

# Bridge Renovation -- No. 509753

Category	Transportation	Date Last Modified	June 25, 2008
Subcategory	Bridges	Required Adequate Public Facility	No
Administering Agency	Transportation	Relocation Impact	None.
Planning Area	Countywide	Status	On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	587	0	47	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	4,165	0	505	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>4,752</b>	<b>0</b>	<b>552</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	3,924	0	324	3,600	600	600	600	600	600	600	0
State Aid	828	0	228	600	100	100	100	100	100	100	0
<b>Total</b>	<b>4,752</b>	<b>0</b>	<b>552</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 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 level of effort funding from FY09 through FY14.

#### JUSTIFICATION

The Biennial Bridge Inspection Program, a Federally-mandated program, provides specific information to identify deficient bridge elements.

#### 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.

#### 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		
Current Scope	FY09	4,702
Last FY's Cost Estimate		2,680
Appropriation Request	FY09	700
Appropriation Request Est.	FY10	700
Supplemental Appropriation Request		0
Transfer		50
Cumulative Appropriation		502
Expenditures / Encumbrances		197
Unencumbered Balance		305
Partial Closeout Thru	FY06	4,951
New Partial Closeout	FY07	498
Total Partial Closeout		5,449

#### COORDINATION

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

#### MAP

