

Resurfacing: Residential/Rural Roads -- No. 500511

Category
Subcategory
Administering Agency
Planning Area

Transportation
Highway Maintenance
Transportation
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

May 21, 2010
No
None.
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	5,410	37	2,405	2,968	225	230	263	750	750	750	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	43,381	12,940	13,625	16,816	1,275	1,304	1,487	4,250	4,250	4,250	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	48,791	12,977	16,030	19,784	1,500	1,534	1,750	5,000	5,000	5,000	*

FUNDING SCHEDULE (\$000)

Current Revenue: General	309	309	0	0	0	0	0	0	0	0	0
G.O. Bonds	46,865	11,051	16,030	19,784	1,500	1,534	1,750	5,000	5,000	5,000	0
PAYGO	1,617	1,617	0	0	0	0	0	0	0	0	0
Total	48,791	12,977	16,030	19,784	1,500	1,534	1,750	5,000	5,000	5,000	0

DESCRIPTION

This project provides for the permanent patching and resurfacing of rural and residential roadways using durable hot mix asphalt to restore long-term structural integrity to the aging rural and residential roadway infrastructure. The County maintains a combined total of 3,940 lane miles of rural and residential roads. Preventative maintenance includes full-depth patching of distressed areas of pavement in combination with a new hot mix asphalt wearing surface of 1-inch to 2-inches depending on the levels of observed distress.

COST CHANGE

Increase due to addition of FY15-16 to this ongoing level of effort project less reallocation of one million per year (FY11-14) from this project to Permanent Patching: Residential/Rural Roads CIP# 501106. Accelerated \$6.7 million from FY11-16 into FY10.

JUSTIFICATION

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 residential 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 residential network. The system also provides for budget optimization and recommending annual budgets for a systematic approach to maintaining a healthy residential pavement inventory.

The latest survey indicated that 2,271 lane miles of roadway (fifty-five percent) require significant levels of rehabilitation.

Physical condition inspections of residential pavements will occur on a 2-year cycle.

OTHER

The design and planning stages, as well as project construction, will comply with the Department of Transportation (DOT), Maryland State Highway Administration (MSHA), Manual on Uniform Traffic Control Devices (MUTCD), American Association of State and Highway Officials (AASHTO), and American with Disabilities Act (ADA). Rural/residential road mileage has been adjusted to conform with the State inventory of road mileage maintained by the State Highway Administration (SHA). This inventory is updated annually. Expenditures will continue indefinitely.

FISCAL NOTE

FY10 Supplemental: FY11 expenditures of three million accelerated by FY10 supplemental request; addition of second FY10 supplemental of \$6.7 million. Replace Current Revenue funding in FY10 with GO Bonds.

OTHER DISCLOSURES

- * Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY05	(\$000)
First Cost Estimate		
Current Scope	FY11	48,791
Last FY's Cost Estimate		46,291
Appropriation Request	FY11	1,500
Appropriation Request Est.	FY12	1,534
Supplemental Appropriation Request		6,716
Transfer		0
Cumulative Appropriation		22,291
Expenditures / Encumbrances		16,786
Unencumbered Balance		5,505
Partial Closeout Thru	FY08	0
New Partial Closeout	FY09	0
Total Partial Closeout		0

COORDINATION

Washington Suburban Sanitary Commission
Washington Gas Light Company
PEPCO
Cable TV
Verizon
United States Post Office

MAP

