**CRT POST DETAIL**

POSTS #3 - #7
See Note 1

**NOTES:**
1. CRT posts include those posts between the terminal and PT, plus the post with block at Post #7. See Detail ET 617-10 for black details.
2. See Special Contract Requirements when 7-foot or longer posts are specified.
3. See Detail ET 617-22 for terminal section. Type CRT details. The use of the CRT terminal is limited to driveways, service roads, and low-speed minor road approaches. Use the appropriate TI-2 or TI-3 terminal on all other roadway approaches.
4. If the CRG will be connected to transition rail at Post 8, add a standard post and block midway between Posts 7 and 8.
5. Dimensional tolerances not shown or implied are intended to be those consistent with the proper functioning of the part, including its appearance, and accepted manufacturing practices.

**TYPICAL GUARDRAIL CROSS SECTION**

- Aggregate base or as shown on Typical Section
- Edge of pavement or ground line at face of rail as applicable
- Variable fill slope
- Subgrade shoulder
- Widening required for approach and departure terminal sections
- 1:10 or flatter
- Variable fill slope
- 1:2 to 1:4
- Hinge line of foreslope
- Variable slope but not steeper than fill slope
- See Note 2
- See Notes 3 & 4
- Ray Limits Guardrail System CRG
- Ray Limit Terminal Section

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**GUARDRAIL SYSTEM CRG WITH CRT POSTS**

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**RADIUS**

<table>
<thead>
<tr>
<th>RADIUS</th>
<th>ANGLE</th>
<th>NUMBER OF CRT POSTS (See Note 1)</th>
<th>NUMBER OF POSTS ALONG CURVATURE BETWEEN PC AND PT</th>
<th>AREA FREE OF FIXED OBJECTS (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'-6&quot;</td>
<td>75°-90°</td>
<td>5</td>
<td>1</td>
<td>25 W 15 L</td>
</tr>
<tr>
<td></td>
<td>90°-105°</td>
<td>5</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>17'-0&quot;</td>
<td>75°-90°</td>
<td>6</td>
<td>3</td>
<td>30 W 15 L</td>
</tr>
<tr>
<td></td>
<td>90°-105°</td>
<td>7</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>25'-6&quot;</td>
<td>75°</td>
<td>7</td>
<td>5</td>
<td>40 W 20 L</td>
</tr>
<tr>
<td></td>
<td>90°</td>
<td>8</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td></td>
<td>105°</td>
<td>9</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>35'-0&quot;</td>
<td>90°</td>
<td>9</td>
<td>7</td>
<td>50 W 20 L</td>
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<tr>
<td></td>
<td>105°</td>
<td>12</td>
<td>9</td>
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</tr>
</tbody>
</table>

**REFERENCES:**
- See Note 1
- See Note 4
- See Note 2
- See Notes 3 & 4