



Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: May 7, 2018

Re: Resolution setting a Public Hearing for the Hirth Avenue Storm Water Improvement Project

Executive Summary

Staff has prepared for Council consideration a resolution setting a Public Hearing on June 4, 2018, concerning the construction of the Hirth Avenue Storm Water Improvement Project.

The proposed stormwater improvement project will reduce the incidence of structure flooding in the area of 207 and 209 Hirth Avenue. The project will impact two (2) parcels of land along Hirth Avenue. The estimate for this storm water project is \$35,000, and payment shall be paid from Storm Water Utility funds.

Discussion

The properties at 207 and 209 Hirth Avenue (see Exhibit A) currently experience localized flooding during large rain events resulting in storm water next to the house foundations and storm water entering the crawl space of the structures.

A Public Works Capital Improvement project completed in 1990 extended the storm drainage system in the Hirth/Ridgeway area. As part of the project, a 48" RCP pipe, two area inlets, and an overflow swale were installed along the south property line of 207 Hirth Avenue. However, in analyzing current drainage patterns for the area, stormwater from a portion of the drainage area located to the north of 207 Hirth Avenue is unable to access the existing infrastructure and swale. Storm water from this area is instead directed along the north property line of 207 Hirth Avenue to the street and results in localized flooding.

An Interested Parties (IP) meeting was held for the project on April 4, 2018, in which twenty-one (21) properties were invited and nine (9) people attended. Those in attendance seemed generally supportive of the project. Staff has been in contact with all affected property owners to discuss potential alignments and impacts to properties and will continue to do so in the final design stage.

This project will consist of constructing approximately 120 linear feet of storm water pipe and two side opening inlets that will connect to the existing 48" RCP pipe located along the south property line of 207 Hirth Avenue (see Exhibit B). The estimate for this project is \$35,000, which includes design and construction costs.

Fiscal Impact



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Short-Term Impact: The total project cost, including design and construction, is estimated at \$35,000 and will be paid from the Storm Water Utility funds.

Long-Term Impact: It is anticipated that this project will have minimal impact to the Storm Water Utility's annual operating cost.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Public Safety, Secondary Impact: Infrastructure, Tertiary Impact: Not Applicable

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Livable & Sustainable Communities, Tertiary Impact: Not Applicable

Legislative History

Date	Action
04/04/2018	Interested Parties Meeting

Suggested Council Action

Approve the resolution setting a Public Hearing for the Hirth Avenue Storm Water Improvement Project on June 4, 2018.