



Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: March 2, 2020

Re: Public Hearing: Proposed construction of Phase 1 of the Fifth to Wilkes Sewer Improvement Project

Executive Summary

This is the public hearing for the proposed construction of Phase 1 of the Fifth to Wilkes sewer improvement project. The project location is shown on the attached Location Map. This is the first phase of a multi-phase sanitary sewer improvement project which will locally improve sewer hydraulics and make progress towards reducing the frequency of sanitary sewer overflows and building backups in the surrounding area. The cost estimate for this phase of the sewer project is \$400,000, and payment shall come from Sewer Utility Funds.

Discussion

As shown on the attached diagram, the Phase 1 Fifth to Wilkes Sewer Improvement Project will consist of constructing approximately 825 feet of sanitary sewer main and 4 sanitary sewer structures to improve sewer hydraulics in the area. This area has had multiple reports of sanitary sewer overflows and building backups from sewer during wet weather events. With anticipated Columbia Public Schools construction on the Jefferson Middle School property, it became feasible to coordinate a sewer improvement project to facilitate improved sewer hydraulics to reduce the occurrence of overflows and building backups during wet weather events. This is the first phase of the sewer improvement project. The alignment of a future phase to improve the sewers up to Seventh Street and Wilkes Avenue will be proposed once a hydraulic model and the associated flow monitoring can be completed. A future potential alignment is shown on the attached diagram. However, a new Interested Parties Meeting and a Public Hearing will be held on the future sewer alignment.

The Sewer Utility is coordinating with Columbia Public Schools to construct this sewer improvement project across their playing field during the summer while school is not in session. The project is also being coordinated with a forthcoming storm water project to replace a failing and undersized storm system in the Hickman Avenue and North Sixth Street area. The public sewer work in Sixth Street will be below the anticipated storm water structure improvements, therefore future conflict with storm improvements should be minimal.

Sewer and Storm Water Utility staff held an Interested Parties (IP) Meeting at City Hall on January 28, 2020 to discuss both the sewer and storm water work planned in this area in the coming years. The IP meeting was attended by two neighborhood residents, along with representatives of Columbia Public Schools and Columbia College. Interested Parties have been generally supportive of Phase I of the Fifth to Wilkes Sewer Improvement project. The resolution estimate for this project is \$400,000 and will be paid for from Sanitary Sewer Utility enterprise revenue funds.



Fiscal Impact

Short-Term Impact: The resolution estimate is \$400,000 and will be paid from Sewer Utility funds.

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

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Environmental Management, Tertiary Impact: Tertiary

Legislative History

Date	Action
02/17/2020	R23-20 Setting a public hearing: proposed construction of Phase I of the Fifth to Wilkes Sewer Improvement Project to include sanitary sewer improvements from the intersection of Fifth Street and Rogers Street to Sixth Street.
01/28/2020	Interested Parties Meeting

Suggested Council Action

Direct staff to proceed with the Phase 1 Fifth to Wilkes Sanitary Sewer Improvement Project.