

# 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	500	215	235	50	50	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>500</b>	<b>215</b>	<b>235</b>	<b>50</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000s)

Recordation Tax Premium	500	215	235	50	50	0	0	0	0	0
<b>Total</b>	<b>500</b>	<b>215</b>	<b>235</b>	<b>50</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
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 15	500
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.

#### **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

