



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: November 18, 2024

Re: Proposed construction of storm water improvements on Bernadette Drive

Executive Summary

This is the public hearing concerning the replacement and improvement of public storm drainage infrastructure on Bernadette Drive. The project location is shown on the attached Location Map. An interested parties meeting was held on November 29, 2023. The 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 Contact Log is attached. The estimate for the storm water project is \$545,000 and will be paid from Storm Water Utility funds.



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Fiscal Impact

Short-Term Impact: \$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
10/21/2024	R178-24 Setting a public hearing: proposed construction of storm water improvements on Bernadette Drive.

Suggested Council Action

Direct staff to proceed with storm water improvements on Bernadette Drive.