See slab sheet for rail post spacing.

For Elevation C-C see Sheet No. __.

**Standard Drawing Elements (do not show on plan):**

- Design weight of 12-gauge thrie beam rail:
  - For 22 thru 31-inch voided slab depth, use 10 inches from top of original slab plus overlay depth.
  - For 32-inch voided slab depth, reduce to 8 inches plus overlay depth.
  - Remove and show total of 6'-0" plus overlay and depths give total depth of slab plus overlay depth.

**General Notes:**

- Design Specifications: 2002 AASHTO LFD (17th Ed.)
- Standard Specifications

**Fabrication of structural steel shall be in accordance with the shop drawings.**

**Protection of steel:**

- All bolts, nuts, washers and plates will be galvanized or a protective coating as specified.

**Minimum length of thrie beam rail is one length equal to one post span.**

**For 22 thru 31-inch voided slab depth:**

- Use 10 inches from top of original slab plus overlay depth.
- Use 8 inches plus overlay depth for slab depth of 32 inches.

**For 32-inch voided slab depth:**

- Reduce to 8 inches plus overlay depth.

**Protective coating and material requirement of steel:**

- Protective coating and material requirement of steel shall be in accordance with the shop drawings.

**Performance of structural steel:**

- All bolts, nuts, washers and plates will be galvanized or a protective coating as specified.

**Additional requirements:**

- All steel connecting bolts and fasteners for posts and splices, and all anchor bolts, nuts, washers and plates shall be galvanized or a protective coating as specified.

**Guide to Conn. and Splice Location:**

- Expansion connections shall be provided at the end of the thrie beam rail and the channel members, and at every other post or beam for movement.

**Shims:**

- Shims shall be galvanized after fabrication.

**Horizontal alignment:**

- Horizontal alignment shall be checked after final adjustment. The shims shall be placed as specified.

**Expansion connections:**

- Expansion connections shall be provided at the end of the thrie beam rail and the channel members, and at every other post or beam for movement.

**Vertical alignment:**

- Vertical alignment shall be checked after final adjustment. The shims shall be placed as specified.