

ITEM	4
MANAGER'S REPORT NO.	56
COUNCIL MEETING	94/10/11

TO: CITY MANAGER

DATE: 1994 OCT 04

FROM: DIRECTOR ENGINEERING

FILE: 10-01-12

SUBJECT: WORK ORDERS:
60-30-091 Eastbrook Sanitary Pump Station
60-21-116 Infrastructure Management System (Water)

PURPOSE: To obtain approval of Work Orders 60-30-091 and 60-21-116

RECOMMENDATION:

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

REPORT

60-30-091 Eastbrook Sanitary Pump Station

Charge: 1994 Capital Budget
Sanitary Sewer

\$630,000

Additional Information: Appearing elsewhere on this agenda is an item recommending award of Contract #9414, Eastbrook Sanitary Sewer Pump Station. The work includes installation of a sanitary pump station with associated force main and other ancillary works to replace the existing pile-supported sewer system in the Central Valley area. The existing system is subject to continuous settlement problems due to surrounding poor soil conditions. Recent TV camera inspections have revealed rapidly deteriorating conditions that require immediate attention.

Burnaby Sinking Fund Surplus Appropriation Bylaw 9419 (July 1990) authorized the expenditure of 280,000 from the reserve, and this amount has been included in the 1994 Sewer Component of the Capital Program. Additional Utility General Funds are available and included in the 1995 component of the Capital Program. Due to a recent project priority review, construction of the pump station has been brought forward from 1995 schedule. Adjustments will be made within 1994 to ensure the Capital Spending Limit is not exceeded.

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60-21- 116 Infrastructure Management System (Water)

Charge: 1994 Capital Budget \$60,000.
Mains, pumping stations, etc

Additional Information: This work order provides funding to continue our ongoing implementation of a computerized Infrastructure Management System (IMS). The full scope of IMS would eventually include inventory data, operations and maintenance functions that would enable us to maintain the infrastructure in the most cost effective manner. As part of the water system operation, pumping stations and pressure reducing stations data are collected and transmitted electronically through a computerized system to monitor the operation and performance of facilities. With the addition of new stations and control systems, it is necessary to develop and install an enhanced control and data acquisition systems to monitor operations and respond more efficiently to varying water pressure demands. Total estimated project cost is \$60,000. Sufficient General Revenue funds are available and these expenditures are included in the Water Utility component of the 1994 Capital Program.


DIRECTOR ENGINEERING

AAS:
cc: Director Finance