



Seven Locks Road Culvert Replacement

(P502513)

Category	Transportation	Date Last Modified	01/08/26
SubCategory	Bridges	Administering Agency	Transportation
Planning Area	Potomac-Cabin John and Vicinity	Status	Preliminary 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	933	-	-	933	664	269	-	-	-	-	-
Land	77	8	69	-	-	-	-	-	-	-	-
Site Improvements and Utilities	200	-	-	200	200	-	-	-	-	-	-
Construction	3,590	-	-	3,590	2,719	871	-	-	-	-	-
TOTAL EXPENDITURES	4,800	8	69	4,723	3,583	1,140	-	-	-	-	-

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	4,800	8	69	4,723	3,583	1,140	-	-	-	-	-
TOTAL FUNDING SOURCES	4,800	8	69	4,723	3,583	1,140	-	-	-	-	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 27 Request	-	Year First Appropriation	FY25
Appropriation FY 28 Request	-	Last FY's Cost Estimate	4,800
Cumulative Appropriation	4,800		
Expenditure / Encumbrances	8		
Unencumbered Balance	4,792		

PROJECT DESCRIPTION

This project provides for the replacement of two failing culverts under Seven Locks Road in front of the historic Scotland AME Zion Church. Work was originally initiated under the Bridge Renovation project (P509753). The existing culverts to be replaced are twin 44" by 72" structural plate pipe arch (SPPA) and a 36" by 56" corrugated metal pipe (CMP). The replacement culverts will be upsized to allow for significantly more flow in order to mitigate flooding risk to the church property.

LOCATION

The project is located in front of Scotland AME Zion Church, located at 10902 Seven Locks Rd, Rockville, MD 20854.

CAPACITY

The Average Daily Traffic (ADT) is approximately 14,224 vehicles. The roadway capacity will not change as a result of this project.

ESTIMATED SCHEDULE

Property acquisition is scheduled for FY26. Construction is scheduled for FY27 and will be completed in FY28. The estimated duration of construction is 12 months. Project experienced unanticipated utility relocations and negotiations with the Scotland AME Zion Church resulting in design delays.

PROJECT JUSTIFICATION

The proposed replacement work is necessary to provide a safe roadway condition for the traveling public. The 2023 Bridge Inspection Report indicates that the steel culverts have 100 percent invert section loss and are in poor condition. In the past, the historic Scotland AME Church suffered multiple instances of severe flooding resulting in damage to the property. The church is currently undergoing restoration and renovation, including improvements to protect the building from flooding. In 2024, the Montgomery County Departments of Transportation and Permitting Services conducted further study of the area and concluded that increasing conveyance capacity of culverts in front of the church from the current design criteria of a 25-year storm to a 100-year storm would further mitigate risk of flooding to the church property.

FISCAL NOTE

The design will be completed in FY26 under Bridge Renovation (CIP 509753).

DISCLOSURES

A pedestrian impact analysis has been completed for this project.

COORDINATION

Maryland Department of the Environment, Maryland-National Capital Park and Planning Commission, Scotland AME Zion Church, Montgomery County Department of Permitting Services, and Utilities.

