Concrete for prestressed girders shall be placed with F'c = 5000 psi and F'ci = 2400 psi.

Concrete for prestressed girders shall be Class A-1 with pretensioned members in accordance with Sec 3.08.09. Strands, 1/2 inch diameter in accordance with AASHTO M 203, Grade 100. Prestressing tendons shall be uncoated, seven-wire, low-relaxation strands, (+) indicates prestressing strand.

Use 2-3/4" #4-D1 #5 strand tie bars with an initial prestress force of 30 kips.

Note: This drawing is not to scale. Follow dimensions.

**Remove if #5-B1 bars are used.

See EPG for details required with open diaphragms.

The details of the coil ties are for closed diaphragms.

Remove IF #5-B1 bars are used.

To display the strand details open the reference files dialog box and activate the display option for Girder Camber Diagram.

Fabricator shall be responsible for location and design of lifting devices.

Modular and headers shall be in accordance with the (C6) Manual of Standard Practices for Designing Reinforced Concrete Bridge Structures and the Standards.

Actual lengths are measured along centerline of bar and are the required bar.

Minimum clearance to reinforcing shall be 1".

At a reinforcer shall be Grade 60.

All #5 bars may be furnished as one bar or the reinforcing is option.

All #5 bars shall be epoxy coated.

#4-D1

#4-C1

#5-B1

#4-B1