RECOMMENDED
GREEN OPTION
REALIGN ROUTE 19 TO THE WEST WITH DUAL 6-LEG ROUNDABOUTS
COST: $9.72 Million

DESCRIPTION OF IMPROVEMENTS:
• REALIGN ROUTE 19 TO THE WEST
• CONSTRUCT 6-LEG ROUNDABOUT AT WESTBOUND I-70 RAMPS AND NORTH OUTER ROAD (BOONESLICK ROAD)
• CONSTRUCT 6-LEG ROUNDABOUT AT EASTBOUND I-70 RAMPS AND SOUTH OUTER ROAD (TREE FARM ROAD)
• 36' WIDE BRIDGE TO PROVIDE TWO TRAFFIC LANES

ADVANTAGES:
• FREE FLOWING TRAFFIC THROUGH INTERCHANGE
• SECOND LOWEST COST
• NO TURN LANE REQUIRED ON BRIDGE = NARROWER / MORE ECONOMICAL BRIDGE
• ELIMINATES TRAFFIC SIGNAL = NO TRAFFIC SIGNALS TO MAIN'AIN
• HIGHEST PREDICTED CRASH REDUCTION DESIGN
• ROUNDABOUTS DECREASE PROBABILITY AND SEVERITY OF CRASHES
• ELIMINATES TWO INTERSECTIONS
• LEAST AMOUNT OF RIGHT OF WAY ACQUISITION
• MINIMAL ENVIRONMENTAL IMPACTS

DISADVANTAGES:
• LEARNING CURVE FOR DRIVERS TO BECOME FAMILIAR WITH 6-LEG ROUNDABOUTS

INTERSECTION PERFORMANCE
A TO E GRADING SCALE (A=EXCELLENT; D=ACCEPTABLE; F=FAILURE)

<table>
<thead>
<tr>
<th>INTERSECTION</th>
<th>CURRENT (2021)</th>
<th>FUTURE (2041)</th>
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<tbody>
<tr>
<td>6-LEG NORTHROUNDABOUT</td>
<td>B</td>
<td>C</td>
</tr>
<tr>
<td>6-LEG SOUTHROUNDABOUT</td>
<td>A</td>
<td>B</td>
</tr>
</tbody>
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LEGEND
- TENTATIVE ALIGNMENT
- TENTATIVE BRIDGE
- EXISTING RIGHT OF WAY
- TENTATIVE RIGHT OF WAY
- SLOPE LIMITS

TYPICAL SECTION THRU ROUNDABOUT
(NOT TO SCALE)

TYPICAL SECTION ON BRIDGE
(NOT TO SCALE)