

Misc Stream Valley Improvements (P807359)

Category Conservation of Natural Resources
 Sub Category Stormwater Management
 Administering Agency Environmental Protection (AAGE07)
 Planning Area Countywide

Date Last Modified 5/3/13
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY12	Rem FY12	Total 6 Years	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	Beyond 6 Yrs
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EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	6,821	797	729	5,295	1,025	1,025	1,025	740	740	740	0
Land	42	0	42	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	14,846	1,178	2,507	11,161	2,631	2,045	2,045	1,480	1,480	1,480	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	21,709	1,975	3,278	16,456	3,656	3,070	3,070	2,220	2,220	2,220	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	288	288	0	0	0	0	0	0	0	0	0
State Aid	8,354	255	1,513	6,586	1,586	1,000	1,000	1,000	1,000	1,000	0
Stormwater Management Waiver Fees	233	0	233	0	0	0	0	0	0	0	0
Water Quality Protection Bonds	12,150	1,252	1,028	9,870	2,070	2,070	2,070	1,220	1,220	1,220	0
Water Quality Protection Charge	684	180	504	0	0	0	0	0	0	0	0
Total	21,709	1,975	3,278	16,456	3,656	3,070	3,070	2,220	2,220	2,220	0

OPERATING BUDGET IMPACT (\$000s)

Maintenance				350	0	5	25	60	105	155	
Net Impact				350	0	5	25	60	105	155	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 14	2,070
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		8,909
Expenditure / Encumbrances		2,753
Unencumbered Balance		6,156

Date First Appropriation	FY 73
First Cost Estimate	
Current Scope	FY 13
Last FY's Cost Estimate	21,123
Partial Closeout Thru	13,706
New Partial Closeout	1,687
Total Partial Closeout	15,393

Description

This project provides for design and construction of habitat restoration or stabilization measures for stream reaches having severe channel erosion, sedimentation, and habitat degradation. Developed areas constructed without modern stormwater controls contribute uncontrolled runoff which results in severely eroded streambanks, excessive sediment, tree loss, and degraded habitat for fish and aquatic life. Stormdrain outfalls damaged from severe erosion are identified and assessed in the project areas. Where possible, the outfalls are repaired as part of stream restoration projects and are funded from the Outfall Repairs project (No. 509948). When feasible, outfall discharges are redirected to create small constructed wetlands which provide new habitat and mitigate discharge impacts. Impacts to the stream also adversely affect sanitary sewer crossings by exposing sewer lines and manholes. These exposed and damaged sewer lines can be fish barriers and leak raw sewage into streams or allow infiltration of stream baseflow into the sewer system, potentially causing substantial increases in wastewater treatment costs.

Cost Change

Project cost change is due to scope changes to accommodate site conditions and higher project costs.

Justification

The project supports the requirements of the MS4 permit and addresses the goals of the Chesapeake Bay Tributary Strategy Initiatives, Anacostia Watershed Restoration Agreement, and the County's adopted water quality goals (Chapter 19, Article IV). The project will stabilize and improve local stream habitat conditions where streams have been damaged by inadequately controlled stormwater runoff. Corrective measures constructed or coordinated under this project include stream bank stabilization, channel modifications, habitat restoration, storm drain outfall or sanitary sewer infrastructure repairs to improve fish and other biological resources, while reducing sediment and nutrient loadings caused by excessive streambank erosion. The Facility Planning: SM project (No. 809319) includes funds for watershed studies and identifies and prioritizes stream reaches in need of restoration and protection.

Other

The Department of Environmental Protection identifies damaged sewer lines as part of this project, and the Washington Suburban Sanitary Commission makes sewer repairs during project construction. Projects planned for design and construction include Donnybrook Tributary, Hollywood Branch I, Breewood, Bedfordshire and Fallsreach, Muddy Branch I, Great Seneca (GSGN 205), Stonybrook Tributary, Snakeden Branch II and Whetstone Run.

Fiscal Note

The supplemental State Aid appropriation is based on a letter of commitment the County received from the State of Maryland.

Disclosures

Expenditures will continue indefinitely.

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The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Department of Transportation , Maryland-National Capital Park and Planning Commission, Washington Suburban Sanitary Commission, Department of Permitting Services, Maryland Department of the Environment, Maryland Department of Natural Resources