Brink Road Bridge M-0064

(P502104)

Category	Transportation	Date Last Modified	01/08/26
SubCategory	Bridges	Administering Agency	Transportation
Planning Area	Germantown and Vicinity	Status	Preliminary Design Stage

EXPENDITURE SCHEDULE ($000s)

Cost Elements	Total	Thru FY25	Est FY26	Total 6 Years	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	Beyond 6 Years
Planning, Design and Supervision	1,430	3	-	1,427	401	1,026	-	-	-	-	-
Land	55	-	55	-	-	-	-	-	-	-	-
Site Improvements and Utilities	600	-	-	600	600	-	-	-	-	-	-
Construction	6,810	-	-	6,810	1,294	5,516	-	-	-	-	-
TOTAL EXPENDITURES	8,895	3	55	8,837	2,295	6,542	-	-	-	-	-

FUNDING SCHEDULE ($000s)

Funding Source	Total	Thru FY25	Est FY26	Total 6 Years	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	Beyond 6 Years
Federal Aid	5,078	-	-	5,078	523	4,555	-	-	-	-	-
G.O. Bonds	3,817	3	55	3,759	1,772	1,987	-	-	-	-	-
TOTAL FUNDING SOURCES	8,895	3	55	8,837	2,295	6,542	-	-	-	-	-

APPROPRIATION AND EXPENDITURE DATA ($000s)

Appropriation FY 27 Request	1,099	Year First Appropriation	FY25
Appropriation FY 28 Request	1,987	Last FY's Cost Estimate	7,630
Cumulative Appropriation	5,809		
Expenditure / Encumbrances	3		
Unencumbered Balance	5,806		

PROJECT DESCRIPTION

This project provides for the replacement of the existing Brink Road Bridge over Great Seneca Creek. The existing bridge, built in 1972, is a single (1) span 58'-3" steel beam with an asphalt filled corrugated metal deck structure carrying a 23'-6" clear roadway with W-beam guardrail on each side. The proposed replacement bridge includes a one (1) span 58' prestressed NEXT beam structure with a 34'-0" clear roadway width. The project includes 400-foot of approach roadway work west of the bridge to reduce flooding frequency and improvements to the intersection with Wightman Road, approximately 20' east of the bridge. In addition, the M-NCPPC Seneca Creek Green hiker-biker trail crossing will be improved, and a traffic signal will be constructed at the intersection with Wightman Road and Brink Road. To meet Program Open Space (POS) land conversion requirements land needs to be purchased at the corner of Wightman Road and Brink Road and a parking lot constructed for trail users. The new bridge will carry two lanes of traffic with two 11' travel lanes and 6' wide shoulders for a clear roadway width of 34'.

LOCATION

The project is located approximately 2.1 miles east of the intersection of Brink Road and Ridge Road (MD 27) in Germantown, Maryland.

CAPACITY

The roadway Average Daily Traffic (ADT) is approximately 12,000 vehicles. The roadway capacity will not change as a result of this project.

ESTIMATED SCHEDULE

The design of the project is expected to finish in FY27. Bridge will be closed to traffic from June to August 2028 for construction. Project slippage is due to Program Open Space negotiations with M-NCPPC, the addition of a parking lot, and traffic safety improvements.

COST CHANGE

Cost increase due to inflation and scope change to add roadway safety improvements along Wightman Road for parking lot users.

PROJECT JUSTIFICATION

The proposed replacement work is necessary to provide a safe roadway condition for the travelling public. The 2022 bridge inspection report for Bridge No. M-0064 indicates that the bridge steel beams are in poor condition with areas of 100 percent section loss. As a result the bridge is inspected on a 12-month frequency. The bridge is functionally obsolete with a clear roadway width of 24' and carries approximately 12,000 vehicles per day. The bridge is closed two to three times a year due to flooding of the Great Seneca Creek. The project will reduce the flooding frequency to once every five years.

