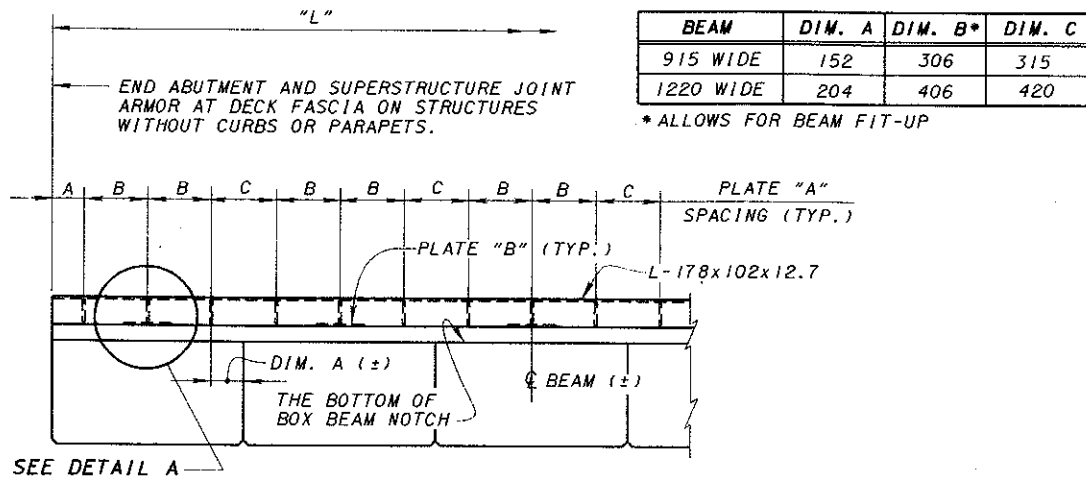


PLAN AT ABUTMENT
 FOR LOW SKEWED (15° OR LESS)
 DEFLECTOR PARAPET RAILING



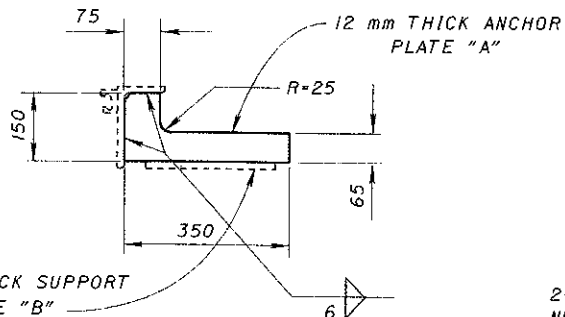
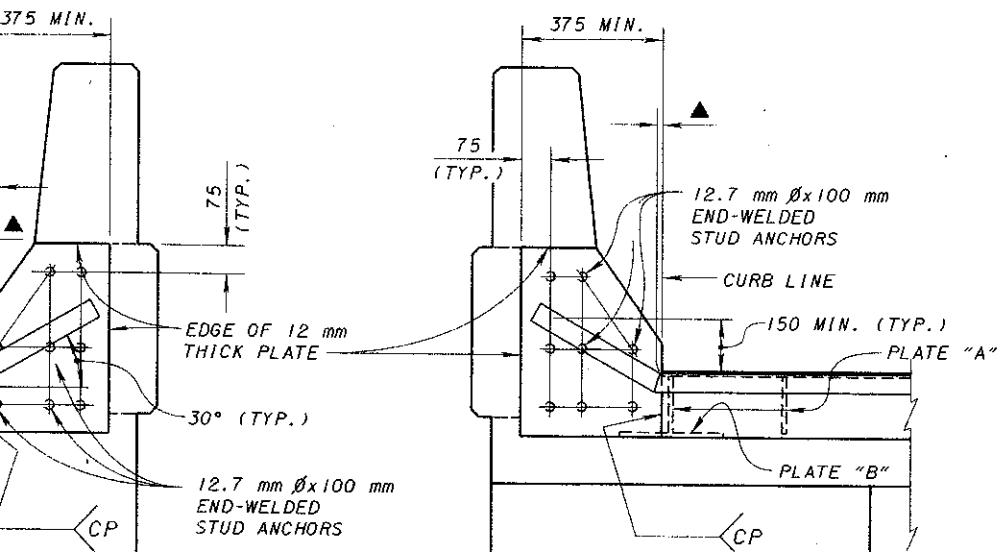
SEE DETAIL A

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".

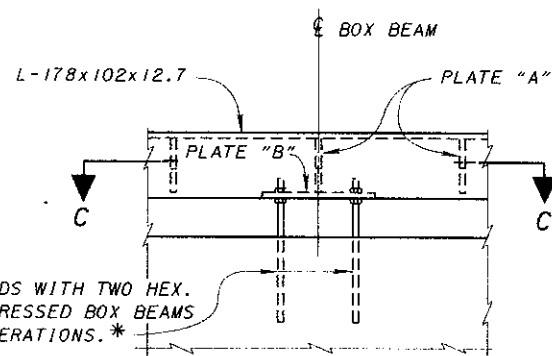
$$L = [(N-1)(12) + N(W)] / (\cos \theta)$$

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)

END OF SUPERSTRUCTURE
 WITHOUT CURBS OR PARAPETS



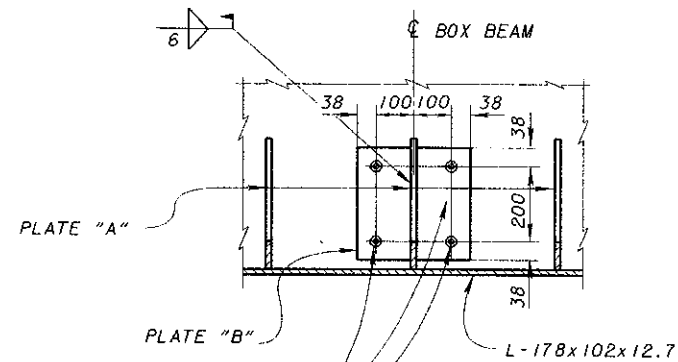
DETAIL OF PLATE "A"



DETAIL A

2-M16 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 A36M OR A307M STEEL, GALVANIZED AS PER 711.02.



SECTION C-C

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

