



Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: November 18, 2019

Re: Public Hearing – Proposed construction of the Quail Drive Storm Water Improvement Project

Executive Summary

This is the public hearing for the Quail Drive Storm Water Improvement Project. The project location is shown on the attached Location Map. The storm drainage system on Quail Drive is undersized and the existing corrugated metal pipes are rusted through. This proposed project will address street flooding and maintenance issues with regard to sinkholes due to failing stormwater pipes. A sanitary sewer main will be relocated to provide adequate clearance for the new stormwater pipe.

This storm water project was on the list of projects identified to be funded as part of the rate increase approved by the storm water ballot in 2015. The cost estimate for the project is \$525,000, and payment shall come from Storm Water Utility funds.

Discussion

As shown on the Proposed Plan diagram, the Quail Drive Storm Water Improvement Project will consist of constructing approximately 770 feet of new storm water pipe, seven storm water inlets, and two storm water structures. The existing storm water pipe system including two inlets will be abandoned and/or removed. The existing storm drain system is made of corrugated metal pipe (CMP) which has rusted through and past its useful effective life. There is significant erosion at the outlet pipe, compromising the integrity of the embankment and creating sinkholes. This project will expand the storm system in order to meet current City criteria for storm water runoff spread and ponding depths in the street. The project also includes relocation of approximately 210 feet of gravity sewer main and two sanitary sewer structures to accommodate the larger storm water pipe within the existing utility easement.

In February 2007, Council authorized a preliminary study to determine the scope of work on the project. The Preliminary Engineering Study was completed by Larkin Group in June 2007. Shortly after 2007, funding for all storm water capital improvement projects stopped due to lack of funds. In 2015, voters approved a storm water rate increase to fund storm water capital improvement projects such as this one. An Interested Parties (IP) meeting was held for the project on August 7, 2019. The meeting was attended by two property owners who voiced their support of the project.

The resolution estimate for this project is \$525,000.



Fiscal Impact

Short-Term Impact: The resolution estimate is \$525,000 and will be paid from the Storm Water Utility 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: Infrastructure, Secondary Impact: Public Safety, Tertiary Impact: Not Applicable

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Environmental Management, Tertiary Impact: Not Applicable

Legislative History

Date	Action
11/04/2019	R156-19 Setting a public hearing: proposed construction of the Quail Drive storm water improvement project
08/07/2019	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.
02/05/2007	R28-07 Council authorizes an agreement with the Larkin Group for Quail Drive storm drainage study

Suggested Council Action

Direct staff to proceed with the Quail Drive Storm Water Improvement Project.