

East Gude Drive Roadway Improvements -- No. 501309

Category
Subcategory
Administering Agency
Planning Area

Transportation
Roads
Transportation
Shady Grove Vicinity

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

May 02, 2012
No
None.
Final Design Stage

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	1,396	0	0	1,071	0	0	0	0	775	296	325
Land	229	0	0	0	0	0	0	0	0	0	229
Site Improvements and Utilities	415	0	0	0	0	0	0	0	0	0	415
Construction	3,987	0	0	0	0	0	0	0	0	0	3,987
Other	0	0	0	0	0	0	0	0	0	0	0
Total	6,027	0	0	1,071	0	0	0	0	775	296	4,956

FUNDING SCHEDULE (\$000)

G.O. Bonds	6,027	0	0	1,071	0	0	0	0	775	296	4,956
Total	6,027	0	0	1,071	0	0	0	0	775	296	4,956

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 the 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 6 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

The design is estimated to start in FY17 and the construction is to be completed by FY21, according to the following schedule:

FY19: \$ 440,000 (design and site improvements)
FY20: \$1,705,000 (site improvements and construction)
FY21: \$2,811,000 (land acquisition and construction)

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 relocation, and construction, is currently estimated to be \$6 million dollars. A more accurate cost estimate will be prepared upon completion of Final Design and the Project Description Form (PDF) will be updated at that time.

OTHER DISCLOSURES

- A pedestrian impact analysis has been completed for this project.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP												
<table> <tr> <td>Date First Appropriation</td><td>FY13</td><td>(\$000)</td></tr> <tr> <td>First Cost Estimate</td><td>FY13</td><td>6,027</td></tr> <tr> <td>Current Scope</td><td></td><td></td></tr> <tr> <td>Last FY's Cost Estimate</td><td></td><td>0</td></tr> </table>	Date First Appropriation	FY13	(\$000)	First Cost Estimate	FY13	6,027	Current Scope			Last FY's Cost Estimate		0	Maryland-National Capital Park and Planning Commission Utility Companies Department of Permitting Services City of Rockville	<div>See Map on Next Page</div>
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