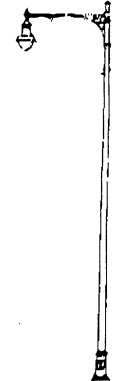




ELECTRICAL DEPARTMENT INTEROFFICE MEMO

To: Robert Healy, City Manager
From: George Fernandes, City Electrician
Date: September 21, 1998
Sub: Council Order #110, dated 9/14/98

A handwritten signature, likely of George Fernandes, is written over the 'From' and 'Date' lines of the memo.



Re: Report on "Black Out" on Northern Mass. Ave.

On the evening of September 1st, at approximately 8:00pm, there was an interruption of power affecting Mass. Ave. from Porter Square to the Arlington line. The interruption was due to a cable fault located on Concord Ave. at the intersection of Walden Street. North Mass. Ave. is normally supplied from the Walden Street sub station and two of the three high voltage circuits feeding out of this station had previously faulted and were in the process of repair. The cable fault at Concord Ave. and Walden Streets was the third circuit remaining.

Power was switched to other circuits from alternate sub stations with some difficulty due to the high load demand during this evening. All power to the area was restored approximately 11:50pm.

This incident did not have anything to do with load dumping, from outside or local facilities, and was solely contributed to other cable faults, or overloading of cables and protective devices due to demand.

Cc: Nicoloro, ISD
Watson, Police Commissioner



City of Cambridge Police Department

TELEPHONE
(617)349-3300

FAX
(617)349-3320

Ronnie Watson
Police Commissioner

Robert W. Healy
City Manager

Cristina Beamud, Esq.
Legal Advisor

September 25, 1998

Harold F. Murphy
Superintendent

Mr. Robert W. Healy
City Manager

David J. Degou
Superintendent

subject: City Council Order #110, dated 9/14/98

Michael D. Giacoppo
Deputy Superintendent

Sir:

Yvonne M. Hall
Deputy Superintendent

During the evening of Tuesday, September 1st shortly after 8:00 p.m., there was an interruption of electrical power on Massachusetts Avenue from Porter Square to the Arlington line. Police units, along with fire apparatus, responded to the initial source of the outage at 377 Walden Street in order to assist and control traffic. After the situation was stabilized, the Sector Sergeant dispatched two (2) one-officer units to station themselves in Porter Square, with blue lights activated, in order to be available to assist and respond to calls for service.

Thomas F. O'Connor
Deputy Superintendent

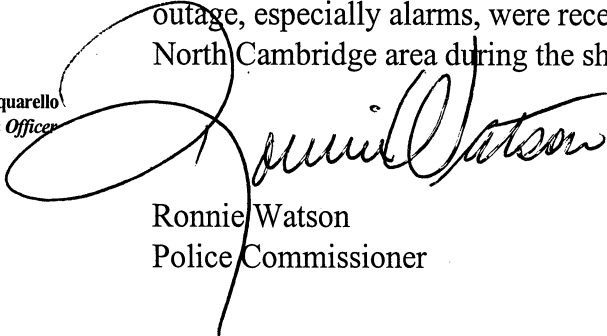
Gloria A. Pimentel
Deputy Superintendent

Lieutenant Steven Williams
Community Relations

Emergency Communications records do not indicate any call for service received from the CVS in Porter Square for any reason. Numerous other calls relating to the outage, especially alarms, were received and responded to by police units in the North Cambridge area during the shift.

Raymond T. Santilli
Planning, Budget
& Personnel

Officer Frank Pasquarello
Public Information Officer


Ronnie Watson
Police Commissioner

cc., Superintendent Harold Murphy, Operations Division
Superintendent David Degou, Support Services Division
Lieutenant Steven Williams, Community Relations Section

RECEIVED
98 SEP 29 AM 9:54
OFFICE OF THE CITY MANAGER

COM Electric

Cambridge Electric Light Company
2421 Cranberry Highway
Wareham, Massachusetts 02571
Telephone (508) 291-0950

Reply to:

46 Blackstone Street
Cambridge, MA 02139

September 25, 1998

City of Cambridge
Inspectional Services
831 Mass Avenue
Cambridge, MA 02139

Attn: Mr. Michael Nicoloro

Ref: "Black-Out" Northern Mass Avenue

Dear Mike,

In response to your request, the following information is provided relative to the recent "Black-Out" on Northern Massachusetts Avenue.

Circuit configuration at incident time:

Walden Sub

13/21 and 13/63 Closed
13/38 out of service (cable fault that was currently being fault located and located just prior to incident).
13/106 - Breaker out of service for repairs.
41/25 Closed
41/26 Closed
41/27 Closed
41/28 Closed

Edmunds Sub

13/21 Closed
13/63 Open (in auto for transfer)
41/20 Closed
41/25 Closed
41/28 Closed

Porter Square Arcade

13/63 Closed
13/21 open

Carriage House

13/63 Closed
13/21 Open

Housing Authority Churchill

13/21 Closed
13/63 Unavailable (not tied to circuit at that time).

