

# Needwood Road Bikepath (P501304)

Category	Transportation	Date Last Modified	8/19/16
Sub Category	Pedestrian Facilities/Bikeways	Required Adequate Public Facility	Yes
Administering Agency	Transportation (AAGE30)	Relocation Impact	None
Planning Area	Shady Grove Vicinity	Status	Under Construction

	Total	Thru FY16	Rem FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	2,557	1,349	508	700	349	351	0	0	0	0	0
Land	90	6	46	38	38	0	0	0	0	0	0
Site Improvements and Utilities	146	50	10	86	0	86	0	0	0	0	0
Construction	2,972	0	1,025	1,947	359	1,588	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>5,765</b>	<b>1,405</b>	<b>1,589</b>	<b>2,771</b>	<b>746</b>	<b>2,025</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	4,905	1,290	1,589	2,026	1	2,025	0	0	0	0	0
State Aid	860	115	0	745	745	0	0	0	0	0	0
<b>Total</b>	<b>5,765</b>	<b>1,405</b>	<b>1,589</b>	<b>2,771</b>	<b>746</b>	<b>2,025</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000s)

Energy				40	0	0	10	10	10	10
Maintenance				8	0	0	2	2	2	2
<b>Net Impact</b>				<b>48</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>

### APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		5,765
Expenditure / Encumbrances		2,881
Unencumbered Balance		2,884

Date First Appropriation	FY 15	
First Cost Estimate		
Current Scope	FY 17	5,765
Last FY's Cost Estimate		5,765

## Description

This project provides for the design of a new 8-foot wide shared use path along the south side of Needwood Road, a distance of approximately 1.7 miles, between Deer Lake Road and Muncaster Mill Road (MD 115) in order to provide a safe and continuous pedestrian and bike connection to the Shady Grove Metro Station, Colonel Zadok Magruder High School, the Inter-County Connector (ICC) Shared Use Path, Rock Creek Trail, future North Branch Trail, and Rock Creek Regional Park (Lake Needwood). The project will also include the design and construction of the crossing of Muncaster Mill Road at Needwood Road intersection and a new 6-foot sidewalk along the east side of Muncaster Mill Road, a distance of approximately 450 feet, from Needwood Road to Colonel Zadok Magruder High School.

## Estimated Schedule

The right-of-way acquisition for a shared use path along Needwood Road from Deer Lake Road to west of Lake Needwood and from the ICC trail termini to Muncaster Mill Road will be completed in FY17. Construction will start in FY16 and be completed in FY18.

## Cost Change

Cost increase of \$1.57 million due to an increase in the project scope including replacement of parapet walls on Needwood Road bridge and of approximately 1,600 feet of traffic barriers to meet American Association of State Highway and Transportation Officials (AASHTO) current design standards and additional 5-foot wide full depth pavement on the north side of the road along Lake Needwood needed to accommodate additional 1,400 feet of traffic barriers between the road and the proposed bike path.

## Justification

This project will provide for a safe and continuous pedestrian and bike access to Shady Grove Metro Station, schools, parks and bicycle trails to enhance multi-modal transportation for commuters and recreational users. The Upper Rock Creek Area Master Plan (2004) and Countywide Bikeways Functional Master Plan (2005) propose a dual bikeway - shared use path and on-road bike lanes - on Needwood Road from Redland Road to Muncaster Mill Road. Design of this project will not preclude the future implementation of on-road bike lanes on Needwood Road.

## Fiscal Note

This project is approved for \$860,000 in state grants for the design and construction of a shared-use path along Needwood Road from the ICC to west of Lake Needwood. An FY14 supplemental appropriation request was approved for this project for the amount of \$1,930,000 (including \$860,000 in state aid and \$1,070,000 in matching County bonds). Funds for this project were originally programmed through Bikeway Program-Minor Projects (CIP #507596).

## Disclosures

A pedestrian impact analysis has been completed for this project.

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The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

### **Coordination**

Maryland Department of Transportation, Maryland State Highway Administration, Maryland-National Capital Park and Planning Commission