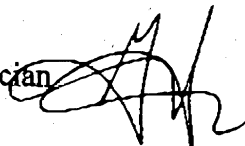


**CITY OF CAMBRIDGE
ELECTRICAL DEPARTMENT
INTEROFFICE CORRESPONDENCE**



TO: Robert Healy, City Manager
FROM: George Fernandes, City Electrician 
DATE: May 30, 1996
SUB: Council Order 011, Dated 5/20/96

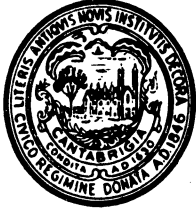
Re: Mechanism to Ensure City Lights Are Properly Functioning.

The City has a total of 6,761 light fixtures, of which 5,333 are street lights that are maintained by Cambridge Electric Light Company, of the remainder there are 598 street lights, and 830 park lights, that are maintained by the City of Cambridge Electrical Department.

Street and park lighting is patrolled by the City Electrician, usually two nights per week, and department staff report defective lighting when they are working during hours of darkness. Cambridge Police routinely report defective lighting during their regular night time patrols also. Cambridge Electric has a trouble person on each night, to respond to calls for service, and is assigned areas of the city to patrol each night to inspect street lighting. Both the Electrical Department and Cambridge Electric also welcome and appreciate calls from citizens as well, to report defective lighting on their street, or anywhere in the city, as the number of lights and the ability to inspect their operation require more resources than are currently available.

This year Cambridge Electric has also been directed to do group relamping in certain areas of the city. This area is to include all of the street lighting in neighborhood 1, 2, 3, 4, 5 and consists of approximately 895 street lights. The program includes changing each bulb and photo control, the device that activates and shuts off the light, which will improve the reliability of operation. When the bulbs near their life span, which is 24,000 hours of operation, or six years, the street lights cycle, meaning that they come on and then go out, and continue to do for a period of time. The cycling operation makes it more difficult to identify defective lighting when inspecting, because they may be in operation when passed by then fail thereafter, group relamping will go a long way to correct this situation.

The neighborhoods mentioned have reached or are about to reach their life cycle therefore they will be completed first and the program will continue each year affecting all neighborhoods throughout the city.



CITY OF CAMBRIDGE
CAMBRIDGE, MASSACHUSETTS 02139

TEL. 349-4300
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EXECUTIVE DEPARTMENT
ROBERT W. HEALY
City Manager

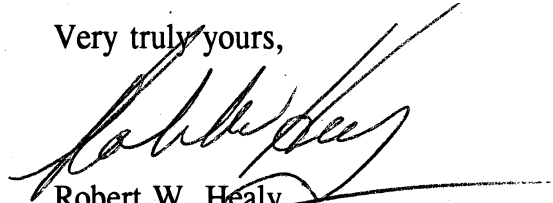
RICHARD C. ROSSI
Deputy City Manager

July 29, 1996

To The Honorable, The City Council:

Please find attached a response to Awaiting Report Item No. 11, regarding a mechanism to ensure City lights are properly functioning, received from City Electrician George Fernandes.

Very truly yours,



Robert W. Healy
City Manager

RWH/mec
attachment

Consent Agenda #7

S-432

Relative to Awaiting Report Item Number
Eleven, regarding a mechanism to ensure
City lights are properly functioning.

In City Council July 29, 1996

Charter right was
exercised by
Councillor Goomey
9-9-96

PLACED ON FILE