Route 20/649 Intersection Improvements

Project would reconstruct the intersection of Routes 20 (Stony Point Road) and 649 (Profit Road) to address safety at this high traffic intersection through installation of turn lanes at to accommodate the high turning movements.

**Project Location:** Albemarle County

**SMART SCALE Area Type:** C

**Submitting Entity:** Albemarle County

**Preliminary Engineering:** Not Started

**Right of Way:** Not Started

**Construction:** Not Started

**Expenditures to Date:** N/A

**Key Fund Sources:** N/A

**Administered By:** VDOT

**Eligible Funding Program(s):** Both

**VTrans Need:** Charlottesville/Albemarle Regional Network

(Click for details)

**10.3**

SMART SCALE SCORE

#75 OF 404 STATEWIDE

#1 OF 35 DISTRICTWIDE

<table>
<thead>
<tr>
<th>Factor</th>
<th>Congestion Mitigation</th>
<th>Safety</th>
<th>Accessibility</th>
<th>Economic Development</th>
<th>Environment</th>
<th>Land Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measure</td>
<td>Increase Peak Period Throughput</td>
<td>Reduction in Peak Period Delay</td>
<td>Reduction in Fatal and Injury Crashes</td>
<td>Reduction in Fatal and Injury Crash Rate</td>
<td>Increase in Access to Jobs</td>
<td>Increase in Access to Jobs for Disadvantaged Populations</td>
</tr>
<tr>
<td>Measure Value</td>
<td>280.6 thousand persons</td>
<td>96.6 thousand person hrs.</td>
<td>18.5 EPDO</td>
<td>4,279.2 EPDO / 100M VMT</td>
<td>0 jobs per resident</td>
<td>0 jobs per resident</td>
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<tr>
<td>Normalized Measure Value (0-100)</td>
<td>2.8</td>
<td>3.0</td>
<td>5.6</td>
<td>22.2</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Measure (%) Weight</td>
<td>50%</td>
<td>50%</td>
<td>50%</td>
<td>50%</td>
<td>60%</td>
<td>20%</td>
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<tr>
<td>Factor Value</td>
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<td>13.9</td>
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<tr>
<td>Factor (%) Weight</td>
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<td>25%</td>
<td>25%</td>
<td>25%</td>
<td>20%</td>
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<tr>
<td>Weighted Factor Value</td>
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<td>3.5</td>
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</table>

**Project Benefit**

4.1

**SMART SCALE Cost**

$4,000,000

**SMART SCALE Score (Project Benefit / SMART SCALE Cost)**

10.3