I-95 Corridor Improvement Plan
Potential Improvements

Fredericksburg District: MM 113 to MM 125

FUNDED PROJECTS

<table>
<thead>
<tr>
<th>ID #</th>
<th>UPC #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>105463</td>
<td>Exit 118 - Route 606 (Mudd Tavern Road) interchange improvements</td>
</tr>
<tr>
<td>2</td>
<td>105464</td>
<td>Mudd Tavern Road reconstruction</td>
</tr>
<tr>
<td>3</td>
<td>109474</td>
<td>New commuter parking lot - U.S. 1 at Commonwealth Drive</td>
</tr>
</tbody>
</table>

BOARD 10

LEGEND: Existing Conditions and Contributing Factors

PERFORMANCE MEASURES BY DIRECTION

<table>
<thead>
<tr>
<th>Existing Multimodal</th>
<th>POTENTIAL IMPROVEMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Mutli-Modal</td>
<td></td>
</tr>
<tr>
<td>Conestion Multi-Modal</td>
<td></td>
</tr>
<tr>
<td>Safety Other</td>
<td></td>
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</table>

CONGESTION SAFETY MULTIMODAL ALTERNATE ROUTING TECHNOLOGY OTHER

Number of Public Comments Per Board

<table>
<thead>
<tr>
<th>Board</th>
<th>160</th>
<th>12</th>
<th>3</th>
<th>16</th>
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</thead>
</table>

LEGEND: Potential Improvements

INFRASTRUCTURE

- Recently Constructed, Under Construction, or Funded Project
- Interchange Improvement
- Auxiliary Lane
- Widening by One Lane

MULTIMODAL

- P&R Lot Improvement
- New P&R Lot

PERFORMANCE MEASURES

- Total delay
- Incident delay (lane closure > 1 hr)
- Crash frequency and severity
- Crash severity rate

FOR EACH MEASURE, THE TOP 25% OF ALL MILE-LONG SEGMENTS IN THE I-95 CORRIDOR ACROSS VIRGINIA ARE SHOWN. DASHED LINES (-----) INDICATE SEGMENTS THAT ARE NO LONGER PROJECTED TO BE IN THE TOP 25% BY 2025 DUE TO IMPROVEMENTS.

*Existing or to be constructed by 2025
**I-95 Corridor Improvement Plan**

**Potential Improvements**

**LEGEND: Existing Conditions and Contributing Factors**

- Total delay
- Incident delay (lane closure > 1 hr)
- Crash frequency and severity
- Crash severity rate

**PERFORMANCE MEASURES**

- BY DIRECTION
- EXISTING MULTIMODAL

**NET**

- P&R Lot*

**MULTIMODAL**

- Acceleration/Deceleration Lane
- Extension
- Curve Improvement
- Auxiliary Lane
- Widening by One Lane
- Interchange Improvement

**P&R Lot Improvement**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Mile Marker (MM)</th>
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</thead>
<tbody>
<tr>
<td>P&amp;R Lot Improvement</td>
<td>New P&amp;R Lot</td>
</tr>
</tbody>
</table>

**Recently Constructed, Under Construction, or Funded Project**

- Hard Shoulder Running
- Shoulder Widening

**BOARD 11**

<table>
<thead>
<tr>
<th>Number of Public Comments Per Board</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
</tr>
</tbody>
</table>

**EXISTING CONDITIONS**

**POTENTIAL IMPROVEMENTS**

- **# Location Direction Potential Improvements**
- **EXIT 126 NB**
  - Improve interchange configuration.
  - Widen U.S. 1, widen northbound I-95 on-ramp to two lanes, and extend acceleration lanes. (Study Completed)
- **EXIT 126B NB**
  - Extend deceleration lane
- **MM 126 to MM 129 SB**
  - Widen to four lanes
- **EXIT 126 to EXIT 130 NB**
  - Widen to four lanes
- **EXIT 133 to EXIT 136 NB**
  - Construct auxiliary lane from Exit 133 to Exit 136
- **EXIT 133 to EXIT 160 NB/SB**
  - Construct a continuous managed lane (hard shoulder running) on the left shoulder. Open southbound in the AM and northbound in the PM.
- **EXIT 136 NB**
  - Extend acceleration lane
- **EXIT 133 to EXIT 160 NB/SB**
  - Construct a continuous managed lane (hard shoulder running) on the right shoulder. Open southbound in the AM and northbound in the PM.

**Crash Frequency and Severity**

- **Crash Severity Rate**
- **Total Delay**
- **Incident Delay**
- **Move More People**
- **Improve Safety**
- **Reduce Recurring Congestion**
- **Reduce Non-Recurring Congestion**

<table>
<thead>
<tr>
<th>Crash Severity Rate</th>
<th>Total Delay</th>
<th>Incident Delay</th>
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</thead>
<tbody>
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<td>1</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

**Legend:**

- **Existing Conditions and Contributing Factors**
- **Total delay**
- **Incident delay (lane closure > 1 hr)**
- **Crash frequency and severity**
- **Crash severity rate**

**Performance Measures**

**By Direction**

- **Existing Multimodal**
- **Net**
- **P&R Lot**

**Potential Improvements**

- **Recently Constructed, Under Construction, or Funded Project**
- **Hard Shoulder Running**
- **Shoulder Widening**

**Board 11 of 15**

- **Number of Public Comments Per Board**
  - 3

**Source:** Virginia Department of Transportation (VDOT) Digital Imagery Interoperability System (DIIS)