DATA COLLECTION - INTERCHANGES

GENERAL SITE INFORMATION

DATE: ___________________________ ROADWAY: ___________________________

COUNTY: ___________________________ STUDY SITE LENGTH (miles): ___________________________

DISTRICT: ___________________________

DATA COLLECTION PERSONNEL: ___________________________

INTERCHANGE - SPECIFIC INFORMATION

INTERCHANGE LOCATION: ___________________________

LIGHTING TYPE: ☐ MERCURY ☐ SODIUM ☐ OTHER

MAINLINE POLE CONFIGURATION: ___________________________

MAINLINE POLE SPACING (ft): ___________________________

WATTAGE: ___________________________

SECTION LENGTH (miles): ___________________________

INTERCHANGE LIGHTING ANALYSIS

BASE LIGHTING OPERATIONAL LEVEL CALCULATIONS (B.L.O.L.):

<table>
<thead>
<tr>
<th>CONFIGURATION</th>
<th>TOTAL NUMBER</th>
<th>POINTS</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>GORE AREA</td>
<td>30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TERMINAL AREA</td>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAINLINE SEGMENTS</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CROSSROAD SEGMENTS</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RAMP SEGMENTS</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>30</strong></td>
<td><strong>30</strong></td>
</tr>
</tbody>
</table>

ACTUAL LIGHTING OPERATIONAL LEVEL CALCULATIONS (A.L.O.L.):

<table>
<thead>
<tr>
<th>CONFIGURATION</th>
<th>ACCEPTABLE OPERATIONS</th>
<th>POINTS</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>GORE AREA</td>
<td>30</td>
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<td><strong>30</strong></td>
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OPERATIONAL RATIO CALCULATIONS:

\[ \text{O.R.} = \frac{\text{A.L.O.L.}}{\text{B.L.O.L.}} = \]

\[ < .90 \text{ THEREFORE} \]

NOTE: The acceptable level for the O.R. is 0.90 or greater.