EXECUTIVE RECOMMENDATION



CategoryM-NCPPCDate Last Modified01/02/18SubCategoryDevelopmentAdministering AgencyM-NCPPCPlanning AreaCountywideStatusOngoing

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	1,597	192	235	1,170	172	172	195	195	218	218	-
Site Improvements and Utilities	5,552	681	941	3,930	578	578	655	655	732	732	-
TOTAL EXPENDITURES	7,149	873	1,176	5,100	750	750	850	850	950	950	-

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
G.O. Bonds	7,149	873	1,176	5,100	750	750	850	850	950	950	-
TOTAL FUNDING SOURCES	7,149	873	1,176	5,100	750	750	850	850	950	950	-

COMPARISON (\$000s)

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years	FY 19 Approp.
Prior Year Approved	4,449	1,449	600	2,400	600	600	600	600	-	-	-	-
Agency Request	7,149	873	1,176	5,100	750	750	850	850	950	950	-	750
Recommended	7,149	873	1,176	5,100	750	750	850	850	950	950	-	750

CHANGE	TOTAL	%	6-YEAR	%	APPROP.	%
Agency Request vs Prior Year Approved	2,700	60.7%	2,700	112.5%	750	-
Recommended vs Prior Year Approved	2,700	60.7%	2,700	112.5%	750	-
Recommended vs Agency Request	-	-	-	-	-	-

Recommendation

Approve with Modifications. The Executive does not recommend a \$5.1 million funding switch from G.O. Bonds to Water Quality Protection Bonds occur until the impact on the Water Quality Protection Charge is known in the context of the FY19 Operating Budget.

Stream Protection: SVP 35-1



Category	M-NCPPC	Date Last Modified	01/02/18
SubCategory	Development	Administering Agency	M-NCPPC
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	1,597	192	235	1,170	172	172	195	195	218	218	-
Site Improvements and Utilities	5,552	681	941	3,930	578	578	655	655	732	732	-
TOTAL EXPENDITURES	7,149	873	1,176	5,100	750	750	850	850	950	950	-

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
G.O. Bonds	2,049	873	1,176	-	-	-	-	-	-	-	-
Water Quality Protection Bonds	5,100	-	-	5,100	750	750	850	850	950	950	-
TOTAL FUNDING SOURCES	7,149	873	1,176	5,100	750	750	850	850	950	950	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	750	Year First Appropriation	FY81
Appropriation FY 20 Request	750	Last FY's Cost Estimate	4,449
Cumulative Appropriation	2,049		
Expenditure / Encumbrances	829		
Unencumbered Balance	1,220		

Project Description

As a result of development in urban and suburban watersheds, stream channels are subject to increased storm water flows that result in severely eroded stream banks. This project makes corrective improvements to damaged stream channels, floodplains, and tributaries in stream valley parks and constructs new stormwater management facilities and associated riparian enhancements to improve watershed conditions. Stream erosion problems include stream sedimentation, destruction of aquatic habitat, undercutting of stream banks, blockage of migration routes, loss of floodplain access, tree loss, and damage to infrastructure. Rock and wood revetments (i.e. cross vanes, J-hooks, riffle grade controls) are used in association with reforestation, floodplain enhancements, outfall enhancements, and other stream protection techniques to prevent continued erosion and improve aquatic habitat. Stream protection projects must be examined from a watershed perspective to identify/control the source of problems. Wherever possible new SWM facilities will be built to control water flows prior to entering the stream channel to help the watershed return to a more stable equilibrium. Parks often implements these improvements with other stream valley improvements to improve cost effectiveness and ensure infrastructure protection. This project also includes reforestation in stream valley parks.

Stream Protection: SVP 35-2

Cost Change

Increase to address higher construction costs and additional regulatory requirements. Addition of WQPB fundiung. Addition of FY23 and FY24 to this ongoing project.

Project Justification

The project meets Montgomery County's water quality goals, Chapter 19, Article IV of the Montgomery County Code: to protect, maintain, and restore high quality chemical, physical, and biological conditions in the waters of the State in the County. This project is also supported by the Countywide Stream Protection Strategy developed Montgomery County's Department of Environmental Protection (DEP). Many county streams flow through lands managed/owned by M-NCPPC. M-NCPPC performs a stewardship role in protection of these streams and protecting improvements, which are threatened by stream erosion. Comprehensive Watershed Inventories conducted by Montgomery County Department of Environmental Protection with assistance from M-NCPPC This project supports implementation of Parks' Phase II NPDES MS4 Permit commitments

Fiscal Note

Prior year partial capitalization of expenditures through FY16 totaled \$12,854,000. FY13 transfer in of \$129K GO Bonds from Lake Needwood Modifications #098708.

Disclosures

Expenditures will continue indefinitely.

Coordination

Montgomery County Department of Environmental Protection, National Capital Planning Commission for Capper-Cramton Funded Parks, State and County Department of Transportation, State Dept. of Natural Resources, Montgomery County Department of Environmental Protection, PDF 733759, Utility rights-of-way coordinated with WSSC and other utility companies where applicable., U.S. Army Corps of Engineers, Metropolitan Washington Council of Governments

Stream Protection: SVP 35-3