


T&E COMMITTEE #2
February 23, 2015

Worksession

MEMORANDUM

February 19, 2015

TO: Transportation, Infrastructure, Energy & Environment Committee

FROM:  Keith Levchenko, Senior Legislative Analyst

SUBJECT: **CIP Amendment: FY15-20 Capital Improvements Program (CIP) Conservation of Natural Resources: Facility Planning: Stormwater Management**

Council Staff Recommendation: Approve as Recommended by the County Executive

This project, managed by the Department of Environmental Protection (DEP), funds evaluations of watershed needs and identifies alternatives to address those needs, including possible CIP projects. This project provides approximately 30 percent design completion to projects generated from this program. The project is funded with Water Quality Protection Fund current revenue dollars.

As part of his January 15, 2015 CIP amendments transmittal (within the "FY15-20 Implementation Acceleration/Delays" section), the County Executive recommended an amendment to the Facility Planning: SM project (see Project Description Form (PDF) on ©1) to reflect actual expenditures in this project through FY14, which were \$721,000 greater than previously reflected in the approved project (see ©2). DEP was able to complete some planning work faster than originally presented on the approved PDF. This project had sufficient cumulative appropriation through FY14 to accommodate this acceleration, so no supplemental appropriation was needed.

The appropriation request for FY16 is based on DEP's estimate of costs to be spent or encumbered through FY16 minus any available unencumbered balance in the project.

Council Staff recommends approval of this amendment as recommended by the County Executive.

Attachments

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Facility Planning: SM (P809319)

Amendment

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

Date Last Modified 11/17/14
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

	Total	Thru FY14	Rem FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	17,445	9,766	0	7,679	429	1,250	1,350	1,450	1,550	1,650	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	52	52	0	0	0	0	0	0	0	0	0
Total	17,497	9,818	0	7,679	429	1,250	1,350	1,450	1,550	1,650	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	5,000	5,000	0	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	11,560	3,881	0	7,679	429	1,250	1,350	1,450	1,550	1,650	0
Total	17,497	9,818	0	7,679	429	1,250	1,350	1,450	1,550	1,650	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 16	408
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		12,012
Expenditure / Encumbrances		10,071
Unencumbered Balance		1,941

Date First Appropriation	FY 93
First Cost Estimate	
Current Scope	FY 15 17,497
Last FY's Cost Estimate	17,497
Partial Closeout Thru	0
New Partial Closeout	0
Total Partial Closeout	0

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.

Justification

The Facility Planning products support the requirements outlined in the 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 each reflect reduced planning and design costs.

Fiscal Note

Reflects acceleration of \$721,000 from FY15 into FY14.

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

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).

Facility Planning: SM (P809319)

Approved FY15-20

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

Date Last Modified 1/6/14
Required Adequate Public Facility No
Relocation Impact None
Status Ongoing

	Total	Thru FY13	Est FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	17,445	8,108	937	8,400	1,150	1,250	1,350	1,450	1,550	1,650	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	52	52	0	0	0	0	0	0	0	0	0
Total	17,497	8,160	937	8,400	1,150	1,250	1,350	1,450	1,550	1,650	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	5,000	5,000	0	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	11,560	2,223	937	8,400	1,150	1,250	1,350	1,450	1,550	1,650	0
Total	17,497	8,160	937	8,400	1,150	1,250	1,350	1,450	1,550	1,650	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 15	1,150
Appropriation Request Est.	FY 16	1,250
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		10,862
Expenditure / Encumbrances		9,154
Unencumbered Balance		1,708

Date First Appropriation	FY 93
First Cost Estimate	
Current Scope	FY 15 17,497
Last FY's Cost Estimate	15,312
Partial Closeout Thru	0
New Partial Closeout	0
Total Partial Closeout	0

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

Increase due to an increase in the number of projects budgeted related to complying with requirements of the County's MS4 permit and the addition of FY19 and FY20 to this ongoing project adjusted for prior project delays.

Justification

The Facility Planning products support the requirements outlined in the 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 each reflect reduced planning and design costs.

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