



Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: June 17, 2019

Re: Authorizing construction of Garth at Oak Towers Storm Drain Replacement and the North Garth Sewer Replacement Projects and calling for bids through the Purchasing Division.

Executive Summary

Staff has prepared for Council consideration an ordinance authorizing construction and the call for bids through the Purchasing Division for the replacement of a storm drainage conveyance box and a sanitary sewer main under Garth Avenue in front of Oak Towers as shown on the attached diagram. The public hearing for this project was held on April 16, 2018. Funding for these projects has been appropriated under Capital Improvement Projects SS110 and SW511. Total project costs are estimated to be \$730,000.

Discussion

The Garth at Oak Towers Storm Drain Replacement Project (SS110) and North Garth Sewer Replacement Project (SW511) will consist of replacing approximately 310 feet of failing reinforced concrete box (RCB) storm water conveyance and approximately 455 feet of failing sanitary sewer main along with incidental pipes, manholes, junctions, and inlets necessary to renew the infrastructure in the project area. Both the RCB conveyance structure and the sanitary sewer main are at the end of their service lives. The RCB is in danger of failure and the sewer is in poor condition with several sags in the main so that rehabilitation by lining the pipe is a poor option. The RCB replacement project (SS110) was on the list of projects included with the successful storm water ballot in 2015. Due to a very restricted right-of-way corridor and the complicated nature of the work, the project will necessitate the closure of Garth for up to two months.

A Public Hearing was held for this project on April 16, 2018. The budget for this project is \$835,000, \$685,000 for the storm water portion and \$150,000 for the sewer portion. At the time of the public hearing, the project was estimated to cost \$710,000. Now that the final construction plans are complete, the total estimated project cost is \$730,000 or \$20,000 (2.8%) more than the estimate provided at the public hearing due to anticipated cost increases for reinforcing steel in the concrete box and pavement. This is within the \$835,000 budget for the project

Fiscal Impact

Short-Term Impact: The project budget is \$835,000; the project is estimated to cost \$730,000.
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
02/18/19	B36-19 Authorizing the acquisition of certain interests in real property for construction of the Garth at Oak Towers Storm Drain Replacement and North Garth Sewer Replacement Projects
04/16/2018	PH11-18 Public Hearing: Proposed replacement of storm drainage and sanitary sewer infrastructure along a portion of Garth Avenue north of Lynn Street.
03/19/2018	R37-18 Setting a public hearing: proposed replacement of storm drainage and sanitary sewer infrastructure along a portion of Garth Avenue north of Lynn Street.
11/15/2016	Interested Parties 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 ordinance authorizing the construction and the call for bids through the Purchasing Division for the Garth at Oak Towers Storm Drain Replacement and North Garth Sewer Replacement Projects.