

# East Gude Drive Roadway Improvements (P501309)

Category                      Transportation  
 Sub Category                Roads  
 Administering Agency      Transportation (AAGE30)  
 Planning Area                Shady Grove Vicinity

Date Last Modified            11/17/14  
 Required Adequate Public Facility    No  
 Relocation Impact            None  
 Status                            Preliminary 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
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
Planning, Design and Supervision	1,396	0	0	1,396	751	368	24	114	139	0	0
Land	229	0	0	229	0	50	179	0	0	0	0
Site Improvements and Utilities	415	0	0	415	0	0	0	0	415	0	0
Construction	3,987	0	0	3,987	0	0	0	1,115	2,872	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>6,027</b>	<b>0</b>	<b>0</b>	<b>6,027</b>	<b>751</b>	<b>418</b>	<b>203</b>	<b>1,229</b>	<b>3,426</b>	<b>0</b>	<b>0</b>

<b>FUNDING SCHEDULE (\$000s)</b>											
G.O. Bonds	6,027	0	0	6,027	751	418	203	1,229	3,426	0	0
<b>Total</b>	<b>6,027</b>	<b>0</b>	<b>0</b>	<b>6,027</b>	<b>751</b>	<b>418</b>	<b>203</b>	<b>1,229</b>	<b>3,426</b>	<b>0</b>	<b>0</b>

<b>OPERATING BUDGET IMPACT (\$000s)</b>											
Energy				1	0	0	0	0	0		1
<b>Net Impact</b>				<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		<b>1</b>

### APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	1,031
Appropriation Request Est.	FY 18	138
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 16
First Cost Estimate	
Current Scope	FY 13                      6,027
Last FY's Cost Estimate	6,027

### Description

This project provides for the design, land acquisition, and construction of roadway improvements along East Gude Drive from Crabbs Branch Way to Southlawn Lane to increase roadway capacity and to improve vehicular and pedestrian safety. The improvements will: (1) add a westbound lane (800 linear feet) from Calhoun Drive to Crabbs Branch Way; (2) extend the length of the eastbound taper east of Calhoun Drive (500 linear feet) to west of Incinerator Lane; (3) provide an east-to-northbound left turn lane (300 linear feet) at Dover Road; (4) construct the missing section of sidewalk on the north side of East Gude Drive from west of Incinerator Lane to east of Calhoun Drive (550 linear feet) and (5) install six-foot wide sidewalk connectors from each bus stop on the north side of East Gude Drive to the nearest intersection.

### Capacity

The Average Daily Traffic (ADT) on East Gude Drive for the year 2025 is forecasted to be about 60,000.

### Estimated Schedule

Final design and land acquisition will be completed in FY19. Construction will start in FY20 and will be completed in FY21.

### Justification

The project is needed to reduce existing and future congestion and improve pedestrian and vehicular safety. Three intersections within the project scope will reach failing conditions by 2015. By 2025, the ADT on East Gude Drive is projected to increase from 45,000 to 60,000. The proposed project will improve roadway network efficiency, provide for alternate modes of transportation and will improve pedestrian connectivity and safety by constructing missing sidewalk sections on the north side.

### Other

The estimated cost of the project, including design, land acquisition, site improvements, utility relocations, and construction, is currently estimated to be \$6.0 million. A more accurate cost estimate will be prepared upon completion of final design.

### Disclosures

A pedestrian impact analysis has been completed for this project.

### Coordination

Maryland-National Capital Park and Planning Commission, Utility Companies, Department of Permitting Services, City of Rockville