

# Misc Stream Valley Improvements -- No. 807359

Category  
Subcategory  
Administering Agency  
Planning Area

Conservation of Natural Resources  
Stormwater Management  
Environmental Protection  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

January 10, 2012  
No  
None.  
On-going

## EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	6,821	497	1,029	5,295	1,025	1,025	1,025	740	740	740	0
Land	42	2	40	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	14,260	293	3,392	10,575	2,045	2,045	2,045	1,480	1,480	1,480	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>21,123</b>	<b>792</b>	<b>4,461</b>	<b>15,870</b>	<b>3,070</b>	<b>3,070</b>	<b>3,070</b>	<b>2,220</b>	<b>2,220</b>	<b>2,220</b>	<b>*</b>

## FUNDING SCHEDULE (\$000)

G.O. Bonds	288	288	0	0	0	0	0	0	0	0	0
State Aid	7,768	0	1,768	6,000	1,000	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	0	2,280	9,870	2,070	2,070	2,070	1,220	1,220	1,220	0
Water Quality Protection Charge	684	504	180	0	0	0	0	0	0	0	0
<b>Total</b>	<b>21,123</b>	<b>792</b>	<b>4,461</b>	<b>15,870</b>	<b>3,070</b>	<b>3,070</b>	<b>3,070</b>	<b>2,220</b>	<b>2,220</b>	<b>2,220</b>	<b>0</b>

## OPERATING BUDGET IMPACT (\$000)

Maintenance				350	0	5	25	60	105	155	
<b>Net Impact</b>				<b>350</b>	<b>0</b>	<b>5</b>	<b>25</b>	<b>60</b>	<b>105</b>	<b>155</b>	

### 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 partial State Aid appropriation is based on a letter of commitment the County received from the State of Maryland. While the State has indicated a desire to increase funding for stormwater management projects, this will require state legislative action. Until this legislation is enacted, only committed state funding has been appropriated.

### OTHER DISCLOSURES

- 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.

- \* Expenditures will continue indefinitely.

### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY73	(\$000)
First Cost Estimate	FY13	21,123
Current Scope		
Last FY's Cost Estimate		10,833
Appropriation Request	FY13	2,570
Appropriation Request Est.	FY14	2,070
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		5,253
Expenditures / Encumbrances		3,164
Unencumbered Balance		2,089
Partial Closeout Thru	FY10	13,706
New Partial Closeout	FY11	0
Total Partial Closeout		13,706

### COORDINATION

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

### MAP

