

ITEM	11
MANAGER'S REPORT NO.	14
COUNCIL MEETING	95/03/20

TO: CITY MANAGER

DATE: 1995 03 14

FROM: DIRECTOR ENGINEERING

FILE: 10-01-12

SUBJECT: WORK ORDERS:

60-21-115, Watermain Renewals (1995 LIP Paving Program)
60-08-035, Lane Improvements
60-32-099, Frogger's Creek Stormwater Management Plan

PURPOSE: To obtain approval of work orders 60-21-115, 60-08-035, and 60-32-099.

RECOMMENDATION:

1. THAT the above work orders, as more specifically referred to in this report, be approved.

REPORT

60-21-115 Watermain Renewals (1995 Local Improvement Program)

Charge: 1995 Provisional Capital Budget \$330,000
Mains, Pumping Stations

Additional Information: As part of the 1995 Road Local Improvement Program, we have examined the existing watermains within the approved project areas and identified the watermains that have a history of breaks and high maintenance costs. In order to protect the City's investment and the infrastructure, it is recommended that these aging mains be replaced before the roadworks commence. The watermain renewal program will be coordinated with local improvement roadworks to minimize restoration costs and disruption to residents. Total cost of the renewal program is estimated at \$330,000. Sufficient General Revenue funds are available and these expenditures are included in the 1995 Water Utility component of the 1995-1999 Provisional Capital Program.

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60-08-035 Lane Program

Charge: 1995 Provisional Capital Budget \$20,000
Street & Lane Rehabilitation

Additional Information: Utility companies are responsible for restoring the working areas when undertaking major underground utility renewals within lane rights-of-way. Remaining areas would normally be upgraded through our annual Street & Lane Rehabilitation Program. This work order provides funding to cost-share with utility companies and take advantage of their renewal program to give a more cost-effective solution for total rehabilitation of existing lanes. Sufficient General Revenue funds are available and these expenditures are included in the 1995 Street & Lane Rehabilitation component of the 1995-1999 Provisional Capital Program.

60-32-099 Frogger's Creek Stormwater Management Plan

Charge: 1995 Provisional Capital Budget \$50,000
Storm Drainage

Additional Information: Frogger's Creek is one of several natural streams in Burnaby's south slope watershed. Through the Master Drainage Improvement Program for the Big Bend area, a multi-phase engineering program is currently underway to provide better drainage control and to reduce flooding potential in the lowland areas. With respect to protecting the environmentally sensitive area adjacent to the streams and preventing further degradation of run-off quality in the streams, a stormwater management plan must be prepared to provide guidelines for future run-off control and stream protection work. In our discussion with the Department of Fisheries & Oceans, Frogger's Creek is identified as top priority for the stormwater management plan. Detailed Terms of Reference for the stormwater management plan have now been prepared. Primary objectives are to examine the drainage run-off quality in the watershed and to evaluate alternative quality control methods. Hydraulic analysis would be carried out to determine optimum run-off control methods to mitigate erosion and sedimentation problems. Cost of the engineering program is estimated at \$50,000. Sufficient General Revenue funds are available and these expenditures are included in the 1995 Storm Drainage component of the 1995-1999 Provisional Capital Program.


DIRECTOR ENGINEERING