

**TO:** CITY MANAGER

**DATE:** 2003 01 27

**FROM:** DIRECTOR ENGINEERING

**FILE:** 10-01-12

**SUBJECT: WORK ORDERS:**

**60-21-139 WATERMAIN RENEWALS (2003 PROGRAM)**

**60-21-125 INFRASTRUCTURE IMPROVEMENTS - VARIOUS LOCATIONS**

**60-21-140 WATER QUALITY IMPROVEMENTS - ENGINEERING SERVICES**

**PURPOSE:** To obtain approval of Work Orders 60-21-139, 60-21- 125 and 60-21-140

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**RECOMMENDATION:**

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

**R E P O R T**

**60-21-139 Watermain Renewals (2003 Program) - Phase I**

**Charge:** 2003 Provisional Capital Budget  
Watermains, pumping stations, etc

\$1.025 Million

**Additional Information:** This work order provides funding for replacement watermains on streets that form part of the annual pavement rehabilitation program. Total cost of construction work by City forces, is estimated at \$1.025 million. 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 2003 - 2007 Provisional Capital Budget.

**60-21-125 Infrastructure Improvements - Various Locations**

**Charge:** 2003 Provisional Capital Budget  
Mains, pumping stations, etc.

\$310,000

**Additional Information:** The 2003 Provisional Capital Budget includes provision for cost-sharing with private development for improvements, such as over-sizing existing mains not directly related to the proposed development and the removal of dead-ends within the water distribution system. The program takes advantage of the development process in providing a cost-effective solution for upgrading the infrastructure. Sufficient General Revenue funds are available and these expenditures are included in the Water Utility component of the 2003 - 2007 Capital Program.

**60-21-140 Water Quality Improvements -Engineering Services**

**Charge:** 2003 Provisional Capital Budget \$60,000  
Water Utility

A recent study of the City's water distribution system proposed a program of capital upgrades and operational enhancement strategies to improve water quality throughout the system. This Work Order provides funding for consultancy services to prepare detailed engineering designs and contract administration to implement the first phase of recommendations contained in the report. Sufficient General Revenue funds are available and these expenditures are included under the Water Utility component of the 2003 - 2007 Provisional Capital Program.



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

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cc: Director Finance