

RE: ORNAMENTAL STREET LIGHTING ON MALVERN AVENUE

MUNICIPAL MANAGER'S RECOMMENDATION:

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

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**TO: MUNICIPAL MANAGER 1988 MAY 24**

**FROM: DIRECTOR ENGINEERING**

**SUBJECT: ORNAMENTAL STREET LIGHTING ON MALVERN AVENUE**

**RECOMMENDATION:**

**THAT a copy of this report be forwarded to Ms. Eileen Purton, 7420 Burris Street, Burnaby, B.C.**

**R E P O R T**

On 1988 May 24, Council received correspondence from Ms. Eileen Purton of 7420 Burris Street requesting the removal of one recently installed ornamental lamp standard at the intersection of Melvern Avenue and Burris Street.

Ornamental lighting on Malvern Avenue was part of the 1986 Local Improvement Street Lighting Program. The Municipality's design standard for a residential street such as Malvern Avenue is 250 watt lights mounted on 25 foot high poles at an average spacing of 180 feet apart on one side of the street. This average spacing will vary depending on the lot frontages on a particular street. It is the Departments policy to locate the ornamental lamp standards on the extension of property lines so that they are technically not in front of a house or other building on the lot and they do not conflict with such other amenities as driveways, entrance walks, and underground service connections.

On Malvern Avenue this average spacing was consistently attained with the one exception being just south of Burris Street. As can be seen on the enclosed portion of the design drawing, the lot configuration and length of frontage on Malvern Avenue changes and thereby reduces our flexibility in maintaining the average spacing and at the same time insuring that the lamp standards are located on property line extensions. It was therefore the designer's judgment that the spacing between proposed lamp standards number 1 and number 3 (see attached sketch) was in excess of the average and therefore required a third lamp standard to split the spacing between number 1 and number 3. Based on the lot configuration, the only logical place to put this third lamp standard (number 2 on sketch) was on the lot line extension between 7420 Burris and 5976 Malvern. The original design actually had light number 2 located 2 meters south of the lot line extension, however, the location of the driveway from

(Cont'd.)

5976 Malvern was already so close to the lot line extension that the lamp standard was relocated 1 meter north of the lot line extension.

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With regard to lamp standard number 1, it has been a consistent policy of this Department to locate ornamental street lights close to intersections especially when one of the streets is a collector such as Burris Street. The light referred to as existing on Burris Street is a lease light from B.C. Hydro and mounted on a Hydro pole. These lights are considered interim because when an ornamental lighting system is installed on Burris Street, the lease lights are removed. In this regard, it is very likely that the ornamental street lights on Burris would be located on the opposite side of the street to avoid conflict with the overhead power and telephone lines which currently exist on the south side of Burris.

As stated in Ms. Purton's correspondence, the basic concepts of street lighting design have been explained to her on a number of occasions with our advice to her being that the light at the intersection of Malvern and Burris should not be removed because it is necessary for public convenience and safety.

This report is for the information of Council.

  
DIRECTOR ENGINEERING

VNW:dp

Attach.

STREET

BURRIS

132

PURTON  
PROPERTY  
7420

1.5m  
1.0m

LOCATE LIGHT 2.0m  
CLEAR OF D/W

MALVERN AVENUE

B.C. HYDRO  
LEASE LIGHT

Note:  
(This light at this location,  
and not the light at the corner,  
on the opposite site of street,  
will in all likelihood be removed  
whenever ornamental lighting is  
installed on the northside of  
Burris Street).

# STREET LIGHTING

MALVERN AVENUE  
BURRIS ST. - IMPERIAL ST.

ITEM 9  
MANAGER'S REPORT NO. 40  
COUNCIL MEETING 88/05/30

REM. 38

A

5976



SCALE : 1:500

DRAWN : D.R.C.

DATE : MAY 24, 1988

