

PROJECT: Bee Creek Parallel Trunk Line **PROJECT #:** WF1369909
FUND(S): Wastewater Capital Projects **PROJECT BUDGET:** SCWOC \$14,295,000
PROJECT MANAGER: Ramiro Martinez **FUNDING SOURCES:** Long Term Debt/Utility Revenue
PROJECT CLIENT: Water Services

PROJECT DESCRIPTION
The existing Bee Creek Trunkline sub-basin currently serves areas along FM2818, from areas north of Wellborn Road, to the Carters Creek Wastewater Treatment Plant. Much of the existing trunkline was constructed in 1973 and was shown to have several surcharging line segments in the 2011 HDR Sanitary Sewer Collection System Master Plan Update. This project will install a gravity line to increase the system capacity of the Bee Creek Trunkline sub-basin to accept the ultimate build-out demand anticipated in this respective area. This trunkline capacity increase is necessary to proactively prevent surcharge events, possible fines from TCEQ, and customer service disruptions.

PROJECT SCOPE
Design, bidding, and construction of the Bee Creek Relief Line will include:
Approximately 28,000LF Of Gravity Sanitary Sewer Main Ranging In Size From 18-inch to 42-inch
Phase 1 will extend from Welsh to Texas Avenue.
Phase 2 will extend from SHWY 6 to Carters Creek Wastewater treatment plant
Phase 3 will extend from Welsh / 2818 across Wellborn Road to the end of Paloma Ridge (this phase is expected to occur in FY23 or later)
Phase 4 will extend from Welsh / 2818

PROJECT CALENDAR OF EXPENDITURES BY FISCAL YEAR						
FISCAL YEAR	Land	Design/Eng	PW Staff Time	Construction	Misc	Project Total
Prior Years	23,430	1,007,297	3,974	2,555,673	61,933	3,652,308
2016-17	189,000	150,000	40,000	3,847,500	-	4,226,500
2017-18	20,000	150,000	32,000	2,218,250	-	2,420,250
2018-19	16,958	150,000	30,000	2,807,250	-	3,004,208
2019-20						-
2020-21						-
2021-22						-
2022-23						-
Future Years		100,153	34,086	857,496	-	991,735
PROJECT TOTAL	\$ 249,388	\$ 1,557,450	\$ 140,060	\$ 12,286,169	\$ 61,933	\$ 14,295,000

ESTIMATED OPERATIONS AND MAINTENANCE COSTS		
	First Fiscal Year One Time Costs	Estimated Annual Recurring Cost
Personnel (Salaries/Benefits)		
Supplies		
Maintenance		
Professional Services		
Purchased Services		
Capital Outlay		
TOTAL	\$ -	-



PROJECT STATUS AS OF: January 1, 2017
Phase 2 to start construction in March 2017. Phase 3 is in land acquisition. Phase 4 on hold

PROJECT ESTIMATE:
Design: \$1,544,250
Land Acquisition: \$250,000
Construction: \$12,379,979
Staff Time: \$216,650
Total Project Estimate \$14,390,879