



Bridge Renovation

(P509753)

Category	Transportation	Date Last Modified	04/25/24
SubCategory	Bridges	Administering Agency	Transportation
Planning Area	Countywide	Status	Ongoing

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	24,008	17,423	965	5,620	1,520	270	700	970	1,365	795	-
Land	359	359	-	-	-	-	-	-	-	-	-
Site Improvements and Utilities	38	38	-	-	-	-	-	-	-	-	-
Construction	50,558	17,953	14,105	18,500	2,500	3,750	3,320	3,050	2,655	3,225	-
Other	98	98	-	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	75,061	35,871	15,070	24,120	4,020	4,020	4,020	4,020	4,020	4,020	-

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
Federal Aid	800	-	800	-	-	-	-	-	-	-	-
G.O. Bonds	69,147	34,312	12,077	22,758	3,793	3,793	3,793	3,793	3,793	3,793	-
State Aid	4,114	559	2,193	1,362	227	227	227	227	227	227	-
Stormwater Management Waiver Fees	1,000	1,000	-	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	75,061	35,871	15,070	24,120	4,020	4,020	4,020	4,020	4,020	4,020	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 25 Approp. Request	6,240	Year First Appropriation	FY97
Appropriation FY 26 Approp. Request	-	Last FY's Cost Estimate	69,488
Cumulative Appropriation	52,741		
Expenditure / Encumbrances	39,678		
Unencumbered Balance	13,063		

PROJECT DESCRIPTION

This project provides for the renovation of County roadway and pedestrian bridges that have been identified as needing repair work beyond routine maintenance levels to assure continued safe functioning. Renovation work involves planning, preliminary engineering, project management, inspection, and construction. Construction is performed on various components of the bridge structures. Superstructure repair or replacement items include decking, support beams, bearing assemblies, and expansion joints. Substructure repair or replacement items include concrete abutments, backwalls, and wingwalls. Culvert repairs include concrete headwalls, structural steel plate pipe arch replacements, installation of concrete inverts, and placement of stream scour protection. Other renovation work

includes paving of bridge deck surfaces, bolted connection replacements, stone slope protection, reconstruction of approach roadways, concrete crack injection, deck joint material replacement, scour protection, and installation of traffic safety barriers. The community outreach program informs the public when road closures or major lane shifts are necessary. Projects are reviewed and scheduled to reduce community impacts as much as possible, especially to school bus routes.

COST CHANGE

Cost increase due to addition of FY29 and FY30 to this level of effort project. Total funding in FY25-28 reduced for fiscal capacity. Cost decrease in FY24 due to shifting funds for Seven Locks Road Culvert Replacement to a standalone CIP project.

PROJECT JUSTIFICATION

The Biennial Bridge Inspection Program, a Federally mandated program, provides specific information to identify deficient bridge elements. Bridge renovation also provides the ability for quick response and resolution to public concerns for highway and pedestrian bridges throughout the County.

OTHER

The objective of this program is to identify bridges requiring extensive structural repairs and perform the work in a timely manner to avoid emergency situations and major public inconvenience. Construction work under this project is typically performed by the County's Division of Highway Services.

FISCAL NOTE

Federal aid includes American Rescue Plan Act State and Local Fiscal Recovery Funds.

DISCLOSURES

Expenditures will continue indefinitely. 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

Department of Transportation, Maryland State Highway Administration, Maryland Department of Natural Resources, Maryland Historic Trust, U.S. Fish and Wildlife Service, CSX Transportation