



Seven Locks Road Culvert Replacement (P502513)

Category	Transportation	Date Last Modified	04/17/24
SubCategory	Bridges	Administering Agency	Transportation
Planning Area	Potomac-Cabin John and Vicinity	Status	Preliminary 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	550	-	-	550	550	-	-	-	-	-	-
Site Improvements and Utilities	400	-	-	400	400	-	-	-	-	-	-
Construction	3,850	-	-	3,850	3,850	-	-	-	-	-	-
TOTAL EXPENDITURES	4,800	-	-	4,800	4,800	-	-	-	-	-	-

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	4,800	-	-	4,800	4,800	-	-	-	-	-	-
TOTAL FUNDING SOURCES	4,800	-	-	4,800	4,800	-	-	-	-	-	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 25 Approp. Request	4,800	Year First Appropriation	
Appropriation FY 26 Approp. Request	-	Last FY's Cost Estimate	-
Cumulative Appropriation	-		
Expenditure / Encumbrances	-		
Unencumbered Balance	-		

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 and mitigate flooding risk to the church property.

ESTIMATED SCHEDULE

Design and construction will be completed in 2025.

PROJECT JUSTIFICATION

The proposed replacement work provides safe roadway condition for the travelling public. The 2023 Bridge inspection report indicates that the steel culverts have 100% 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.

COORDINATION

Maryland Department of the Environment, Maryland-National Capital Park and Planning Commission, Montgomery County Department of Permitting Services, and utilities.