Gold Mine Road Bridge M-0096 -- No. 501302

Category	**Transportation**	Date Last Modified	**January 04, 2012**
Subcategory	**Bridges**	Required Adequate Public Facility	**No**
Administering Agency	**Transportation**	Relocation Impact	**None.**
Planning Area	**Olney**	Status	**Preliminary Design Stage**

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	400	0	0	400	60	280	60	0	0	0	0
Land	100	0	0	100	100	0	0	0	0	0	0
Site Improvements and Utilities	150	0	0	150	0	0	150	0	0	0	0
Construction	1,863	0	0	1,863	280	1,303	280	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	**2,513**	**0**	**0**	**2,513**	**440**	**1,583**	**490**	**0**	**0**	**0**	**0**

FUNDING SCHEDULE ($000)

Federal Aid	1,730	0	0	1,730	242	1,194	294	0	0	0	0
G.O. Bonds	783	0	0	783	198	389	196	0	0	0	0
Total	**2,513**	**0**	**0**	**2,513**	**440**	**1,583**	**490**	**0**	**0**	**0**	**0**

DESCRIPTION

This project provides for the replacement of the existing Gold Mine Road Bridge over Hawlings River. The existing bridge, built in 1958, is a one (1) span 30' steel beam with an asphalt filled corrugated metal deck structure carrying a 15'-8" clear roadway with W-beam guardrail on each side, for a total deck width of 16'-7". The proposed replacement bridge includes a one (1) span 53' prestressed concrete slab beam structure with a 29'-0" clear roadway width. The project includes 250-feet of approach roadway work at each end of the bridge that consists of widening and raising the roadway profile by 5' at the bridge. The new bridge will carry two lanes of traffic, improve sight distances at the bridge, raise the bridge elevation to reduce flooding at the roadway, carry all legal vehicles, and provide pedestrian facilities across the river. The bridge will be designed to allow for the eventual addition of a 8'-0" sidewalk/bikeway.

ESTIMATED SCHEDULE

The design of the project is expected to finish in the spring of 2013. The construction is scheduled to start in summer 2013 and be completed in summer of 2014.

COST CHANGE

The project scope and schedule are new for FY 2013.

JUSTIFICATION

The proposed replacement work is necessary to provide a safe roadway condition for the traveling public. The 2009 bridge inspection revealed that the concrete abutments and wing walls are in fair condition and the bridge has a weight restriction which is controlled by the undersized steel beams. The bridge is currently on a 12-month inspection cycle to allow some school buses to exceed the inventory rating values of the beams. The bridge is functionally obsolete, carries two lanes of traffic on a single lane bridge with no sidewalks and has inadequate sight distance approaching the bridge. The bridge is closed two to three times a year due to flooding of the Hawlings River.

The Master Plan calls for a Shared Road Bikeway B-17, from Old Baltimore Road to New Hampshire Avenue (MD 650) which can be added as local funding is available.

FISCAL NOTE

The costs of bridge construction and construction management for this project are eligible for up to 80 percent Federal Aid. The design costs for this project are covered in the "Bridge Design" project (C.I.P. No. 509132).

OTHER DISCLOSURES

- A pedestrian impact analysis has been completed for this project.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY13	($000)
First Cost Estimate Current Scope	FY13	2,513
Last FY's Cost Estimate		0

Appropriation Request	FY13	2,513
Appropriation Request Est.	FY14	0
Supplemental Appropriation Request		0
Transfer		0

