Sidewalk & Infrastructure Revitalization -- No. 508182

Category	**Transportation**	Date Last Modified	**January 11, 2007**
Agency	**Public Works & Transportation**	Required Adequate Public Facility	**NO**
Planning Area	**Countywide**		
Relocation Impact	**None**		

EXPENDITURE SCHEDULE ($000)

Cost Element	Total	Thru FY06	Rem. FY06	Total 6 Years	FY07	FY08	FY09	FY10	FY11	FY12	Beyond 6 Years
Planning, Design and Supervision	2,523	0	22	2,501	337	375	375	375	529	510	0
Land											
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	31,617	0	268	31,349	4,163	4,625	4,625	4,625	6,521	6,790	0
Other											
Total	34,140	0	290	33,850	4,500	5,000	5,000	5,000	7,050	7,300	*

FUNDING SCHEDULE ($000)

G.O. Bonds	18,499	0	7	18,492	4,000	38	952	152	6,550	6,800	0
Contributions	3,283	0	283	3,000	500	500	500	500	500	500	0
Current Revenue: General	12,358	0	0	12,358	0	4,462	3,548	4,348	0	0	0

ANNUAL OPERATING BUDGET IMPACT ($000)

DESCRIPTION

This project provides for the removal and replacement of damaged or deteriorated sidewalks, curbs, and gutters in business districts and residential communities. The County currently maintains about 1,021 miles of sidewalks and about 2,081 miles of curbs and gutters. Many years of paving overlays have left some curb faces of two inches or less. Paving is milled, and new construction provides for a standard six-inch curb face. The project includes: overlay of existing sidewalks with asphalt; base failure repair and new construction of curbs; and new sidewalks with handicapped ramps to fill in missing sections. Some funds from this project support the Renew Montgomery and Main Street Montgomery programs. A significant aspect of this project has been and will be to provide safe pedestrian access and ensure ADA compliance.

Service Area

Countywide; however, primary area of concentration will be older residential neighborhoods and older commercial districts in the County.

Capacity

Expenditure levels in FY07 will provide for the replacement of an estimated 20 miles of sidewalk and 41 miles of curb and gutters.

JUSTIFICATION

Curbs, gutters and sidewalks have a service life of 30 years. Freeze/thaw cycles, de-icing materials, tree roots, and vehicle loads accelerate concrete failure. The County should replace 68 miles of curbs and gutters and 34 miles of sidewalks annually to provide for a 30 year cycle. Deteriorated curbs, gutters, and sidewalks are safety hazards to pedestrians and motorists, increase liability risks, and allow water to infiltrate into the sub-base causing damage to roadway pavements. Settled or heaved concrete can trap water and provide breeding places for mosquitoes.

Plans and Studies

A Countywide inventory of deteriorated concrete was performed in the late 1980's. Portions of the Countywide survey are updated during the winter season. The March 2005, "Report of the Infrastructure Maintenance Task Force," identified an annual replacement program level of effort based on a 30 year life for curbs and gutters.

Cost Change

Decrease due to lower level of expenditures in FY08-10. Expenditures are partially restored in FY11-12.

STATUS

Ongoing. Mileage of sidewalks and curb/gutters has been updated to reflect the annual acceptance of new infrastructure to the County's inventory.

OTHER

The Department of Public Works and Transportation maintains a list of candidate projects requiring construction of curbs and gutters based on need and available funding. The design and planning stages, as well as final completion of the project will comply with the Department of Public Works and Transportation (DPWT), Maryland State Highway Administration (MSHA), Manual on Uniform Traffic Control Devices (MUTCD), American Association of State Highway and Transportation Officials (AASHTO), and Americans with Disabilities Act (ADA) standards.

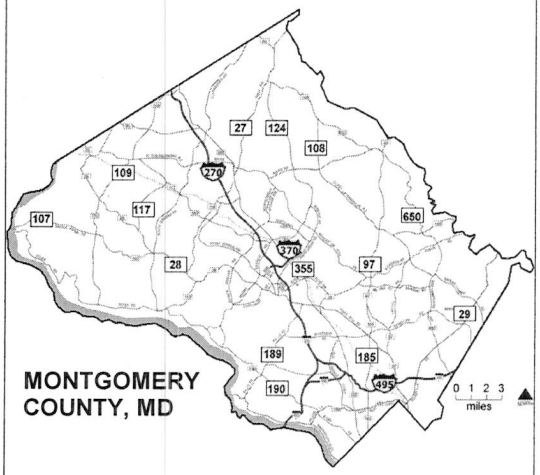
FISCAL NOTE

Since FY87, the County has offered to replace deteriorated driveway aprons at the property owners' expense up to $500,000. Payments for this work are displayed as "Contributions" in the funding schedule. *Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY81	($000)
Initial Cost Estimate		5,530
First Cost Estimate Current Scope	FY08	34,140
Last FY's Cost Estimate		39,292
Present Cost Estimate		34,140
Appropriation Request	FY08	5,000
Supplemental Appropriation Request	FY07	0
Transfer		0
Cumulative Appropriation		4,790
Expenditures/ Encumbrances		3,472
Unencumbered Balance		1,318
Partial Closeout Thru	FY05	62,296
New Partial Closeout	FY06	3,852
Total Partial Closeout		66,148

COORDINATION

Washington Suburban Sanitary Commission
Other Utilities
Montgomery County Public Schools
Homeowners
Montgomery County Pedestrian Safety Advisory Committee
Commission on People with Disabilities

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