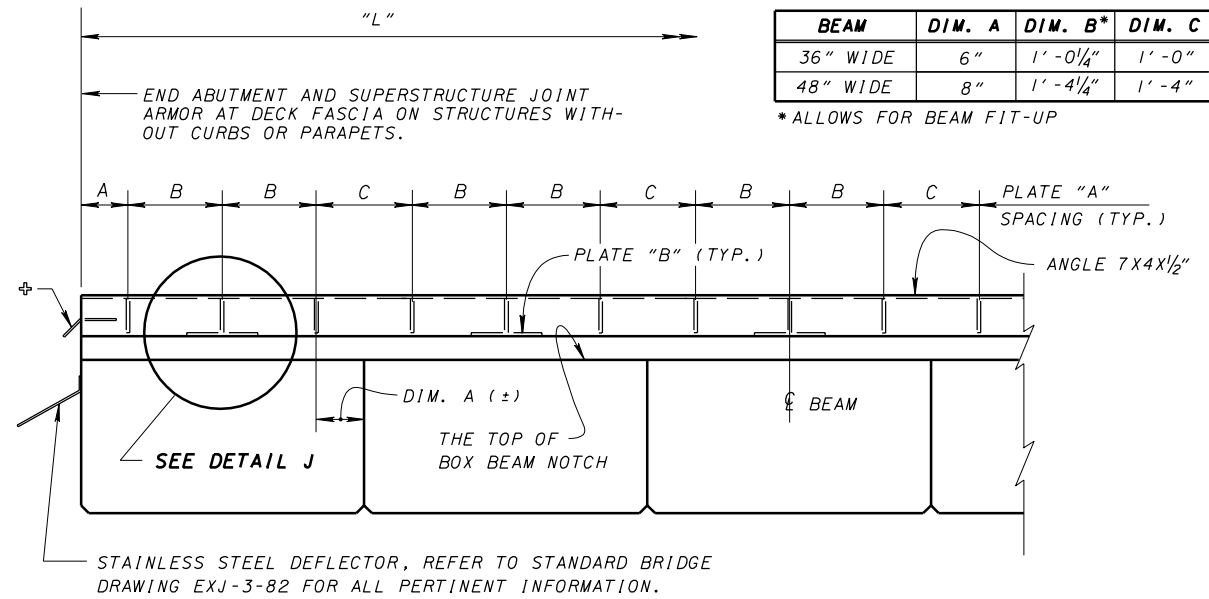


PART PLAN AT ABUTMENT

FOR SQUARE OR LOW SKEWED (15° OR LESS) BRIDGES WITH DEFLECTOR PARAPET RAILING (BR-1 RAILING IS SHOWN, SBR-1-99 SHALL BE SIMILAR)

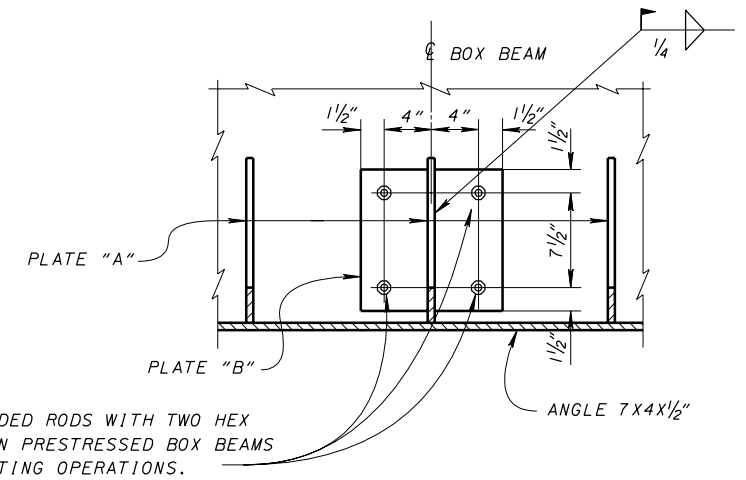


NOTE: WHERE THE TOTAL WIDTH OUT TO OUT OF BOX BEAMS IS EQUAL TO THE BRIDGE ROADWAY WIDTH, JOINT ARMOR SHALL BE OF SUFFICIENT LENGTH TO ALLOW FOR FIT-UP OF BEAMS. SEE FORMULA FOR LENGTH "L".

$L = \text{LENGTH OF JOINT, EDGE TO EDGE OF DECK (FEET)}$
 $= [(N-1)(1/2) + N(W)] / (12 \cos \theta)$
 N = NUMBER OF BEAMS
 W = NOMINAL WIDTH OF BEAMS (INCHES)
 θ = SKEW ANGLE OF JOINT

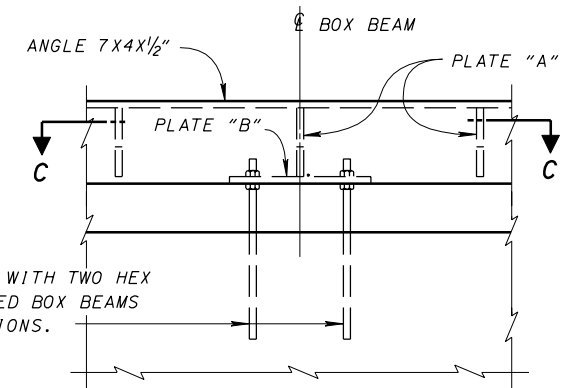
END OF SUPERSTRUCTURE WITHOUT CURBS OR PARAPETS

⊕ - STEEL DRIP STRIP. SEE STANDARD BRIDGE DRAWING. (NOT INCLUDED WITH EXPANSION JOINT FOR PAYMENT.)



