

# Bridge Renovation -- No. 509753

Category  
Subcategory  
Administering Agency  
Planning Area

Transportation  
Bridges  
Transportation  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

January 04, 2012  
No  
None.  
On-going

## EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	792	252	0	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	5,098	295	1,143	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>5,890</b>	<b>547</b>	<b>1,143</b>	<b>4,200</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>*</b>

## FUNDING SCHEDULE (\$000)

G.O. Bonds	4,809	547	662	3,600	600	600	600	600	600	600	0
State Aid	1,081	0	481	600	100	100	100	100	100	100	0
<b>Total</b>	<b>5,890</b>	<b>547</b>	<b>1,143</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>

### 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 the addition of FY17-18 to this on-going level of effort project.

### 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.

### OTHER DISCLOSURES

- 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.
- \* Expenditures will continue indefinitely.

### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY97	(\$000)
First Cost Estimate	FY13	5,890
Current Scope		
Last FY's Cost Estimate		4,490
Appropriation Request	FY13	1,400
Appropriation Request Est.	FY14	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,690
Expenditures / Encumbrances		772
Unencumbered Balance		918
Partial Closeout Thru	FY10	7,231
New Partial Closeout	FY11	0
Total Partial Closeout		7,231

### COORDINATION

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

### MAP

