Storm Drain General -- No. 500320

Category	**Conservation of Natural Resources**	Date Last Modified	**May 19, 2006**
Agency	**Public Works & Transportation**	Required Adequate Public Facility	**NO**
Planning Area	**Countywide**		
Relocation Impact	**None.**		

EXPENDITURE SCHEDULE ($000)

Cost Element	Total	Thru FY05	Est. FY06	Total 6 Years	FY07	FY08	FY09	FY10	FY11	FY12	Beyond 6 Years
Planning, Design and Supervision	1,805	116	9	1,680	280	280	280	280	280	280	0
Land	62	62	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	5,692	2,405	176	3,111	1,081	750	320	320	320	320	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	7,559	2,583	185	4,791	1,361	1,030	600	600	600	600	*

FUNDING SCHEDULE ($000)

G.O. Bonds	7,169	2,193	185	4,791	1,361	1,030	600	600	600	600	0
Intergovernmental	228	228	0	0	0	0	0	0	0	0	0
State Aid	162	162	0	0	0	0	0	0	0	0	0

ANNUAL OPERATING BUDGET IMPACT ($000)

DESCRIPTION

This project provides the flexibility to construct various sub-projects that might otherwise be delayed for lack of funds or difficulty in acquiring right-of-way. This project provides for right-of-way acquisition and construction for storm drain projects resulting from the Drainage Assistance Request program. Individual projects range from retrofitting existing storm drainage systems to developing new drainage systems required to upgrade the existing systems in older subdivisions. Projects formerly handled through the Neighborhood Storm Drain Improvements project are usually small, unanticipated projects initiated by requests from citizens whose homes and properties are subject to severe flooding or erosion and where there is a demonstrated need for early relief. Potential new storm drain projects are studied under the Facility Planning; Storm Drain project. Concept studies are evaluated based on the following factors: public safety, damage to private property and 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 (damage prevented) cost ratio. After the completion of facility planning, the construction estimated to cost less than $500,000 included in this project. Prompt relief is frequently achieved by the use of Department of Public Works and Transportation (DPWT) personnel to construct and provide construction management. The project also facilitates financial participation with developers up to 50% share of construction cost for storm drainage projects where such construction would yield a public benefit to properties other than that of homeowner or developers. Right-of-way is acquired under ALARF.

Capacity

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

Plans and Studies

Evaluation, justification, and cost-benefit analysis are completed by DPWT. For participation projects, the preparation of drainage studies and preliminary plans will be prepared by the requestor's engineer and reviewed by DPWT. Traffic signals, streetlights, crosswalks, bus stops, ADA ramps, bikeways, and other pertinent issues are being considered in the design of the project to ensure pedestrian safety.

Cost Change

The cost increase is due to the addition of FY11 and FY12 to this ongoing project; and the addition of 4 new comprehensive storm drain projects: Linden Lane, Brookville Road, and Eldrid Drive in FY07; and Henderson Avenue in FY08.

STATUS

Ongoing

OTHER

On participation projects cost sharing between the County and either homeowners or developers varies and is based upon a signed letter of understanding. Some funds from this project will go to support the Renew Montgomery program.

Completed Projects in FY05 and FY06:

78th St., Salisbury Rd., 6609 Virginia View Ct., 23623 Cornerstone Ln., Ridge Dr. at 61st St., Amherst Ave. at Arcola Ave., Orkey Parkway at Selkirk Dr., Macarthur Blvd. at Walhounding Rd., 13309 Glen Mill Rd., 26413 Aiken Dr., 6111 Madawaska Rd., Plymouth St., 6 Kohler Ct., Falls Rd. (Falls Bridge to Burbank Dr.), 7100 Needwood Rd., 13515 Loyola St., Welsh Rd. at B View Dr., Montgomery Ave.at Carroll Ave., 5100 Block of Keokuk St., Carlton St., Cortland Rd., Baltimore Ave. at River Rd., 3003 Ferndale St., 5605 Ontario Circle, Glenallan Ave. at Heurich Rd., Seven Locks Rd. at Macarthur Blvd., 5221 Duvall Dr., 5104 Lupine Ct., 10401 Metropolitan Ave., 10802 Lockridge Dr., Remington Dr., 1428 Highland Dr., Zeigler Dr.

Candidate Projects for FY07: Linden Ln., Brookville Rd., Eldrid Dr. and Johnson Ave., Henderson Ave.

Potential Future Projects: Beech Tree Rd., Tomlinson Ave., Armat Dr., Holly Oak Dr., Leland St., Virgilia at Meadow Ln., 701 Silver Spring, Glenbrook Rd.

FISCAL NOTE

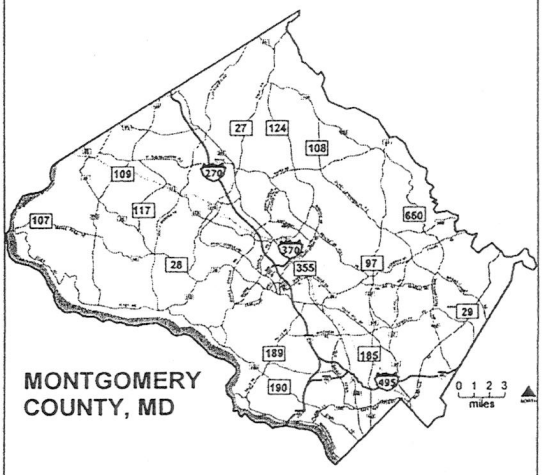
* Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY03	($000)
Initial Cost Estimate		4,278
First Cost Estimate Current Scope	FY07	7,559
Last FY's Cost Estimate		5,168
Present Cost Estimate		7,559
Appropriation Request	FY07	2,391
Appropriation Request Est.	FY08	0
Supplemental Appropriation Request	FY06	0
Transfer		0
Cumulative Appropriation		2,768
Expenditures/ Encumbrances		2,678
Unencumbered Balance		90
Partial Closeout Thru	FY04	0
New Partial Closeout	FY05	0
Total Partial Closeout		0

COORDINATION

Montgomery County Department of Environmental Protection
Maryland-National Capital Park & Planning Commission
Maryland Department of the Environment
United States Army Corps of Engineers
Montgomery County Department of Permitting Services
Utility Companies
Annual Sidewalk Program

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

MAP