



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: September 18, 2023

Re: Authorizing the acquisition of easements for the replacement and improvement of public storm drainage infrastructure on Alan Lane, Boyd Lane, and Oriole Lane

Executive Summary

Staff has prepared for Council consideration an ordinance authorizing the acquisition of easements necessary for the replacement and improvement of public storm drainage infrastructure on Alan Lane, Boyd Lane, and Oriole Lane; Location Map attached. At the public hearing on February 20, 2023, Council authorized the project to proceed.

Discussion

Alan Lane Stormwater Improvement Project, as shown in the attached Project Graphic, will consist of constructing approximately 700 feet of new stormwater pipe and ten (10) stormwater structures.

This project will require the acquisition of seven (7) permanent drainage easements and ten (10) temporary construction easements from ten (10) parcels/property owners. See the attached Easement Project Graphics for individual diagrams of the proposed easements to be acquired.

The existing stormwater system at Boyd Lane and Oriole Lane is in poor condition and there is yard and street flooding. The public system drains to a private, failing storm drain, limiting the City's ability to effectively manage and maintain the storm drainage system. Additionally, at Alan Lane and McKee Street, the property at the southeast corner of the intersection (1612 McKee), takes on stormwater from the south and east. The upstream drainage area has increased impervious area due to developed, causing an increase in the stormwater entering the backyard and causing flooding to the garage. The proposed improvements will address both of these issues. The proposed pipe alignment in Boyd Lane will be within the street pavement per Council direction at the public hearing.

Construction plans are 90% complete, with construction expected in 2024, pending acquisition of these easements. The resolution estimate for this project is \$6750,000 to be paid from Storm Water Utility funds.

Fiscal Impact

Short-Term Impact: The resolution estimate is \$6750,000.

Long-Term Impact: Minimal impact on the Storm Water Utility's annual operating cost.



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Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Reliable 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
02/20/2023	PH6-23 Public Hearing: Proposed replacement and improvement of public storm drainage infrastructure on Alan Lane, McKee Street, Oriole Lane, and Boyd Lane.
01/17/2023	R2-23 Setting a public hearing: proposed replacement and improvement of public storm drainage infrastructure on Alan Lane, McKee Street, Oriole Lane, and Boyd Lane.
07/06/2022	Interested Parties Meeting

Suggested Council Action

Approval of the ordinance.