

# SM Facility Major Structural Repair -- No. 800700

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 08, 2010  
No  
None.  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	3,425	252	398	2,775	390	405	480	495	495	510	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	8,825	1,237	1,113	6,475	910	945	1,120	1,155	1,155	1,190	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>12,250</b>	<b>1,489</b>	<b>1,511</b>	<b>9,250</b>	<b>1,300</b>	<b>1,350</b>	<b>1,600</b>	<b>1,650</b>	<b>1,650</b>	<b>1,700</b>	<b>*</b>

### FUNDING SCHEDULE (\$000)

Water Quality Protection Bonds	9,250	0	0	9,250	1,300	1,350	1,600	1,650	1,650	1,700	0
Water Quality Protection Charge	3,000	1,489	1,511	0	0	0	0	0	0	0	0
<b>Total</b>	<b>12,250</b>	<b>1,489</b>	<b>1,511</b>	<b>9,250</b>	<b>1,300</b>	<b>1,350</b>	<b>1,600</b>	<b>1,650</b>	<b>1,650</b>	<b>1,700</b>	<b>0</b>

#### DESCRIPTION

This project provides for the design and construction of major structural repairs to County-maintained stormwater management facilities. The County is responsible for structural maintenance of over 1,700 stormwater management facilities to keep the facilities operating safely and as hydrologically intended for flood and erosion control and pollutant removal. Older stormwater facilities require more extensive maintenance as ponds fill with sediment, pipes rust, concrete structures crack and deteriorate, and dam embankments develop leaks. Major storms such as hurricanes can also cause extensive damage to stormwater management facilities. Such problems require extensive engineering analysis and design, necessitate the use of heavy construction equipment, and take many months to design and repair.

#### COST CHANGE

Increase FY11-12 costs to provide for repairs to County-maintained stormwater management facilities affected by construction of the Inter-County Connector (ICC). This will allow the Department of Environmental Protection to take advantage of a one-time opportunity for savings and other benefits by coordinating these repairs with the simultaneous retrofit of stormwater ponds by the Maryland State Highway Administration as part of ICC construction. Increase FY13-16 for program growth due to the age of the stormwater management facilities in the program and the addition of FY15 and FY16 to this ongoing project.

#### JUSTIFICATION

This project provides for major structural repairs. It is limited to funding repairs at those few, generally large, facilities that require extensive engineering design and permitting that cannot be accomplished within a single fiscal year due to the time required to obtain State and Federal permits. Regularly recurring maintenance and limited repair work, which can be achieved within a shorter time frame and have estimated repair costs of less than \$25,000, are funded through the Water Quality Protection Fund in the operating budget.

#### OTHER

FY11 projects include: Montgomery Autopark, Brookville Department of Transportation Depot, Hunters Woods/Blue Smoke Court, and Gunners Lake. FY12 projects include: B'Nai Israel, Colony Pond, and Lake Whetstone.

#### FISCAL NOTE

Programmed Water Quality Protection Charge revenue replaced with Water Quality Protection Bonds.

#### OTHER DISCLOSURES

- \* Expenditures will continue indefinitely.

#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY07	(\$000)
First Cost Estimate	FY11	12,250
Current Scope		
Last FY's Cost Estimate		7,400
Appropriation Request	FY11	1,300
Appropriation Request Est.	FY12	1,350
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,000
Expenditures / Encumbrances		1,987
Unencumbered Balance		1,013
Partial Closeout Thru	FY08	0
New Partial Closeout	FY09	0
Total Partial Closeout		0

#### COORDINATION

Department of Transportation  
Maryland-National Capital Park and Planning Commission  
Department of Permitting Services  
Homeowners Associations  
Montgomery County Public Schools  
Department of General Services

#### MAP

