THREE1c_system1_dblt  Effective: Apr. 2021  Supersedes: July 2020

---

### Part Plan at Intermediate Bent

**SECTION THRU THREE BEAM RAIL**

- **Base Plates:**
  - 3-1/4" x 13" x 1/2" for rail base plates
  - 3-1/4" x 13" x 1/2" for rail splice plates

- **Washers & Nuts:**
  - Grade 36 anchor bolts with ASTM A563 hardened washers and Grade A hex nuts and ASTM F436 hardened washers
  - One flat washer and hex nut

- **Bolts in Girders:**
  - M12 x 150mm bolt at splices

- **Expansion Splice in Thrie and Thrie beam rail:**
  - 2" (Min.)

- **Effective:**
  - Apr. 2021

---

**Neutral Axis**

- 3" ± 3‰

---

**THREE BEAM RAIL SPLICE**

- **1/2" x 21" Slotted Holes (Regular splice) and 2" x 13" Slotted Holes (Expansion splice)](2,10)"