

COUNCIL ACTION FORM

**SUBJECT: 2018/19 SANITARY SEWER REHABILITATION PROGRAM
(WILSON AVENUE AND 15TH STREET)**

BACKGROUND:

This is the annual program for rehabilitation/reconstruction of deficient sanitary sewers and deteriorated manholes at various locations throughout the city. The goal of this program is to identify and remove major sources of inflow/infiltration (I&I) as a means of lowering the peak wet weather flow at the treatment plant. Most of the work can be bundled into a construction package for cost efficiency.

In 2012 the City began a Sanitary Sewer System Evaluation that included a comprehensive and systematic evaluation for identifying the defects that could contribute inflow & infiltration across the entire City-wide sanitary sewer system. Current and future CIP projects for the sanitary sewer system are based on the results of this evaluation. Work includes rehabilitation such as the lining of existing mains or spray lining of existing structures, as well as complete removal and replacement of structures and sanitary sewer mains. These projects were shown in the CIP beginning in FY 2014/15. Funding comes from the State Revolving Fund (SRF), and Sewer Utility Fund. Repayment of the SRF loans will be from revenues generated in the Sanitary Sewer Fund.

This is the fourth rehabilitation project, which should have an immediate impact in removing inflow & infiltration (I&I) from older, deteriorated sewer mains and manholes. By eliminating this I&I, the sanitary sewer system will regain some capacity. Items of work in the contract include point repairs and cured-in-place lining of the existing mains. These rehabilitation methods minimize the impact to residents and will reduce the amount of clean water that enters the system, thus reducing the amount of water needing treatment at the plant.

Revenue and expenses associated with this program are estimated as follows:

	Available Revenue	Estimated Expenses
	\$ 3,570,000	
State Revolving Fund	\$ 250,000	
Sewer Utility Fund		
2018/19 Sanitary Sewer Rehab (Wilson and 15 th) (Engineer's Est.)		\$ 2,800,000
Engineering/Administration (Est.)		\$ 560,000
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	\$ 3,820,000	\$ 3,360,000

ALTERNATIVES:

1. Approve the preliminary plans and specifications for the 2018/19 Sanitary Sewer Rehabilitation Program (Wilson and 15th), establish October 31, 2018 as the date of letting, and November 13, 2018 as the date to report the bids.
2. Direct staff to revise the project.

MANAGER'S RECOMMENDED ACTION:

This project represents City Council's commitment to improve the sanitary sewer system. This is the fourth of several large projects that will have an immediate impact by removing Inflow & Infiltration to regain valuable capacity in the City's existing sanitary sewer mains.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as noted above.