Cumulative Appropriation	0
Expenditures / Encumbrances	0
Unencumbered Balance	0

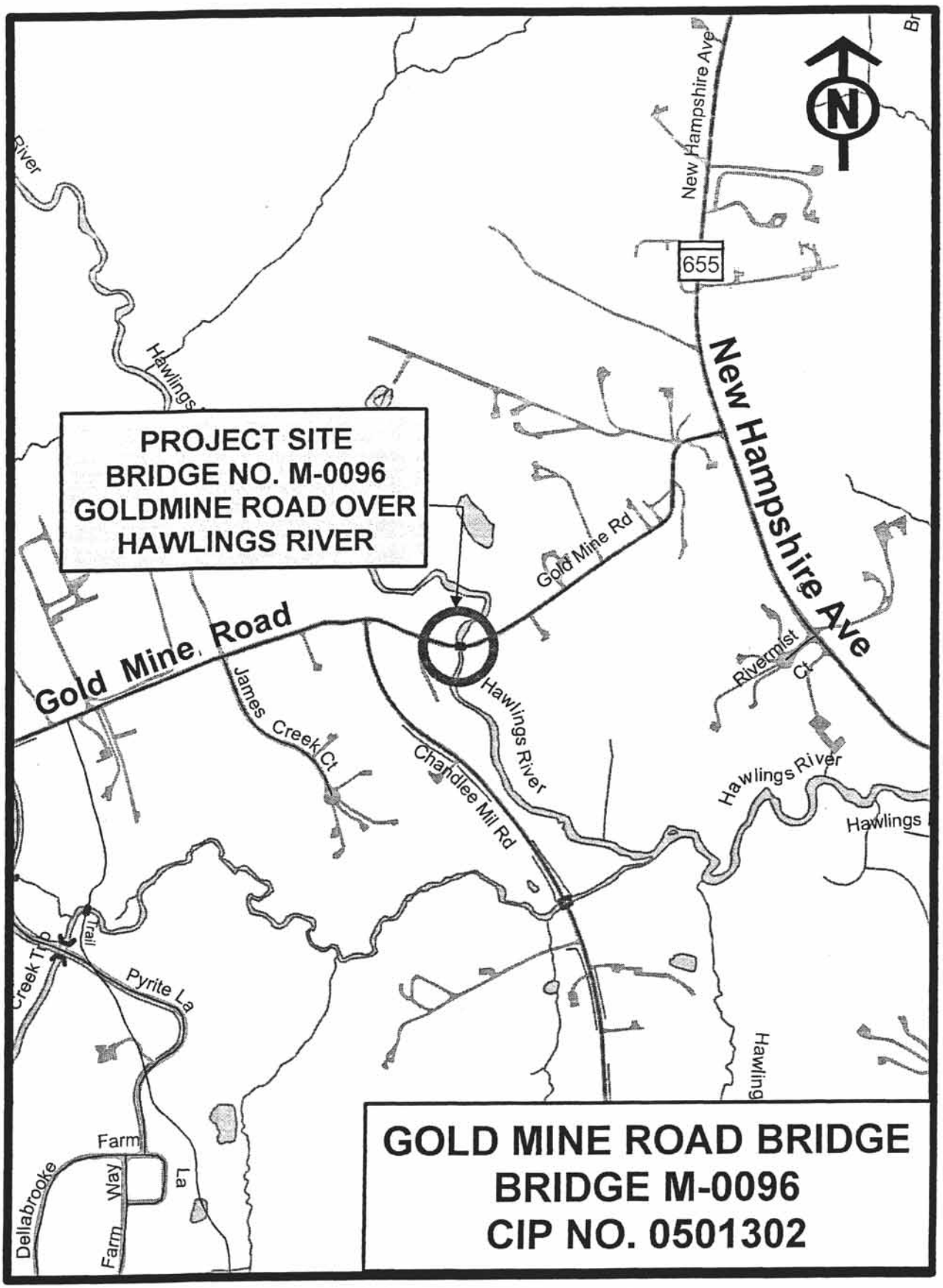
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	0
Total Partial Closeout		0

COORDINATION

Federal Highway Administration – Federal Aid Bridge Replacement/Rehabilitation Program
Maryland State Highway Administration
Maryland Department of the Environment
Maryland-National Capital Park and Planning Commission
Montgomery County Department of Permitting Services
Utilities
Facility Planning: Bridges

MAP

See Map on Next Page


PROJECT SITE
BRIDGE NO. M-0096
GOLDMINE ROAD OVER
HAWLINGS RIVER
GOLD MINE ROAD BRIDGE
BRIDGE M-0096
CIP NO. 0501302
N
New Hampshire Ave
655
Gold Mine Road
Gold Mine Rd
James Creek Ct
Hawlings River
Chandlee Mil Rd
Rivermist Ct
Pyrite La
Farm Way
Dellabrooke