

East Gude Drive Roadway Improvements (P501309)

Category	Transportation	Date Last Modified	4/21/14
Sub Category	Roads	Required Adequate Public Facility	No
Administering Agency	Transportation (AAGE30)	Relocation Impact	None
Planning Area	Shady Grove Vicinity	Status	Final Design Stage

	Total	Thru FY14	Rem FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	1,396	0	0	1,242	0	0	749	367	26	100	154
Land	229	0	0	229	0	0	0	50	179	0	0
Site Improvements and Utilities	415	0	0	0	0	0	0	0	0	0	415
Construction	3,987	0	0	1,115	0	0	0	0	0	1,115	2,872
Other	0	0	0	0	0	0	0	0	0	0	0
Total	6,027	0	0	2,586	0	0	749	417	205	1,215	3,441

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	6,027	0	0	2,586	0	0	749	417	205	1,215	3,441
Total	6,027	0	0	2,586	0	0	749	417	205	1,215	3,441

OPERATING BUDGET IMPACT (\$000s)											
Energy				1	0	0	0	0	0	0	1
Net Impact				1	0	0	0	0	0	0	1

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 16	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 15	
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.

- 2004 Upper Rock Creek Area Master Plan
- 2006 Shady Grove Sector Plan
- 2005 Countywide Bikeways Functional Master Plan
- City of Rockville Comprehensive Master Plan

Other

The estimated cost of the project, including design, land acquisition, site improvements, utility relocations, and construction, is currently estimated to be \$6 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