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: October 21, 2024
Re: Setting a Public Hearing: proposed storm water improvements on Bernadette Drive

Executive Summary

Staff has prepared for Council consideration a resolution to set a public hearing on November 18, 2024 concerning the replacement and improvement of public storm drainage infrastructure on Bernadette Drive. The project location is shown on the attached map. An interested parties meeting was held on November 29, 2023. The resolution estimate for the stormwater project is $545,000, to be paid from Stormwater Utility funds

Discussion

The Bernadette Stormwater Improvement Project will consist of constructing stormwater infrastructure improvements in the area of Bernadette Drive, about 900 feet north of Worley Street near Our Lady of Lourdes Interparish School and Joe Machens Ford-Lincoln as shown on the Project Graphic. This portion of Bernadette Drive has limited street inlet capacity for storm water runoff and undersized storm water pipes, causing street flooding. Bernadette is classified as a major collector road on the CATSO Major Roadway Plan, thus it is vital to ensure proper drainage.

In addition to increasing the capacity of the existing storm drainage system on Bernadette Drive, stormwater improvements are proposed on adjacent private properties. Storm water will be intercepted from the east before entering Bernadette. The storm water facilities in Bernadette at the project location will be upgraded to current standards. Storm water pipes downstream of Bernadette are proposed to be re-aligned to improve hydraulic flow. This project will also require some water line relocation.

The proposed stormwater improvements include 210 linear feet of new stormwater conveyance and eight (8) new or reconstructed stormwater inlets/structures. In addition, 420 linear feet of existing private storm water pipe and one (1) existing private storm water structure are proposed to be accepted as public structures available for City maintenance should the property owner donate the necessary easements.

An Interested Parties Meeting was held on November 29, 2023 at City Hall. No property owners or other stakeholders attended the meeting. No comments were received during the subsequent comment period. Staff has met with the major property owners impacted by this project. The estimate for the storm water project is $545,000 and will be paid from Storm Water Utility funds.

Fiscal Impact

Short-Term Impact: The estimate for the storm water improvements is $545,000.
Long-Term Impact: Minimal impact on Utility 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: Not applicable, Tertiary Impact: Not Applicable

Legislative History

Date	Action
none	none

Suggested Council Action

Approve the resolution.