

Facility Planning: SM -- No. 809319

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

May 06, 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	13,420	5,505	890	7,025	925	1,200	1,350	1,350	1,100	1,100	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	0	0	0	0	0	0	0	0	0	0	0
Other	42	42	0	0	0	0	0	0	0	0	0
Total	13,462	5,547	890	7,025	925	1,200	1,350	1,350	1,100	1,100	*

FUNDING SCHEDULE (\$000)

Current Revenue: General	5,000	4,610	390	0	0	0	0	0	0	0	0
State Aid	140	140	0	0	0	0	0	0	0	0	0
Stormwater Management Waiver Fees	797	797	0	0	0	0	0	0	0	0	0
Water Quality Protection Charge	7,525	0	500	7,025	925	1,200	1,350	1,350	1,100	1,100	0
Total	13,462	5,547	890	7,025	925	1,200	1,350	1,350	1,100	1,100	0

DESCRIPTION

This project provides funds for facility planning and feasibility studies to evaluate watershed conservation needs and identify remedial project alternatives for stormwater management, stormwater retrofit, low impact design (LID), and stream restoration projects. In addition, facility planning serves as a transition stage for a project. Selected projects vary in type including: preparation of watershed conservation plans assessing stream erosion and habitat; inventories of alternative stream restoration and retrofit projects; complementary non-structural measures to help mitigate degraded stream conditions in rural and developed watersheds; and hydrologic, hydraulic, and water quality monitoring and analyses as required to quantify impacts of watershed development and projects to be implemented. Facility planning is a decision-making process that investigates critical project elements such as: usage forecasts; economic, social, environmental, and historic impact analyses; public participation; potential non-County funding sources; and detailed project cost estimates. Facility planning represents planning and preliminary design and develops a program of requirements in advance of full programming of a project.

COST CHANGE

Cost increase is to meet the requirements of the County's new National Pollutant Discharge Elimination System (NPDES) stormwater permit for municipal stormwater discharges (MS-4) which requires watershed assessments.

JUSTIFICATION

Facility planning supports requirements for watershed assessments required in the County's National Pollutant Discharge Elimination System (NPDES) stormwater permit for municipal stormwater discharges. There is a continuing need for the development of accurate cost estimates and an exploration of alternatives for proposed projects. This project establishes the facilities planning data and alternatives analyses needed to identify and set priorities for individual capital projects. Facility planning costs for projects which are ultimately included in stand-alone Project Description Forms (PDFs) are reflected here and not in the resulting individual project. Future individual CIP projects which result from facility planning will each reflect reduced planning and design costs.

OTHER

Ongoing projects are in the Muddy Branch, Great Seneca Creek, and Anacostia watersheds. Projects planned for FY11-12 include: completion of a study to identify stormwater retrofit opportunities at County school properties; initiation of watershed studies in the Patuxent River, Upper and Lower Potomac River small tributaries, and Little Monocacy River watersheds; and Phase II of the Anacostia Watershed Restoration Study. This project also provides for operation of an automated fixed monitoring station required by the NPDES permit.

FISCAL NOTE

Programmed General Fund current revenue replaced with Water Quality Protection Charge revenue.

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	FY93	(\$000)
First Cost Estimate	FY11	13,462
Current Scope		
Last FY's Cost Estimate		8,137
Appropriation Request	FY11	925
Appropriation Request Est.	FY12	1,200
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		6,437
Expenditures / Encumbrances		6,014
Unencumbered Balance		423
Partial Closeout Thru	FY08	0
New Partial Closeout	FY09	0
Total Partial Closeout		0

COORDINATION

Maryland-National Capital Park and Planning Commission
U. S. Army Corps of Engineers
Washington Suburban Sanitary Commission
Department of Transportation
Montgomery County Public Schools

MAP

