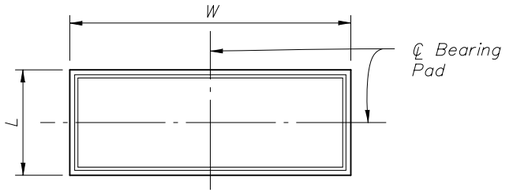
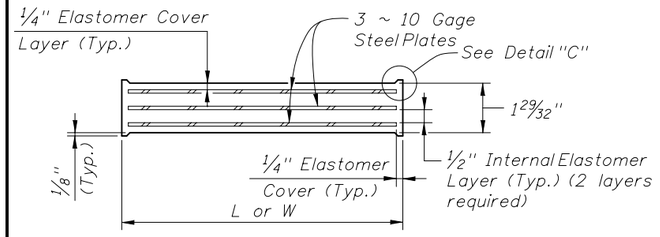
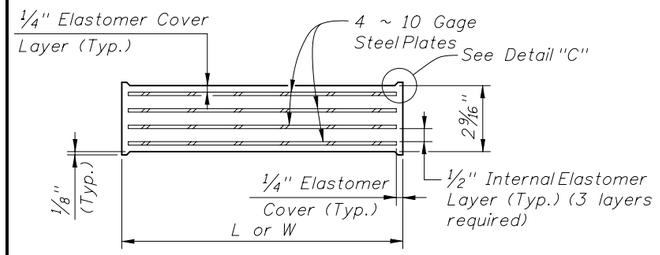


