

Outfall Repairs -- No. 509948

Category	Conservation of Natural Resources	Date Last Modified	January 05, 2008
Subcategory	Storm Drains	Required Adequate Public Facility	No
Administering Agency	Transportation	Relocation Impact	None.
Planning Area	Countywide	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	1,937	319	214	1,404	234	234	234	234	234	234	0
Land	10	10	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	3,410	1,936	322	1,152	192	192	192	192	192	192	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	5,357	2,265	536	2,556	426	426	426	426	426	426	*

FUNDING SCHEDULE (\$000)

G.O. Bonds	5,357	2,265	536	2,556	426	426	426	426	426	426	0
Total	5,357	2,265	536	2,556	426	426	426	426	426	426	0

DESCRIPTION

This project provides for the repair of existing storm drain outfalls into stream valleys. Design of corrective measures is included when in-kind replacement of original outfall structures is not feasible. Candidate outfall repairs are selected from citizen and public agency requests. The Department of Environmental Protection's (DEP) Miscellaneous Stream Valley Improvements project generates and assists in rating the outfalls, which are identified as that project expands into additional watersheds.

CAPACITY

The capacity of each repair will match the existing capacity of the storm drain pipe or system.

COST CHANGE

Cost increase is due to the addition of FY13 and FY14 to this on-going program.

JUSTIFICATION

Collapsed storm drain pipe sections, undermined endwalls, and eroded outfall channels create hazardous conditions throughout the County. The course of drainage could be altered endangering private property or public roads and speeding the erosion of stream channels. Erosion from damaged outfalls results in heavy sediment load being carried downstream that can severely impact aquatic ecosystems and exacerbate existing downstream channel erosion.

As part of its watershed restoration inventories, DEP identifies storm drain outfalls that are in need of repair in County stream valleys and respective watersheds. As this program expands to include additional watersheds, each outfall is categorized and, where damaged, rated. A functional rating and evaluation process is used to prioritize each outfall.

OTHER

The following projects are participation projects with DEP: eight outfalls in Turkey Branch Watershed, and four outfalls in Coquelin Run. The number of outfall locations being repaired per year varies based on the severity of the erosion and damage, the complexity of the design, and the complexity of the needed restorative construction work.

Completed Outfalls in FY07: Loft Ln., Rockford Rd., Clement Ln., 9537 Clement Rd., 18811 Mink Hollow Rd., 11031 Dobbins Dr., Falmouth Dr., Lilly Stone Dr., 8104 Park Crest Dr., Agate Dr., Boilingbrook Pkwy, White Dr., 8907 Clewerwall Dr.
Scheduled for repairs (FY08 - beyond): 2600 Loma St., 6101 Broad St., Brookside Dr., 13103 Quail Creek Ct., 7920 Declaration Dr., 4301 Banff Spring Ct., 3 Whipoorwill Ct., 3963 Wendy Ct.

FISCAL NOTE

Expenditures in the out years may be reduced if the backlog of repairs is substantially reduced.

OTHER DISCLOSURES

- A pedestrian impact analysis has been completed for this project.
- * Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY99	(\$000)
First Cost Estimate	FY09	5,357
Current Scope		
Last FY's Cost Estimate		4,505
Appropriation Request	FY09	426
Appropriation Request Est.	FY10	426
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,801
Expenditures / Encumbrances		2,744
Unencumbered Balance		57
Partial Closeout Thru	FY06	0
New Partial Closeout	FY07	0
Total Partial Closeout		0

COORDINATION

Department of Environmental Protection
Maryland-National Capital Park and Planning Commission
Maryland Department of the Environment
United States Army Corps of Engineers
Montgomery County Department of Permitting Services
Utility Companies
Miscellaneous Stream Valley Improvements

MAP

