

General Government

Project: Marumsco Creek Watershed

Project Description:

The Marumsco Creek Watershed comprises approximately 5 square miles in the northeast part of the County and includes many of the older sections of Woodbridge. This project includes the following within the Marumsco Creek Watershed:

- Stream restoration, best management practices, and drainage improvements.
- Development of two regional stormwater management facilities west of Interstate 95. The construction of one of the storm water management facilities is being completed in a joint effort between Prince William County and the developer of the Brooke Farm Subdivision. The total cost to the County was approximately \$100,000. Construction of the remaining facility will have to be coordinated with the development of the property where it is sited.
- Planning for channel improvements to Marumsco Creek starting 1,500 feet upstream of Horner Road and ending 1,300 feet downstream of Horner Road.
- Site specific drainage improvements in the Botts Subdivision.

Total Project Budget: \$779,606

Service Impact:

- ▶ **Marumsco Creek Watershed** - This project will help alleviate flooding problems along Marumsco Creek in the vicinity of Horner Road and benefit about 37 properties, including structures. These two ponds will also serve as regional stormwater management facilities for future development upstream of Interstate 95 and will improve water quality.
- ▶ **Run Off Reduction** - Construction of these facilities will control increased runoff from proposed development in the watershed and reduce flooding potential downstream in the Horner Road and Route 1 areas. Building these ponds reduces the size of downstream channel improvements.
- ▶ **Cost Avoidance** - Future development can avoid the expense of on-site facilities.
- ▶ **State and Federal Mandates** - This project will address State and Federal mandates (National Pollutant Discharge Elimination System and the State Stormwater Management Act), provide water quality improvements, reduce non-point source pollution, and enhance stream habitat.

Comprehensive Plan Impact:

- ▶ **Environment** - Fulfills Comprehensive Plan goal to preserve, protect, and enhance the significant environmental resources and features of the County and policies and action strategies that encourage the minimization of stormwater runoff and the use of innovative stormwater management facilities and systems.

Funding Source:

- ▶ **Stormwater Management Fees** fund this project.

Critical Milestones:

- ▶ **Construction** will occur on a phased basis as funding becomes available.

PROJECT COST CATEGORIES	PRIOR YEARS	FY04	FY05	FY06	FY07	FY08	FY09	Total FY 04-09
Planning	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land Acquisition	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$278,858	\$58,458	\$58,458	\$58,458	\$58,458	\$58,458	\$58,458	\$350,748
Project Management	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction Management	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt Issuance Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$428,858	\$58,458	\$58,458	\$58,458	\$58,458	\$58,458	\$58,458	\$350,748

FUNDING SOURCES	PRIOR YEARS	FY04	FY05	FY06	FY07	FY08	FY09	Total FY 04-09
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Delinquent Taxes	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fire Levy	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Solid Waste Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Stormwater Management Fees	\$428,858	\$58,458	\$58,458	\$58,458	\$58,458	\$58,458	\$58,458	\$350,748
Debt	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fuel Tax	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State/Federal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proffers	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$428,858	\$58,458	\$58,458	\$58,458	\$58,458	\$58,458	\$58,458	\$350,748

OPERATING IMPACTS	FY04	FY05	FY06	FY07	FY08	FY09	Total FY 04-09
Debt Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Facility Operating Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Program Operating Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operating Subsidy Required	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GENERAL FUND REQUIREMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0