

# **Facility Planning: Storm Drains -- No. 508180**

Category  
Subcategory  
Administering Agency  
Planning Area

**Conservation of Natural Resources**  
**Storm Drains**  
**Transportation**  
**Countywide**

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

**May 06, 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	5,086	3,386	225	1,475	225	250	250	250	250	250	0
Land	119	119	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	32	32	0	0	0	0	0	0	0	0	0
Other	2	2	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>5,239</b>	<b>3,539</b>	<b>225</b>	<b>1,475</b>	<b>225</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>*</b>

## **FUNDING SCHEDULE (\$000)**

Current Revenue: General	5,138	3,438	225	1,475	225	250	250	250	250	250	0
G.O. Bonds	101	101	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>5,239</b>	<b>3,539</b>	<b>225</b>	<b>1,475</b>	<b>225</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>0</b>

## **DESCRIPTION**

This project provides for the investigation and analysis of various storm drainage assistance requests initiated by private citizens and public agencies. These requests are related to the design, construction, and operation of public drainage facilities where flooding and erosion occur. This project includes expenditures for the preliminary and final design and land acquisition for storm drain projects prior to inclusion in the Storm Drain General project, or as a stand-alone project in the CIP. Prior to its inclusion in the CIP, the Department of Transportation (DOT) will conduct a feasibility study to determine the general and specific features required for the project. Candidate projects currently are evaluated from the "Drainage Assistance Request" list. As part of the facility planning process, DOT considers citizen and public agency requests and undertakes a comprehensive analysis of storm drainage issues and problems being experienced in the County. This analysis is used to select areas where a comprehensive long-term plan for the remediation of a problem may be required. No construction activities are performed in this project. When a design is 35 percent complete, an evaluation is performed to determine if right-of-way is needed. Based on the need for right-of-way, the project may proceed to final design and the preparation of right-of-way plats under this project. The cost of right-of-way acquisition will be charged to the Advanced Land Acquisition Revolving Fund (ALARF). When designs are complete, projects with a construction cost under \$500,000 will be constructed in the Storm Drain General project. Projects with a construction cost over \$500,000 will be constructed in stand-alone projects.

## **CAPACITY**

Projects will be designed to accommodate the ten year storm frequency interval.

## **COST CHANGE**

Cost increase due to addition of FY 15-16 to this ongoing level of effort program, offset by other adjustments to fiscal capacity.

## **JUSTIFICATION**

Evaluation, justification, and cost-benefit analysis are completed by DOT as necessary. In the case of participation projects, the preparation of drainage studies and preliminary plans will be prepared by the requestor's engineer and reviewed by DOT.

## **OTHER**

Before being added as a sub-project, concept studies are evaluated based on the following factors: public safety, damage to private property, frequency of event, damage to public right-of-way, environmental factors such as erosion, general public benefit, availability of right-of-way and 5:1 benefit cost ratio. In the case of public safety or severe damage to private property, the 5:1 benefit (damage prevented) cost ratio can be waived. Drainage assistance requests are evaluated on a continuing basis in response to public requests. DOT maintains a database of complaints.

Construction Projects Completed: Town of Glen Echo, Village of Chevy Chase, Whittier Blvd, Marymont Rd, Springloch Rd, Arrowood Dr.

Candidate Projects for FY 11 and FY 12: Aberdeen Place, Chicago Ave.

## **OTHER DISCLOSURES**

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

## **APPROPRIATION AND EXPENDITURE DATA**

Date First Appropriation	FY81	(\$000)
First Cost Estimate	FY11	5,239
Current Scope		
Last FY's Cost Estimate		4,763
Appropriation Request	FY11	225
Appropriation Request Est.	FY12	250
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,763
Expenditures / Encumbrances		3,742
Unencumbered Balance		21
Partial Closeout Thru	FY08	0
New Partial Closeout	FY09	0
Total Partial Closeout		0

## **COORDINATION**

Montgomery County 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  
Annual Sidewalk Program (CIP No. 506747)

## **MAP**

