Redland Road Bridge No. M-0056

(P502507)

Category	Transportation	Date Last Modified	01/10/26
SubCategory	Bridges	Administering Agency	Transportation
Planning Area	Upper Rock Creek Watershed	Status	Final Design Stage

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	1,107	23	894	190	190	-	-	-	-	-	-
Land	83	-	83	-	-	-	-	-	-	-	-
Site Improvements and Utilities	635	-	635	-	-	-	-	-	-	-	-
Construction	4,071	-	3,233	838	838	-	-	-	-	-	-
TOTAL EXPENDITURES	5,896	23	4,845	1,028	1,028	-	-	-	-	-	-

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
G.O. Bonds	5,491	-	4,718	773	773	-	-	-	-	-	-
Intergovernmental	405	23	127	255	255	-	-	-	-	-	-
TOTAL FUNDING SOURCES	5,896	23	4,845	1,028	1,028	-	-	-	-	-	-

OPERATING BUDGET IMPACT ($000s)

Impact Type		Total 6 Years	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32
Maintenance		25	-	5	5	5	5	5
NET IMPACT		25	-	5	5	5	5	5

APPROPRIATION AND EXPENDITURE DATA ($000s)

Appropriation FY 27 Request	1,028	Year First Appropriation	FY25
Appropriation FY 28 Request	-	Last FY's Cost Estimate	4,000
Cumulative Appropriation	4,868		
Expenditure / Encumbrances	23		
Unencumbered Balance	4,845		

PROJECT DESCRIPTION

This project provides for the replacement of the existing bridge (M-0056) on Redland Road over Mill Creek. The existing single-span concrete slab bridge will be removed and replaced with a new prestressed concrete box beam superstructure and precast concrete abutments and wing walls. The new superstructure will be constructed in the same location. The project also includes approach

roadway work at each end of the bridge as necessary to tie into the existing roadway. The bridge and road will be closed to traffic during construction. Accelerated bridge construction techniques will be utilized to minimize the disruption to the traveling public and local community.

LOCATION

This project is located on Redland Road over Mill Creek, approximately 900 feet north of the intersection of Redland Road and Briardale Road.

ESTIMATED SCHEDULE

Design was completed in FY25. Construction is scheduled to start in FY26 and be completed in FY27. The bridge and road will be closed to traffic from June 2026 to August 2026 during construction while schools are out of session.

COST CHANGE

Construction cost increases due to inflation and for utility relocations to minimize impacts to parkland.

PROJECT JUSTIFICATION

The existing concrete deck is in need of reconstruction and the existing concrete abutments and slope protections and steel frames and bearings are in need of repairs. The 2019 inspection revealed spalls and cracks at the concrete deck, abutments and slope protections, and pack rust, corrosion, and delamination at the steel frames and bearings. The proposed bridge replacement is necessary to provide a safe roadway condition for the traveling public.

