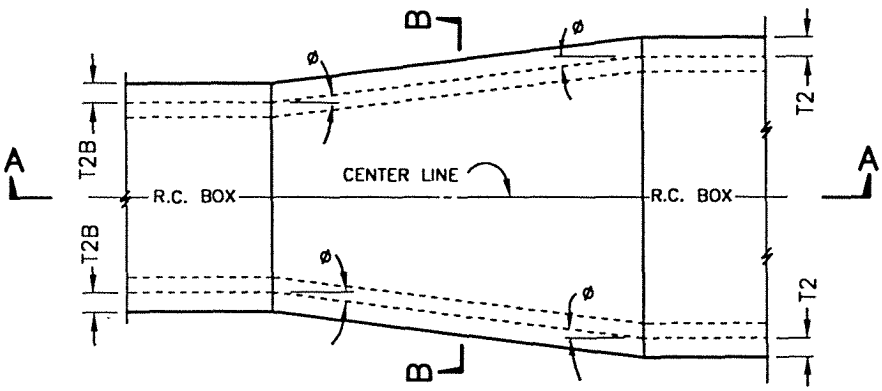
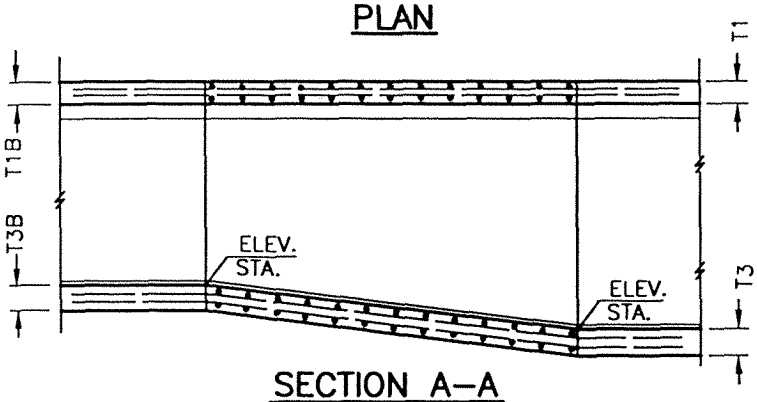
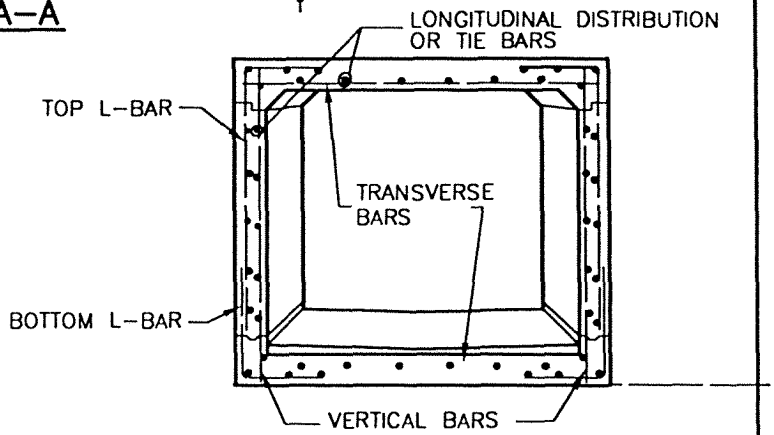


PLAN



SECTION A–A



SECTION B–B

NOTES:

1. THE HORIZONTAL ANGLE OF DIVERGENCE OR CONVERGENCE, ø, SHALL NOT EXCEED 5 DEGREES 45 MINUTES.
2. THE REINFORCING STEEL BAR SIZE, SPACING, AND COVER OVER THE STEEL OF STRAIGHT TRANSVERSE BARS IN TOP OR BOTTOM SLABS, OF L–BARS IN TOP OR BOTTOM CORNERS, OF STRAIGHT VERTICAL BARS IN SIDE WALLS AND OF LONGITUDIAL DISTRIBUTION AND TIE BARS IN TOP OR BOTTOM SLABS OR SIDE WALLS SHALL BE THOSE OF WHICHEVER ADJOINING BOX SECTION PROVIDES THE GREATER STEEL AREA FOR EACH TYPE OF BAR. THE BAR LENGTHS SHALL VARY UNIFORMLY THROUGHOUT THE TRANSTION.
3. THE THICKNESS OF THE WALLS AND SLABS SHALL BE THOSE OF THE ADJOINING BOX SECTION AT EACH END OF THE TRANSITION AND SHALL VARY UNIFORMLY BETWEEN THE TWO ENDS.
4. f'c=4000 PSI AT 28 DAYS.
5. THE TRANSITION STRUCTURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GENERAL STRUCTURE NOTES APPLYING TO BOX STRUCTURES, SHOWN ON THE PROJECT DRAWINGS.
6. DETAILS OF CONSTRUCTION JOINTS AND KEYWAYS SHALL BE AS SHOWN ON THE PROJECT DRAWINGS FOR SINGLE BARREL BOX STRUCTURES.
7. ALL STEEL, EXCEPT LONGITUDINAL STEEL SHALL BE GRADE 60 BILLET STEEL CONFORMING TO ASTM A 615 AND SHALL TERMINATE 1½" CLEAR OF CONCRETE SURFACE UNLESS OTHERWISE SHOWN.

REV. | APPR. BY | DATE

REV. | APPR. BY | DATE

CITY OF Oxnard
Department of Public Works

TRANSITION STRUCTURE No. 2
SINGLE BOX TO SINGLE BOX

DRAWN: STAFF | CKD.: STAFF

APPR. Granville M. Bowman

STANDARD PLAN 2002

PLATE 532

SHEET 1 OF 1