



Needwood Road Bikepath

(P501304)

Category	Transportation	Date Last Modified	11/03/21
SubCategory	Pedestrian Facilities/Bikeways	Administering Agency	Transportation
Planning Area	Upper Rock Creek Watershed	Status	Under Construction
Required Adequate Public Facility	Yes		

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY21	Est FY22	Total 6 Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Years
Planning, Design and Supervision	1,900	1,884	16	-	-	-	-	-	-	-	-
Land	80	80	-	-	-	-	-	-	-	-	-
Site Improvements and Utilities	50	50	-	-	-	-	-	-	-	-	-
Construction	3,735	3,735	-	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	5,765	5,749	16	-	-	-	-	-	-	-	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY21	Est FY22	Total 6 Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Years
G.O. Bonds	4,349	4,333	16	-	-	-	-	-	-	-	-
Impact Tax	556	556	-	-	-	-	-	-	-	-	-
State Aid	860	860	-	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	5,765	5,749	16	-	-	-	-	-	-	-	-

OPERATING BUDGET IMPACT (\$000s)

Impact Type	Total 6 Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28
Maintenance	12	2	2	2	2	2	2
Energy	60	10	10	10	10	10	10
NET IMPACT	72	12	12	12	12	12	12

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 23 Request	-	Year First Appropriation	FY15
Appropriation FY 24 Request	-	Last FY's Cost Estimate	5,765
Cumulative Appropriation	5,765		
Expenditure / Encumbrances	5,755		
Unencumbered Balance	10		

PROJECT 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 was completed in FY17. Construction started in FY16 and be completed in FY19.

PROJECT 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.

OTHER

This project also supports the County Executive's Vision Zero initiative which aims to reduce injuries and fatalities on all roads.

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). In FY20, funding switch from GO Bonds to Impact Tax.

DISCLOSURES

A pedestrian impact analysis has been completed for this project. The County Executive asserts that this project conforms to the requirement 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