

Bridge Design -- No. 509132

Category
Subcategory
Administering Agency
Planning Area

Transportation
Bridges
Transportation
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

January 03, 2012
No
None.
On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	14,168	9,417	749	4,002	1,182	1,070	646	380	359	365	0
Land	293	293	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	83	83	0	0	0	0	0	0	0	0	0
Other	18	18	0	0	0	0	0	0	0	0	0
Total	14,632	9,881	749	4,002	1,182	1,070	646	380	359	365	*

FUNDING SCHEDULE (\$000)

Federal Aid	954	811	143	0	0	0	0	0	0	0	0
G.O. Bonds	11,511	8,267	254	2,990	1,055	693	519	253	232	238	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	1,812	448	352	1,012	127	377	127	127	127	127	0
Total	14,632	9,881	749	4,002	1,182	1,070	646	380	359	365	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 in the "Other" section below.

COST CHANGE

Increase due to the addition of FY17-18 to this on-going level of effort project.

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. This bridge design project replaces the old facility planning-bridges project.

Candidate Projects:

Elmhurst Parkway Bridge #MPK-13; Park Valley Road Bridge #MPK-03; Randolph Road Bridge M-0080-4; Query Mill Road Bridge #M-0020; 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.

OTHER DISCLOSURES

- A pedestrian impact analysis has been completed for this project.
- 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	FY91	(\$000)
First Cost Estimate	FY13	14,632
Current Scope		
Last FY's Cost Estimate		13,616
Appropriation Request	FY13	1,247
Appropriation Request Est.	FY14	980
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		11,462
Expenditures / Encumbrances		10,661
Unencumbered Balance		801
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	0
Total Partial Closeout		0

COORDINATION

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

MAP