FISCAL NOTE

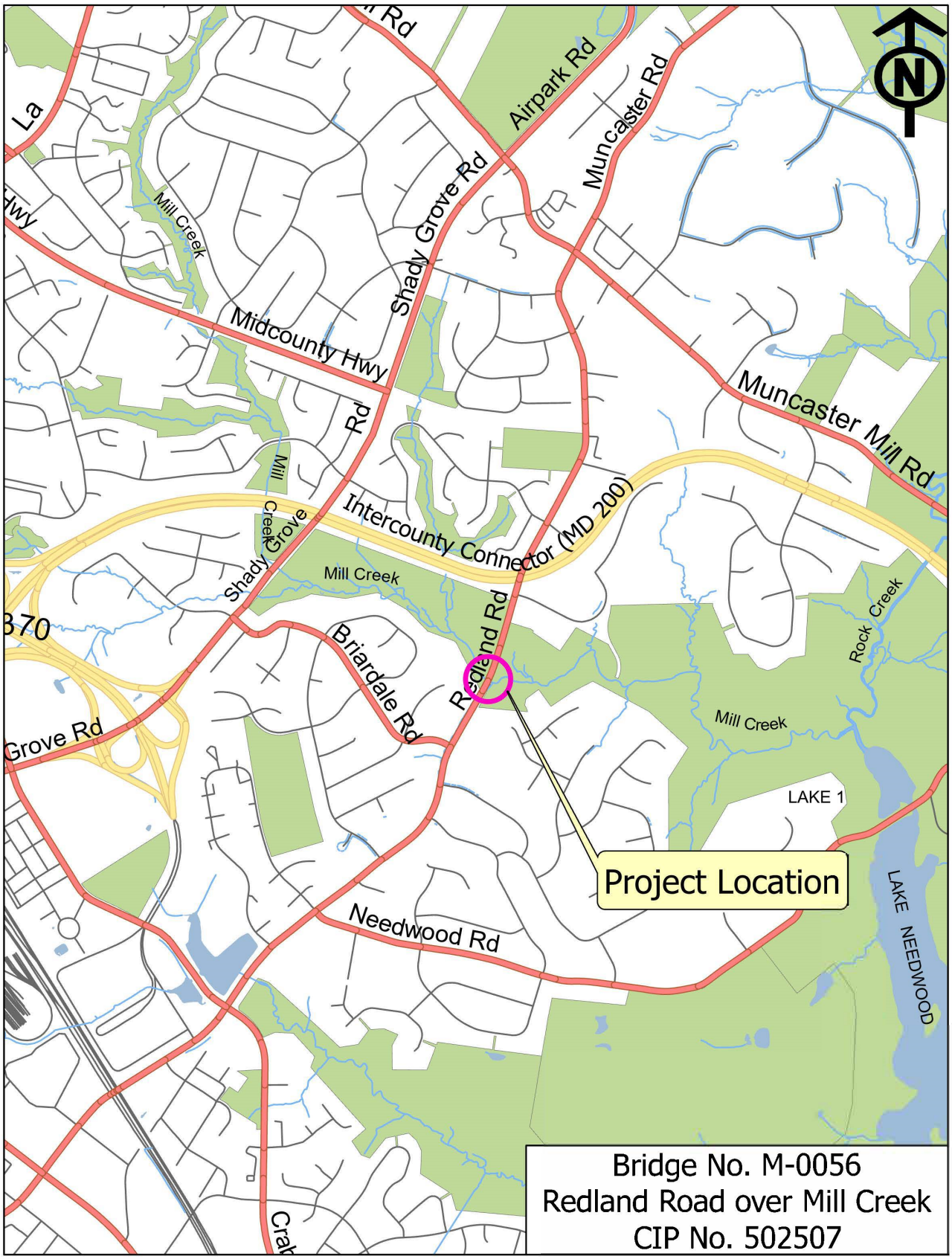
The design costs for this project are covered in the Bridge Design project (CIP No. 509132). Intergovernmental funding contribution from WSSC Water is for the water line relocation. Project does not qualify for federal aid since existing bridge span is less than 20' long. FY26 transfer in from the State Transportation Participation project (No. 500722) for $868,000 in GO Bonds.

DISCLOSURES

A pedestrian impact analysis has been completed for this project.

COORDINATION

Maryland Department of Transportation, State Highway Administration, Maryland Department of the Environment, Maryland Historical Trust, Maryland-National Capital Park and Planning Commission, Montgomery County Department of Permitting Services, and utility companies


Airpark Rd
Muncaster Rd
Shady Grove Rd
Midcounty Hwy
Muncaster Mill Rd
Intercounty Connector (MD 200)
Mill Creek
Rock Creek
Redland Rd
Briardale Rd
Needwood Rd
LAKE 1
LAKE NEEDWOOD
Project Location
Bridge No. M-0056
Redland Road over Mill Creek
CIP No. 502507