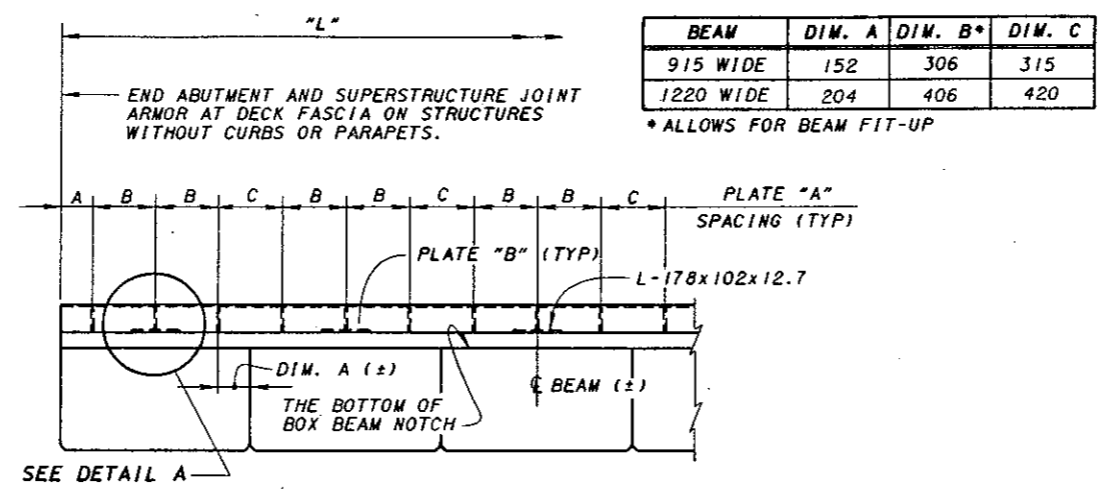
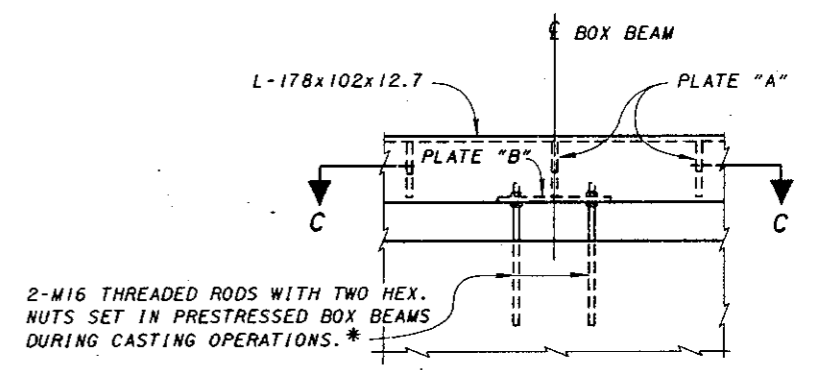


PART PLAN AT ABUTMENT
 FOR SQUARE OR LOW SKEWED (15° OR LESS)
 BRIDGES WITH DEFLECTOR PARAPET RAILING



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".

