



Resurfacing: Residential/Rural Roads

(P500511)

Category	Transportation	Date Last Modified	06/23/26
SubCategory	Highway Maintenance	Administering Agency	Transportation
Planning Area	Countywide	Status	Ongoing

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY25	Est FY26	Total 6 Years	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	Beyond 6 Years
Planning, Design and Supervision	23,441	488	5,871	17,082	3,126	1,782	2,281	2,881	2,982	4,030	-
Site Improvements and Utilities	10	10	-	-	-	-	-	-	-	-	-
Construction	307,633	202,332	8,500	96,801	17,712	10,098	12,928	16,328	16,898	22,837	-
Other	436	436	-	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	331,520	203,266	14,371	113,883	20,838	11,880	15,209	19,209	19,880	26,867	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY25	Est FY26	Total 6 Years	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	Beyond 6 Years
Current Revenue: General	1,865	1,865	-	-	-	-	-	-	-	-	-
G.O. Bond Premium	16,000	16,000	-	-	-	-	-	-	-	-	-
G.O. Bonds	283,360	155,106	14,371	113,883	20,838	11,880	15,209	19,209	19,880	26,867	-
Land Sale	11,000	11,000	-	-	-	-	-	-	-	-	-
PAYGO	16,383	16,383	-	-	-	-	-	-	-	-	-
Recordation Tax Premium (MCG)	2,912	2,912	-	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	331,520	203,266	14,371	113,883	20,838	11,880	15,209	19,209	19,880	26,867	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 27 Request	20,838	Year First Appropriation	FY05
Appropriation FY 28 Request	11,880	Last FY's Cost Estimate	265,157
Cumulative Appropriation	217,637		
Expenditure / Encumbrances	205,478		
Unencumbered Balance	12,159		

PROJECT 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 4,361 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 one-inch to two-inches depending on the levels of observed distress. A portion of this work will be performed by the County in-house paving crew.

COST CHANGE

Cost change is due to increases in unit costs for materials and contractual labor, an increase in funding levels, where affordable, to more closely match the current countywide Pavement Condition Index (PCI) for residential and rural roads, as well as adding FY31 and FY32 to this Level of Effort project.

PROJECT JUSTIFICATION

In FY09, the Department of Transportation instituted a contemporary pavement management system. This system provides for systematic physical condition surveys. The surveys note the type, level, and extent of residential pavement deterioration combined with average daily traffic and other usage characteristics. The 2024 pavement condition survey is used to calculate specific pavement ratings, types of repair strategies needed, and associated repair cost, as well as the overall Pavement Condition Index (PCI) for the residential and rural network. The system also provides for budget optimization and recommending annual budgets for a systematic approach to maintaining a healthy pavement inventory.

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 Highway and Transportation 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.

FISCAL NOTE

The total annual funding amount required across the three residential and rural road CIP projects (Permanent Patching, Rehabilitation, and Resurfacing) to maintain the current Countywide Pavement Condition Index of 68 for residential and rural roads is \$56.7 million. Related CIP projects include Residential and Rural Road Rehabilitation (No. 500914) and Resurfacing: Residential/Rural Roads (No. 500511).

DISCLOSURES

Expenditures will continue indefinitely.

COORDINATION

WSSC Water, Washington Gas: Light Company, Montgomery County Department of Permitting Services, Pepco, Cable TV, Verizon, Montgomery County Public Schools, Regional Services Centers, Community Associations, Commission on People with Disabilities