



# Dennis Ave Bridge M-0194 Replacement

(P501701)

Category	Transportation	Date Last Modified	01/08/26
SubCategory	Bridges	Administering Agency	Transportation
Planning Area	Kensington-Wheaton	Status	Final 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	1,900	488	865	547	547	-	-	-	-	-	-
Land	20	1	19	-	-	-	-	-	-	-	-
Site Improvements and Utilities	685	-	675	10	10	-	-	-	-	-	-
Construction	8,265	-	4,933	3,332	3,332	-	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>10,870</b>	<b>489</b>	<b>6,492</b>	<b>3,889</b>	<b>3,889</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

## 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	6,497	176	3,296	3,025	3,025	-	-	-	-	-	-
G.O. Bonds	4,073	313	2,896	864	864	-	-	-	-	-	-
Intergovernmental	300	-	300	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>10,870</b>	<b>489</b>	<b>6,492</b>	<b>3,889</b>	<b>3,889</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

## APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 27 Request	-	Year First Appropriation	FY22
Appropriation FY 28 Request	-	Last FY's Cost Estimate	10,870
Cumulative Appropriation	10,870		
Expenditure / Encumbrances	579		
Unencumbered Balance	10,291		

## PROJECT DESCRIPTION

This project provides for the replacement of the existing Dennis Avenue Bridge M-0194 over a tributary to Sligo Creek. The existing bridge, built in 1961, is a single span 30' structure composed of prestressed concrete voided slab beams carrying a 24' roadway, two 6' shoulders, and two 4'-8" sidewalks. The proposed replacement bridge will be a 80' overall span three-cell precast concrete arch culvert carrying a 22' roadway, two 5' bicycle compatible shoulders, two 2' striped buffers, a 13' shared-use path on the north side and a 7' sidewalk on the south side, for a total clear bridge width of 56'. The project includes utility relocations and approach roadway work at each end of the bridge as necessary to tie into the existing roadway and sidewalks. The bridge will be closed to traffic during construction. Accelerated bridge construction techniques will be utilized to minimize the disruption to the traveling public and local community.

## **LOCATION**

The project is located on Dennis Avenue, approximately 1,800' east of the intersection of Georgia Avenue and Dennis Avenue.

## **CAPACITY**

The roadway Average Daily Traffic (ADT) is approximately 14,000 vehicles per day.

## **ESTIMATED SCHEDULE**

The design of the project and land acquisition was completed in FY25. The construction is scheduled to start in FY26 and be completed in FY27. The bridge will be closed to traffic during the summer of 2026.

## **PROJECT JUSTIFICATION**

The proposed replacement work will mitigate the frequent flooding of five residential properties and local streets upstream of the bridge; mitigate occasional roadway flooding on Dennis Avenue that causes significant traffic delays; and eliminate annual maintenance repairs required for this deteriorating structure. The existing bridge is rapidly deteriorating and is nearing the end of its estimated service life.

## **OTHER**

The December 2018 Technical Update to the Master Plan of Highways and Transitways designates Dennis Avenue as Minor Arterial Road (MA-17) with a minimum right-of-way of 80'. The December 2018 Montgomery County Bicycle Master Plan recommends a sidepath (shared use path) on the north side. Streetlights, crosswalks, sidewalk ramps, bikeways, and other pertinent issues are being considered in the design of the project to ensure pedestrian safety.

## **FISCAL NOTE**

The design costs for this project are covered in the Bridge Design Project (No. 509132). The project is eligible for 80 percent federal aid. The Intergovernmental funds are for WSSC Water relocations.

## **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, Montgomery County Department of Environmental Protection, Montgomery County Department of Permitting Services, Montgomery County Public Schools, Montgomery County Department of Police, Montgomery County Fire and Rescue Service, Montgomery County Ride On, Maryland-National Capital Park and Planning Commission, Utilities, and Wheaton Regional Dam Flooding Mitigation (CIP Project #801710), and WSSC Water

