Girder Notes:
1. Plan length shall be increased as necessary to compensate for shortening due to pretensioning and shrinkage.
2. All pretensioned and temporary strands shall be 0.6"ø low relaxation strands (AASHTO M270-95).
3. For end type A, C and D, cut all strands flush with the exterior ends and paint with an approved epoxy resin, except for extended strands as shown. For end type B, cut all strands 1" below concrete surface and group with an approved epoxy resin.
4. The top surface of the girder flange shall be roughened in accordance with Section 6-02.3(25) of the Standard Specifications.
5. Lifting embedments shall be installed in accordance with Section 6-02.3(25), of the Standard Specifications.
6. Caution shall be exercised in handling and placing girders. All girders shall be checked by the contractor to ensure that they are placed adequately to prevent tipping and to control lateral bending during shipping. Once erected, all girders shall be braced laterally to prevent tipping until the diaphragms are cast and cured.
7. Forms for bearing pad recesses shall be constructed and fastened in such a manner as to not cause damage to the girder during the strand release operation.
8. Temporary top strands shall be either pretensioned or post-tensioned in accordance with Section 6-02.3(25), of the Standard Specifications and the Order Details Sheets. The lifting location "L" and concrete release strength "Fci" shown in the order schedule assume that the temporary top strands are pretensioned. Alternatively, post-tensioned temporary top strands may be used if the lifting points in the order schedule are maintained and the stresses are stressed prior to lifting the girder from the form.
9. For diaphragms, om holes and place inserts on the interior face of exterior girders. Place holes and inserts parallel to skew. Inserts shall be 1"ø Meadburk MX-3 Hi-Tensile, Lancaster Malleable, Dayton-Superior F-62 flared thin slab ferrule or approved equal.

Temporary Top Strands:
- Field bending required to obtain 18" concrete cover at pavement seat.
- Om holes and place inserts on the interior face of exterior girders. Place holes and inserts parallel to skew. Inserts shall be 1"ø Burke HI-Tensile, Lancaster Malleable, Dayton-Superior F-62 flared thin slab ferrule or approved equal.

Maximum Slope for Strands:
- 0.1 for each 6" strand or 0.1 for each 6" strand.

Cylindrical Spacing:
- Varies for skewed ends.
- Pairs of bars, or Mn bars, may be used interchangeably at bottom flange ties.

Shall be checked for effect of vertical curve.

TYPICAL END ELEVATION

END TYPE C SHOWN, OTHER END TYPES SIMILAR.

Girder Elevation

Bending Diagram

TWO POINTS OF SPAN FOR SPAN LENGTHS 40'-0" TO 80'-0".
No intermediate diaphragm for span lengths 40'-0" or less.