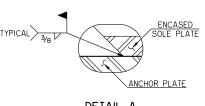
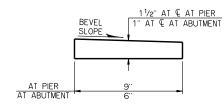


ABUTMENT BEARING DETAILS

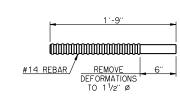


DETAIL A

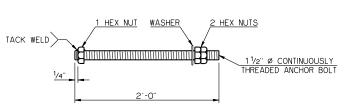


BEVELED ANCHOR PLATE DETAIL

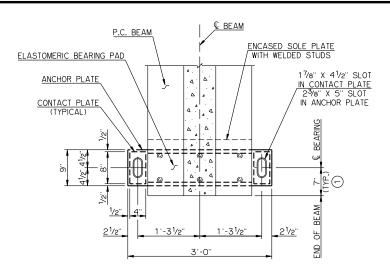
BEVELED ANCHOR PLATE IS REQUIRED WHEN ANGLE BETWEEN UNDERSIDE OF BEAM AND HORIZONTAL EXCEEDS 1.0%. BEVEL SLOPE TO MATCH ANGLE BETWEEN BEAM AND HORIZONTAL. PAINT THICKER EDGE RED.



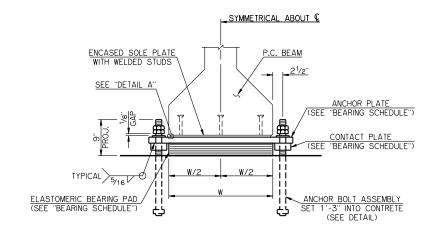
ANCHOR BAR DETAIL



ANCHOR BOLT ASSEMBLY DETAIL



ANCHOR BOLT ASSEMBLIES NOT SHOWN



END VIEW

BEARING SCHEDULE

¹/8" X 6¹/2" X 2'-2"

3¹/8" X 6¹/2" X 2'-2"

3¹/8" X 6³/4" X 2'-2"

3½" X 6¾" X 2'-2"

3¹/8" X 6³/4" X 2'-2"

3½8" X 7" X 2'-2"

3¹/8" X 7" X 2'-2"

3½° X 7° X 2'-2°

3½" X 7½" X 2'-2"

CONTACT

PLATE

3/4" X 4" X 8

1" X 4" X 8"

1" X 4" X 8"

1½" X 4" X 8"

1³/4" X 4" X 8"

1³/4" X 4" X 8"

ANCHOR

PLATE

1 ¹/2" X 9" X 3'-0"

1/2" X 9" X 3'-0"

1½" x 9" x 3'-0"

1½" X 9" X 3'-0"

1/2" X 9" X 3'-0"

1/2" X 9" X 3'-0"

1¹/₂" X 9" X 3'-0"

1/2" X 9" X 3'-0"

1¹/₂" X 9" X 3'-0"

SPAN

85'

90.

95.

100

105

60 DUROMETER ELASTOMERIC BEARING PAD

COVER

LΔYFR

2-1/4"

2-1/4"

2-1/4"

2-1/4"

2-1/4"

2-1/4"

INNER LAMINATE

6-¹/8"

6-1/8"

6-¹/8"

6-¹/8"

6-1/8"

6-1/8"

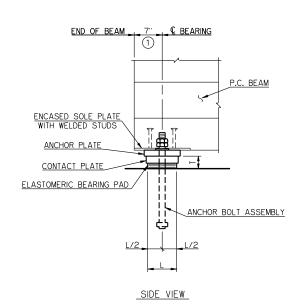
5-3/8"

5-³/8"

5-3/8"

5-3/8"

5-³/8"



PIER BEARING DETAILS

MAXIMUM EXPANSION

LENGTH WITHOUT BONDING

260'

260'

260

260

260

260

260

260

260

<u>NOTES</u>

STRUCTURAL STEEL FOR ANCHOR PLATES, CONTACT PLATES AND CONTINUOUSLY THREADED ANCHOR BOLTS SHALL CONFORM TO AASHTO M 270 (ASTM A 709), GRADE 50W, WEATHERING STEEL (CHARPY V-NOTCH TESTING NOT REQUIRED). HEX NUTS SHALL CONFORM TO AASHTO M 291 (ASTM A 563). WASHERS SHALL CONFORM TO AASHTO M 293 (ASTM F 436), TYPE 3. ANCHOR BARS SHALL BE FABRICATED FROM REINFORCING STEEL CONFORMING TO AASHTO M 31, GRADE 60. ANCHOR BOLT ASSEMBLIES AND ANCHOR BARS SHALL BE GALVANIZED, AND ALL OTHER STEEL PARTS COMPRISING THE BEARING ASSEMBLIES SHALL BE PAINTED WITH THE IZ-E-U PAINT SYSTEM.

ANCHOR BOLTS SHALL BE CENTERED IN SLOTS DURING SETTING OF BEAMS.
 DIMENSION MAY VARY AT EXPANSION BEARING DEPENDING ON TEMPERATURE AT THE TIME OF BEAM SETTING.

PROVED BY BRIDGE ENGINEER Kolert & durch DATE **9-9-2011**

OKLAHOMA DEPARTMENT OF TRANSPORTATION COUNTY BRIDGE STANDARD (ENGLISH)

BEARING DETAILS
TYPE IV AND TYPE BT-72 P.C. BEAMS

26' CLEAR ROADWAY - INTEGRAL - SKEWED O°