\[ \Delta_3 = \Delta_1 \text{ (VARIABLE)} + 2\Delta_2 \]

\[ Y = E + T \]

\[ R_3 = 2A + 10' \]

\[ D + T_1 = 50.00' \]

NOTES:
1. SEE SHEET 2 FOR DIMENSION TABLE.
2. SEE STANDARD No. 400 FOR SIDEWALK ON INSIDE OF KNUCKLE.
3. 25' REGARDLESS OF R/W WIDTH.

NOT TO SCALE
PREPARED UNDER THE SUPERVISION OF:

COUNTY OF RIVERSIDE
KNUCKLE
STANDARD No. 801 (1 OF 2)
## KNUCKLE DIMENSION TABLE

<table>
<thead>
<tr>
<th>R/W</th>
<th>ROADWAY IMPROVEMENT WIDTH</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>R₁</th>
<th>R₂</th>
<th>R₃</th>
<th>Δ₂</th>
<th>R₄</th>
<th>T₁</th>
<th>R₅</th>
<th>T₂</th>
</tr>
</thead>
<tbody>
<tr>
<td>50'</td>
<td>32'</td>
<td>25'</td>
<td>16'</td>
<td>9'</td>
<td>40.91'</td>
<td>69.09'</td>
<td>35'</td>
<td>51'</td>
<td>60'</td>
<td>10(^{°}23)'19&quot;</td>
<td>100'</td>
<td>9.09'</td>
<td>109'</td>
<td>9.91'</td>
</tr>
<tr>
<td>56'</td>
<td>36'</td>
<td>28'</td>
<td>18'</td>
<td>10'</td>
<td>40.99'</td>
<td>70.00'</td>
<td>35'</td>
<td>56'</td>
<td>66'</td>
<td>10(^{°}17)'48&quot;</td>
<td>100'</td>
<td>9.01'</td>
<td>110'</td>
<td>9.91'</td>
</tr>
<tr>
<td>60'</td>
<td>40'</td>
<td>30'</td>
<td>20'</td>
<td>10'</td>
<td>41.04'</td>
<td>70.60'</td>
<td>35'</td>
<td>60'</td>
<td>70'</td>
<td>10(^{°}14)'12&quot;</td>
<td>100'</td>
<td>8.96'</td>
<td>110'</td>
<td>9.85'</td>
</tr>
<tr>
<td>66'</td>
<td>44'</td>
<td>33'</td>
<td>22'</td>
<td>11'</td>
<td>41.12'</td>
<td>71.49'</td>
<td>36'</td>
<td>65'</td>
<td>76'</td>
<td>10(^{°}08)'58&quot;</td>
<td>100'</td>
<td>8.88'</td>
<td>111'</td>
<td>9.86'</td>
</tr>
<tr>
<td>74'</td>
<td>44'</td>
<td>37'</td>
<td>22'</td>
<td>15'</td>
<td>41.22'</td>
<td>72.66'</td>
<td>40'</td>
<td>69'</td>
<td>84'</td>
<td>10(^{°}02)'13&quot;</td>
<td>100'</td>
<td>8.88'</td>
<td>115'</td>
<td>10.10'</td>
</tr>
<tr>
<td>78'</td>
<td>56'</td>
<td>39'</td>
<td>28'</td>
<td>11'</td>
<td>41.27'</td>
<td>73.23'</td>
<td>36'</td>
<td>77'</td>
<td>88'</td>
<td>9(^{°}58)'58&quot;</td>
<td>100'</td>
<td>8.73'</td>
<td>111'</td>
<td>9.69'</td>
</tr>
</tbody>
</table>

NOT TO SCALE

PREPARED UNDER THE SUPERVISION OF:

[Signature]

11/30/22

DIRECTOR OF TRANSPORTATION
MARK LANCASTER, P.E.

COUNTY OF RIVERSIDE

KNUCKLE

STANDARD No. 801 (2 OF 2)