

# Resurfacing: Primary/Arterial -- No. 508527

Category  
Subcategory  
Administering Agency  
Planning Area

Transportation  
Highway Maintenance  
Transportation  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

January 09, 2012  
No  
None.  
On-going

## EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	9,883	6	3,277	6,600	1,200	1,200	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	302	302	0	0	0	0	0	0	0	0	0
Construction	49,009	6,476	5,133	37,400	6,800	6,800	5,950	5,950	5,950	5,950	0
Other	26	0	26	0	0	0	0	0	0	0	0
<b>Total</b>	<b>59,220</b>	<b>6,784</b>	<b>8,436</b>	<b>44,000</b>	<b>8,000</b>	<b>8,000</b>	<b>7,000</b>	<b>7,000</b>	<b>7,000</b>	<b>7,000</b>	<b>*</b>

## FUNDING SCHEDULE (\$000)

G.O. Bonds	59,220	6,784	8,436	44,000	8,000	8,000	7,000	7,000	7,000	7,000	0
<b>Total</b>	<b>59,220</b>	<b>6,784</b>	<b>8,436</b>	<b>44,000</b>	<b>8,000</b>	<b>8,000</b>	<b>7,000</b>	<b>7,000</b>	<b>7,000</b>	<b>7,000</b>	<b>0</b>

### DESCRIPTION

The County maintains approximately 966 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. 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 in FY13-14 to address pavement infrastructure maintenance backlog; increase also due to the addition of FY17-18 to this ongoing level of effort project.

### 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 increase 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 and subsequent ratings of all primary/arterial pavements as well as calculating the rating health of the primary roadway network as a whole. Physical condition inspections of the pavements will occur on a 2-3 year cycle. 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 recommends 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 Street Montgomery campaign. The design and planning stages, as well as final completion of the project will comply with 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	FY13	59,220
Current Scope		
Last FY's Cost Estimate		43,220
Appropriation Request	FY13	8,000
Appropriation Request Est.	FY14	8,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		15,220
Expenditures / Encumbrances		7,189
Unencumbered Balance		8,031
Partial Closeout Thru	FY10	72,692
New Partial Closeout	FY11	0
Total Partial Closeout		72,692

### 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

### MAP

