



Facility Planning: SM

(P809319)

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|---------------|-----------------------------------|----------------------|--------------------------|
| Category | Conservation of Natural Resources | Date Last Modified | 05/18/18 |
| SubCategory | Stormwater Management | Administering Agency | Environmental Protection |
| Planning Area | Countywide | Status | Ongoing |

EXPENDITURE SCHEDULE (\$000s)

| Cost Elements | Total | Thru FY17 | Est FY18 | Total 6 Years | FY 19 | FY 20 | FY 21 | FY 22 | FY 23 | FY 24 | Beyond 6 Years |
|----------------------------------|---------------|---------------|------------|---------------|------------|------------|------------|------------|------------|------------|----------------|
| Planning, Design and Supervision | 17,277 | 11,737 | 960 | 4,580 | 750 | 730 | 750 | 790 | 780 | 780 | - |
| Other | 164 | 164 | - | - | - | - | - | - | - | - | - |
| TOTAL EXPENDITURES | 17,441 | 11,901 | 960 | 4,580 | 750 | 730 | 750 | 790 | 780 | 780 | - |

FUNDING SCHEDULE (\$000s)

| Funding Source | Total | Thru FY17 | Est FY18 | Total 6 Years | FY 19 | FY 20 | FY 21 | FY 22 | FY 23 | FY 24 | Beyond 6 Years |
|---|---------------|---------------|------------|---------------|------------|------------|------------|------------|------------|------------|----------------|
| Current Revenue: Water Quality Protection | 11,504 | 5,964 | 960 | 4,580 | 750 | 730 | 750 | 790 | 780 | 780 | - |
| Current Revenue: General | 5,000 | 5,000 | - | - | - | - | - | - | - | - | - |
| Stormwater Management Waiver Fees | 797 | 797 | - | - | - | - | - | - | - | - | - |
| State Aid | 140 | 140 | - | - | - | - | - | - | - | - | - |
| TOTAL FUNDING SOURCES | 17,441 | 11,901 | 960 | 4,580 | 750 | 730 | 750 | 790 | 780 | 780 | - |

APPROPRIATION AND EXPENDITURE DATA (\$000s)

| | | | |
|-----------------------------|--------|--------------------------|--------|
| Appropriation FY 19 Request | (127) | Year First Appropriation | FY93 |
| Appropriation FY 20 Request | 346 | Last FY's Cost Estimate | 17,690 |
| Cumulative Appropriation | 14,468 | | |
| Expenditure / Encumbrances | 12,851 | | |
| Unencumbered Balance | 1,617 | | |

PROJECT DESCRIPTION

This project provides for facility planning and feasibility studies to evaluate watershed conservation needs and to identify remedial project alternatives for stormwater management, stormwater retrofit, Environmental Site Design (ESD)/Low Impact Development (LID), and stream restoration projects. Projects in facility planning may include the preparation of watershed plans assessing stream restoration, stormwater management retrofit projects, and LID and ESD projects to help mitigate degraded stream conditions in rural and developed watersheds. Water quality monitoring and analysis is required to quantify impacts of watershed development and projects implemented in Retrofit SM Government Facilities (No. 800900), SM Retrofit Roads (No. 801300), SM Retrofit Schools (No. 801301), SM Retrofit Countywide (No. 808726), and Misc Stream Valley Improvements (No. 807359). The projects generated in facility planning support the requirements in the County's Municipal Separate Storm Sewer System (MS4) Permit. Facility planning

represents planning and preliminary design and develops a program of requirements in advance of full programming of a project. This project also provides for operation of automated fixed monitoring stations as required by the MS4 Permit.

COST CHANGE

Project decrease is due to updated progress towards meeting MS4 permit.

PROJECT JUSTIFICATION

The facility planning products support the requirements outlined in the County's MS4 Permit as detailed in the Montgomery County Coordinated Implementation Strategy (CCIS). This project establishes the facilities planning data and alternatives analysis 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 reflect reduced planning and design costs.

FISCAL NOTE

Expenditures in the outyears include expected costs to meet the requirements of the County's next MS4 permit. The scope of the next MS4 permit is subject to negotiation with the Maryland Department of Environment.

DISCLOSURES

Expenditures will continue indefinitely. The County Executive asserts that this project conforms to the requirement of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

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, SM Retrofit Government Facilities (No. 800900), SM Retrofit Roads (No. 801300), SM Retrofit Schools (No. 801301), SM Retrofit Countywide (No. 808726), Misc. Stream Valley Improvements (No. 807359).