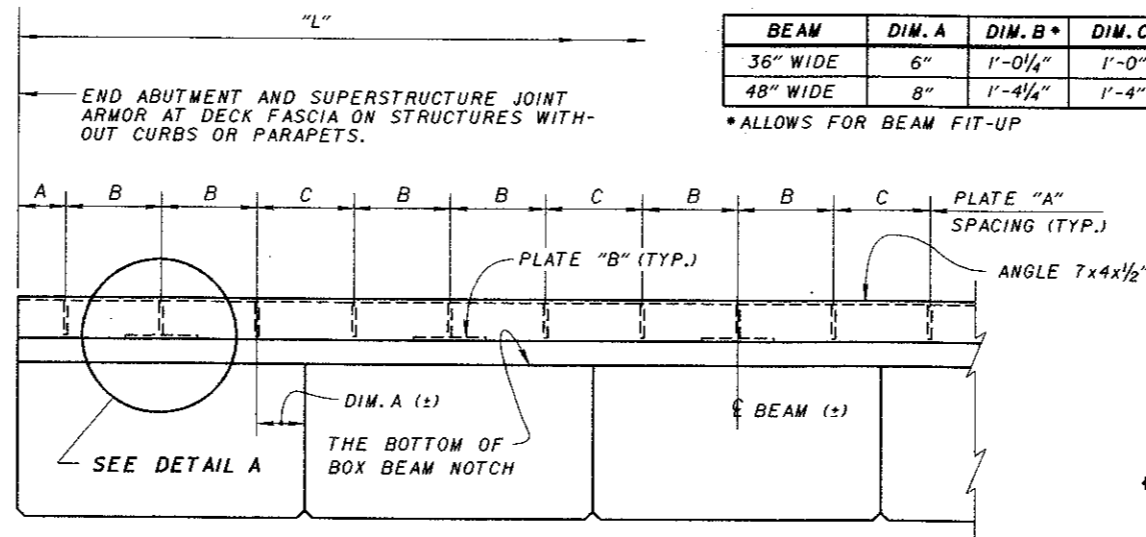


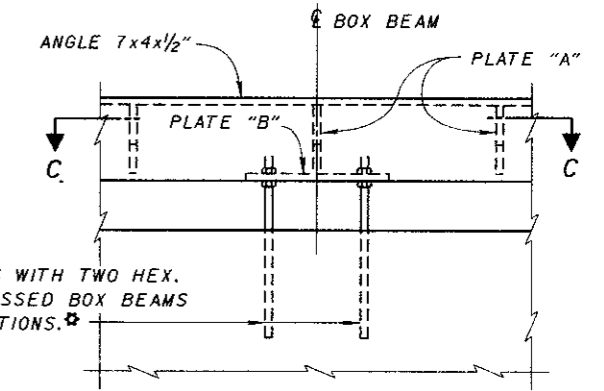
PART PLAN AT ABUTMENT
FOR SQUARE OR LOW SKEWED (15° OR LESS)
BRIDGES WITH DEFLECTOR PARAPET RAILING



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".

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

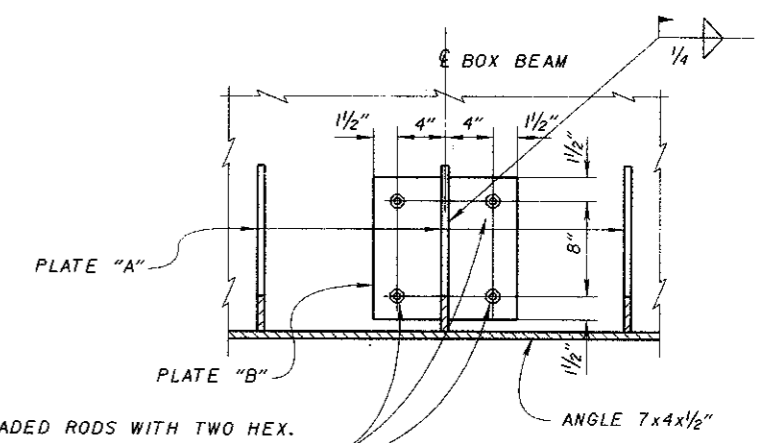
END OF SUPERSTRUCTURE
WITHOUT CURBS OR PARAPETS



