



Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: March 19, 2018

Re: Setting a Public Hearing: Garth at Oak Towers Storm Drain Replacement and North Garth Sewer Replacement Projects

Executive Summary

Staff has prepared for Council consideration, a resolution to set a public hearing for April 16, 2018, concerning the replacement of storm drainage and sanitary sewer infrastructure on Garth Avenue near Oak Towers. The storm drainage system in Garth Avenue in front of Oak Towers is dilapidated and in danger of failing. In addition to the failing storm drainage system, a sanitary sewer main under Garth in the same location is also in poor condition. This project proposes to replace both systems. The project will be funded by Storm Water and Sanitary Sewer Utility funds. The estimated cost of the project is \$710,000.

Discussion

The 10-foot wide by 4-foot tall reinforced concrete box culvert (RCB), under the east side of the Garth Avenue was likely constructed in the 1930's and some of the steel reinforcement in the top of the box is rusted compromising the ability of the box lid to support the pavement above it. The storm drain system at Garth Avenue and Lynn Street is corrugated metal pipe with rusted and failing pipe to be replaced. Replacement of the RCB at this location was included on a list of projects presented to voters in 2015 for the ballot measure which was approved to increase the Storm Water Utility rates.

This work will require the closure of Garth Avenue from Sexton Road to 100 feet north of Worley Street. A 12-inch diameter vitrified clay sanitary sewer main pipe parallels the storm RCB in front of Oak Towers and is in poor condition. The sewer main along North Garth will be replaced while Garth is closed for construction of the storm drainage project.

An Interested Parties (IP) meeting was held for the project on November 15, 2016. The meeting was attended by 5 people (not including staff, Councilperson Ruffin and a reporter), who seemed generally supportive of the project. Replacing the sewer main up to Worley Street was proposed at the IP meeting. Since that time, staff has determined that the existing sewer main from Lynn Street to Worley Street can be lined with a cured in place pipe (CIPP) which is a more cost effective solution for this location and does not require a portion of the street pavement to be removed and replaced, reducing the impact to users of Garth Avenue.

The project cost estimate is \$710,000 of which approximately \$610,000 will be for the storm drainage system replacement and \$100,000 will be for the sanitary sewer replacement.



Fiscal Impact

Short-Term Impact: Construction costs are estimated to be \$710,000; \$610,000 from the Storm Water Utility and \$100,000 from the Sanitary Sewer funds.

Long-Term Impact: It is expected that this project will have minimal impact on either the Storm Water or Sanitary Sewer Utilities' annual operating cost.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Public Safety, Secondary Impact: Infrastructure, Tertiary Impact: Social Equity

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Environmental Management, Tertiary Impact: Livable & Sustainable Communities

Legislative History

Date	Action
11/15/2016	IP Meeting
04/07/2015	Voters approve rate increase for Storm Water Utility.
01/20/2015	(B19-15) Calling special election on April 7, 2015 to authorize an increase in monthly Storm Water Utility charges.

Suggested Council Action

Approve the resolution setting a Public Hearing for Garth at Oak Towers Storm Drain and North Garth Sewer Replacement Projects on April 16, 2018.