



Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: January 2, 2018

Re: Authorizing construction of the College Avenue Sanitary Sewer Replacement Project

Executive Summary

Staff has prepared for Council consideration an ordinance authorizing construction of the College Avenue Sanitary Sewer Replacement Project. An interested Parties (IP) meeting was held on November 2, 2017, and a public hearing was held December 18, 2017.

Discussion

This project will consist of constructing four manholes and the installation of trenchless lining for approximately 700 linear feet of gravity sanitary sewer located along College Avenue, within MoDOT right-of-way, from Rollins Street to the north (see attached diagram). The sewer line currently serves four properties and is in a deteriorated condition that, historically, has created large voids under the driving pavement of College Avenue. In addition, installation of the manhole at College and Rollins will allow for inspection and maintenance of a portion of the system that currently cannot be properly inspected and maintained, and will allow for the elimination of a redundant pipe that cannot be easily inspected or maintained.

The original schedule for this project included design in FY2018 and construction in FY2019. However, this project is being accelerated to complete the manhole replacement prior to the Missouri Department of Transportation Route 763 (College Avenue) ADA and Roadway Pavement Improvements project scheduled to begin March 2018. The manhole replacement prior to the MoDOT project will allow for future lining of the sewer mains without the requirement to excavate the new pavement MoDOT will be placing for this street. Staff is coordinating the construction of the project with The University of Missouri and plans to construct the manholes in a manner that will minimize the impact to both vehicle and pedestrian use of College Avenue and will follow all MoDOT requirements to complete the project.

The project will be constructed utilizing existing term and supply contracts or City forces for the construction. This project is estimated to cost \$125,000 which includes design and construction. This project will be funded with Sewer Utility Revenue funds and other such funds as may be lawfully appropriated.

Fiscal Impact

Short-Term Impact: The total project cost, including construction, is estimated at \$125,000.



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Long-Term Impact: It is anticipated that this project will have minimal impact on the Sewer Utility's operating cost annually and will reduce the likelihood of future pavement failures.

Strategic & Comprehensive Plan Impacts

Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Public Safety, Tertiary Impact: Not Applicable

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Environmental Management, Tertiary Impact: Not Applicable

Legislative History

Date	Action
12/18/2017	PH45-17 Public Hearing
11/20/2017	Setting a Public Hearing
11/02/2017	Interested Parties Meeting

Suggested Council Action

Authorize the construction of the College Avenue Sanitary Sewer Replacement Project.