

# Bridge Renovation (P509753)

Category	Transportation	Date Last Modified	12/23/13
Sub Category	Bridges	Required Adequate Public Facility	No
Administering Agency	Transportation (AAGE30)	Relocation Impact	None
Planning Area	Countywide	Status	Ongoing

Total	Thru FY13	Est 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	2,152	353	1,259	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	6,059	644	1,755	3,660	610	610	610	610	610	610	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>8,211</b>	<b>997</b>	<b>3,014</b>	<b>4,200</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>0</b>

## FUNDING SCHEDULE (\$000s)

G.O. Bonds	6,829	997	2,232	3,600	600	600	600	600	600	600	0
State Aid	1,382	0	782	600	100	100	100	100	100	100	0
<b>Total</b>	<b>8,211</b>	<b>997</b>	<b>3,014</b>	<b>4,200</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>0</b>

## APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 15	789
Appropriation Request Est.	FY 16	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		4,622
Expenditure / Encumbrances		1,288
Unencumbered Balance		3,334

Date First Appropriation	FY 97
First Cost Estimate	
Current Scope	FY 15
Last FY's Cost Estimate	5,890
Partial Closeout Thru	8,473
New Partial Closeout	997
Total Partial Closeout	9,470

## 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

Increase due to addition of FY19 and FY20 to this ongoing project partially offset by the 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.

## 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 Division of Highway Services.

## 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