

ITEM 11
MANAGER'S REPORT NO. 77
COUNCIL MEETING 85/12/09

RE: WORK ORDERS:

60-14-090 UPGRADING STREET LIGHTING - KINGSWAY, WILLINGDON TO EDMONDS
60-14-091 NEW BUS STOPS - VARIOUS LOCATIONS
60-14-089 INSTALLATION OF 3 ORNAMENTAL STREET LIGHTS /GOVERNMENT RD S. OF MANCHESTER
60-16-112 CONSTRUCTION PEDESTRIAN OVERPASS MARINE WAY/PATTERSON
60-70-164 SUBDIVISION SERVICING INSTALLATIONS SULLIVAN STREET SUBDIVISION
60-14-088 CONSTRUCTION OF RAISED ISLANDS, BEAVERBROOK DRIVE/EASTLAKE DRIVE
60-30-051 CONSTRUCTION SANITARY SEWERS -VARIOUS LOCATIONS

MUNICIPAL MANAGER'S RECOMMENDATION:

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

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TO: MUNICIPAL MANAGER 1985 11 28

FROM: DIRECTOR ENGINEERING

SUBJECT: WORK ORDER NO'S. 60-14-090 - UPGRADING OF EXISTING STREET LIGHTING, KINGSWAY, WILLINGDON AVENUE TO EDMONDS; 60-14-091 - NEW BUS STOPS, VARIOUS LOCATIONS; 60-14-089 - INSTALLATION OF THREE (3) ORNAMENTAL STREET LIGHTS ON GOVERNMENT ROAD SOUTH OF MANCHESTER; 60-16-112 - CONSTRUCTION PEDESTRIAN OVERPASS, MARINE WAY AT PATTERSON AVENUE; 60-70-164 - SUBDIVISION SERVICING INSTALLATIONS, SULLIVAN STREET SUBDIVISION; 60-14-088 - CONSTRUCTION OF RAISED ISLANDS, BEAVERBROOK DRIVE AT EASTLAKE DRIVE; 60-30-051 - CONSTRUCTION SANITARY SEWERS, VARIOUS LOCATIONS.

RECOMMENDATION:

THAT Work Order No's. 60-14-090 - Upgrading of existing street lighting, Kingsway, Willingdon Avenue to Edmonds; 60-14-091 - New bus stops, various locations; 60-14-089 - Installation of three (3) ornamental street lights on Government Road south of Manchester; 60-16-112 - Construction Pedestrian Overpass, Marine Way at Patterson Avenue; 60-70-164 - Subdivision servicing installations, Sullivan Street Subdivision; 60-14-088 - Construction of raised islands, Beaverbrook Drive at Eastlake Drive; 60-30-051 - Construction of Sanitary Sewers, various locations, be approved.

60-14-090 Kingsway, Willingdon Avenue to Edmonds
Street - Upgrade existing street lighting.

CHARGE: 1985 Capital Budget \$115,000
Code 14 - Traffic Management

ADDITIONAL INFORMATION: The existing street lighting on Kingsway between Boundary Road and Willingdon Avenue has, in conjunction with the installation of trolley bus poles, been upgraded to high pressure sodium vapour. The remaining street lighting on Kingsway between Willingdon Avenue and Edmonds Street is supplied by an outdated system using 400 watt mercury vapour lighting. It would be our intention to replace the old style poles with modern davits and the 400 watt mercury vapour luminaires with 250 watt high pressure sodium vapour (H.P.S.).

Benefits would be:

- a) About 45% increase in illumination.
- b) Over \$3,000 a year savings in energy costs.
- c) Improve the safety of both motorists and pedestrians using Kingsway after dark.

60-14-091

New Bus Stops - Various Locations.

CHARGE: 1985 Capital Budget \$100,000
 Code 14 -Traffic Management

ADDITIONAL INFORMATION: This work order is to cover the cost of installing approximately 70 new stops for the proposed bus/A.L.R.T. integration. The stop improvements range from paving between separated walks and the curb to complete new landing areas requiring culverts and paved pull offs for the bus and passenger waiting areas.

60-14-089

Install three (3) ornamental streetlights - Government Road south of Manchester.

CHARGE: 1985 Capital Budget \$ 6,000
 Code 14 - Traffic Management

ADDITIONAL INFORMATION: These three lights will fill in the gap presently existing in the Government Road ornamental street lighting. This gap is on a 90° bend in Government Road adjacent the freeway and has been the source of many complaints from motorists. The land adjacent this section of Government is public and therefore does not qualify for Local Improvement Initiation.

60-16-112

Corporation share (20%) of construction of Pedestrian Overpass - Marine Way at Patterson Avenue.

CHARGE: 1985 Capital Budget \$ 40,000
 Code 16 - Major Roads

ADDITIONAL INFORMATION: The 1985 Capital Budget contains a provision of \$40,000 which represents Burnaby's 20% share of the cost of construction of the proposed pedestrian overpass at Marine Way and Patterson Avenue. The work is to be constructed by the Ministry of Transportation and Highways. The Ministry closed tenders for the project on 1985 November 14 and have confirmed the original total estimate of \$200,000. Council at its regular meeting of 1980 June 02 authorized the 20% contribution share and further authorized the inclusion of \$40,000 in the Capital Improvement Program.

60-70-164 Sullivan Street Subdivision - Installation of all services to Subdivision Reference #29/84.

CHARGE: 1985 Capital Budget \$58,000
Code 70 - Land Assembly

ADDITIONAL INFORMATION: This work order is required to cover the cost of installation of all services to this Municipal subdivision, Subdivision Reference #29/84, including underground electric, gas and telephone. Funds are provided in 1985 Capital Budget.

60-14-088 Beaverbrook Drive at Eastlake Drive intersection - construction of raised islands for improved channelization.

CHARGE: 1985 Capital Budget \$ 20,000
Code 14 - Traffic Management

ADDITIONAL INFORMATION: This project involves the construction of raised channelization to better clarify traffic movements in an existing large area intersection. A sketch layout of the island arrangement is attached.

60-30-051 Various Locations - Construction of Sanitary Sewer, minor unspecified projects.

CHARGE: 1985 Capital Budget \$ 40,000
Code 30 - Sanitary Sewer

ADDITIONAL INFORMATION: The 1985 Capital Budget under Code 60-30, Sanitary Sewer Projects, contains provision in the amount of \$40,000 for minor unspecified projects. Your Director Engineering has identified portions of the sanitary sewer system, primarily in the Central Valley area, which require immediate upgrading.

TOTAL \$379,000

f.w.c. s.f.
DIRECTOR ENGINEERING

/cf
cc: () Director Finance

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