

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 08, 2010
No
None.
On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	668	0	128	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	4,471	0	811	3,660	610	610	610	610	610	610	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	5,139	0	939	4,200	700	700	700	700	700	700	*

FUNDING SCHEDULE (\$000)

G.O. Bonds	4,258	0	658	3,600	600	600	600	600	600	600	0
State Aid	881	0	281	600	100	100	100	100	100	100	0
Total	5,139	0	939	4,200	700	700	700	700	700	700	0

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. Culver 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 FY15-16 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.

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 County forces in the 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		
Current Scope	FY11	5,139
Last FY's Cost Estimate		4,402
Appropriation Request	FY11	1,400
Appropriation Request Est.	FY12	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		939
Expenditures / Encumbrances		248
Unencumbered Balance		691
Partial Closeout Thru	FY08	5,919
New Partial Closeout	FY09	663
Total Partial Closeout		6,582

COORDINATION

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

MAP

