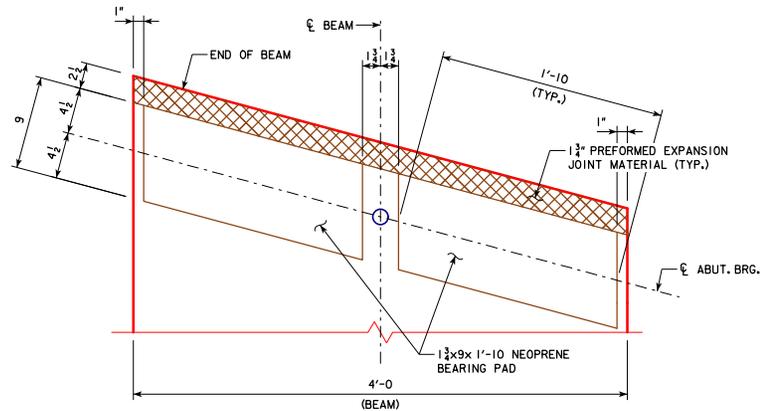
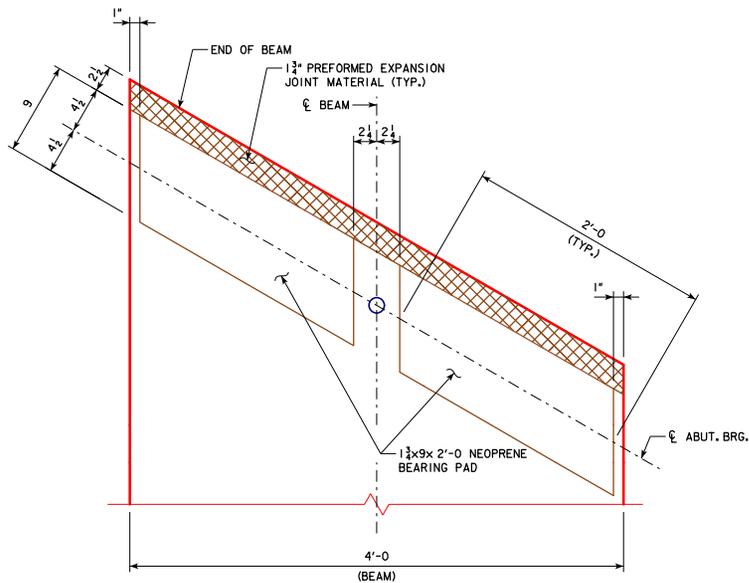


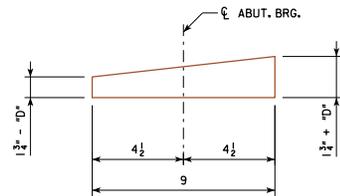
BEARING PAD PLAN - 0° SKEW
(24 BEARING PADS REQUIRED)



BEARING PAD PLAN - 15° SKEW
(24 BEARING PADS REQUIRED)



BEARING PAD PLAN - 30° SKEW
(24 BEARING PADS REQUIRED)



SECTION THROUGH BEARING PAD

$$\text{BEAM SLOPE} = 100\% \left[\frac{P/G \text{ ELEV. @ ABUT. NO. 2} - P/G \text{ ELEV. @ ABUT. NO. 1}}{\text{SPAN LENGTH}} \right]$$

SLOPE CALCULATION FORMULA

BEAM SLOPE %	"D" (INCHES)		
	0° SKEW	15° SKEW	30° SKEW
SLOPE ≤ 1.4	0	0	0
1.4 < SLOPE ≤ 2.0	1/8	1/8	1/8
2.0 < SLOPE ≤ 3.0	1/4	1/4	1/4
3.0 < SLOPE ≤ 4.0	3/8	3/8	3/8
4.0 < SLOPE ≤ 4.5	3/8	3/8	1/2
4.5 < SLOPE ≤ 5.0	1/2	1/2	1/2

BEARING NOTES:

MATERIAL FOR NEOPRENE PADS TO BE OF 70 DUROMETER NEOPRENE. THE NEOPRENE BEARING PADS SHALL BE TAPERED AS SHOWN IN THE "BEARING TAPER TABLE". IF NECESSARY, BEARING SEAT SURFACES SHALL BE ADJUSTED BY SHIMMING TO ASSURE FIRM AND EVEN BEARING OF THE BOX BEAMS. TWO 1/4" NEOPRENE ADJUSTING SHIMS WITH THE DIMENSIONS OF THE BEARING PAD SHALL BE PROVIDED FOR ADJUSTING EACH BEARING. COST OF NEOPRENE PADS AND SHIMS SHALL BE INCLUDED IN THE PRICE BID FOR THE BEAMS.

LATEST REVISION DATE	 APPROVED BY BRIDGE ENGINEER	 STANDARD DESIGN - 24'-0 ROADWAY, SINGLE SPAN CONCRETE BOX BEAM BRIDGES
		DECEMBER, 2016
		BEARING DETAILS
		B24-63-16