

Sidewalk & Infrastructure Revitalization (P508182)

Category Transportation
 Sub Category Highway Maintenance
 Administering Agency Transportation (AAGE30)
 Planning Area Countywide

Date Last Modified 5/3/13
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY12	Rem FY12	Total 6 Years	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	5,979	10	224	5,745	1,320	1,020	795	945	645	1,020	0
Land	0	0	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	38,748	6,193	0	32,555	7,480	5,780	4,505	5,355	3,655	5,780	0
Other	35	0	35	0	0	0	0	0	0	0	0
Total	44,762	6,203	259	38,300	8,800	6,800	5,300	6,300	4,300	6,800	0

FUNDING SCHEDULE (\$000s)											
Contributions	3,259	0	259	3,000	500	500	500	500	500	500	0
G.O. Bonds	41,503	6,203	0	35,300	8,300	6,300	4,800	5,800	3,800	6,300	0
Total	44,762	6,203	259	38,300	8,800	6,800	5,300	6,300	4,300	6,800	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 14	6,800
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		15,262
Expenditure / Encumbrances		6,261
Unencumbered Balance		9,001

Date First Appropriation	FY 81
First Cost Estimate	
Current Scope	FY 14
Last FY's Cost Estimate	51,971
Partial Closeout Thru	87,917
New Partial Closeout	6,203
Total Partial Closeout	94,120

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 1,034 miles of sidewalks and about 2,098 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 to ensure Americans with Disabilities Act (ADA) compliance. Mileage of sidewalks and curb/gutters has been updated to reflect the annual acceptance of new infrastructure to the County's inventory.

Cost Change

Project reduction is due to partial closeout project adjustments.

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 70 miles of curbs and gutters and 35 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. 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 2010 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.

Other

The Department of Transportation (DOT) 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 DOT, Maryland State Highway Administration (MSHA), Manual on Uniform Traffic Control Devices (MUTCD), American Association of State Highway and Transportation Officials (AASHTO), and 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. \$1.5 million accelerated from FY17 to FY14 and \$500,000 shifted from FY17 to FY18 due to fiscal capacity.

Disclosures

Expenditures will continue indefinitely.

Coordination

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