Resurfacing: Primary/Arterial -- No. 508527

Category	Transportation	Date Last Modified	May 24, 2010
Subcategory	Highway Maintenance	Required Adequate Public Facility	No
Administering Agency	Transportation	Relocation Impact	None.
Planning Area	Countywide	Status	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	7,937	0	1,637	6,300	975	1,125	1,050	1,050	1,050	1,050	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	44,979	0	9,279	35,700	5,525	6,375	5,950	5,950	5,950	5,950	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	**52,916**	**0**	**10,916**	**42,000**	**6,500**	**7,500**	**7,000**	**7,000**	**7,000**	**7,000**	*

FUNDING SCHEDULE ($000)

G.O. Bonds	52,916	0	10,916	42,000	6,500	7,500	7,000	7,000	7,000	7,000	0
Total	**52,916**	**0**	**10,916**	**42,000**	**6,500**	**7,500**	**7,000**	**7,000**	**7,000**	**7,000**	**0**

DESCRIPTION

The County maintains approximately 874 lane miles of primary and arterial roadways. This project provides for the systematic milling, repair, and bituminous concrete resurfacing of selected primary and arterial roads and revitalization of others. This project includes the Main Street Montgomery Program and provides for a systematic, full-service, and coordinated revitalization of the primary and arterial road infrastructure to ensure viability of the primary transportation network and enhance safety and ease of use for all users. A portion of the work will be performed by the County's in-house paving crew.

Mileage of primary/arterial roads has been adjusted to conform with the inventory maintained by the State Highway Administration. This inventory is updated annually.

COST CHANGE

Increase due to addition of FY15-16 to this ongoing level of effort project. FY11 expenditures of two million accelerated by FY10 supplemental request; FY11-16 reduction due to reallocation of 2 million in FY11, 1 million in FY12, and 1.5 million per year in FY13-14 from this project to Permanent Patching:Residential/Rural Roads CIP# 501106.

JUSTIFICATION

Primary and Arterial roadways provide transport support for tens of thousands of trips each day. Primary and arterial roads connect diverse origins and destinations that include commercial, retail, industrial, residential, places of worship, recreation, and community facilities. The repair of the County's primary and arterial roadway infrastructure is critical to mobility throughout the County. In addition, the state of disrepair of the primary and arterial roadway system causes travel delays, increased traffic congestion, and compromises the safety and ease of travel along all primary and arterial roads, including pedestrians and bicyclists. Well maintained road surfaces increases safety and assist in the relief of traffic congestion.

In FY09, the Department of Transportation instituted a contemporary pavement management system. This system provides for systematic physical condition surveys. The physical condition surveys note the type, level, and extent of primary/arterial pavement deterioration combined with average daily traffic and other usage characteristics. This information is used to calculate specific pavement ratings; types of repair strategies needed, and associated repair costs, as well as the overall Pavement Condition Index (PCI) of the entire primary/arterial network. The system also provides for budget optimization and recommending annual budgets for a systematic approach to maintaining a healthy primary/arterial pavement inventory.

OTHER

One aspect of this project will focus on improving pedestrian mobility by creating a safer walking environment, utilizing selected engineering technologies, and ensuring Americans with Disabilities Act (ADA) compliance. Several existing CIP and operating funding sources will be focused in support of the Main Stree Montgomery campaign. The design and planning stages, as well as final completion of the project will comply the Department of Transportation (DOT), Maryland State Highway Administration (MSHA), Manual on Uniform Traffic Control Devices (MUTCD), American Association of State Highway Officials (AASHTO), and ADA standards.

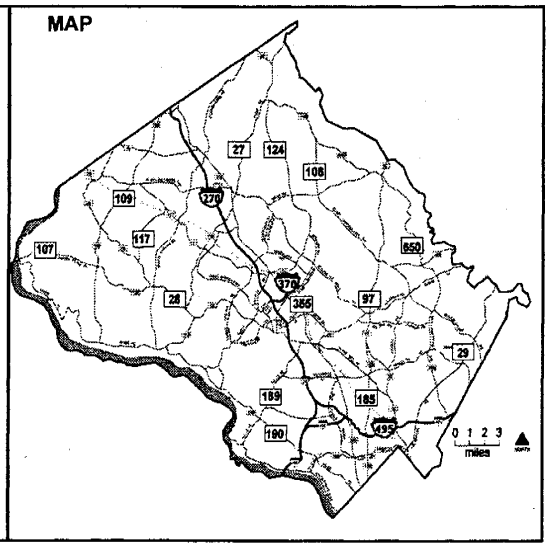
OTHER DISCLOSURES

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

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY85	($000)
First Cost Estimate Current Scope	FY11	52,916
Last FY's Cost Estimate		50,368
Appropriation Request	FY11	6,500
Appropriation Request Est.	FY12	7,500
Supplemental Appropriation Request		2,000
Transfer		0
Cumulative Appropriation		8,916
Expenditures / Encumbrances		7,000
Unencumbered Balance		1,916
Partial Closeout Thru	FY08	55,545
New Partial Closeout	FY09	7,451
Total Partial Closeout		62,996

COORDINATION

Washington Suburban Sanitary Commission
Other Utilities
Department of Transportation
Department of Housing and Community Affairs
Montgomery County Public Schools
Maryland - National Capital Park and Planning Commission
Department of Economic Development
Department of Permitting Services
Regional Services Centers
Community Associations
Montgomery County Pedestrian Safety Advisory Committee
Commission on People with Disabilities

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