

Outfall Repairs -- No. 509948

Category
Subcategory
Administering Agency
Planning Area

Conservation of Natural Resources
Storm Drains
Transportation
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

January 08, 2010
No
None.
On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	2,405	733	268	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	3,794	2,479	163	1,152	192	192	192	192	192	192	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	6,209	3,222	431	2,556	426	426	426	426	426	426	*

FUNDING SCHEDULE (\$000)

G.O. Bonds	6,209	3,222	431	2,556	426	426	426	426	426	426	0
Total	6,209	3,222	431	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.

COST CHANGE

Cost increase due to addition of FY 15-16 to this on-going level of effort 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 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 FY09: 2600 Loma St, 6101 Broad St, Brookside Dr, 13103 Quail Creek Ct, 7920 Declaration Dr, 4301 Banff Spring Ct, 3 Whippoorwill Ct, 3963 Wendy Ct, Wexford Dr, Denfeld Ave, 10300 Parkwood Dr, 8829 Ridge Dr, 11705 Ibsen Dr, 9200 Harrington Rd.

Scheduled for repairs (FY10 - beyond): 4500 Tournay Rd, Sweetbitch Dr, 7329 Oskaloosa Dr, 10605 Willowbrook Dr, 103 Bluff Terr, Pinehurst at Beech, 6207 Cromwell Dr, Woodman Ave, Bucknell Dr.

OTHER DISCLOSURES

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

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP												
<table> <tr> <td>Date First Appropriation</td><td>FY99</td><td>(\$000)</td></tr> <tr> <td>First Cost Estimate</td><td>FY11</td><td>6,209</td></tr> <tr> <td>Current Scope</td><td></td><td></td></tr> <tr> <td>Last FY's Cost Estimate</td><td></td><td>5,357</td></tr> </table>	Date First Appropriation	FY99	(\$000)	First Cost Estimate	FY11	6,209	Current Scope			Last FY's Cost Estimate		5,357	<p>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</p>	
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