1. Girder - Spans (X-X) and (X-X)

2. Strand Arrangement
- Indicates cut & shop bend prestressing strand with 2°6° projection.

3. Strand at Girder Ends
- INTERMEDIATE BENT
- END BENT
- END VIEW

4. Bearing
- 3/4" Chamfer
- 1" Bearing

5. Section A-A
- Strands not shown for clarity.

6. Section B-B
- Strands not shown for clarity.

7. General Notes:
- Concrete for prestressed girders shall be Class A-1 with f'c = 4000 psi and f'c = 4000 psi.
- Use strands, 3/8" Grade 70, with an initial prestress force of 10 kips.
- Prestressed members shall be in accordance with Sec 1029.
- Fabricator shall be responsible for location and design of lifting devices.
- Exterior and interior girders are the same except coil ties and coil inserts.
- For Girder Camber Diagram, see Sheet No.
- For location of coil ties at slab drains, see Sheet No.
- For location of coil inserts at slab drains, see Sheet No.

8. Bill of Reinforcing Steel - Each Girder
- USE ALTERNATE SHAPE

9. Reinforcement:
- Prestressed members shall be in accordance with Sec 1029.

10. Symbol Legend:
-表明配料、钢筋、箍筋的符号

Note: This drawing is not to scale. Follow dimensions.
Standard Drawing Guidance (do not show on plans):

To display the strand details open the reference files dialog box and activate the display option of the file with the description that best matches what is required by the design.

See EPG for actual length of B1 bars which vary by size.

The details of the coil ties are for closed diaphragms. Include additional detail below for open diaphragms.

1. This detail only needs to be used if the structure is over water. For all other crossings remove this detail.

2. Remove if #5-81 bars are used.

3. Use with end spans when both interior & exterior girders are detailed on the same sheet, and the 2'-6" long tie rod will not fit in the exterior diaphragm portion. Remove when not necessary.

4. By design. Typically 30.98 kips per 1/2" strand & 43.94 kips per 0.6" strand, rounded to nearest whole kip.