



Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: February 3, 2025

Re: Public Hearing: proposed construction of the Clear Creek Force Main and Pump Station Sewer Improvement Project

## Executive Summary

This is the public hearing concerning the reconstruction of the Clear Creek public sanitary sewer force main. The project location is shown on the attached Project Graphic. An interested parties meeting was held on August 14, 2024. The estimate for this project is \$1,500,000 to be paid from Sewer Utility enterprise revenue funds.

## Discussion

The proposed project will replace or rehabilitate approximately 2,500 feet of the Clear Creek force main, as shown in the attached Project Graphic. This sewer main was improperly constructed and the design did not include sufficient air release valves. As a result, this section of force main has failed six times since it was constructed in 2010. The failures resulted in unauthorized discharge of sewage into Clear Creek. The City has had two abatement orders from the Missouri Department of Natural Resources. These orders included monetary penalties and the violations include the failures of this section of sewer. In addition to the pipe replacement, a new bypass vault will be constructed to allow city staff to perform maintenance on the pump station or force main without service interruptions and additional air release valves will be installed at appropriate locations. These improvements will enhance system operations, minimize pipe failures, and reduce the potential for additional enforcement actions by the Missouri Department of Natural Resources.

Sewer Utility staff conducted an Interested Parties Meeting on August 14, 2024. No stakeholders attended the meeting. One written comment was received during the subsequent comment period. Staff communicated with a nearby property owner during a site visit. The estimate for this project is \$1,500,000, which includes design, easement acquisition, and construction and will be paid through the Sewer Utility enterprise revenue funds.

## Fiscal Impact

Short-Term Impact: \$1,500,000 to be paid from Sewer Utility enterprise revenue funds.

Long-Term Impact: Reduced or minimal impact on the Sewer Utility's annual operating costs.

## 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



# City of Columbia

701 East Broadway, Columbia, Missouri 65201

## Legislative History

Date	Action
01/06/2025	R3-25 Setting a public hearing: proposed construction of the Clear Creek force main and pump station sewer improvement project.

## Suggested Council Action

Direct staff to proceed with the final design for the proposed construction of the Clear Creek Force Main and Pump Station Sewer Improvement Project.