

TO: CITY MANAGER **DATE:** 2005 01 19
FROM: DIRECTOR ENGINEERING **FILE:** 32000-05
SUBJECT: WORK ORDERS:
60-21-145, Watermain Renewals (2005 Program) - Phase I
60-30-120, Infrastructure Improvements - Various Locations
60-30-115, Sewer System Evaluation (2005) Program

PURPOSE: To obtain approval of Work Orders 60-21-145, 60-30-120, and 60-30-115.

RECOMMENDATION:

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

R E P O R T

60-21-145 Watermain Renewals (2005 Program) - Phase I

Charge: 2005 Provisional Capital Budget
Watermains, Pumping Stations, Etc. \$737,000

Additional Information: This work order provides funding for replacement watermains on streets that form part of the annual pavement rehabilitation and local improvement roadworks program. Total cost of construction work by City forces, is estimated at \$737,000. Construction of the replacement mains is coordinated with roadworks to reduce surface restoration costs and minimize potential for breaks after the new pavement is in place. Sufficient General Revenue funds are available in the Water Utility, and these expenditures are included in the 2005 - 2009 Provisional Capital Budget.

60-30-120 Infrastructure Improvements - Various Locations

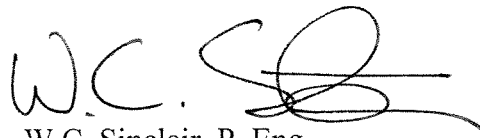
Charge: 2005 Provisional Capital Budget
Sanitary Extensions \$100,000

Additional Information: The 2005 Provisional Capital Budget includes provision for cost-sharing with private development for improvements to sewer system components, not directly related to the proposed development. The program takes advantage of the development process in providing a cost-effective solution for upgrading the infrastructure. Sufficient General Revenue funds are available in the Sanitary Sewer Utility, and these expenditures are included in the 2005 - 2009 Provisional Capital Budget.

60-30-115 Sewer System Evaluation (2005 Program)

Charge: 2005 Provisional Capital Budget
Sanitary Extensions \$280,000

Additional Information: The City has an ongoing program to reduce infiltration and inflow in the sanitary sewer system. Reduction of infiltration and inflow lessens the load on sewerage treatment plants and is a critical element in the Regional Liquid Waste Management Plan. The proposed program includes flow monitoring and video camera inspection to identify specific areas of the sewer network requiring rehabilitation. Sufficient General Revenue funds are available and these expenditures are included in the Sanitary Sewer Utility component of the 2005 - 2009 Capital Program.


W.C. Sinclair, P. Eng.
DIRECTOR ENGINEERING

AAS:

cc: Director Finance