



Stormwater Management Facility Major Structural Repair

(P800700)

| | | | |
|---------------|-----------------------------------|----------------------|--------------------------|
| Category | Conservation of Natural Resources | Date Last Modified | 01/08/20 |
| SubCategory | Stormwater Management | Administering Agency | Environmental Protection |
| Planning Area | Countywide | Status | Ongoing |

EXPENDITURE SCHEDULE (\$000s)

| Cost Elements | Total | Thru FY19 | Est FY20 | Total 6 Years | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | FY 26 | Beyond 6 Years |
|----------------------------------|---------------|---------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| Planning, Design and Supervision | 13,125 | 5,205 | 1,430 | 6,490 | 1,290 | 990 | 1,050 | 1,050 | 1,060 | 1,050 | - |
| Construction | 30,273 | 12,063 | 2,740 | 15,470 | 3,570 | 3,700 | 2,100 | 2,100 | 2,000 | 2,000 | - |
| Other | 1 | 1 | - | - | - | - | - | - | - | - | - |
| TOTAL EXPENDITURES | 43,399 | 17,269 | 4,170 | 21,960 | 4,860 | 4,690 | 3,150 | 3,150 | 3,060 | 3,050 | - |

FUNDING SCHEDULE (\$000s)

| Funding Source | Total | Thru FY19 | Est FY20 | Total 6 Years | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | FY 26 | Beyond 6 Years |
|---|---------------|---------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| Current Revenue: Water Quality Protection | 15,805 | 9,485 | 810 | 5,510 | 1,630 | 1,290 | 650 | 630 | 660 | 650 | - |
| Long-Term Financing | 20,122 | 312 | 3,360 | 16,450 | 3,230 | 3,400 | 2,500 | 2,520 | 2,400 | 2,400 | - |
| State Aid | 399 | 399 | - | - | - | - | - | - | - | - | - |
| Water Quality Protection Bonds | 7,073 | 7,073 | - | - | - | - | - | - | - | - | - |
| TOTAL FUNDING SOURCES | 43,399 | 17,269 | 4,170 | 21,960 | 4,860 | 4,690 | 3,150 | 3,150 | 3,060 | 3,050 | - |

APPROPRIATION AND EXPENDITURE DATA (\$000s)

| | | | |
|-----------------------------|--------|--------------------------|--------|
| Appropriation FY 21 Request | 6,530 | Year First Appropriation | FY07 |
| Appropriation FY 22 Request | 2,820 | Last FY's Cost Estimate | 27,994 |
| Cumulative Appropriation | 22,931 | | |
| Expenditure / Encumbrances | 18,820 | | |
| Unencumbered Balance | 4,111 | | |

PROJECT 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 6,800 stormwater management facilities. Major structural repairs can include dredging and removing sediment, removal and replacement or relining of failing pipes and principal spillways, replacing failing riser structures, and repairing failing dam embankments. The repair work under this project is more significant than routine maintenance and requires engineering analysis and design and application for Federal, State, and/or local permitting.

COST CHANGE

The six-year cost increase is due to an increased number of major structural repair projects.

PROJECT JUSTIFICATION

This project provides for major structural repairs in order to comply with the County's municipal separate storm sewer system (MS4) permit. It is limited to funding repairs at 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.

Current projects include: Wheaton Branch overtopping protection, Persimmon Tree Ponds, Peachwood Pond, Briars Acres Pond, Railroad Branch Dam, Lake Hallowell dredging project, and Lake Whetstone Toe Drain repair.

FISCAL NOTE

This project assumes the award of Maryland Water Quality Revolving Loan Funds (long-term financing) over the six-year period, which would replace Water Quality Protection Bonds as the primary source of funding for the program. No State Aid is assumed for this project in FY21-26.

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

Department of Transportation, Maryland-National Capital Park and Planning Commission, Department of Permitting Services, Homeowners Associations, Montgomery County Public Schools, Department of General Services, Maryland State Highway Administration, Stormwater Management Retrofit: Countywide (No. 808726), and Maryland Department of Natural Resources.