FISCAL NOTE

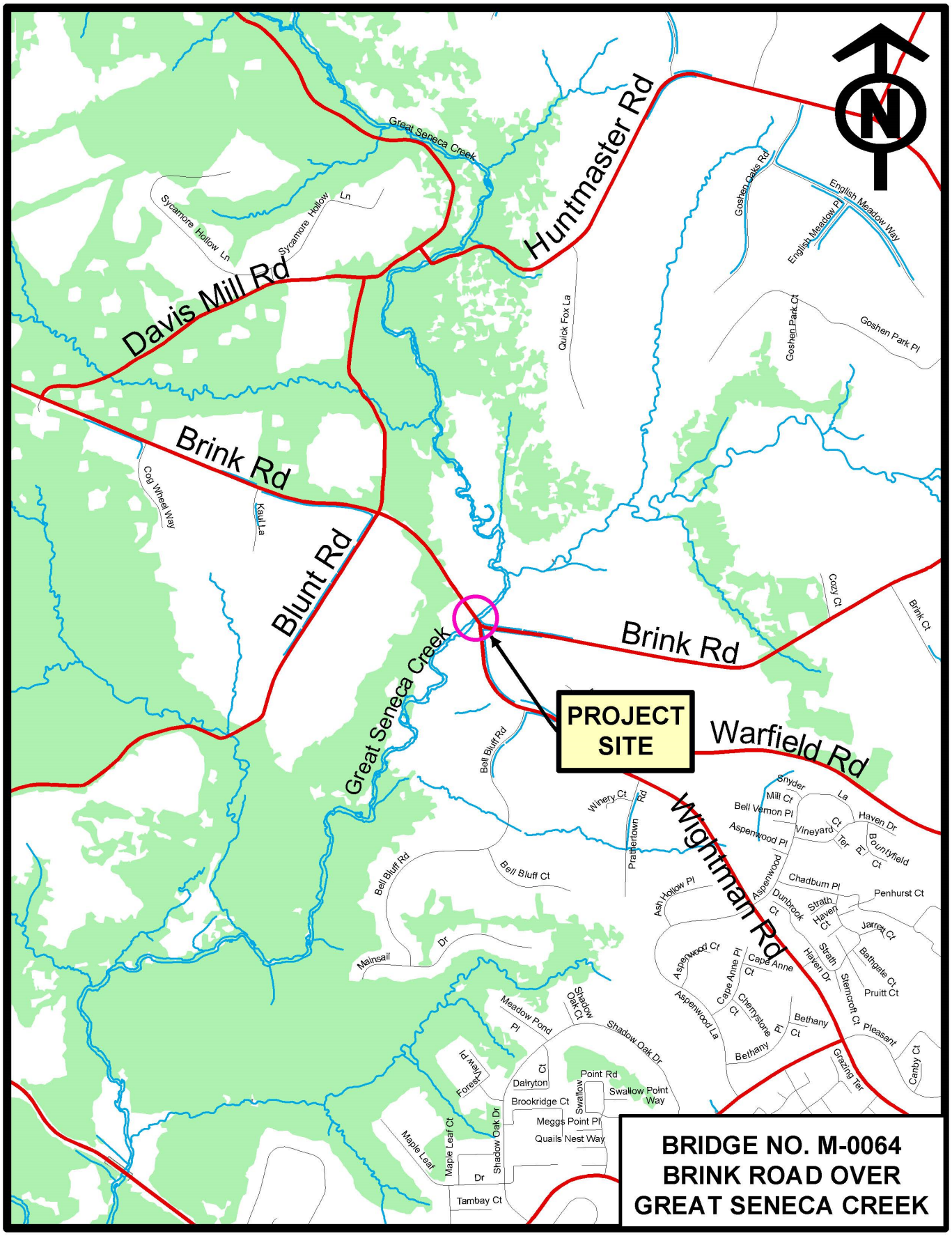
The costs of bridge construction and construction management for this project are eligible for up to 80 percent Federal Aid. The design costs for this project are covered in the Bridge Design Project (No. 509132).

DISCLOSURES

A pedestrian impact analysis has been completed for this project.

COORDINATION

Federal Highway Administration - Federal Aid Bridge Replacement and 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, and Bridge Design Project (CIP 509132).


Great Seneca Creek
Huntmaster Rd
Sycamore Hollow Ln
Sycamore Hollow Ln
Davis Mill Rd
Goshen Oaks Rd
English Meadow Pl
English Meadow Way
Quick Fox La
Goshen Park Ct
Goshen Park Pl
Brink Rd
Cog Wheel Way
Kaul La
Blunt Rd
Cozy Ct
Brink Ct
Brink Rd
Great Seneca Creek
PROJECT SITE
Warfield Rd
Bell Bluff Rd
Winery Ct
Prattertown Rd
Wightman Rd
Bell Bluff Rd
Bell Bluff Ct
Snyder La
Mill Ct
Bell Vernon Pl
Haven Dr
Vineyard Ct
Aspenwood Pl
Ter
Pl
Bountyfield Ct
Chadburn Pl
Ash Hollow Pl
Aspenwood Ct
Dunbrook Ct
Strath Haven Ct
Penhurst Ct
Jarrett Ct
Mainsail Dr
Aspenwood Ct
Cape Anne Pl
Cape Anne Ct
Strath Haven Dr
Bathgate Ct
Pruitt Ct
Aspenwood La
Cherrystone Ct
Cherrystone Pl
Bethany Ct
Sternroft Ct
Pleasant
Bethany
Meadow Pond Pl
Shadow Oak Ct
Shadow Oak Dr
Grazing Ter
Canby Ct
Forest View Pl
Dairyton Ct
Point Rd
Swallow Ct
Swallow Point Way
Brookridge Ct
Meggs Point Pl
Quails Nest Way
Maple Leaf Ct
Maple Leaf Dr
Shadow Oak Dr
Tambay Ct
BRIDGE NO. M-0064
BRINK ROAD OVER
GREAT SENECA CREEK