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 2, 2024
Re: Public Hearing: proposed construction of the Sanitary Sewer Rehabilitation #11 Project

Executive Summary

This is the public hearing concerning the sanitary sewer system improvements related to Sewer Rehabilitation #11 Project. The project will rehabilitate approximately 120,000 linear feet of sewer throughout the central portions of the city as shown in the attached Project Graphic. An interested parties meeting was held on October 15, 2024. The estimate for this project is $9,200,000 to be paid from Sewer Utility enterprise revenue funds.

Discussion

The scope of this proposed sanitary sewer system improvement project consists of rehabilitating sewer pipe, sanitary structures and lateral connections to the main. See the attached location map. Approximately 120,00 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 2025.

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 120,000 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. The attached Project Graphic shows areas where several mains are proposed to be rehabilitated with this project including central, southwest, east campus and immediately north of I-70. This project will complete the rehabilitation of many areas previously started.

An Interested Parties (IP) meeting was held on October 15, 2024. One (1) person attended the meetings (not including staff and reporters). Staff communicated with others who were interested in the project but could not attend the meeting. Two emails were received during the subsequent comment period. The estimate for this project is $9,200,000 to be paid with Sewer Utility enterprise revenue funds.

Fiscal Impact

Short-Term Impact: $9,200,000
Long-Term Impact: Minimal impact on the Sewer Utility's annual operating cost.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:
Primary Impact: Reliable and Sustainable 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
11/04/2024	R186-24 Setting a public hearing: proposed construction of Sanitary Sewer Project #11 for the rehabilitation of sewer pipe, sanitary structures and lateral connections in central areas of Columbia.
05/15/2023	B101-23 Authorizing construction of sanitary sewer rehabilitation project #10 in the Bear Creek area; calling for bids through the Purchasing Division or authorizing a contract for the work using a term and supply contractor.
04/03/2023	PH13-23 Public Hearing; Proposed construction of sanitary sewer rehabilitation project #10 in the Bear Creek area.
03/21/2023	R36-23 Setting a Public Hearing; proposed construction of sanitary sewer rehabilitation project #10 in the Bear Creek area
03/21/2022	B76-22 Authorizing construction of sanitary sewer rehabilitation project #9 in the Business Loop 70 and downtown areas; calling for bids through the Purchasing Division or authorizing a contract for the work using a term and supply contractor.
12/20/2021	PH49-21 Public Hearing proposed construction of sanitary sewer rehabilitation project #9 in the Business Loop 70 and downtown areas.
12/08/2021	R186-21 Setting a Public Hearing; proposed construction of sanitary sewer rehabilitation project #9 in the Business Loop and downtown areas.
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 authorizing 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.
02/01/2021	B35-21 Amending the FY 2021 Annual Budget by appropriating funds for sewer rehabilitation projects.

10/19/2020	B286-20 Authorizing construction of the FY 2019 sanitary sewer main and manhole rehabilitation project; calling for bids through the Purchasing Division.
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.
03/05/2018	B50-18 Authorizing construction of the FY 2018 sanitary sewer main and manhole rehabilitation project; calling for bids through the Purchasing Division.
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.
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 final scope of services for the construction of the Sanitary Sewer Rehabilitation #11 Project.