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

| | | | |
|---|---|---|---|
| Category | **Transportation** | Date Last Modified | **May 07, 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 | 1,030 | 0 | 0 | 1,030 | 300 | 475 | 255 | 0 | 0 | 0 | 0 |
| Land | 315 | 0 | 0 | 315 | 245 | 70 | 0 | 0 | 0 | 0 | 0 |
| Site Improvements and Utilities | 390 | 0 | 0 | 390 | 25 | 85 | 280 | 0 | 0 | 0 | 0 |
| Construction | 2,698 | 0 | 0 | 2,698 | 480 | 1,553 | 665 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | **4,433** | **0** | **0** | **4,433** | **1,050** | **2,183** | **1,200** | **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 | 2,703 | 0 | 0 | 2,703 | 808 | 989 | 906 | 0 | 0 | 0 | 0 |
| **Total** | **4,433** | **0** | **0** | **4,433** | **1,050** | **2,183** | **1,200** | **0** | **0** | **0** | **0** |

### DESCRIPTION

This project provides for the replacement of the existing Gold Mine Road Bridge over Hawlings River and the construction of 8'-0" bike path from James Creek Court to New Hampshire Avenue. 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 closed for four months in the summer and fall of 2013.

### 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 the spring of 2015.

### 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.

### FISCAL NOTE

The costs of bridge construction and construction management in 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

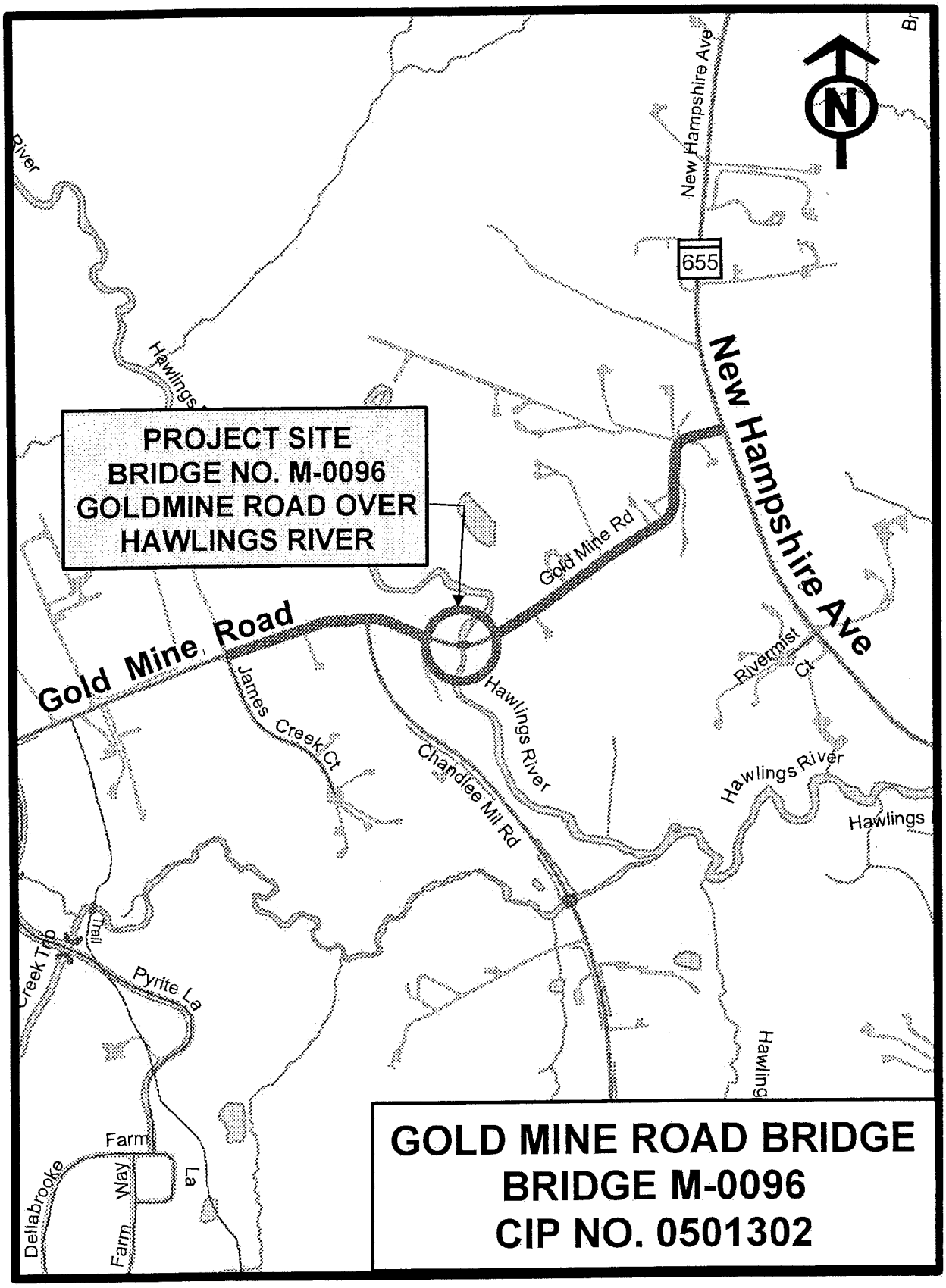
| | | |
|---|---|---|
| Date First Appropriation | FY13 | ($000) |
| First Cost Estimate Current Scope | FY13 | 4,433 |
| Last FY's Cost Estimate | | 0 |
| Appropriation Request | FY13 | 4,433 |
| Appropriation Request Est. | FY14 | 0 |
| Supplemental Appropriation Request | | 0 |
| Transfer | | 0 |
| 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
New Hampshire Ave
655
Gold Mine Rd
Hawlings River
James Creek Ct
Chandlee Mill Rd
Rivermist Ct
Hawlings River
Hawlings
Pyrite La
Farm
Way
La
Dellabrooke
Farm
GOLD MINE ROAD BRIDGE
BRIDGE M-0096
CIP NO. 0501302