

Utility Capital Projects

Department Public Works	Project Title Walker Branch Interceptor Project	Project Number UT1607
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Project Description

As the Transit Orientated Development (TOD) areas begin to develop it is becoming apparent that the city's existing sanitary sewer system needs to be upgraded. The Walker Branch Interceptor Project will consists of sanitary sewer improvements. Section one of the project will consists of increasing the sizes of the lines from 6-inch, 8-inch, and 10-inch to an 8-inch, 12-inch and a 15-inch respectively from Smithfield Road along Main Street to the Walker Creek and Mid-Cities Boulevard confluence. The total length of sewer line for this section is approximately 5,500 feet. Section two consists of replacing an 18"inch and 21-inch line with a 27-inch sewer line. The approximate length of this section of the project is 4,100 feet.

Project Justification

As the 27 mile Tex Rail Project gets closer to completion there has been more and more interest from private developers in the NRH Transit Oriented Development (TOD) Districts. Staff has reviewed several development plans proposed for these districts. One thing that staff is discovering is that some of the sanitary sewer lines are undersized for the higher density developments being proposed. This is especially true in the Smithfield TOD where prior to the proposed rail station this area was always planned for a lower density. In this situation a portion of the sewer upgrade in the Smithfield area is on the city's long term CIP plan but will now need to be constructed sooner than we had originally planned and one portion is a direct result of the development of the TOD. Funding sources are split roughly 50/50 from the impact fees (listed as other) and utility fees (listed as reserves).

Project Schedule	Beginning Date	Ending Date	Budget History
Professional Services			
Engineering/Design	7/1/2016	4/1/2017	-
Land/ROW Acquisition			-
Construction			-
Other			-
Total Project			Total Project Costs \$ -

Sources of Funds	To Date	2015-16 Proposed	2016-17 Estimated	2017 to Completion	Total Amount
General Obligation Bonds					-
Certificate of Obligation					-
Federal/State Grants					-
Reserves		216,525			2,416,525
Sales Tax					-
Other (Impact Fees)		200,000			200,000
Total Funding	\$ -	\$ 416,525	\$ -	\$ -	\$ 2,616,525
Total Project Costs					
Professional Services					-
Engineering/Design		416,525			416,525
Land/ROW Acquisition					-
Construction					-
Other					-
Total Costs	\$ -	\$ 416,525	\$ -	\$ -	\$ 416,525

Impact on Operating Budget

No operating impact is anticipated.

Estimated Annual	2015-16	2016-17	2017-18	2018-19	5-Year Total
Operating Impact	-	-	-	-	\$ -