



**NOTES**

1. THE HORIZONTAL ANGLE OF DIVERGENCE OR CONVERGENCE,  $\theta$ , SHALL NOT EXCEED  $5^{\circ} 45'$ .
2. DETAILS OF CONSTRUCTION JOINTS SHALL BE AS SHOWN ON THE PROJECT DRAWINGS FOR SINGLE BARREL BOX STRUCTURE.
3. THE REINFORCING STEEL BAR SIZES, 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 LONGITUDINAL 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 TRANSITION.
4. THE THICKNESS OF THE WALL AND SLABS SHALL BE THOSE OF THE ADJOINING BOX SECTION AT EACH END OF THE TRANSITION AND SHALL VARY UNIFORMLY BETWEEN THE TWO ENDS.
5. STRUCTURAL CONCRETE SHALL BE CLASS "A".
6. THE TRANSITION STRUCTURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GENERAL STRUCTURAL NOTES APPLYING TO BOX STRUCTURES, AS SHOWN ON THE PROJECT DRAWINGS.

<b>RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT</b>		<b>TRANSITION STRUCTURE NO. 2</b>
RECOMMENDED FOR APPROVAL BY: CHIEF, DESIGN & CONSTRUCTION	APPROVED BY: CHIEF ENGINEER	
DATE: <u>JANUARY 2011</u>	DATE: <u>JANUARY 2011</u>	

R.E. No. 44684      R.C.E. No. 32336      STANDARD DRAWING NUMBER TS302