



Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: September 7, 2021

Re: Public Hearing for the proposed construction of Sanitary Sewer Rehabilitation #8 Project

Executive Summary

This is the public hearing concerning the Sewer Rehabilitation #8 Project. The proposed sanitary sewer system improvements will consist of rehabilitation of approximately 17,500 linear feet of sewer main. The estimated cost of this project is approximately \$1,650,000 and will be paid from the Sewer Utility Revenue Bonds approved in the 2013 ballot.

Discussion

The scope of this proposed sanitary sewer system improvement project consists of rehabilitating sewer pipe and lateral connections to the main located in primarily three areas in Columbia. See the attached location map. Approximately 17,500 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 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 17,500 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, three primary areas where several mains are proposed to be rehabilitated with this project include:

- Parkade area
- Lynwood Drive area
- Albert-Oakland Park area

Interested Parties (IP) meetings were held on July 1, 2021, July 8, 2021, and July 15, 2021 for the primary affected areas. Thirteen (13) people attended the meetings. Staff communicated with others who were interested in the project but could not attend the meeting. The estimated cost for this project is \$1,650,000 and will be paid from Sewer Utility Revenue Bonds approved in the 2013 ballot.

Fiscal Impact

Short-Term Impact: Resolution estimate of \$1,650,000 to be paid from Sanitary Sewer Revenue Bonds approved in the 2013 ballot.



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
08/16/2021	R138-21: Setting a public hearing: proposed construction of sanitary sewer rehabilitation project #8 in the Parkade Boulevard, Lynnwood Drive and Albert-Oakland Park areas.
07/15/2021	Lynnwood Drive 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.
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.



City of Columbia

701 East Broadway, Columbia, Missouri 65201

04/07/2014 03/03/2014	Public Hearing 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 03/19/2012	Public Hearing 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 #8 Project.