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.

Delete panels for CIP slab.

Concrete Girders.

Fabricated structural steel shall be ASTM A709 Grade 36 except as noted.

All diaphragm materials including bolts, nuts, and washers shall be galvanized.

High strength bolt installation. ASTM F3125 Grade A325 Type 1 bolts may be substituted for ASTM A307 bolts.

**Bolts shall be tightened to provide a tension of one-half that specified in Sec 712 for high strength bolt installation. ASTM F3125 Grade A325 Type 1 bolts may be substituted for and installed in accordance with the requirements for the specified ASTM A307 bolts.

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 location of intermediate diaphragms, see Sheet No. .