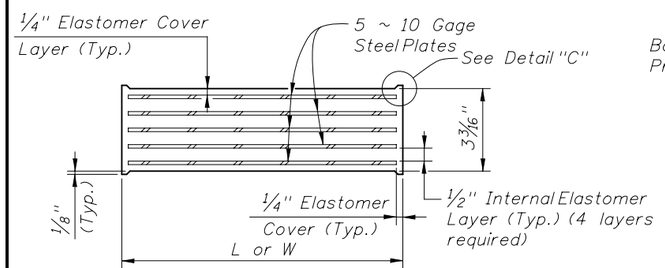

PLAN



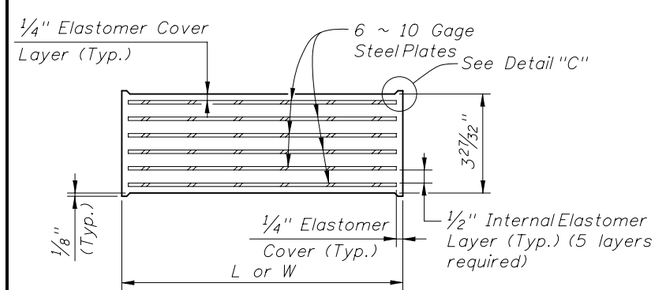

TYPICAL SECTION TYPE D & E PAD



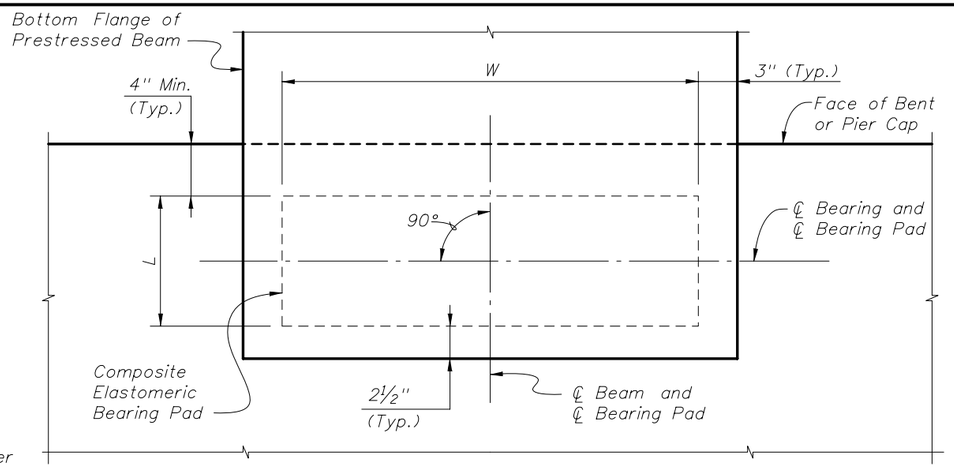

TYPICAL SECTION TYPE F & G PAD



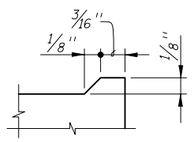

TYPICAL SECTION TYPE H PAD



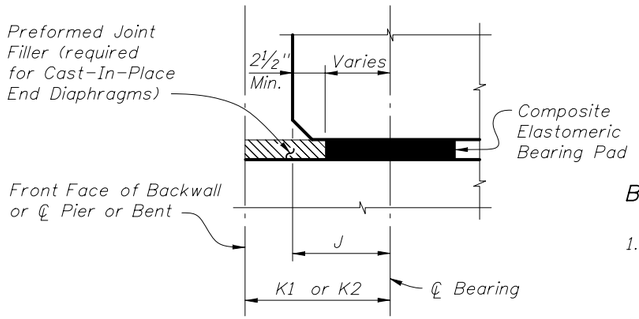

TYPICAL SECTION TYPE J & K PAD



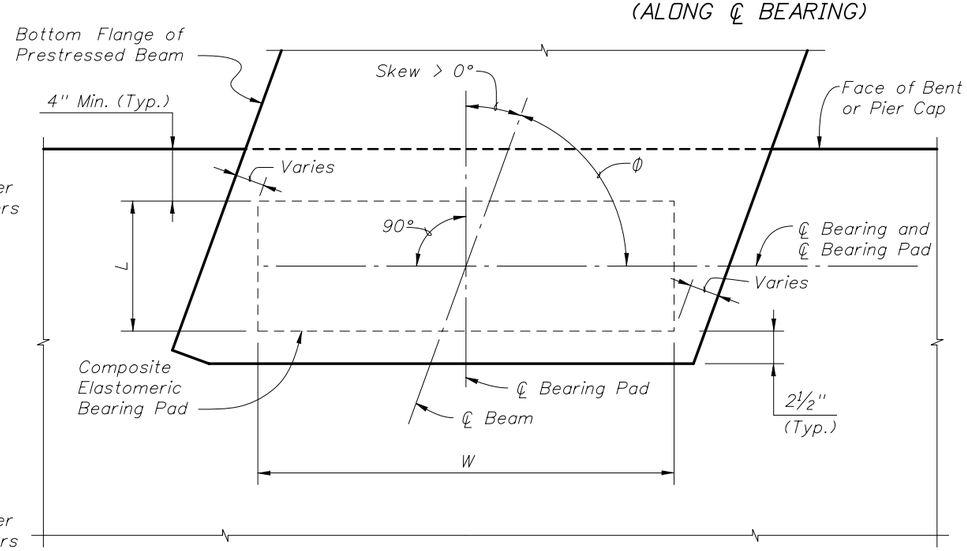

PARTIAL PLAN
(Skew = 0°)




DETAIL "C"




PARTIAL SIDE ELEVATION
(ALONG ℄ BEARING)




PARTIAL PLAN
(Skew > 0°)

| | BEARING PAD DIMENSIONS | | *BEARING PLATE DIMENSIONS | |
|---|---|---|---|---|
| PAD TYPE (See Note 1) | L | W | C | D |
| D (G=110psi) | 8" | 32" | 12" | 36" |
| E (G=110psi) | 10" | 32" | 12" | 36" |
| F (G=110psi) | 10" | 32" | 12" | 36" |
| G (G=150psi) | 10" | 32" | 12" | 36" |
| H (G=150psi) | 10" | 32" | 12" | 36" |
| J (G=150psi) | 10" | 32" | 12" | 36" |
| K (G=150psi) | 12" | 32" | 14" | 36" |

* Work this sheet with Index No. 20511 – Bearing Plate Details and BEARING PAD DATA TABLE in the Structures Plans. See TABLE OF BEAM VARIABLES and BEARING PLATE DATA TABLE in the Structures Plans for locations where beveled bearing plates are required.

## BEARING PAD NOTES:

1. Neoprene in Type D, E & F bearing pads shall have a shear modulus (G) of 110 psi. Neoprene in Type G, H, J & K bearing pads shall have a shear modulus (G) of 150 psi.
2. Steel Plates in bearing pads shall conform to ASTM A1011 Grade 36, Type 1.
3. Unless otherwise shown in the Structures Plans:
   (a) For beam grades less than 0.5%, finish the Beam Seat level.
   (b) For beam grades between 0.5% and 2%, finish the Beam Seat parallel to the bottom of the beam in both transverse and longitudinal directions.
   (c) For beam grades greater than 2% finish the Beam Seat level and provide Beveled Bearing Plates.
4. See Bearing Pad Data Table in Structures Plans for quantities of Type D, E, F, G, H, J and/or K Bearing Pads.

**INSTRUCTIONS TO DESIGNER:**
See the Structures Manual – Instructions For Design Standards, for bearing pad design loads and limitations.

**REVISIONS**

| DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION |
|---|---|---|---|---|---|
| 01/01/10 | SJN | New Design Standard. | | | |

2010 Interim Design Standard

# COMPOSITE ELASTOMERIC BEARING PADS - PRESTRESSED FLORIDA-I BEAMS

Interim Date 01/01/10

Sheet No. 1 of 1

Index No. 20510