CVS Store

13/21 Closed
13/63 Unavailable (not tied to circuit at that time).

Incident:

At 8:04 P.M. on September 1, 1998 circuit 13/21 opened under fault conditions at its source at Alewife Bulk Station. At this time Walden Sub, Edmunds Sub, Porter Square Arcade, Carriage House, Cambridge Housing Authority and CVS were without power. This represented a total of 3175 customers.

Due to the cable fault on circuit 13/38 and the un-availability of the 13/106 breaker at Walden Sub the circuit configuration at the time of the incident had circuit 13/21 solely supplying power to both Walden and Edmunds substations along with the other four customers. Via switching, utilizing alternate circuits, power was restored to all customers except the CVS Store (single feed at this time).

The cable fault occurred in a Cambridge Electric Light Company manhole at the corner of Walden Street and Concord Avenue. The resulting outage was "not" caused by any load dumping or outside city limit disturbances.

The CVS Store in Porter Square was subjected to a longer outage due to the fact that the second feeder "Back-Up Circuit", which was scheduled to be cut over the following week, was not available.

Outage Information:

3175 Customers off 8:04 P.M.
3174 Customers restored by 11:50 P.M. at varying times.
1 (CVS) Customer restored at 7:50 A.M. on 9/2/98.

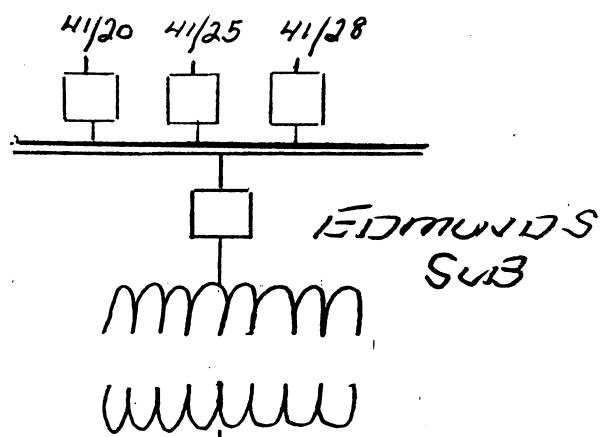
Yours truly,



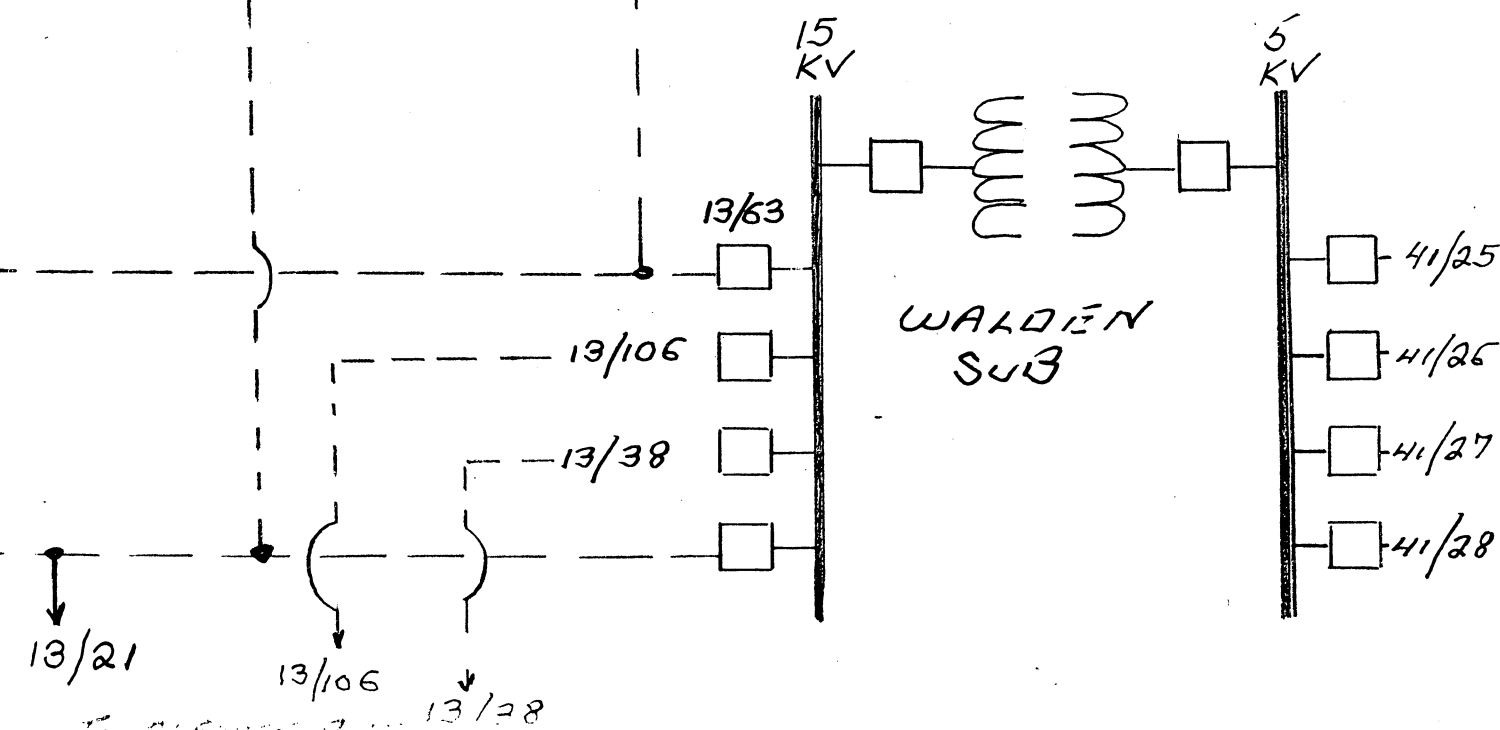
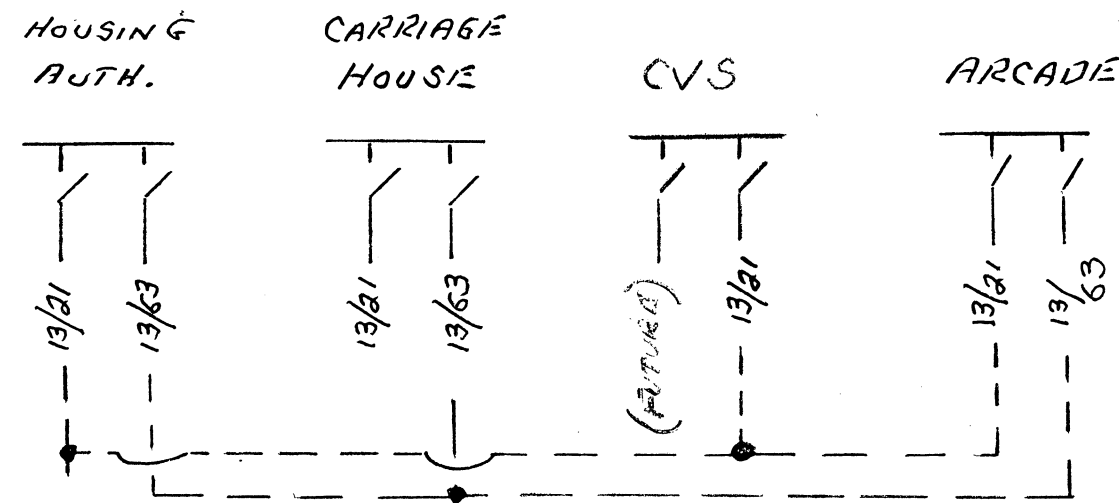
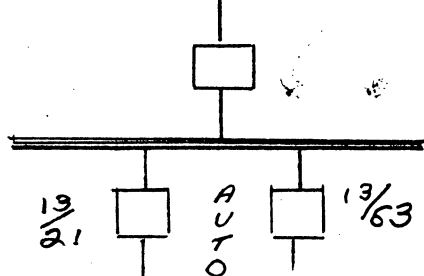
Larry Anthony
Manager Electric Operations

LLA/sdm

cc: P. Heanue



41/xx - 4160 VOLT CIRCUITS
 13/xx - 13800 VOLT CIRCUITS





EXECUTIVE DEPARTMENT
ROBERT W. HEALY
City Manager

RICHARD C. ROSSI
Deputy City Manager

CITY OF CAMBRIDGE
CAMBRIDGE, MASSACHUSETTS 02139

TEL. 349-4300
FAX. 349-4307



9.

October 19, 1998

To The Honorable, The City Council:

Please find attached responses to Awaiting Report Item 42, regarding a report on the recent "black out" on northern Massachusetts Avenue, received from City Electrician George Fernandes, Police Commissioner Ronnie Watson and Chief Wiring Inspector/Assistant Commissioner of Inspectional Services Michael Nicoloro.

Very truly yours,

Robert W. Healy
City Manager

RWH/mec
Attachment

Consent Agenda #9

6485

Relative to AW Report #41
regarding a report on the recent
"black out" on northern Mass
Ave.

In City Council October 19, 1998

PLACED ON FILE