



Redland Road Bridge No. M-0056

(P502507)

Category	Transportation	Date Last Modified	01/08/24
SubCategory	Bridges	Administering Agency	Transportation
Planning Area	Upper Rock Creek Watershed	Status	Final Design Stage

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY23	Est FY24	Total 6 Years	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Beyond 6 Years
Planning, Design and Supervision	851	-	-	851	139	712	-	-	-	-	-
Land	83	-	-	83	83	-	-	-	-	-	-
Site Improvements and Utilities	300	-	-	300	300	-	-	-	-	-	-
Construction	2,766	-	-	2,766	691	2,075	-	-	-	-	-
TOTAL EXPENDITURES	4,000	-	-	4,000	1,213	2,787	-	-	-	-	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY23	Est FY24	Total 6 Years	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Beyond 6 Years
G.O. Bonds	3,850	-	-	3,850	1,063	2,787	-	-	-	-	-
Intergovernmental	150	-	-	150	150	-	-	-	-	-	-
TOTAL FUNDING SOURCES	4,000	-	-	4,000	1,213	2,787	-	-	-	-	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 25 Request	4,000	Year First Appropriation	FY25
Appropriation FY 26 Request	-	Last FY's Cost Estimate	-
Cumulative Appropriation	-		
Expenditure / Encumbrances	-		
Unencumbered Balance	-		

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

The design of the project is expected to be completed in 2024. The construction is scheduled to start in the spring of 2025 and be completed in the fall of 2025. The bridge and road will be closed to traffic from June 2025 to August 2025 during construction while schools are out of session.

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.

OTHER

The design costs for this project are covered in the "Bridge Design" project (CIP No. 509132).

FISCAL NOTE

Intergovernmental funding contribution from WSSC Water for water line relocation is anticipated. Relocation cost and contribution amount will be updated during the final design phase.

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.