

# Lyttonsville Place Bridge(P501421)

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

Date Last Modified            4/21/14  
 Required Adequate Public Facility    No  
 Relocation Impact            None  
 Status                            Planning Stage

	Total	Thru FY13	Est FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	500	0	50	450	250	200	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
<b>Total</b>	<b>500</b>	<b>0</b>	<b>50</b>	<b>450</b>	<b>250</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000s)

Recordation Tax Premium	500	0	50	450	250	200	0	0	0	0	0
<b>Total</b>	<b>500</b>	<b>0</b>	<b>50</b>	<b>450</b>	<b>250</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 15	0
Appropriation Request Est.	FY 16	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		500
Expenditure / Encumbrances		0
Unencumbered Balance		500

Date First Appropriation	
First Cost Estimate	
Current Scope	FY 14            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 be closed to vehicular and pedestrian traffic during construction. Accelerated bridge construction techniques will be utilized to minimize the disruption to 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 winter of 2015.

#### **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 will be performed during design or is in progress.

#### **Coordination**

Maryland Department of the Environment  
 Maryland-National Capital Park and Planning Commission  
 Montgomery County Department of Permitting Services  
 Utilities  
 Maryland Transit Administration