

**TO:** CITY MANAGER **DATE:** 2005 July 20  
**FROM:** DIRECTOR ENGINEERING **FILE:** 32000-05  
**SUBJECT:** WORK ORDERS  
**PURPOSE:** To obtain approval of work orders 60-32-117, 60-21-145 and 60-30-117

**RECOMMENDATION:**

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

**REPORT**

60-32-117 Miscellaneous Storm Drainage Improvements – Various Locations

Charge: 2005 Capital Program  
Storm Drainage \$20,000

**Additional Information:** Capital funds are provided annually for the ongoing program of storm drainage improvements to alleviate potential flooding. The program consists essentially of catch basin installations and other miscellaneous minor works to address specific problem areas as identified. Sufficient General Revenue funds are available and these expenditures are included in the Storm Drainage component of the 2005 Annual Financial Plan

60-21-145 Watermain Renewals (2005 Program )

Charge: 2005 Capital Budget  
Watermains, pumping stations, etc \$1.02 Million

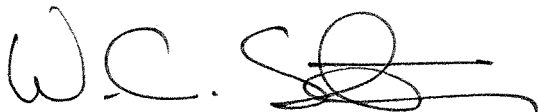
**Additional Information:** Appearing elsewhere on this agenda is an item recommending the award of Contract 2005-17: Watermain Renewals (2005 Program - Package "B"). This contract is comprised primarily of replacing aging watermains. The total project costs including, engineering services and other ancillary work by City forces is estimated at \$1.02 Million. Sufficient General Revenue funds are available in the Water Utility, and these expenditures are included in the 2005 Annual Financial Plan.

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60-30-117 2005 Sanitary Sewer Rehabilitation Program

Charge: 2005 Capital Budget  
Sanitary Sewer Utility \$75,000

**Additional Information:** The City has an ongoing program to reduce infiltration and inflow (I & I) in the sanitary sewer system. Reduction of I & I lessen the load on sewerage treatment plants and is a critical element in the Regional Liquid Waste Management Plan. Recent evaluation of the sewer system utilizing flow monitoring and video camera inspection techniques identified specific areas of the sewer network requiring rehabilitation with the view to further reducing I & I that enter the system through aging manholes and joints in sewer pipes. Based on this evaluation, staff have developed a program of sewer linings and grouting at various locations with an estimated cost of \$75,000. Sufficient General Revenue funds are available in the Sanitary Sewer Utility, and these expenditures are included in the 2005 Annual Financial Plan.

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

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Copied to: Director Finance