch hose used.	200 feet
1 1/2 inch hose used.	600 feet

LIGHT UNIT #2

Still alarms responded to.	21
Multiple alarms, service at	21
Other fire service.	15
Out of quarters*	110 hrs. 20 mins.
Standby in quarters	3
Generator operated	85 hrs. 15 mins.
Cable used*	26,650 feet
Lights used*	104

* Indicates fire duty only

Auxiliary apparatus in regular department service:

Engine Co. #11	Assigned to Engine Co. #2	From June 28, 1973 To August 20, 1973
Engine Co. #11	Assigned to Engine Co. #4	From November 15, 1973 To November 16, 1973
Engine Co. #11	Assigned to Engine Co. #8	From December 3, 1973 To December 31, 1973
Engine Co. #12	Assigned to Engine Co. #3	From September 27, 1973 To December 31, 1973

The above accounts for auxiliary pumps 11 and 12 being assigned to Fire Department use for 178 days.

APPARATUS WITH CIVIL DEFENSE (FIRE AUXILIARY)

- Engine #11 1953 Pirsch, 750 GPM pumper, 300 gallon water tank
(presently assigned to Engine Co. #8).
- Engine #12 1953 Pirsch 750 GPM pumper, 300 gallon water tank
(presently assigned to Engine Co. #3).
- Light Unit #2 1967 International-Metro Panel Truck, with 10 KW
generator, flood lights, cables, tools, etc.
- Hose Wagon 1952 GMC, 159 gallon water tank with booster pump,
placed out of service in January 1973 due to extensive
repairs needed.

City of Cambridge

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Annual Report of the Fire Department.

In City Council,

July 24, 1974

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Filed