Facility Planning: Storm Drains -- No. 508180

Category	**Conservation of Natural Resources**	Date Last Modified	**January 4, 2002**
Agency	**Public Works & Transportation**	Previous PDF Page Number	**15-15 (01 App)**
Planning Area	**Countywide**	Required Adequate Public Facility	**NO**
Relocation Impact	**None**		

EXPENDITURE SCHEDULE ($000)

Cost Element	Total	Thru FY01	Estimate FY02	Total 6 Years	FY03	FY04	FY05	FY06	FY07	FY08	Beyond 6 Years
Planning, Design and Supervision	3,241	1,669	372	1,200	200	200	200	200	200	200	0
Land	18	18	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities											
Construction	24	24	0	0	0	0	0	0	0	0	0
Other	1	1	0	0	0	0	0	0	0	0	0
Total	3,284	1,712	372	1,200	200	200	200	200	200	200	*

FUNDING SCHEDULE ($000)

G.O. Bonds	101	101	0	0	0	0	0	0	0	0	0
Current Revenue: General	3,183	1,611	372	1,200	200	200	200	200	200	200	0

ANNUAL OPERATING BUDGET IMPACT ($000)

DESCRIPTION

This project provides funds for 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 are occurring. This project now includes 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 Public Works and Transportation (DPWT) 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, DPWT undertakes a comprehensive analysis of storm drainage issues and problems being experienced in the County, based on citizen and public agency requests. 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. At 35 percent design, an evaluation will be done 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 ALARF. When designs are complete, projects with a construction cost under $500k will be constructed in the Storm Drain General project. Projects with a construction cost over $500k will be constructed in stand-alone projects.

Service Area

Countywide.

Capacity

Analysis and proposed designs are generally based on accommodation of the runoff from a ten-year storm frequency interval.

Plans and Studies

DPWT prepares the studies and plans according to the requirements of each case. Some funds from this project will go to support the Renew Montgomery program.

Specific Data

There is a continuing need for the development of accurate cost estimates and an exploration of alternatives for proposed projects. In 1968, WSSC transferred responsibility for the construction and maintenance of all public storm drain facilities to Montgomery County. Since that time, a steady flow of requests from private residents and public agencies has been received, averaging 53 per year for the last 5 fiscal years.

Cost Change

Increase due to the addition of FY07-FY08 to this ongoing project.

STATUS

Ongoing

OTHER

The project scope has been changed to include the final design costs for specific individual subprojects. ALARF will be used to acquire easements when required for any individual project. Drainage assistance requests are evaluated on a continuing basis in response to public requests. DPWT maintains a database of complaints. Studies from Chronic Roadway Flooding Report are: Blunt Road; Warfield Road; Riffle Ford Road; Game Preserve Road; Kensington Parkway; Log House Road.

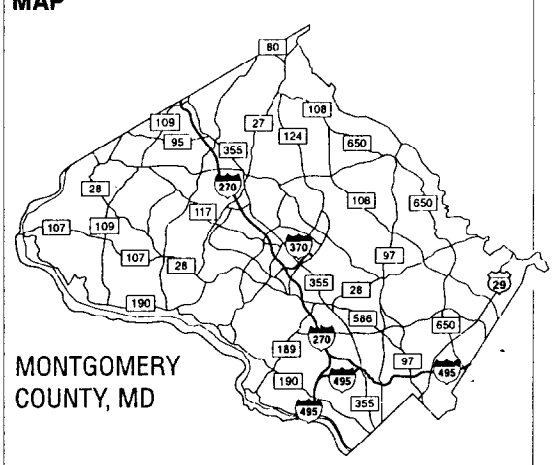
FISCAL NOTE

*Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY81	($000)
Initial Cost Estimate		156
First Cost Estimate Current Scope	FY03	3,284
Last FY's Cost Estimate		2,884
Present Cost Estimate		3,284
Appropriation Request	FY03	300
Appropriation Request Est.	FY04	100
Supplemental Appropriation Request	FY02	0
Transfer		0
Cumulative Appropriation		2,084
Expenditures/ Encumbrances		1,744
Unencumbered Balance		340
Partial Closeout Thru	FY00	0
New Partial Closeout	FY01	0
Total Partial Closeout		0

COORDINATION

Department of Environmental Protection
Maryland State Highway Administration
Storm Drain General Project
Utility Companies
Department of Permitting Services

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