NOTES:

1. Work this sheet with the "BEVELED BEARING PLATE DATA TABLE" in the plans.

2. Beveled Bearing Plates B with Embedded Bearing Plates A are required for beams only as scheduled in the "TABLE OF BEAM VARIABLES" on Beam Sheets.

3. Bearing plate material shall conform to ASTM A36 or ASTM A709 (Grade 36 or 50). Headed Concrete Anchor Studs shall conform to Specification Section 502. Hot-dip galvanized Bearing Plates A & B after fabrication except Galvanized Caps may be welded in place after hot-dip galvanizing. Drill Bearing Plates A and B as an assembled unit, Thread Bearing Plate A only. Drill and thread holes perpendicular to bottom of Beam and prior to placing being galvanized (ASTM A 123).

4. Provide Electroplated, Flat Countersunk Head Cap Screws in accordance with ASTM F 835. Electroplating shall be ASTM B 633, SC 2, Type 1. Provide screws long enough to maintain a 3⁄4" minimum embedment into Embedded Bearing Plate A and with at least M10 x 3⁄4" top. Provide screws long enough to maintain a 3⁄4" minimum embedment into Embedded Bearing Plate A and Galvanized Caps. Provide steel Galvanized Caps with 3⁄4" Min. to 1 3⁄4" Max. height and nominal 1" inside diameter.

5. Include the cost of Beveled Bearing Plates in the pay item for Prestressed Beams (Florida U-Beams).

6. For Dimensions C and D, see "BEVELED BEARING PLATE DATA TABLE" in the Structures Plans. For Dimensions J, K1 and K2, see 'TABLE OF BEAM VARIABLES' on Beam Sheets.

7. All details and dimensions shown are along Beam for single bearings and is Beam for double bearings, except for dimensions to 3⁄4" Dia. Holes in Plate B, which are along Screws or Anchor Studs. Positive Slope shown, Negative Slope similar.

8. When Skew = 0°, dimensions for Embedded Bearing Plate A are D x C x 3⁄4" and for Beveled Plate B are D x C x 3⁄4" Min.  "TABLE OF BEAM VARIABLES' on Beam Sheets.

9. Include the cost of Beveled Bearing Plates in the pay item for Prestressed Beams (Florida U-Beams).

2. Beveled Bearing Plates B with Embedded Bearing Plates A are required for beams only as scheduled in the "TABLE OF BEAM VARIABLES" on Beam Sheets.

3. Bearing plate material shall conform to ASTM A36 or ASTM A709 (Grade 36 or 50). Headed Concrete Anchor Studs shall conform to Specification Section 502. Hot-dip galvanized Bearing Plates A & B after fabrication except Galvanized Caps may be welded in place after hot-dip galvanizing. Drill Bearing Plates A and B as an assembled unit, Thread Bearing Plate A only. Drill and thread holes perpendicular to bottom of Beam and prior to placing being galvanized (ASTM A 123).

4. Provide Electroplated, Flat Countersunk Head Cap Screws in accordance with ASTM F 835. Electroplating shall be ASTM B 633, SC 2, Type 1. Provide screws long enough to maintain a 3⁄4" minimum embedment into Embedded Bearing Plate A and Galvanized Caps. Provide steel Galvanized Caps with 3⁄4" Min. to 1 3⁄4" Max. height and nominal 1" inside diameter.

5. Include the cost of Beveled Bearing Plates in the pay item for Prestressed Beams (Florida U-Beams).

6. For Dimensions C and D, see "BEVELED BEARING PLATE DATA TABLE" in the Structures Plans. For Dimensions J, K1 and K2, see 'TABLE OF BEAM VARIABLES' on Beam Sheets.

7. All details and dimensions shown are along Beam for single bearings and is Beam for double bearings, except for dimensions to 3⁄4" Dia. Holes in Plate B, which are along Screws or Anchor Studs. Positive Slope shown, Negative Slope similar.

8. When Skew = 0°, dimensions for Embedded Bearing Plate A are D x C x 3⁄4" and for Beveled Plate B are D x C x 3⁄4" Min.  "TABLE OF BEAM VARIABLES' on Beam Sheets.

9. Include the cost of Beveled Bearing Plates in the pay item for Prestressed Beams (Florida U-Beams).