



701 East Broadway, Columbia, Missouri 65201

Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: December 1, 2025

Re: Authorizing an agreement for professional engineering services with Burns & McDonnell Engineering Company, Inc. to design a rehabilitation or reconstruction strategy for 2500 linear feet of the Clear Creek 20-inch sewer force main.

Impacted Ward: Ward 6

Executive Summary

Staff has prepared for Council consideration a resolution authorizing the City Manager to execute an agreement with Burns & McDonnell in an amount not to exceed \$159,056.00 to provide professional engineering services to design a rehabilitation or reconstruction strategy for 2500 linear feet of the Clear Creek 20-inch sewer force main.

Discussion

Clear Creek Pump station was completed in 2010. Since 2014 the existing 20 inch sewer force main has experienced six main breaks that have resulted in raw sewage being discharged on the ground and in some cases into Clear Creek. Each time the sewer force main has been repaired and staff has made efforts to determine the cause of the pipe break. A combination of factors contributed to the breaks. The most recent break was on February 16, 2024 and resulted in a sewer discharge to Clear Creek and an enforcement action by the Missouri Department of Natural Resources. An Administrative Order was agreed to by the City on September 17, 2024 with \$13,677.00 in penalties and a proposal to reconstruct or rehabilitate the initial 1500 linear feet of force main leaving the pump station.

Burns & McDonnell was selected to design a rehabilitation or replacement strategy for the twenty inch (20") diameter, two thousand five hundred linear feet (2,500 LF) segment of the Clear Creek force main. Burns & McDonnell will provide sealed plans after analyzing the existing force main and pump station. The proposed not-to-exceed budget for this agreement with Burns & McDonnell is \$159,056.00 and will be paid for with Sanitary Utility funds.

Fiscal Impact

Short-Term Impact: \$159,056.00 from the Sanitary Sewer Utility.

Long-Term Impact: There is no long term impact associated with the services provided.

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: Not applicable, Tertiary Impact: Not Applicable

Legislative History

Date	Action
02/03/2025	PH5-25 Proposed construction of the Clear Creek force main and pump station sewer improvement project.
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

Approve the resolution.