

Bridge Renovation (P509753)

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

Date Last Modified 5/3/13
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY12	Rem FY12	Total 6 Years	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	Beyond 6 Yrs
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EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	921	181	0	740	90	290	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	6,511	440	611	5,460	610	2,410	610	610	610	610	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	7,432	621	611	6,200	700	2,700	700	700	700	700	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	6,409	621	188	5,600	600	2,600	600	600	600	600	0
State Aid	1,023	0	423	600	100	100	100	100	100	100	0
Total	7,432	621	611	6,200	700	2,700	700	700	700	700	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 14	2,700
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,543
Expenditure / Encumbrances		1,025
Unencumbered Balance		1,518

Date First Appropriation	FY 97
First Cost Estimate	
Current Scope	FY 14
	7,432
Last FY's Cost Estimate	5,890
Partial Closeout Thru	7,231
New Partial Closeout	621
Total Partial Closeout	7,852

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 unforeseen emergency projects. In FY13, some of the previously identified bridges in need of renovation will be delayed until FY14. Instead, the most critical unforeseen emergency projects will be completed in FY13 using previously appropriated FY13 funding. In FY14, the remaining unforeseen emergency projects will be completed and all of the previously identified bridges in need of renovation will be completed.

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.

Unforeseen emergency projects for FY13 and FY14 include:

- Cattail Lane Culvert Replacement
- Jerusalem Road Culvert Replacement
- Stoneybrook Drive Bridge slope erosion onto CSX tracks
- Germantown Road Culvert Lining
- Fernmont Lane Culvert Replacement
- Agricultural Farm Entrance Road Culvert Renovation

Disclosures

Expenditures will continue indefinitely.

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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