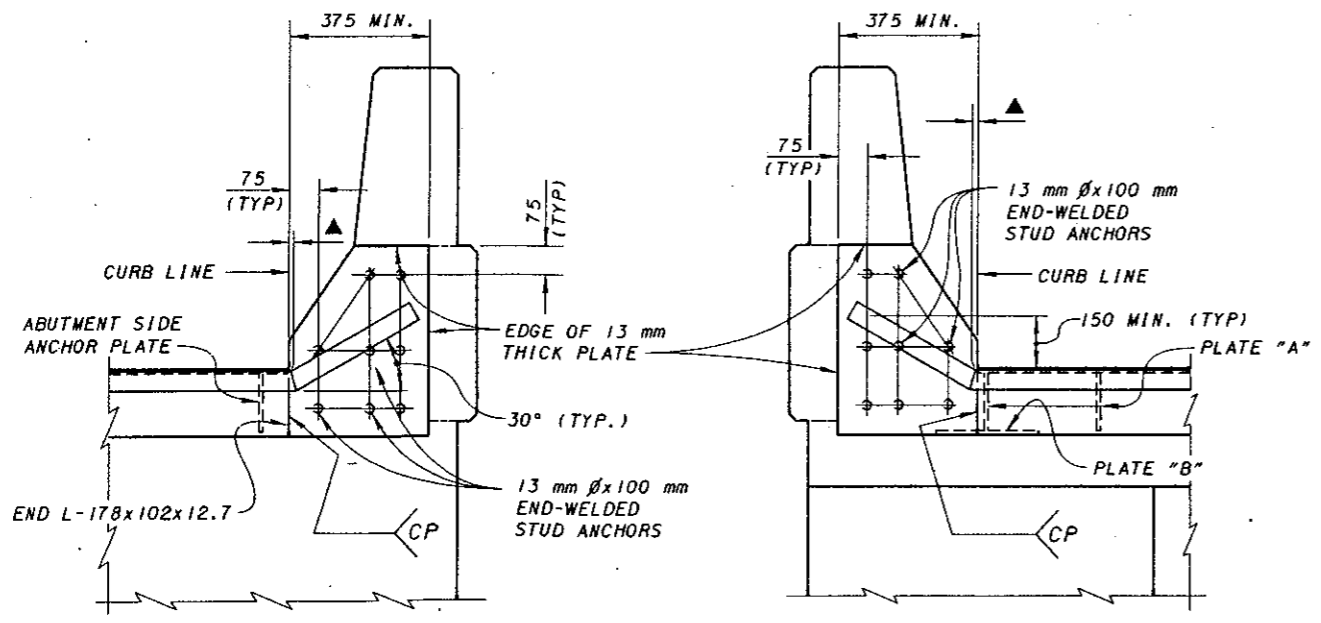
$$L = \frac{(N-1)(12) \cdot N(W)}{\cos \theta}$$
 N=NUMBER OF BEAMS
 W=NOMINAL WIDTH OF BEAMS (mm)
 θ=SKEW ANGLE OF JOINT
 L=LENGTH OF JOINT ARMOR, EDGE TO EDGE OF DECK (mm)



DETAIL A

* - 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 A36M OR A307M STEEL, GALVANIZED AS PER 711.02.

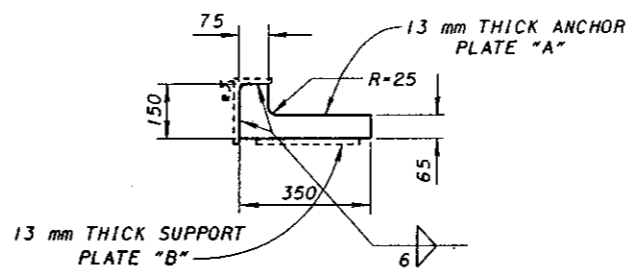
END OF SUPERSTRUCTURE WITHOUT CURBS OR PARAPETS



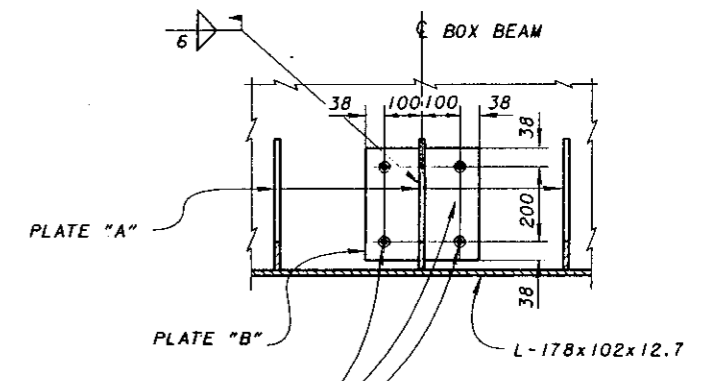
SECTION A-A

SECTION B-B

▲ - 0 MIN. TO 13 mm 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).

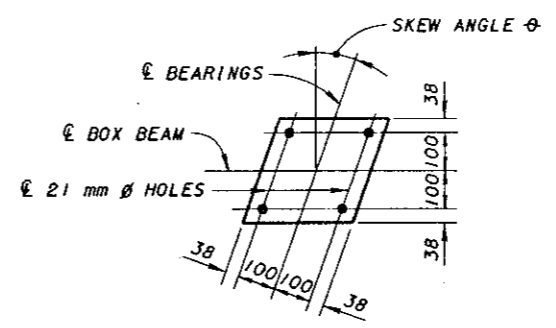


DETAIL OF PLATE "A"



SECTION C-C

2-M16 THREADED RODS WITH TWO HEX. NUTS SET IN PRESTRESSED BOX BEAMS DURING CASTING OPERATIONS.*



PLAN OF PLATE "B"

NOTES:
 FOR SECTION X-X SEE SHEET 2/5.