



# City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: December 18, 2017

Re: Public Hearing - College Avenue Sanitary Sewer Replacement Project

## Executive Summary

Public Hearing for the construction of four manholes and/or cleanouts and lining of sanitary sewer mains in College Avenue. This project will replace failing infrastructure located within Missouri Department of Transportation (MoDOT) right-of-way.

## 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, staff is recommending this project be 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.

The interested parties (IP) meeting was held on November 2, 2017 with one (1) of the affected property owners in attendance. Staff has been in contact with the other adjacent property owners that were not in attendance at the IP meeting. The affected property owners are generally supportive of the project. Staff has also been coordinating the construction of the project with The University of Missouri and MoDOT, who were both in attendance at the IP meeting.

Staff intends 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. This construction will be performed utilizing existing term and supply contracts or City staff. 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.  
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
11/02/17	Interested Parties meeting

## Suggested Council Action

Following the public hearing and Council discussion, direct staff to proceed with the College Avenue Sewer Replacement project.