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

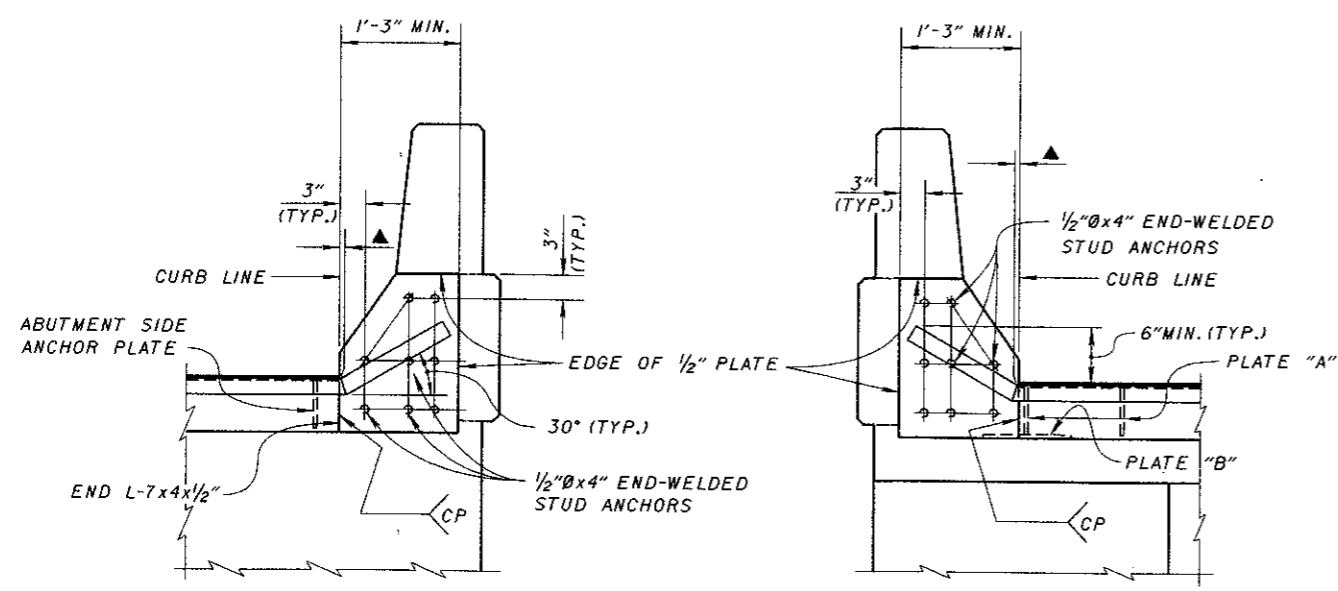
✱ - COIL INSERTS MAY BE USED, AS APPROVED BY THE DIRECTOR, INSTEAD OF DIRECTLY EMBEDDING THE THREADED RODS INTO THE PRESTRESSED BOX BEAMS. IN EITHER CASE, THE RODS AND NUTS SHALL BE A36 OR A307 STEEL, GALVANIZED AS PER T11.02.

DETAIL A



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

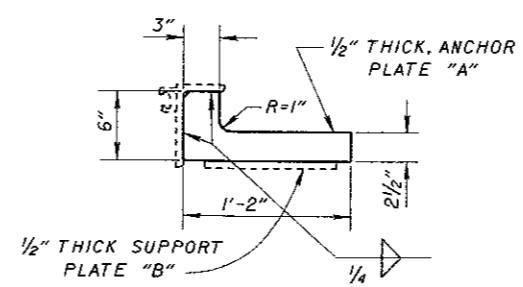
SECTION C-C



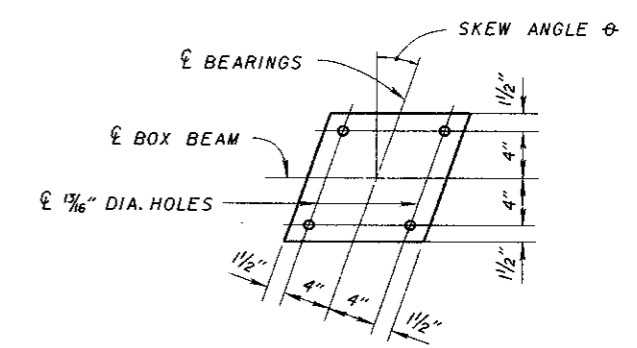
SECTION A-A

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 NEAREST CURB LINE (SEE SHEET 2/5).



DETAIL OF PLATE "A"



PLAN OF PLATE "B"

FOR SECTION X-X SEE SHEET 2/5