All strands are fully bonded unless otherwise noted. 

1. Indicates prestressing strand.
2. Indicates cut and shop bend with 2'-6" projection.
3. Indicates denoted for X-X' from end of beam.
4. Indicates denoted for X-X' from end of beam.

Fabricator shall apply a bond breaker to this region excluding cut and shop bend with 2'-6" projection.

Notes:

1. Fabricator shall apply a bond breaker (2") region excluding cut and shop bend with 2'-6" projection.
2. "Cl.
3. "Ø Holes (Typ.)
4. "Ø Holes (Typ.)
5. "Ø Vent Pipe
6. "Ø Holes (Typ.)
7. "Ø Vent Pipe
8. "Ø Holes (Typ.)
9. "Ø Holes (Typ.)
10. "Ø Holes (Typ.)

General Notes:

Concrete for prestress beam shall be Class A-1 with T = psi and Fc = psi.

Use strands, "Ø Grade 70.

Pretensioned members shall be in accordance with Sec 1229.

Fabricator shall be responsible for fabrication and design of lifting device.

Exterior and interior beams are the same except coil ties. See drawings for details.

For Beam Camber Diagram, see Sheet No. 11.

For location of coil inserts at end of beam, see Sheet No. A-B.

For location of coil ties at concrete bent diaphragms, see Sheets No. A-A and A-A.
STANDARD DRAWING GUIDANCE (do not show on plans):
(Turn off level Bridge-Guidance to hide guidance)

1. Actual strand arrangement, bent-up strands, and debonding (if any) is by design. (Top two strands are required). Add or remove symbols and instructions as required. Strands may be placed continuously across beam (eliminating 4” space), but dimension to drain hole in Part Plan shall be revised to 10”.

2. Revise if #5 is required. Use 7’-3” for #5-S1 actual length and 6’-9” for #5-S2 actual length.

3. Splices shown only when necessary (girder length > 60’-2”). Use 2’-1” lap for #4 & 2’-7” lap for #5.

4. Interior diaphragm & vent pipe shall be shown only when necessary (when structure may be submerged). When not necessary:
   - Delete the two grouped elements.
   - Delete the two dashed hidden lines to # Beam.
   - In Part Plan revise remaining dimension to full length of void.

5. Revise minimum dimension if required by design.

6. By design, Typically 30.98 kips per 0.5” strand & 43.94 kips per 0.6” strand, rounded to nearest whole kip.

7. Strand location not available when vent pipe is required.