

Bridge Renovation (P509753)

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

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
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EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	2,653	1,183	0	1,470	245	245	245	245	245	245	0
Land	2	2	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	15	15	0	0	0	0	0	0	0	0	0
Construction	7,971	571	2,870	4,530	755	755	755	755	755	755	0
Other	75	75	0	0	0	0	0	0	0	0	0
Total	10,716	1,846	2,870	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	8,418	1,755	2,025	4,638	773	773	773	773	773	773	0
State Aid	2,298	91	845	1,362	227	227	227	227	227	227	0
Total	10,716	1,846	2,870	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	2,000
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		5,360
Expenditure / Encumbrances		2,321
Unencumbered Balance		3,039

Date First Appropriation	FY 97	
First Cost Estimate		
Current Scope	FY 17	10,716
Last FY's Cost Estimate		8,211
Partial Closeout Thru		10,110
New Partial Closeout		1,846
Total Partial Closeout		11,956

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 community impacts as much as possible, especially to school bus routes.

Cost Change

Increase due to addition of FY21 and FY22 to this ongoing project. Increase also due to additional permitting requirements to replace or rehabilitate steel culverts partially offset by capitalization of prior expenses.

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 County Division of Highway Services.

Fiscal Note

Transfer of \$1.2M from Glenmont Metro Parking Expansion (#500552) in FY16.

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