

SWM Facilities Improvement: FY26-FY30

Overview

Request Owner	Diron Baker, Senior Civil Engineer
Department	Public Works
Type	Capital Improvement
Project Number	SC26

Description

This multi-site sustainable program assesses, designs, rehabilitates, constructs, decommissions, and maintains stormwater management (SWM) facilities. These projects improve water quality, aesthetics, and flood control; promote wildlife; and restore facility function. Projects are identified and prioritized through planning and the city pond sedimentation study.

Images



Example of sedimentation and reduced capacity

Details

Guiding Principle: Stewardship of the Environment and Infrastructure

Mandate/Plan: Climate Action Plan; NPDES Permit; Comprehensive Plan; 2010 Chesapeake Bay TMDL; 2007 SWM Act; 1972 Clean Water Act

Anticipated Project Outcome: Enhancement of SWM facility function and reduction in TMDL pollutant loads.

Changes from Previous Year: Historical budget increased by \$2,317,539 due to the transfer of unobligated funding from the prior 5-year portion of this project. Added FY 2031 projects and funding.

Project Manager: Diron H. Baker, Senior Civil Engineer, 240-314-8533.

Notes: This project is considered a routine capital maintenance project and is funded in five year increments. FY 2027 work includes forebay dredging of Horizon Hill Park -Longhill, Hungerford-Stoneridge, and King Farm - Irvington SW Facilities; and the rehabilitation design of Aintree SW Facility. Projects are prioritized based upon sustainability of SWM facilities to ensure compliance with regulatory standards and functionality.

Capital Cost

FY2027 Budget
\$1.09M

Total Budget (all years)
\$8.13M

Project Total (to date)
\$11.5M

Detailed Breakdown

Category	Historical Budgeted	FY2027 Requested	FY2028 Requested	FY2029 Requested	FY2030 Requested	FY2031 Requested	Future Budgeted	Total
Construction (SWM Fund)	\$2,631,084	\$744,000	\$1,350,000	\$1,250,000	\$1,290,500	\$1,950,000	\$0	\$9,215,584
Design (SWM Fund)	\$728,455	\$350,000	\$100,000	\$350,000	\$475,000	\$275,000	\$0	\$2,278,455
Total	\$3,359,539	\$1,094,000	\$1,450,000	\$1,600,000	\$1,765,500	\$2,225,000	\$0	\$11,494,039

Funding Sources

FY2027 Budget
\$1.09M

Total Budget (all years)
\$8.13M

Project Total (to date)
\$11.5M

Detailed Breakdown

Category	Historical Budgeted	FY2027 Requested	FY2028 Requested	FY2029 Requested	FY2030 Requested	FY2031 Requested	Future Budgeted	Total
PayGo (SWM Fund)	\$3,359,539	\$1,094,000	\$1,450,000	\$1,600,000	\$1,765,500	\$2,225,000	\$0	\$11,494,039
Total	\$3,359,539	\$1,094,000	\$1,450,000	\$1,600,000	\$1,765,500	\$2,225,000	\$0	\$11,494,039

Project Timeline

- **07/1/2025**
Design and Construction Start (FY 2026)
- **07/1/2029**
Design and Construction Completion (FY 2030)