

ITEM	16
MANAGER'S REPORT NO.	77
COUNCIL MEETING	88/12/12

RE: LETTER FROM MS. IRENE FAIRLEY WHICH APPEARED ON THE AGENDA FOR THE
NOVEMBER 17TH MEETING OF COUNCIL (3 F)
STREET LIGHTING ON WILLINGDON AVENUE BETWEEN MOSCROP STREET & KINGSWAY

MUNICIPAL MANAGER'S RECOMMENDATION:

1. THAT the recommendation of the Director Engineering be adopted.

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TO: MUNICIPAL MANAGER 1988 DECEMBER 06

FROM: DIRECTOR ENGINEERING

**SUBJECT: STREET LIGHTING ON WILLINGDON AVENUE
BETWEEN MOSCROP STREET AND KINGSWAY**

**PURPOSE: TO RESPOND TO THE CONCERNS IN THE
LETTER FROM IRENE E. FAIRLEY
RECEIVED IN THE MUNICIPAL CLERK'S
OFFICE 1988 NOVEMBER 17**

RECOMMENDATION:

1. THAT Irene E. Fairley of 4533 Elmgrove Drive, Burnaby, be sent a copy of this report.

SUMMARY:

The existing street lighting as indicated on the attached sketches of Willingdon Avenue meets or exceeds the current standards, nonetheless we are requesting that BC Hydro install three additional lights on the east side of Willingdon Avenue between Kingsway and Grange Street. Concrete sidewalks exist except on the east side of Willingdon Avenue between Grange and Gilpin Streets where there is a crushed limestone walkway. Lighting, roadway and sidewalk improvements would be performed under a Capital Works Program, as Willingdon Avenue is classed as a major road, but is not included in the current five-year program.

REPORT

In response to the letter from Irene Fairley, we have conducted a field check of the lighting on Willingdon Avenue between Moscrop Street and Kingsway. We found that, as stated in the letter, lighting exists on the east side between Moscrop Street and Sardis Street and between Grange Street and Kingsway. This lighting consists of BC Hydro lease lights mounted on every available Hydro pole except three vacant poles between Kingsway and Grange Street. Most of these lights appear to be 400 watt mercury vapour, although any replacements made for maintenance reasons would likely be 190 watt high pressure sodium vapour. The lighting between Sardis and Grange Streets was upgraded to the final standard in conjunction with a Traffic Management Project in 1987. No further improvement is required to this upgraded lighting.

On the west side of Willingdon Avenue, there are no BC Hydro poles available for lease light installation. Several BC Telephone poles exist on the west side between Grassmere and Sardis Streets but these poles are too short to permit the installation of lighting. Between Kingsway and Grange Street, the west side borders on the Old Orchard parking lot, which is very well lit. Some light spills onto the roadway from these parking lot lights increasing the illumination level available in this block.

In her letter, Ms. Fairley also mentions the lack of sidewalks on Willingdon Avenue. A concrete walk exists on the west side between Moscrop Street and Kingsway and on the east side between Moscrop and Gilpin Streets and between Sardis Street and Kingsway. There is a limestone chipwalk on the remaining portion of the east side between Gilpin and Sardis Streets. As this chipwalk requires some maintenance, we have advised our Roads Superintendent to make repairs to the walking surface.

The roadway between Moscrop Street and 100 m south of Sardis Street is an unimproved four-lane pavement cap with asphalt curbs on both sides. From 100 m south of Sardis Street to Kingsway, Willingdon Avenue has been built to its final standard.

As a major road, lighting, sidewalk and roadway improvements on Willingdon Avenue would be performed as part of a Capital Works Program which would include the construction of Willingdon Avenue to its final standard. Willingdon Avenue is not included in the current five-year Capital Works Program.

We have requested BC Hydro to consider the feasibility of installing additional lease lights on the three available poles between Kingsway and Grange Street on the east side of Willingdon Avenue. If installed, these additional lease lights will be replaced during redevelopment of adjacent properties. There are no other poles available for interim lighting installation.

Irene Fairley has been contacted and advised of the contents of this report.

RB:ka
Attach.

cc: Traffic Supervisor



E. E. Olson, P. Eng.
DIRECTOR ENGINEERING

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- EXISTING B.C. HYDRO LEASE LIGHT
- EXISTING ORNAMENTAL LIGHT

SKETCH 2

