



Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: July 1, 2019

Re: Public Hearing for the FY2019 Stormwater Rehabilitation Project

Executive Summary

The proposed improvements will consist of rehabilitating approximately 830 linear feet of storm drain pipe at six locations throughout Columbia. See attached location diagrams.

The estimated cost of the project is \$235,400 and will be paid from Storm Water Utility funds.

Discussion

Six locations have been identified as priorities to line and rehabilitate structurally deficient storm water pipes. These locations were prioritized by Storm Water Utility staff after inspection and in response to customer concerns as well as routine operation and maintenance activities. Lining pipes is appropriate where digging a trench to remove the old pipe and replace it with new is difficult, unusually disruptive, requires removal of large trees, or risks damaging adjacent structures. The pipes need to be repaired in order to prevent collapse and to keep the storm water drainage system functioning properly during storm water runoff events. The pipes will be lined with plastic or concrete materials. The expected life span of the newly lined pipe is more than 50 years and as much as 80 years for some materials. Typically, this work can be done without excavation, thereby minimizing disturbance and disruption. However, at some locations rock riprap may be needed to stabilize the pipe outlet.

Storm pipe lining is proposed for the following locations:

- Ann Street
- Bluff Dale Drive
- McKee Street
- Ridgemont
- Rollins Road at Brewer
- Sinclair Road south of Mill Creek

An Interested Parties (IP) meeting was held on May 7, 2019 for this project and the FY2019 Sanitary Sewer Rehabilitation Project. Six people attended the meeting (not including staff, Councilperson Peters, and news reporters). Staff met with others who were interested in the project but could not attend the meeting. See attached IP Contact Log.

The estimated cost of the project is \$235,400 and will be paid from Storm Water Utility funds.

Fiscal Impact



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Short-Term Impact: Construction costs are estimated to be \$235,400 and will be paid from Storm Water Utility funds.

Long-Term Impact: By preventing collapse and emergency repairs, this project will have a large beneficial, though unquantifiable, fiscal effect.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Public Safety, Tertiary Impact: Not Applicable

Comprehensive Plan Impacts:

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

Legislative History

Date	Action
06/17/2019	R91-19 Setting a public hearing: proposed construction of the FY 2019 storm water rehabilitation improvement project along portions of Ann Street, Bluff Dale Drive, McKee Street, Ridgemont, Rollins Road at Brewer Drive and Sinclair Road.
05/07/2019	Interested Parties Meeting

Suggested Council Action

Direct staff to proceed with the FY2019 Stormwater Infrastructure Rehabilitation Project.