**DIMENSIONS**

- GIRDER STRAND ARRANGEMENT
  - + indicates prestressing strand.
  - # indicates cut & shop bend to girders.
  - # indicates cut & shop bend to girders.

- END VIEW
  - 2'-6" @ 1/2" bearing.

- SECTION A-A
  - Strands not shown for clarity.

- SECTION B-B
  - Strands not shown for clarity.

**SHAPES**

- GIRDER STRANDS AT GIRDER ENDS
  - End view bend with 2'-6" projection.
  - Intermediate bend with 2'-6" projection.

**GENERAL NOTES**

- Concrete for prestressed girders shall be Class A-1 with f'c = 3,000 psi and f'ci = 3,000 psi.
- Prestressed strands, 1/2" Grade 270, shall be Class A-1 with f'c = 3,000 psi.
- Pretensioning members shall be in accordance with Sec. 1129.
- Fabricator shall be responsible for location and design of lifting devices.
- Exterior and interior girders are the same except: exterior girders are bent with 2'-6" projection.
- Section B-B: Open diaphragms for alternate shape.
- For Girder Camber Diagram, see Sheet No. 2.
- For location of coil ties at concrete bent diaphragms, see Sheet No. 6.
- For Girder Diaphragm Diagram, see Sheet No. 3.

**REINFORCING STEEL BILL**

- GIRDER - SPANS (X-X) AND (X-X1)

**NOTES**

- This drawing is not to scale. Follow dimensions.
PS1_02_type3_3-3  Guidance & Alternate Details

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.

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-B1 bars are used instead of #4-B1 bars.
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.