



# 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: January 6, 2025

Re: Authorizing an agreement for professional engineering services with Intuition and Logic Engineering, Inc. to complete a flood study, survey, alternatives analysis and report at Brandon Road.

## Executive Summary

Staff has prepared for Council consideration a resolution authorizing the City Manager to execute an agreement with Intuition and Logic Engineering Inc. in an amount not to exceed \$85,790.50 to provide professional engineering services to conduct a boundary survey of the project area, complete a flood study, and analyze alternative solutions. A final summary memo shall also be provided.

## Discussion

Intuition and Logic Engineering, Inc. will provide engineering services to evaluate the stormwater flooding problems and culvert replacement alternatives at West Brandon Road. See the attached Location Map. The existing culvert under Brandon Road is undersized and failing. During storm water flooding events, split flow conditions occur at this location. Because of this unique situation, greater engineering analysis is required to ensure the most effective solution. The proposed improvement project will upgrade and improve the culvert and associated roadway at Brandon Road.

The Brandon Road stormwater improvement project has previously been identified and \$135,000 was appropriated in the budget to prepare an engineering design for the improvement project. Intuition and Logic Engineering Inc. was selected for this project in accordance with the City's professional consultant procurement guidelines based on their understanding of the project requirements and their experience. The contractual agreement with Intuition and Logic Engineering Inc will provide survey, flood study, alternatives analysis, and a summary memo for a not-to-exceed budget amount of \$85,790.50 to be paid for with Stormwater Utility funds. The standard improvement process, per Section 22-71 of the City Code of Ordinances, will be followed for this project.

## Fiscal Impact

Short-Term Impact: \$85,790.50 from the Stormwater Utility

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

## Strategic & Comprehensive Plan Impact

[Strategic Plan Impacts:](#)



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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
None	None

### Suggested Council Action

Approve the resolution.