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-5 Criteria. The Department will determine the vertical Datum information for walls and at expansion joints on retaining wall.

**MARKERS:** Elevation Markers shall be placed on top of the Traffic Railing at the end bents. On bridges longer than 100 ft, one marker shall be placed at each end of the bridge. On bridges 100 ft or less one marker shall be placed at one end of the bridge only. Markers are to be furnished by the Florida Department of Transportation and installed by the Contractor. The cost of installing the markers shall be included in the Contract Unit Price for the Traffic Railing. The Department will determine the vertical Datum information for the markers.

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

**SUPERELEVATED BRIDGES:** At the option of the Contractor the Traffic Railing on super-elevated bridges may be constructed perpendicular to the roadway surface. If an adjoining railing is constructed plumb, transition the end of the Traffic Railing from perpendicular to plumb over a minimum distance of 20'-0". The cost of all modifications will be at the Contractor’s expense.

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

**JOINTS:** See Structures 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 Railings on skewed bridges see Index No. 490.

Provide 1/2" Intermediate Open Joints shall be provided at:
1. Superstructure supports where slab is continuous.
2. Ends of approach slabs when adjacent to retaining walls and at expansion joints on retaining wall junction slabs.

**REFLECTIVE RAILING MARKERS:** Reflective Railing Markers shall meet Specification Section 993. Install markers on top of the Traffic Railing 2" from the face on the traffic side at the spacing shown in the table above. Reflector color (white or yellow) shall match the color of the near edgeline. The cost of the reflective markers shall be included in the Contract Unit Price for the Traffic Railing.