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: March 16, 2020
Re: Setting a Public Hearing: Proposed construction of the Ross Street Storm Water Improvement Project

Executive Summary

Staff has prepared for Council consideration a resolution setting a public hearing on April 6, 2020, concerning the replacement and improvement of public storm drainage infrastructure on Ross Street. The project location is shown on the attached Location map. The existing storm drainage system is failing and undersized. This project will address a recent major pipe failure. The resolution estimate for this sewer project is $200,000 and will be paid from Storm Water Utility funds.

Discussion

Recently, the existing storm drainage pipe failed at 1508 Ross Street and caused a large hole to form in the driveway of the property. The hole was more than six feet deep and undercut the driveway creating a hazardous situation. The Storm Water Utility maintenance crew has temporarily patched the system and a CCTV inspection shows that the entire pipe across Ross Street is broken and failing. Future failures could impact the street and the safety of pedestrians and drivers. The structure at 1510 Ross Street is located over a portion of the storm drainage pipe; additional pipe failure could impact the stability of the home. In addition to the failing pipe, there are known storm water flooding problems in this area requiring the inlets and pipe to be upgraded and improved. Improvements cannot be completed as maintenance and require the public improvement process be followed, unless an emergency situation arises.

As shown on the attached diagram, the Ross Street Stormwater Improvement Project will consist of constructing approximately 160 feet of new stormwater pipe, three stormwater inlets, and two stormwater structures. The existing stormwater pipe system and two existing inlets will be abandoned in place by filling with grout, or removed. The existing storm drain system is made of vitrified clay pipe (VCP) and is broken and failing. This project will upgrade the storm water system on Ross Street and more closely meet current City criteria for spread and ponding depths in the street.

An Interested Parties (IP) meeting will be held for the project on March 19, 2020.

This project was a portion of the Wilson Ross Storm Water Improvement project that was associated with the PCCE #17 Wilson Ross Sewer Improvement project. Work on those projects was discontinued in 2014 due to lack of cooperation from property owners needing to donate sanitary sewer easements.

The resolution estimate for this sewer project is $200,000 and will be paid from Storm Water Utility funds.

Fiscal Impact

Short-Term Impact: The resolution estimate for this sewer project is $200,000 and will be paid from Storm Water Utility funds.
Long-Term Impact: It is expected that this project will have minimal impact on 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: Environmental Management, Tertiary Impact: Not Applicable

Legislative History

Date	Action
03/19/2020	Interested Parties Meeting
01/21/2014	REP9-14 PCCE #17 Wilson Avenue and Ross Street Sanitary Sewer and Stormwater Improvement Project.
02/18/2013	B45-13(A) Public Hearing: Construction of the Wilson Avenue and Ross Street PCCE # 17 Sewer and Stormwater Improvement Project.
01/22/2013	R11-13 Setting a public hearing: construction of the Wilson Avenue and Ross Street PCCE #17 Sewer and Stormwater Improvement Project.
10/08/2012	Interested Parties Meeting
07/07/2010	Interested Parties Meeting

Suggested Council Action

Approve the resolution setting the Public Hearing for the Ross Street Stormwater Improvement Project on April 6, 2020.