Gold Mine Road Bridge M-0096

(P501302)

Category	Transportation	Date Last Modified	01/04/18
SubCategory	Bridges	Administering Agency	Transportation
Planning Area	Olney and Vicinity	Status	Final Design Stage

EXPENDITURE SCHEDULE ($000s)

Cost Elements	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Planning, Design and Supervision	945	1	544	400	400	-	-	-	-	-	-
Land	314	26	288	-	-	-	-	-	-	-	-
Site Improvements and Utilities	365	-	315	50	50	-	-	-	-	-	-
Construction	4,843	-	1,841	3,002	3,002	-	-	-	-	-	-
TOTAL EXPENDITURES	6,467	27	2,988	3,452	3,452	-	-	-	-	-	-

FUNDING SCHEDULE ($000s)

Funding Source	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Federal Aid	3,054	-	1,179	1,875	1,875	-	-	-	-	-	-
G.O. Bonds	3,413	27	1,809	1,577	1,577	-	-	-	-	-	-
TOTAL FUNDING SOURCES	6,467	27	2,988	3,452	3,452	-	-	-	-	-	-

OPERATING BUDGET IMPACT ($000s)

Impact Type		Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24
Maintenance		5	-	1	1	1	1	1
NET IMPACT		5	-	1	1	1	1	1

APPROPRIATION AND EXPENDITURE DATA ($000s)

Appropriation FY 19 Request	1,168	Year First Appropriation	FY13
Appropriation FY 20 Request	-	Last FY's Cost Estimate	5,299
Cumulative Appropriation	5,299		
Expenditure / Encumbrances	27		
Unencumbered Balance	5,272		

Project Description

This project provides for the replacement of the existing Gold Mine Road Bridge over Hawlings River and the construction of an 8'-0" bike path between James Creek Court and Chandlee Mill Road. The existing bridge, built in 1958, is a one 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 span 53' prestressed concrete slab beam structure with a 33'-0" clear roadway width. The project includes 250' 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 2 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.

Location

The project site is located along Gold Mine Bridge Road over the Hawlings River. It includes a bike path between James Creek Court and Chandlee Mill Road.

Estimated Schedule

The design of the project is expected to finish in fall of 2017. The construction is scheduled to start in summer of 2018 and be completed in summer of 2019.

Cost Change

Cost increase due to additional stream maintenance work required for park permit by the Maryland-National Capital Park and Planning Commission.

Project 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 6-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.

Other

This project also supports the County Executive's Vision Zero initiative which aims to reduce injuries and fatalities on all roads.

Fiscal Note

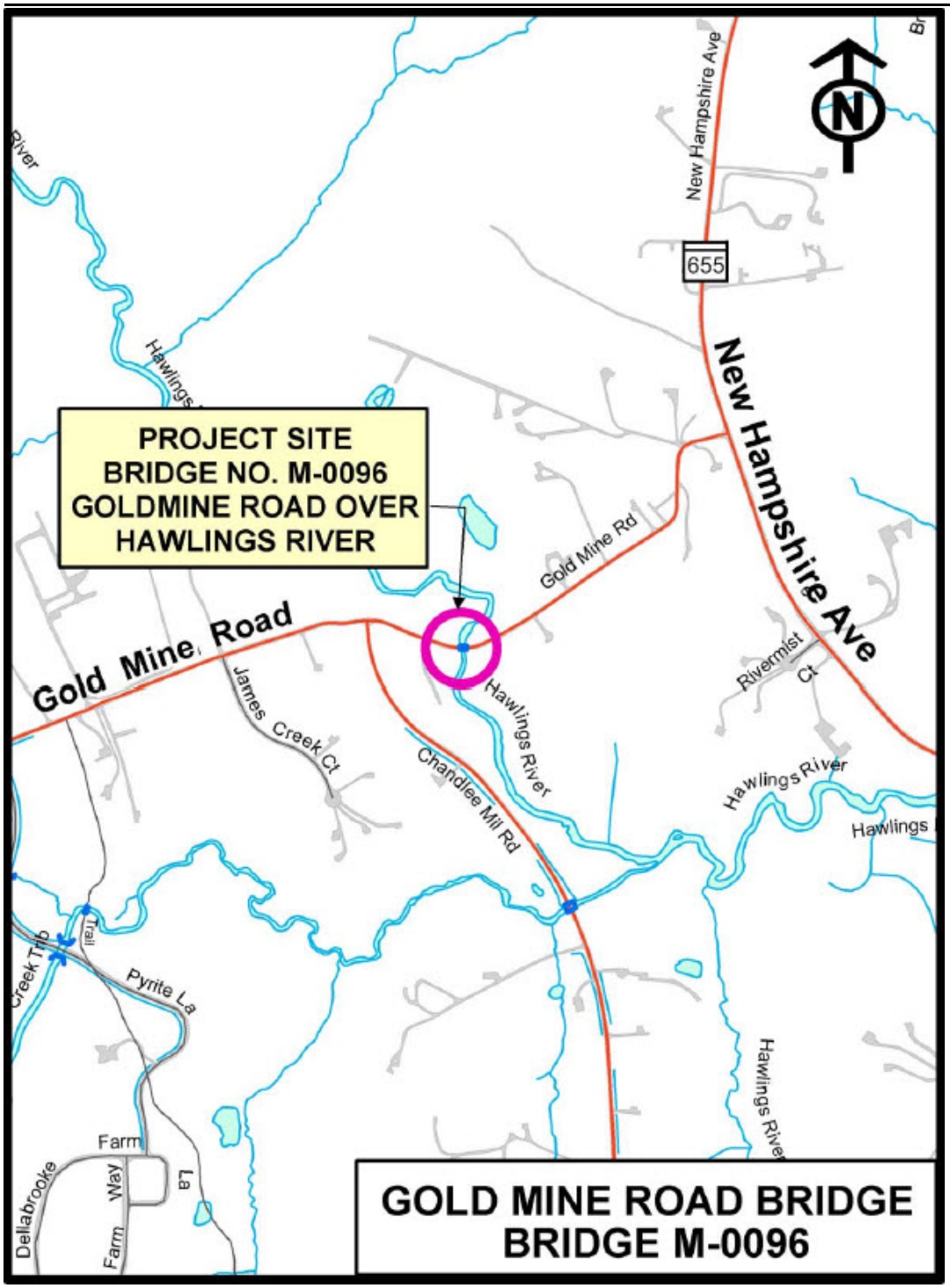
The costs of bridge construction and construction management for this project are eligible for up to 80 percent Federal Aid. The design costs for this project are covered in the "Bridge Design" project (C.I.P. No. 509132).

Disclosures

A pedestrian impact analysis has been completed for this project.

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, Bridge Design PDF (CIP 509132)


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