

**TO:** CITY MANAGER  
**FROM:** DIRECTOR ENGINEERING  
**SUBJECT:** WORK ORDER:  
60- 30- 108 The 2001 Sewer Rehabilitation Program  
**PURPOSE:** To obtain approval of Work Order 60-30-108

**DATE:** 2001 09 10  
**FILE:** 10-01-12

**RECOMMENDATION:**

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

**REPORT**

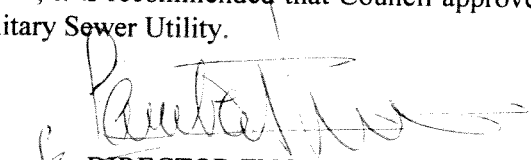
**60-30-108 The 2001 Sewer Rehabilitation Program**

**Charge:** 2001 Annual Capital Budget  
Sanitary Sewer Utility \$440,000

**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. Earlier this year, Council approved funding for an evaluation of the sewer system with the view to further reducing I & I which enter the system through aging manholes and joints in sewer pipes. The study which has now been completed utilized flow monitoring and video camera inspection techniques to identify specific areas of the sewer network requiring rehabilitation. Staff have developed a comprehensive rehabilitation program based on this evaluation. The recent sewer system evaluation indicates a need for immediate and long term rehabilitation in several areas of the sewer network. Notwithstanding the City's current commitment to the combined sewer separation program, it would be beneficial to upgrade the sewer system to reduce I & I in concert with the other sewer improvement programs. There are two components to the recommended 2001 program:

- Sewer lining at various locations; estimated costs \$370,000
- Point repairs at specific locations; estimated costs \$ 70,000

Sufficient General Revenue funds are available in the Sanitary Sewer Utility to complete the proposed improvements. However, the total estimated cost of \$440,000 exceeds the current budget allocation of \$70,000. In order to proceed with the planned 2001 program, it is recommended that Council approve an increase of \$370,000 to the capital spending limits in the Sanitary Sewer Utility.

  
DIRECTOR ENGINEERING

AAS:  
cc: Director Finance