

Bridge Design -- No. 509132

Category **Transportation**
Subcategory **Bridges**
Administering Agency **Transportation**
Planning Area **Countywide**

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

January 04, 2011
No
None.
On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY10	Rem. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	13,224	8,880	40	4,304	1,286	670	814	780	377	377	0
Land	239	239	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	65	65	0	0	0	0	0	0	0	0	0
Other	18	18	0	0	0	0	0	0	0	0	0
Total	13,616	9,272	40	4,304	1,286	670	814	780	377	377	*

FUNDING SCHEDULE (\$000)

Federal Aid	956	956	0	0	0	0	0	0	0	0	0
G.O. Bonds	10,747	7,416	35	3,296	1,036	420	687	653	250	250	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	1,558	545	5	1,008	250	250	127	127	127	127	0
Total	13,616	9,272	40	4,304	1,286	670	814	780	377	377	0

DESCRIPTION

This ongoing project provides studies for bridge projects under consideration for inclusion in the CIP. Facility Planning serves as a transition stage for a project between identification of need and its inclusion as a stand-alone project in the CIP. Prior to the establishment of a stand-alone project, 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. Facility Planning is a decision-making process to design bridges which are already identified as deficient. For a full description of the Facility Planning process, see the CIP Planning Section. Candidate projects currently included are listed in the "Other" section below.

COST CHANGE

Increase due to the addition of the Brink Road and Spring Street bridge rehabilitation projects.

JUSTIFICATION

There is continuing need for the development of accurate cost estimates and an exploration of alternatives for proposed projects. Facility planning 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 facility planning 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.

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-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; Spring Street Bridge #M-0078

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	FY12	13,616
Current Scope		
Last FY's Cost Estimate		13,020
Appropriation Request	FY12	605
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		10,857
Expenditures / Encumbrances		10,058
Unencumbered Balance		799
Partial Closeout Thru	FY09	0
New Partial Closeout	FY10	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

