



Lyttonsville Bridge

(P501421)

Category	Transportation	Date Last Modified	02/12/19
SubCategory	Bridges	Administering Agency	Transportation
Planning Area	Silver Spring and Vicinity	Status	Final Design Stage

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY18	Rem FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Planning, Design and Supervision	400	259	141	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	400	259	141	-	-	-	-	-	-	-	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY18	Rem FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Recordation Tax Premium (MCG)	400	259	141	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	400	259	141	-	-	-	-	-	-	-	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 20 Approp. Request	-	Year First Appropriation	FY15
Cumulative Appropriation	400	Last FY's Cost Estimate	400
Expenditure / Encumbrances	357		
Unencumbered Balance	43		

PROJECT DESCRIPTION

This project provides for the design of the concrete deck replacement of the existing Lyttonsville Place Bridge over Georgetown Branch Hiker/Biker Trail. The existing bridge, built in 1966, is a single span steel beam structure with a concrete deck carrying a 48 foot roadway and two 5-foot sidewalks. The proposed concrete deck replacement will include the 48 foot roadway, the two 5-foot sidewalks, and the two safety parapets. The existing steel beams and bridge abutments will be reused with minor modifications to support the new concrete deck structure. Repairs to the steel beams will be made as necessary to renew the integrity of the concrete surface. The bridge and road will remain open to vehicular and pedestrian traffic during construction. Accelerated bridge construction techniques will be utilized to minimize the disruption of the traveling public and local community.

LOCATION

Lyttonsville Place between Industrial Brookville Road and Michigan Avenue.

CAPACITY

The roadway Average Daily Traffic (ADT) is 10,000.

ESTIMATED SCHEDULE

The design of the project is expected to finish in 2018.

PROJECT JUSTIFICATION

The proposed replacement work is necessary to provide a safe roadway condition for the traveling public and preserve easy access to the Ride On Operations Center for County buses. The existing concrete deck is the original deck constructed in 1966, and is in poor condition. The 48 year old deck has shown severe deterioration since 1996 and has been on an annual repair schedule for the last 18 years. The existing concrete deck has reached and exceeded the expected service life. The bridge is currently posted for a 10,000 lb. limit. Implementation of this project would allow the bridge to be restored to full capacity.

FISCAL NOTE

Construction will not proceed without consulting the Purple Line project schedule to ensure that the projected financial and operational benefits of the bridge still warrant the construction expense.

COORDINATION

Maryland Department of the Environment, Maryland National Capital Park and Planning Commission, Montgomery County Department of Permitting Services, Utilities, Maryland Transit Administration, Purple Line Project

