**Steel Diaphragm Notes:**

- **At Diaphragm Section Thru Int. Girder:**
  - 3 "
  - 4" A
  - 5/16" x 44" Bent Plate

- **At Diaphragm Section Thru Ext. Girder:**
  - 3 ~ 0 "
  - 4" B
  - 16" C
  - 1 1/2" Hole

**Standard Drawing Guidance (Do not show on plans):**

Check that the 1 1/2" holes for the diaphragms shown on the design plans will provide a minimum clearance of at least 1 1/2" to any prestressing strands. Diaphragm spacing may need to be adjusted.

1. Use 2'-4" for NU 78 girders
2. Delete panels for CIP slab.

**Steel Intermediate Diaphragms:**

- **Steel Diaphragm Notes:**
  - In lieu of 2 1/2" outside diameter washers, contractor may substitute a 1 1/16" Min. thickness) plate with four 15/16" holes and one hardened washer per bolt.
  - All diaphragm materials including bolts, nuts, and washers shall be galvanized.
  - Fabricated structural steel shall be ASTM A709 Grade 36 except as noted.

- **Payment for furnishing and installing steel intermediate diaphragms will be considered completely covered by the contract unit price for Steel Intermediate Diaphragm for P/S Concrete Girders.**
  - Shop drawings will not be required for steel intermediate diaphragms and angle connections.

For notation of intermediate diaphragms, see Sheet No. ...