

# SM Retrofit: Countywide (P808726)

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

Date Last Modified 11/17/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Ongoing

	Total	Thru FY14	Rem FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
--	-------	-----------	----------	---------------	-------	-------	-------	-------	-------	-------	--------------

### EXPENDITURE SCHEDULE (\$000s)

	Total	Thru FY14	Rem FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
Planning, Design and Supervision	77,136	5,046	5,224	66,866	10,510	9,276	10,760	11,280	12,300	12,740	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	85,496	1,327	4,565	79,604	8,216	13,692	12,648	12,452	15,396	17,200	0
Other	12	12	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>162,644</b>	<b>6,385</b>	<b>9,789</b>	<b>146,470</b>	<b>18,726</b>	<b>22,968</b>	<b>23,408</b>	<b>23,732</b>	<b>27,696</b>	<b>29,940</b>	<b>0</b>

### FUNDING SCHEDULE (\$000s)

Federal Aid	-263	0	0	-263	0	-263	0	0	0	0	0
Federal Stimulus	299	0	299	0	0	0	0	0	0	0	0
State Aid	24,152	0	4,490	19,662	3,500	2,162	3,500	3,500	3,500	3,500	0
Water Quality Protection Bonds	132,962	6,385	5,000	121,577	15,226	17,462	18,021	20,232	24,196	26,440	0
Water Quality Protection Charge	5,494	0	0	5,494	0	3,607	1,887	0	0	0	0
<b>Total</b>	<b>162,644</b>	<b>6,385</b>	<b>9,789</b>	<b>146,470</b>	<b>18,726</b>	<b>22,968</b>	<b>23,408</b>	<b>23,732</b>	<b>27,696</b>	<b>29,940</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000s)

Maintenance				90	0	6	12	18	24	30
<b>Net Impact</b>				<b>90</b>	<b>0</b>	<b>6</b>	<b>12</b>	<b>18</b>	<b>24</b>	<b>30</b>

### APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 16	21,777
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		49,805
Expenditure / Encumbrances		15,622
Unencumbered Balance		34,183

Date First Appropriation	FY 87	
First Cost Estimate		
Current Scope	FY 16	162,644
Last FY's Cost Estimate		166,690
Partial Closeout Thru		23,155
New Partial Closeout		6,385
Total Partial Closeout		29,540

## Description

This project provides for the design and construction of new and/or upgrades of existing underperforming stormwater management facilities and devices under the County's Municipal Separate Storm Sewer System (MS4) permit as detailed in the draft Montgomery County Coordinated Implementation Strategy (CCIS). Compliance with the MS4 permit requires controlling 20 percent of impervious surfaces, or approximately 4,300 impervious acres, not currently treated to the maximum extent practicable to address the approved Total Maximum Daily Loads (TMDLs). Inventories of candidate projects have been conducted under the Facility Planning: SM project (PDF No. 809319) for the County's ten watersheds (Paint Branch, Rock Creek, Cabin John Creek, Hawlings River, Watts Branch, Great Seneca, Muddy Branch, Sligo Creek, Little Paint Branch, and Northwest Branch). Some of the most complex projects constructed under this project are assessed, and the preliminary plans are completed in the Facility Planning: SM project (No. 809319). Where feasible, the projects integrate wetland and habitat features consistent with the goals of the Chesapeake Bay 2000 Agreement. In small drainage areas, retrofit projects may also include biofiltration, bioretention, or stormwater filtering devices.

## Cost Change

Increase due to the addition of FY19 and FY20 to this ongoing project and adjustments for prior project delays. Costs have also been offset by capitalization of prior expenditures.

## Justification

This project is needed to comply with the new MS4 permitting requirements outlined in the County Coordinated Implementation Strategy (CCIS) and to implement the County's adopted water quality goals (Chapter 19, Article IV) and protect habitat conditions in local streams. In addition, the project supports the goals of the Chesapeake Bay tributary strategy initiatives and the Anacostia Watershed Restoration Agreement.

## Other

Projects in design and construction include projects located in the Rock Creek Watershed, Watts Branch Watershed, Great Seneca Creek Watershed, Muddy Branch Watershed, Cabin John Creek Watershed, and Anacostia River Watershed.

## Fiscal Note

While the State of Maryland has indicated a desire to provide funding, all indicated State Aid is preliminary and not committed. Funding may need to be revised based on actual State Aid commitments. In FY16 and FY17, funding from the Water Quality Protection Charge replaced Water Quality Protection Bonds and unrealized Federal and State Aid. A technical correction to allocate costs to the correct federal funding sources that have already been partially closed out results in a negative federal aid figure.

## Disclosures

## SM Retrofit: Countywide (P808726)

Expenditures will continue indefinitely.

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, Department of Permitting Services, Maryland Department of the Environment, Natural Resources Conservation Service, U.S. Army Corps of Engineers, Facility Planning: SM (No. 809319), Maryland Department of Natural Resources.