

Stream Protection: SVP -- No. 818571

Category M-NCPPC
 Subcategory Development
 Administering Agency M-NCPPC
 Planning Area Countywide

Date Last Modified November 26, 2007
 Required Adequate Public Facility No
 Relocation Impact None
 Status On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	871	0	121	750	125	125	125	125	125	125	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	3,111	0	663	2,448	408	408	408	408	408	408	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	3,982	0	784	3,198	533	533	533	533	533	533	*

FUNDING SCHEDULE (\$000)

G.O. Bonds	3,883	0	685	3,198	533	533	533	533	533	533	0
State DNR (P&P only)	99	0	99	0	0	0	0	0	0	0	0
Total	3,982	0	784	3,198	533	533	533	533	533	533	0

OPERATING BUDGET IMPACT (\$000)

Program-Staff				4	0	0	1	1	1	1
Net Impact				4	0	0	1	1	1	1

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 and tributaries in stream valley parks and constructs new stormwater management (SWM) facilities. Stream erosion problems include stream sedimentation, destruction of aquatic habitat, undercutting of stream banks and subsequent loss of trees, bike paths, bridges, and other improvements. Rip-rap (large boulders placed along the stream banks) is used in association with reforestation and other stream protection techniques (brush bundles, wing deflectors, root wads, etc.) to prevent continued erosion. Stream protection projects must be examined from a watershed perspective to identify/control the source of problems. If possible new SWM facilities will be built prior to protecting stream banks; water flows will be controlled and stream banks will return to equilibrium. Projects require engineering and permitting by Maryland Department of the Environment, the U.S. Army Corps of Engineers, and Montgomery County's Department of Permitting Services. This Project also includes reforestation in stream valley parks.

Scheduled in FY09-14 are projects at the following sites: NW Branch Golf Course, Maydale Nature Center, Bel Pre Creek, Little Bennett Regional Park, and Woodstock Horse Farm Park.

COST CHANGE

Increase due to addition of FY13 and FY14 to this ongoing 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 by 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.

OTHER DISCLOSURES

- M-NCPPC 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	FY81	(\$000)
First Cost Estimate		
Current Scope	FY98	5,971
Last FY's Cost Estimate		3,746
Appropriation Request	FY09	533
Appropriation Request Est.	FY10	533
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		784
Expenditures / Encumbrances		129
Unencumbered Balance		655
Partial Closeout Thru	FY06	5,971
New Partial Closeout	FY07	830
Total Partial Closeout		6,801

COORDINATION

The Commission coordinates stream monitoring, stream protection and SWM projects with the Montgomery County Department of Environmental Protection. National Capital Planning Commission for Capper-Cramton Funded Parks. State and County Department of Transportation, as required. 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

MAP

