

Lyttonsville Place Bridge(P501421)

Category Transportation
 Sub Category Bridges
 Administering Agency Transportation (AAGE30)
 Planning Area Silver Spring

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Final Design Stage

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
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EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	400	215	135	50	50	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	400	215	135	50	50	0	0	0	0	0	0

FUNDING SCHEDULE (\$000s)

Recordation Tax Premium	400	215	135	50	50	0	0	0	0	0	0
Total	400	215	135	50	50	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	-100
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		500
Expenditure / Encumbrances		320
Unencumbered Balance		180

Date First Appropriation	FY 15
First Cost Estimate	
Current Scope	FY 17 400
Last FY's Cost Estimate	0

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'-0" roadway and two 5-foot sidewalks. The proposed concrete deck replacement will include the 48'-0" 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 the Summer of 2016.

Cost Change

Decrease in cost of \$100,000 reflected in FY16. Bridge will be rebuilt by MTA as part of the Purple Line 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.

Disclosures

A pedestrian impact analysis has been completed for this project.

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