

# Bridge Renovation (P509753)

Category Transportation  
 Sub Category Bridges  
 Administering Agency Transportation (AAGE30)  
 Planning Area Countywide

Date Last Modified 11/17/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Ongoing

	Total	Thru FY14	Rem FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,799	473	786	540	90	90	90	90	90	90	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	6,896	171	2,530	4,195	610	1,145	610	610	610	610	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>8,695</b>	<b>644</b>	<b>3,316</b>	<b>4,735</b>	<b>700</b>	<b>1,235</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>0</b>

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	6,678	471	2,707	3,500	600	1,008	473	473	473	473	0
State Aid	2,017	173	609	1,235	100	227	227	227	227	227	0
<b>Total</b>	<b>8,695</b>	<b>644</b>	<b>3,316</b>	<b>4,735</b>	<b>700</b>	<b>1,235</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>0</b>

### APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 16	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		4,159
Expenditure / Encumbrances		1,041
Unencumbered Balance		4,854

Date First Appropriation FY 97		
First Cost Estimate		
Current Scope	FY 15	8,211
Last FY's Cost Estimate		8,211
Partial Closeout Thru	FY 15	9,470
New Partial Closeout	FY 16	640
Total Partial Closeout		10,110

## 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 as many community impacts as possible, especially to school bus routes.

## Cost Change

Decrease due to capitalization of prior year costs

## Justification

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

## Fiscal Note

A funding switch in FY16-20 moves \$127,000 in State Aid from the Bridge Design project (#509132) to facilitate state reimbursement. GO Bonds replace State Aid which was shifted back to the Bridge Design project. Transfer into this project of 1,201M in GO Bonds from 500552

## Disclosures

Expenditures will continue indefinitely.

The Executive asserts that this project conforms to the requirements 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