NOTES:

1. Work this sheet with Index 400-510 - Composite Elastomeric Bearing Pads, and the BEARING PLATE DATA TABLE in the Structures Plans.

2. Embedded Bearing Plates A are required for all Florida-I beams. Beveled Bearing Plates B with Embedded Bearing Plates A are required for beams as scheduled in the BEARING PLATE DATA TABLE in the Structures Plans.

3. Bearing plate material shall conform to ASTM A36 or ASTM A209 Grade 36 or 50. Headed Concrete Anchor Studs shall conform to Specification Section 502. Hot-dip galvanize Bearing Plates A and B after fabrication except that 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. Holes are not required in Plate A when Plate B is not required. Drill and thread holes perpendicular to Embedded Plate A and prior to plates being galvanized (ASTM A 123).

4. Provide Electroplated, Flat Head Cap Screws in accordance with ASTM F 835. Electroplating shall be ASTM B633, SC 2, Type 1. Provide screws long enough to maintain a 2 1/2" minimum embedment into Embedded Bearing Plate A and Galvanized Caps. Provide steel Galvanized Caps with 2 1/2" Min. to 1" Max. height and nominal 1" inside diameter.

5. Include the cost of Bearing Plates in the pay item for Prestressed Beams.

6. For Pad Type and Dimensions C, D, E, F and G, see the BEARING PLATE DATA TABLE in the Structures Plans.

7. All details and dimensions shown are along 1'-9" Beam, except for Dimensions J, K1 and K2, see TABLE OF BEAM VARIABLES in the Structures Plans.

8. For Dimensions J, K1 and K2, see TABLE OF BEAM PLATE DATA TABLE in the Structures Plans.

9. Slope is determined along 1'-9" Beam at Bearing. See BEARING PLATE DATA TABLE in the Structures Plans for Slope and Angle Ø.

CROSS REFERENCE:
See Detail "A" for "A".

INDEX

NOTE:
"G" for Pad Type K

* 2 1/2" Dia. Holes for 2 1/2" Dia. Screws, (See Note No. 3)

#2 1/2" Dia. x 2 1/2" Anchor Studs, (See Detail "A")

ª 1/2" Dia. x 2" Dia. Screws or Ø Anchor Studs. Positive Slope shown, Negative Slope similar.

© 1/2" Dia. Screws or 1/2" Dia. Anchor Studs. Positive Slope shown, Negative Slope similar.

© 1/2" Dia. Screws, 2 1/2" Anchor Studs, 2 1/2" Dia. Screws, (See Note No. 3)

© 1/2" Dia. x 2" Dia. Anchor Studs, (See Detail "A")

© 1/2" Dia. Screws or 1/2" Dia. Anchor Studs. Positive Slope shown, Negative Slope similar.

© 1/2" Dia. Screws or 1/2" Dia. Anchor Studs. Positive Slope shown, Negative Slope similar.

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