



Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: November 18, 2019

Re: Public Hearing – proposed construction of the Tupelo Larch Sanitary Sewer Improvement Project

Executive Summary

This is the public hearing for the Tupelo Larch Sewer Improvement Project. The project location is shown on the attached Location Map. The proposed project will replace deteriorated infrastructure and reduce the frequency of sanitary sewer overflows (SSO) in the area due to increasing the sewer pipe diameter and improving hydraulics by changing the alignment of the sewer pipes.

The cost estimate for the project is \$235,000, and payment shall come from Sewer Utility funds.

Discussion

As shown on the attached Diagram/Exhibit A, Tupelo Larch Sanitary Sewer Improvement Project will consist of constructing approximately 550 feet of new sewer pipe and two sanitary sewer structures. The existing sanitary sewer pipe system and two existing structures will be abandoned and/or removed. The existing sewer system is made of vitrified clay pipe (VCP) and is failing.

There have been ten reported SSOs at this location since 2008, with the most recent one occurring on December 31, 2018. The new alignment will improve pipe hydraulics, and the enlarged pipe diameter will also create more storage in an effort to reduce the frequency of surcharging sewer structures and sanitary sewer overflows in this area.

The City of Columbia owns one of the two properties on which the sanitary sewer is proposed to be located. Staff has met with the property owner of the other parcel to discuss the scope of the project as well as potential easements that will be required. The property owner is generally supportive of the project. In addition, Staff has discussed the project with MoDOT as the project will tie in to an existing sanitary sewer structure located within MoDOT right-of-way. An Interested Parties (IP) meeting was held for the project on July 31, 2019, with no property owners in attendance.

The resolution estimate for this project is \$235,000.

Fiscal Impact

Short-Term Impact: The resolution estimate is \$235,000 and will be paid from Sewer Utility funds.



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Long-Term Impact: It is anticipated that this project will have minimal impact on either the Sewer Utility's annual operating cost.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

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

Comprehensive Plan Impacts:

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

Legislative History

Date	Action
11/04/2019	R155-19 Setting a public hearing: proposed construction of the Tupelo Place and Larch Court sanitary sewer improvement project.
07/31/2019	Interested Parties Meeting

Suggested Council Action

Direct staff to proceed with the Tupelo Place and Larch Court Sanitary Sewer Improvement Project.