



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: February 3, 2020

Re: Setting a Public Hearing: proposed construction of the Court and Hickory Sanitary Sewer Improvement Project

Executive Summary

Staff has prepared for Council consideration a resolution setting a public hearing on February 17, 2020, concerning the construction of public sanitary sewers along and adjacent to College Avenue, Court Street, and Hickory Street. The project location is shown on the attached Location Map. The proposed project will replace failing, vitrified clay pipe sewer mains under College Avenue (MODOT right of way) and the COLT railroad with new encased sewer pipe. It will also relocate a portion of public sewer from under an existing building. The resolution estimate for this sewer project is \$500,000, and payment shall come from Sewer Utility Funds.

Discussion

As shown on the attached diagram, the Court and Hickory Sanitary Sewer Improvement Project will consist of constructing approximately 533 linear feet of new sewer pipe and 6 sanitary sewer structures to replace failing sewer mains and realign the system. The sewer improvements will reduce the number of sewer mains crossing the MODOT right of way to one, improve system hydraulics and relocate a sewer structure from a building. The existing sanitary sewer pipe system and one existing structure will be abandoned and/or removed. Much of this project will be constructed utilizing a boring method to accommodate MODOT, COLT railroad and adjacent property owners' requirements and requests.

City staff identified the sanitary sewer system in this area for reconstruction and rehabilitation to reduce inflow and infiltration and extend the service life of the system. In addition to the proposed relocation project, staff is recommending the lining of approximately 881 linear feet of existing sewer main to rehabilitate the sewers serving the Court Street and Hickory Street area immediately upstream of the project. Where possible, the City rehabilitates older sanitary pipes with a cured-in-place pipe (CIPP). After inspection of the sewer system, it was determined that the pipes highlighted on the attached diagram can be most effectively rehabilitated by installation of CIPP. The lining work in this area will be performed as part of a future annual sewer rehabilitation project.

Staff held an Interested Parties (IP) meeting for the project on January 20, 2016. One property owner representing six properties was in attendance and in support of the sanitary sewer improvements. Staff held another IP meeting on September 4, 2019 where two property owners attended and spoke in favor of the project. Staff has since had conversations with the other affected property owners concerning the proposed preliminary design. The resolution estimate for this project is \$500,000 and will be paid for from Sanitary Sewer Utility enterprise revenue funds.



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Fiscal Impact

Short-Term Impact: The resolution estimate is \$500,000 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: Not Applicable, Tertiary Impact: Not Applicable

[Comprehensive Plan Impacts:](#)

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

Legislative History

Date	Action
09/04/2019	Interested Parties Meeting
01/20/2016	Interested Parties Meeting

Suggested Council Action

Approve the resolution setting a Public Hearing for the Court and Hickory Sanitary Sewer Improvement Project on February 17, 2020.