



Seminary Road Intersection Improvement (P501307)

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|---------------|----------------------------|----------------------|--------------------------|
| Category | Transportation | Date Last Modified | 01/03/20 |
| SubCategory | Roads | Administering Agency | Transportation |
| Planning Area | Silver Spring and Vicinity | Status | Preliminary Design Stage |

EXPENDITURE SCHEDULE (\$000s)

| Cost Elements | Total | Thru FY19 | Est FY20 | Total 6 Years | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | FY 26 | Beyond 6 Years |
|----------------------------------|--------------|--------------|--------------|---------------|--------------|-------|-------|-------|-------|-------|----------------|
| Planning, Design and Supervision | 1,661 | 1,249 | 124 | 288 | 288 | - | - | - | - | - | - |
| Land | 565 | 419 | 146 | - | - | - | - | - | - | - | - |
| Site Improvements and Utilities | 480 | - | 480 | - | - | - | - | - | - | - | - |
| Construction | 4,552 | 4 | 3,336 | 1,212 | 1,212 | - | - | - | - | - | - |
| TOTAL EXPENDITURES | 7,258 | 1,672 | 4,086 | 1,500 | 1,500 | - | - | - | - | - | - |

FUNDING SCHEDULE (\$000s)

| Funding Source | Total | Thru FY19 | Est FY20 | Total 6 Years | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | FY 26 | Beyond 6 Years |
|------------------------------|--------------|--------------|--------------|---------------|--------------|-------|-------|-------|-------|-------|----------------|
| G.O. Bonds | 7,233 | 1,672 | 4,061 | 1,500 | 1,500 | - | - | - | - | - | - |
| Intergovernmental | 25 | - | 25 | - | - | - | - | - | - | - | - |
| TOTAL FUNDING SOURCES | 7,258 | 1,672 | 4,086 | 1,500 | 1,500 | - | - | - | - | - | - |

OPERATING BUDGET IMPACT (\$000s)

| Impact Type | Total 6 Years | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | FY 26 |
|-------------------|---------------|----------|----------|----------|----------|----------|----------|
| Energy | 6 | 1 | 1 | 1 | 1 | 1 | 1 |
| NET IMPACT | 6 | 1 | 1 | 1 | 1 | 1 | 1 |

APPROPRIATION AND EXPENDITURE DATA (\$000s)

| | | | |
|-----------------------------|-------|--------------------------|-------|
| Appropriation FY 21 Request | - | Year First Appropriation | FY15 |
| Appropriation FY 22 Request | - | Last FY's Cost Estimate | 7,258 |
| Cumulative Appropriation | 7,258 | | |
| Expenditure / Encumbrances | 2,185 | | |
| Unencumbered Balance | 5,073 | | |

PROJECT DESCRIPTION

This project provides for the design, land acquisition, and construction of an approximate 400-foot segment of Seminary Road between the Brookville Road/Seminary Place and Linden Lane/Second Avenue intersections on a new alignment; reconstruction of 650 feet of Seminary Place from Seminary Road to 450 feet east of Riley Place with a vertical alignment revision at Riley Place; increasing the

Linden Lane curb lane widths along the 250 foot section between Brookville Road and Second Avenue to provide two 15-foot shared-use lanes to accommodate bicyclists; and reconstruction of the 250 foot segment of Brookville Road between Linden Lane and Seminary Road. Seminary Road will be a closed-section roadway with two 15-foot shared-use lanes, sidewalks, and will have auxiliary turn lanes at the Brookville Road/Seminary Place and Linden Lane/Second Avenue intersections. Seminary Place will be a closed section roadway with two 15-foot shared-use lanes and a sidewalk along the northern side. Brookville Road will be a closed-section roadway with one southbound 16-foot shared-use lane, sidewalks, and a parking lane on the western side. The project amenities include street lights, landscaping, and stormwater management.

CAPACITY

The Seminary Road Average Daily Traffic (ADT) volume for year 2007 was 11,300.

ESTIMATED SCHEDULE

Final design began in Summer 2015. Construction will start in FY20 and be complete by FY21. Site improvements and utilities will occur in FY 19 and FY20. The project schedule has been coordinated with nearby Purple Line work.

PROJECT JUSTIFICATION

This project will simplify vehicle movements and improve traffic congestion by eliminating the Seminary Road "sweep" between Brookville Road and Second Avenue. In addition, pedestrian and bicyclist safety will be improved. The proposed Seminary Place vertical alignment revision at Riley Place will increase intersection sight distance. Reconstruction of the segment of Seminary Road intersections between Brookville Road and Second Avenue is recommended in the 2000 North and West Silver Spring Master Plan and the 2005 Countywide Bikeways Functional Master Plan. The Facility Planning - Phase I and Phase II studies were completed in FY09 and FY11 respectively.

FISCAL NOTE

Intergovernmental revenues represent the Washington Suburban Sanitary Commission's (WSSC) share of the water and sewer relocation costs.

DISCLOSURES

A pedestrian impact analysis has been completed for this project.

COORDINATION

Washington Suburban Sanitary Commission, Department of Permitting Services, Pepco, Verizon, Washington Gas, Maryland-National Capital Park and Planning Commission