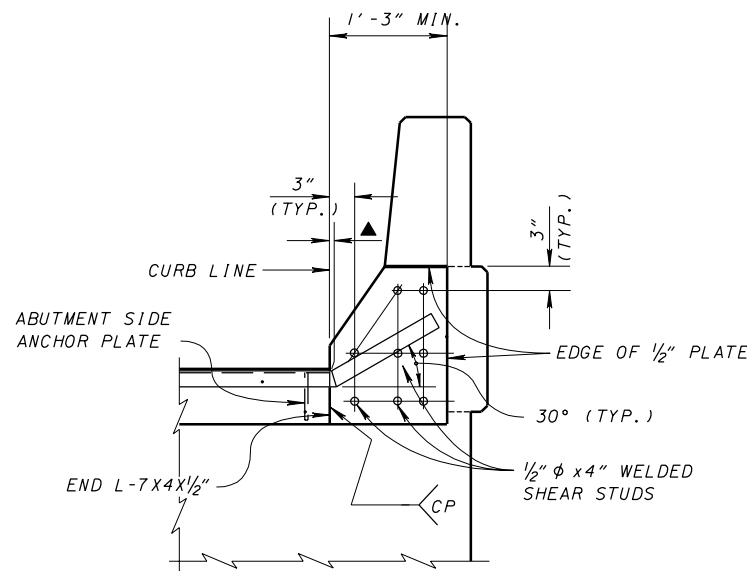
SECTION C-C

5/8" φ THREADED RODS WITH TWO HEX NUTS SET IN PRESTRESSED BOX BEAMS DURING CASTING OPERATIONS.

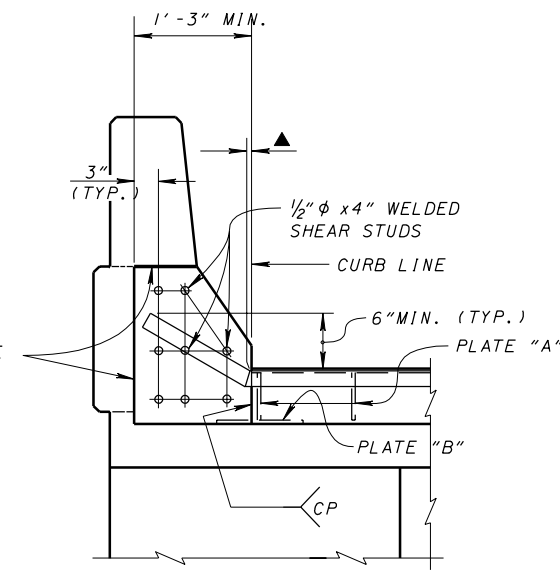


DETAIL J

2 - 5/8" φ THREADED RODS WITH TWO HEX NUTS SET IN PRESTRESSED BOX BEAMS DURING CASTING OPERATIONS.

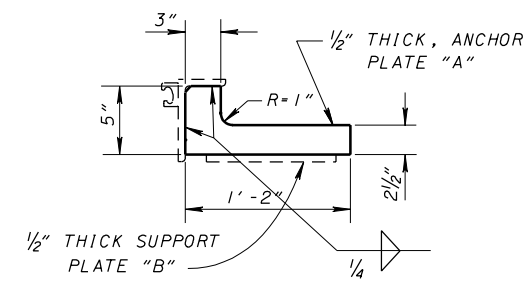


SECTION A-A

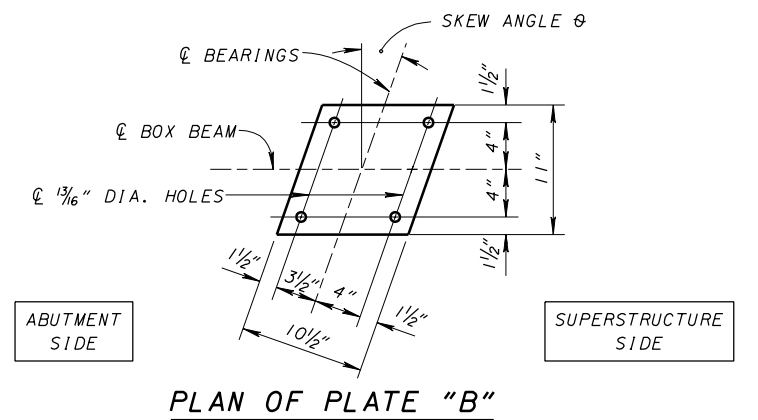


SECTION B-B

▲ - 0" MIN. TO 1/2" MAX. AT BREAKPOINT IN RETAINER FOR SQUARE BRIDGES. ON SKEWED BRIDGES THIS DIMENSION WILL ONLY APPLY TO THE SIDE OF JOINT ASSEMBLY WHICH IS NEAREST TO THE CURB LINE. (SEE SHEET 2 / 5).



DETAIL OF PLATE "A"



PLAN OF PLATE "B"

FOR SECTION X-X SEE SHEET 2 / 5