

CIP Number: 260500
Old CIP No.: 1409
Project Title: CSO Outfall Rehabilitation

Project Status: Future Planned
Budget: Wastewater
Classification Lvl 1: Wastewater
Classification Lvl 2: SCC
Classification Lvl 3: Interceptors
Project Location: Multiple Counties

- Innovation
- Water MP Right Sizing
- Reliability/Redundancy

Project Score 72.8



Sewer tap piping in B009 outfall (left) and sludge buildup and poor masonry in B007 outfall (right)

Project Significance: PROJECTS 222006 AND 233001 HAVE BEEN INCORPORATED INTO THIS PROJECT. Rehabilitation of the CSO outfalls is essential to properly discharge the uncontrollable combined sewer overflows to the receiving waters and to prevent sewer back up into the Conveyance System. Recent inspections of the outfalls revealed structural deficiencies like fractures, missing mortar from bricks etc. There are sediment and debris deposits in many of them.

Project Engineer/Manager: Mini Panicker
Manager: Biren Saparia

Scope of Work: Preliminary Scope of Work of the project is construction. Contract CS-168 will review the existing records, evaluate the existing conditions, and provide the necessary design to rehabilitate the outfalls.

Challenges: Some outfalls are below the river elevation; rehabilitation may be challenging.

Phase Expenses

PHASE	Construction				Contract No	NA	Phase Status	Future Planned Start
Phase Title	Collection System Backwater Gates, Regulator Gates Rehabilitation and CSO Access Hatch Improvements							
Phase Total	FY18	FY19	FY20	FY21	FY22	FY23	FY24 and Beyond	
	0	6	2,825	7,845	5,824			

PHASE	Construction				Contract No	NA	Phase Status	Future Planned Start
Phase Title	Unallocated General CSO Outfall Rehabilitation							
Phase Total	FY18	FY19	FY20	FY21	FY22	FY23	FY24 and Beyond	
	0	501	1,001	2,156	4,177	10,001	10,001	

FY18-Proj	FY19-Proj	FY20-Proj	FY21-Proj	FY22-Proj	FY23-Proj	FY24 and Beyond
0	507	3,826	10,001	10,001	10,001	10,001

Phase Tasks and Dates

Phase Category	C	Construction			
Budget	Wastewater				
Phase Status	Future Planned Start	Task Name	Start Date	Duration	End Date

CIP Number: 260500

Contract No	NA	Task Name	Start Date	Duration	End Date
Cost Est Class		Procurement	9/30/2018	546	3/29/2020
		Project Execution	3/29/2020	730	3/29/2022
		Project Closeout	3/29/2022	90	6/27/2022

Phase Category	C	Construction
Budget	Wastewater	
Phase Status	Future Planned Start	
Contract No	NA	
Cost Est Class		

Total Project Expenses (in \$1,000s) Comparison to Prior Year CIP

CIP Version	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	Total
2018			6,000	6,000	6,000	6,000	6,000	6,000		36,000
2019			0	507	3,826	10,001	10,001	10,001	10,001	44,337

Description of CIP Changes

Previous projected expenses from the 2018-2022 CIP for project 222006 are already included in the 2018 values below. An additional \$7,197 was moved from CIP 222005 into this program and \$9,301 moved from CIP 233001 into this ongoing program. This accounts for the perceived increase of \$16,498. In summary, all three projects (222005, 222006 & 233001) are now included in the Program and projected expenditures have remained the same.