



Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: December 20, 2021

Re: Public hearing: proposed construction of sanitary sewer rehabilitation project #9 in the Business Loop 70 and downtown areas.

Executive Summary

This is the public hearing concerning the Sewer Rehabilitation #9 Project. The proposed sanitary sewer system improvements will consist of rehabilitation of approximately 75,000 linear feet of sewer line. The resolution estimate for this project is \$3,025,000 and will be paid from the Sewer Utility Revenue Bonds approved in the 2013 ballot and other sewer revenue funds.

Discussion

The scope of this proposed sanitary sewer system improvement project consists of rehabilitating sewer pipe, manholes and lateral connections to the main located primarily in two areas in Columbia. Approximately 75,000 linear feet will be rehabilitated to repair structural deficiencies and to reduce Inflow and Infiltration (I&I) into the sewer main. The project is anticipated to begin in late FY2022.

The proposed rehabilitation project is a continuation of annual efforts to repair existing sewer infrastructure and reduce I&I as part of the Wastewater and Stormwater Integrated Management Plan. Work includes lining approximately 75,000 linear feet of aging sewer main identified by Sewer Utility staff during routine operation and maintenance activities. Many of these pipes are cracked or broken, nearing the point of failure. Rehabilitation of these lines will reduce inflow and infiltration (I&I) and the occurrence of stoppages. Reduction of I&I is part of the ongoing effort to reduce the number of backups into buildings and sanitary sewer overflows. Rehabilitation of sewer mains could occur throughout Columbia. As shown on attached individual project graphics, two primary areas where several mains are proposed to be rehabilitated with this project include:

- Business Loop 70 area
- Downtown area

An Interested Parties (IP) meeting was held on November 9, 2021, for the primary affected areas. Six (6) people attended the meeting (not including staff). Staff communicated with others who were interested in the project but could not attend the meeting. The Contact Log is attached. Staff will work with "The Loop" and "The District" groups to help inform affected businesses about the project and coordinate traffic and water usage during lining operations. The resolution estimate for this project is \$3,025,000 million and will be paid from Sewer Utility Revenue Bonds approved in the 2013 ballot and other sewer revenue funds.

Fiscal Impact



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Short-Term Impact: Resolution estimate of \$3,025,000 to be paid from Sanitary Sewer Revenue Bond Funds and other sewer revenue funds.

Long-Term Impact: Reduced impact to annual maintenance and operation costs.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

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

Comprehensive Plan Impacts:

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

Legislative History

Date	Action
12/06/2021	R186-21: Setting a public hearing: proposed construction of sanitary sewer rehabilitation project #9 in the Business Loop 70 and downtown areas.
11/09/2021	Sewer Rehabilitation #9 IP meeting
10/18/2021	B323-21: Authorizing construction of sanitary sewer rehabilitation project #8 in the Parkade Boulevard, Lynnwood Drive and Albert-Oakland Park areas; calling for bids through the Purchasing Division or authoring a contract for the work using a term and supply contractor.
09/07/2021	PH34-21: Public Hearing for the proposed FY 2021 Sanitary Sewer Rehabilitation #8 Project.
08/16/2021	R138-21: Setting a Public Hearing for September 7, 2021 for the proposed FY2021 Sanitary Sewer Rehabilitation #8 Project.
07/15/2021	Lynnwood Dr. neighborhood IP meeting
07/08/2021	Albert-Oakland Park neighborhood IP meeting
07/01/2021	Parkade neighborhood IP meeting
07/01/2019	PH32-19: Public Hearing: Proposed construction of the FY 2019 sanitary sewer rehabilitation project.
06/17/2019	R92-19: Setting a public hearing: proposed construction of the FY 2019 sanitary sewer rehabilitation project.
02/05/2018	PH5-18: Public Hearing: Proposed construction of the FY 2018 sanitary sewer main and manhole rehabilitation project.
01/02/2018	R2-18: Setting a public hearing for February 5, 2018 for the construction of the FY2018 sanitary sewer main and manhole rehabilitation project.



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05/15/2017	PH13-17: Public Hearing: Proposed construction of the FY 2017 sanitary sewer main and manhole rehabilitation project.
04/17/2017	R50-17: Setting a public hearing for May 15, 2017 for the construction of the FY2017 sanitary sewer main and manhole rehabilitation project.
07/05/2016	PH21-16: Public Hearing: Construction of the sanitary sewer main and manhole rehabilitation project.
06/16/2016	R61-16: Setting a public hearing for July 5, 2016 for the construction of the FY2016 sanitary sewer main and manhole rehabilitation project.
05/18/2015	Public Hearing
04/20/2015	R66-15: Setting a public hearing for May 18, 2015 for the construction of the FY2015 sanitary sewer main and manhole rehabilitation project.
04/07/2014	Public Hearing
03/03/2014	R31-14: Setting a public hearing for April 7, 2014 for the construction of the FY2014 sanitary sewer main and manhole rehabilitation project.
04/02/2012	Public Hearing
03/19/2012	R40-12: Setting a public hearing for April 2, 2012 for the construction of the sanitary sewer main and manhole rehabilitation project.

Suggested Council Action

Direct staff to proceed with the Sanitary Sewer Rehabilitation #9 Project.