

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, 2012
No
None.
On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	2,657	933	248	1,476	234	234	234	234	270	270	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	4,466	3,122	192	1,152	192	192	192	192	192	192	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	7,133	4,065	440	2,628	426	426	426	426	462	462	*

FUNDING SCHEDULE (\$000)

G.O. Bonds	7,133	4,065	440	2,628	426	426	426	426	462	462	0
Total	7,133	4,065	440	2,628	426	426	426	426	462	462	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

Increase due to the addition of FY17-18 and overhead costs to this on-going level of effort project.

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 FY10-11: 4500 Tourney Road, Sweetbirch Drive, 7329 Oskaloosa Drive, 10605 Willowbrook Drive, 103 Bluff Terrace, Pinehurst at Beech, 6207 Cromwell Drive, Woodman Avenue, Bucknell Drive, Boiling Brook Parkway, Davis Mill Road, 126 Central Avenue, 611 Lambertson Drive, 1012 Parrs Ridge Drive, 11513 Evelake Court, 4305 Harvard Street, 13717 Mills Avenue, 1517 Menlee Drive, 7200 Mill Run Drive, River Hill Road, McCeney at Harper, Hoyle at Burnt Mills, Helmsdale Road, and 9512 Columbia Boulevard.

Scheduled for repairs (FY12 - beyond): Prathertown Road, Circle Drive at Spring Drive, Emory Grove Road.

OTHER DISCLOSURES

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

<p>APPROPRIATION AND EXPENDITURE DATA</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Date First Appropriation</td> <td style="text-align: center;">FY99</td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>First Cost Estimate</td> <td style="text-align: center;">FY13</td> <td style="text-align: right;">7,133</td> </tr> <tr> <td>Current Scope</td> <td></td> <td></td> </tr> <tr> <td>Last FY's Cost Estimate</td> <td></td> <td style="text-align: right;">6,209</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Appropriation Request</td> <td style="text-align: center;">FY13</td> <td style="text-align: right;">426</td> </tr> <tr> <td>Appropriation Request Est.</td> <td style="text-align: center;">FY14</td> <td style="text-align: right;">426</td> </tr> <tr> <td>Supplemental Appropriation Request</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>Transfer</td> <td></td> <td style="text-align: right;">0</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Cumulative Appropriation</td> <td style="text-align: right;">4,505</td> </tr> <tr> <td>Expenditures / Encumbrances</td> <td style="text-align: right;">4,076</td> </tr> <tr> <td>Unencumbered Balance</td> <td style="text-align: right;">429</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Partial Closeout Thru</td> <td style="text-align: center;">FY10</td> <td style="text-align: right;">0</td> </tr> <tr> <td>New Partial Closeout</td> <td style="text-align: center;">FY11</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Total Partial Closeout</td> <td></td> <td style="text-align: right;">0</td> </tr> </table>	Date First Appropriation	FY99	(\$000)	First Cost Estimate	FY13	7,133	Current Scope			Last FY's Cost Estimate		6,209	Appropriation Request	FY13	426	Appropriation Request Est.	FY14	426	Supplemental Appropriation Request		0	Transfer		0	Cumulative Appropriation	4,505	Expenditures / Encumbrances	4,076	Unencumbered Balance	429	Partial Closeout Thru	FY10	0	New Partial Closeout	FY11	0	Total Partial Closeout		0	<p>COORDINATION</p> <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>	<p>MAP</p>
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