

Bridge Design (P509132)

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

Date Last Modified 12/23/13
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY13	Est FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
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EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	14,680	10,716	1,101	2,863	928	603	366	322	322	322	0
Land	348	348	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	70	70	0	0	0	0	0	0	0	0	0
Construction	88	88	0	0	0	0	0	0	0	0	0
Other	18	18	0	0	0	0	0	0	0	0	0
Total	15,204	11,240	1,101	2,863	928	603	366	322	322	322	0

FUNDING SCHEDULE (\$000s)

Federal Aid	956	956	0	0	0	0	0	0	0	0	0
G.O. Bonds	11,827	9,477	249	2,101	801	476	239	195	195	195	0
Land Sale	15	15	0	0	0	0	0	0	0	0	0
PAYGO	340	340	0	0	0	0	0	0	0	0	0
State Aid	2,066	452	852	762	127	127	127	127	127	127	0
Total	15,204	11,240	1,101	2,863	928	603	366	322	322	322	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 15	91
Appropriation Request Est.	FY 16	93
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		13,688
Expenditure / Encumbrances		11,607
Unencumbered Balance		2,081

Date First Appropriation FY 91		
First Cost Estimate		
Current Scope	FY 15	15,204
Last FY's Cost Estimate		14,632
Partial Closeout Thru		0
New Partial Closeout		0
Total Partial Closeout		0

Description

This ongoing project provides studies for bridge projects under consideration for inclusion in the CIP. Bridge Design serves as a transition stage for a project between identification of need and its inclusion as a stand-alone construction project in the CIP. Prior to the establishment of a stand-alone project, the Department of Transportation will complete a design which outlines the general and specific features required on the project. Selected projects range in type, but typically consist of upgrading deficient bridges so that they can safely carry all legal loads which must be accommodated while providing a minimum of two travel lanes. Candidate projects currently included are listed below (Other).

Cost Change

Increase due to the addition of FY19 and FY20 to this on-going project and changes due to design schedule.

Justification

There is continuing need for the development of accurate cost estimates and an exploration of alternatives for proposed projects. Bridge design costs for all projects which ultimately become stand-alone PDFs are included here. These costs will not be reflected in the resulting individual project. Future individual CIP projects which result from bridge design will each benefit from reduced planning and design costs. Biennial inspections performed since 1987 have consistently shown that the bridges currently included in the project for design studies are in need of major rehabilitation or replacement. Future individual CIP projects which result from bridge design will each benefit from reduced planning and design costs.

Other

Candidates for this program are identified through the County Biennial Bridge Inspection Program as being deficient, load restricted, or geometrically substandard. The Planning, Design, and Supervision costs for all bridge designs include all costs up to contract preparation. At that point, future costs and Federal aid will be included in stand-alone PDFs

Candidate Projects: Elmhirst Parkway Bridge #MPK-13; Park Valley Road Bridge #MPK-O3; Piney Meetinghouse Road Bridge #M-0021; Whites Ferry Road Bridge #M-0187; Whites Ferry Road Bridge #M-0189; Valley Road Bridge #M-0111; Gold Mine Road Bridge #M-0096; Brink Road Bridge #M-0064; Garrett Park Road Bridge #M-0352; Beach Drive Bridge #MPK-24.

Disclosures

A pedestrian impact analysis has been completed for this project.

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

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Maryland-Department of the Environment, Maryland-Department of Natural Resources, Maryland-National Capital Park and Planning Commission, Montgomery County Department of Permitting Services, U.S. Army Corps of Engineers, Maryland State Highway Administration, Federal Highway Administration, Utility Companies, Maryland Historic Trust, CSX Transportation, Washington Metropolitan Area Transit Authority, Rural/Rustic Roads Legislation