**Seminary Road Complete Streets Project**

**ALTERNATIVE 2 - Two Westbound & One Eastbound Travel Lanes, Bike Lanes**

- **Concepts were scored on a scale of 1 to 5 for each of the objectives for the project.**
- **One point is given for concepts that make no improvements or substantially worsen existing conditions.**
- **Five points are given for concepts that substantially improve conditions or fully preserve existing strengths of Seminary Road.**

### Description

- Maintain traffic flow while enhancing mobility, safety, and comfort for people walking and biking.
- Preserve two westbound travel lanes, where traffic volumes are higher during rush hour.
- One eastbound travel lane.
- Bike lanes possible.
- Pedestrian refuge islands and turn lanes may not be possible.
- Upgrade and install new crosswalks where feasible.

### Typical Cross Section

- **Description**
- **Typical Cross Section**

### Intersection Delay and Level of Service Grade

<table>
<thead>
<tr>
<th>Intersection</th>
<th>Time of Day</th>
<th>EXISTING Delay (sec)</th>
<th>ALTERNATIVE 2 Delay (sec)</th>
<th>Change (sec)</th>
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<tbody>
<tr>
<td>N Howard St &amp; Seminary Rd</td>
<td>AM</td>
<td>36.8</td>
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<td>PM</td>
<td>21.4</td>
<td>29.4</td>
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<td>PM</td>
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<td>PM</td>
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### Corridor Map and Traffic Performance

- **Legend**
  - New or Upgraded Crossings with Safety Improvements
  - New Future Sidewalk Planned with Virginia Theological Seminary

### Performance Assessment

- **Ped Safety/Comfort:** Reduces the number of through-lanes to be crossed, but median islands at uncontrolled crosswalks are unlikely.

### Performance Details

- **Minimizing vehicle delay:** This alternative provides the same lane distribution and signal operations as the existing conditions. Queue lengths stay the same, slightly improve over existing conditions in most intersections, except for St. Stephens Road.
- **Adjacent resident livability:** Bike lanes provide more space than existing conditions for residents to pull in and out of driveways, but no turn pockets make access to connecting streets more difficult.
- **Bicycling Safety/Comfort:** Provides an unbuffered bicycle lane but is not a low-stress connection.