



# Outfall Repairs

(P509948)

Category	Conservation of Natural Resources	Date Last Modified	01/06/24
SubCategory	Storm Drains	Administering Agency	Transportation
Planning Area	Countywide	Status	Ongoing

## EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY23	Est FY24	Total 6 Years	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Beyond 6 Years
Planning, Design and Supervision	6,494	3,426	698	2,370	385	397	397	397	397	397	-
Land	12	12	-	-	-	-	-	-	-	-	-
Construction	10,464	5,590	1,100	3,774	614	632	632	632	632	632	-
Other	3	3	-	-	-	-	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>16,973</b>	<b>9,031</b>	<b>1,798</b>	<b>6,144</b>	<b>999</b>	<b>1,029</b>	<b>1,029</b>	<b>1,029</b>	<b>1,029</b>	<b>1,029</b>	<b>-</b>

## FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY23	Est FY24	Total 6 Years	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Beyond 6 Years
Current Revenue: Water Quality Protection	3,934	1,324	499	2,111	999	-	278	278	278	278	-
G.O. Bonds	5,357	5,357	-	-	-	-	-	-	-	-	-
Long-Term Financing	1,148	1,148	-	-	-	-	-	-	-	-	-
Water Quality Protection Bonds	6,534	1,202	1,299	4,033	-	1,029	751	751	751	751	-
<b>TOTAL FUNDING SOURCES</b>	<b>16,973</b>	<b>9,031</b>	<b>1,798</b>	<b>6,144</b>	<b>999</b>	<b>1,029</b>	<b>1,029</b>	<b>1,029</b>	<b>1,029</b>	<b>1,029</b>	<b>-</b>

## APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 25 Request	2,028	Year First Appropriation	FY99
Appropriation FY 26 Request	-	Last FY's Cost Estimate	14,525
Cumulative Appropriation	10,829		
Expenditure / Encumbrances	9,957		
Unencumbered Balance	872		

## PROJECT DESCRIPTION

This project provides for the repair of existing storm drain outfalls into stream valleys. Design of corrective measures is included when in-kind replacement of original outfall structures is not feasible. Candidate outfall repairs are selected from citizen and public agency requests. The Department of Environmental Protection's (DEP) Miscellaneous Stream Valley Improvements project generates and assists in rating the outfalls, which are identified as that project expands into additional watersheds.

## COST CHANGE

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The funding level for this project has been increased to account for inflation and to add FY29 and FY30 to this on-going program.

## PROJECT JUSTIFICATION

Collapsed storm drain pipe sections, undermined endwalls, and eroded outfall channels create hazardous conditions throughout the County. The course of drainage could be altered, endangering private property or public roads and speeding the erosion of stream channels. Erosion from damaged outfalls results in heavy sediment load being carried downstream that can severely impact aquatic ecosystems and exacerbate existing downstream channel erosion. As part of its watershed restoration inventories, DEP identifies storm drain outfalls that are in need of repair in County stream valleys and respective watersheds. As this program expands to include additional watersheds, each outfall is categorized and, where damaged, rated. A functional rating and evaluation process is used to prioritize each outfall.

## OTHER

The number of outfall locations being repaired per year varies based on the severity of the erosion and damage, the complexity of the design, and the complexity of the needed restorative construction work. Completed outfalls in FY22-23: Georgian Forest Park, Crosby Road, Vandever Street, and Littleton Street. Potential outfall projects FY24-25: Garrett Park Road, Lily Stone Drive, Howard Avenue, MacArthur Boulevard, and Kerry Court.

## FISCAL NOTE

Funding switches in FY25 to fund all programmed spending in this fiscal year with Current Revenue: Water Quality Protection Charge (CR: WQPC) and in FY26 to fund all programmed spending with Water Quality Protection Bonds (WQPC Bonds). In FY23-FY28, long-term financing based on the Maryland Water Quality Revolving Loan Fund (WQRLF) from the Maryland Department of Environment (MDE) was replaced with WQP Bonds due to limited eligibility of projects within this CIP under the revolving fund. FY22 amendment to reduce Long-Term Financing and replace it with WQP Bonds. FY23 funding switch between Long-Term Financing and CR: WQPC to fund expenditures incurred in FY19 under the MDE loan that will not materialize and reprogramming of expenditures originally under CR: WQPC with WQP Bonds.

## DISCLOSURES

A pedestrian impact analysis has been completed for this project. Expenditures will continue indefinitely.

## COORDINATION

Montgomery County Department of Environmental Protection, Maryland-National Capital Park and Planning Commission, Maryland Department of the Environment, United States Army Corps of Engineers, Montgomery County Department of Permitting Services, Utility Companies, and Miscellaneous Stream Valley Improvements (CIP No. 807359).