This railing has been structurally evaluated to be equivalent or greater in strength to other safety shape railings which have been crash tested to NCHRP Report 350 TL-4 criteria.

CONCRETE AND REINFORCING STEEL: See Structures Plans, General Notes.

GUARDRAIL: For Guardrail connection details see Index No. 400.

SUPERELEVATED BRIDGES: At the option of the Contractor the Traffic Railing on super-elevated bridges may be constructed perpendicular to the roadway surface.

The cost of all modifications will be at the Contractor's expense.

REFLECTIVE RAILING MARKERS: Reflective Railing Markers shall meet Specification Section 993. Install markers on top of the Traffic Railing along the centerline of the spacing shown in the table above. Reflectors of an intermediate open joint shall be included in the Contract Line Price for the Traffic Railing.

MARKER SPACING

<table>
<thead>
<tr>
<th>Distance</th>
<th>Edge of Travel Lane to Face of Railing</th>
<th>Spacing (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>≤ 2</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>&gt; 2 to ≤ 8</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>&gt; 8</td>
<td>None Required</td>
<td></td>
</tr>
</tbody>
</table>

AFFIRMATIVE REFERENCES:

For Section A-A, View B-B and Detail "A" see Sheet 2.

For Detail "B" see Sheet 3.

Provide 3/4 Intermediate Open Joint at:

(1) - Superstructure supports where slab is continuous.

TRAFFIC RAILING NOTES

Joints: See Plans, Superstructure, Approach Slab and Retaining Walls Sheets for actual dimensions and joint orientation. Provide open Railing Joints at Deck Expansion Joint locations matching the dimensions of the Deck Joint. For treatment of Railing on skewed bridges see Index No. 490.