continued...
**RECTANGULAR TUBE SLEEVE MEMBER DETAIL**

(See Tube Fabrication Details)

**PLAN OF RAIL AT EXPANSION JOINTS**

Example showing Slab Expansion Joints without breakstands.

**ELLIPtical TUBE & ELLIPtical SLEEVE MEMBER DETAILS**

- **Material**
  - ASTM A36 or A500 Gr B
  - API-5LX52
- **Thickness**
  - 0.224" 
  - 0.339" 

**Rectangular Tube Option**

- 2" Dia Std Pipe (2.375" O.D., 0.154" wall thickness) (ASTM A53 Gr B, API-5LX52 or A500 Gr B). Installed on either side of steel rail post.

**Notes:**
- Interface areas of equal or different strength are acceptable for elliptical sleeves. The major and minor diameters of the rail member may vary slightly, but the difference between the outside diameters of the elliptical sleeve and the inside diameters of the rail member must not exceed 0.25 inches.

**COMBINATION RAIL**

**TYPE C402**