

# SM Retrofit: Countywide (P808726)

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

Date Last Modified 5/5/16  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	56,703	5,381	9,668	41,654	7,841	8,686	6,781	6,669	5,842	5,835	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	69,846	1,740	11,980	56,126	14,098	10,539	12,644	11,331	3,812	3,702	0
Other	29	29	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>126,578</b>	<b>7,150</b>	<b>21,648</b>	<b>97,780</b>	<b>21,939</b>	<b>19,225</b>	<b>19,425</b>	<b>18,000</b>	<b>9,654</b>	<b>9,537</b>	<b>0</b>

### FUNDING SCHEDULE (\$000s)

Federal Aid	0	0	0	0	0	0	0	0	0	0	0
Federal Stimulus	0	0	0	0	0	0	0	0	0	0	0
State Aid	13,937	38	1,899	12,000	2,000	2,000	2,000	2,000	2,000	2,000	0
Water Quality Protection Bonds	105,015	7,112	15,467	82,436	16,595	17,225	17,425	16,000	7,654	7,537	0
Water Quality Protection Charge	7,626	0	4,282	3,344	3,344	0	0	0	0	0	0
<b>Total</b>	<b>126,578</b>	<b>7,150</b>	<b>21,648</b>	<b>97,780</b>	<b>21,939</b>	<b>19,225</b>	<b>19,425</b>	<b>18,000</b>	<b>9,654</b>	<b>9,537</b>	<b>0</b>

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

Maintenance				56	14	11	13	11	4	4
<b>Net Impact</b>				<b>56</b>	<b>14</b>	<b>11</b>	<b>13</b>	<b>11</b>	<b>4</b>	<b>4</b>

### APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	8,918
Appropriation Request Est.	FY 18	17,471
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		65,197
Expenditure / Encumbrances		17,496
Unencumbered Balance		47,701

Date First Appropriation	FY 87
First Cost Estimate	
Current Scope	FY 17 126,578
Last FY's Cost Estimate	162,644

#### 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 3,777 impervious acres, not currently treated to the maximum extent practicable. 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 Agreement. In small drainage areas, retrofit projects may also include biofiltration, bioretention, or stormwater filtering devices.

#### Cost Change

Cost decreases reflect anticipated implementation schedule including the addition of FY21 and FY22 partially offset by capitalization of prior expenditures.

#### Justification

This project is needed to comply with the County's 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 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 FY17, funding from the Water Quality Protection Charge replaced some funding previously allocated to Water Quality Protection Bonds. Expenditures in the outyears include expected costs to meet the requirements of the County's next MS4 permit. The scope of the next permit is subject to negotiation with the Maryland Department of Environment. Expenditures also include activities associated with increased emphasis on Green Infrastructure methods in MS4 projects.

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### **Disclosures**

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.