Corridor 2: US 202

Progress in Traffic Responsive Signalization (TRS) Implementation

**Implementation**
- Timing Improvements Implemented
- Traffic Monitoring Equipment Installed
- Signals Brought Online with TMC
- Signal Software Upgrades
- Converted to Traffic Responsive System (TRS)

**Progress**
- Timing improvements implemented; corridor still being monitored.
- Partially completed; will be completed after construction.

Possible Improvement Options for Priority Intersections

<table>
<thead>
<tr>
<th>INTERSECTION</th>
<th>EXISTING VOLUME LOS</th>
<th>DEMAND OVERAGE</th>
<th>IMPROVED VOLUME LOS</th>
<th>OPTIONS</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>US 202 &amp; Silverside Rd.</td>
<td>AM 166 PM 94</td>
<td>A*</td>
<td>C</td>
<td>1. Provide a 4th NB through lane on US 202.</td>
<td>Note: Pave and Rehab Project (Fall 2013) may yield minor improvement.</td>
</tr>
<tr>
<td>US 202 &amp; Fairfax Blvd.</td>
<td>AM 255 PM 125</td>
<td>C*</td>
<td>C</td>
<td>1. Provide a 4th NB through lane on US 202.</td>
<td>- This option assumes retaining split phasing on side streets. - Note: Pave and Rehab Project (Fall 2013) may yield minor improvement. - Note: Astra Zeneca Downsizing/Redevelopment will affect volumes.</td>
</tr>
<tr>
<td>US 202 &amp; Powder Mill/Murphy Rd.</td>
<td>AM 144 PM 113</td>
<td>B*</td>
<td>C</td>
<td>1. Provide a 4th NB through lane on US 202.</td>
<td>- Note: Astra Zeneca Downsizing/Redevelopment will affect volumes.</td>
</tr>
</tbody>
</table>

Mean Travel Times
North Bound
- AM: 10.1 min
- PM: 12.5 min

South Bound
- AM: 10.1 min
- PM: 11.5 min

Capital Projects Along Corridor

<table>
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<tr>
<th>INTERSECTION</th>
<th>STATUS</th>
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<tr>
<td>US 202 &amp; Fairfax Blvd.</td>
<td>No planned/programmed improvements.</td>
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Inset Map

Peak Volume Based LOS (Vehicles per Hour)
- LOS C: Under 1,300 veh/hr.
- LOS D: 1,300-1,450 veh/hr.
- LOS E: 1,450 - 1,600 veh/hr.
- LOS F: More than 1,600 veh/hr.
- Other signals along corridor