



TABLE

*D ₂ , D ₁ , OR B	F OR T	A OR B BARS	D OR F BARS	P
12	4	#5 @ 3" O.C.	#4 @ 6" O.C.	5"
18	4 1/2			
24	5 1/4			
30	6			
36	6 1/2	#6 @ 3" O.C.	#5 @ 6" O.C.	
42	7 1/2			
48	8			
54	9			
60	9 1/2			
66	10 1/4			
72	11	#7 @ 3" O.C.	#6 @ 6" O.C.	
84	12 1/2			
90	13 1/4			
96	14			
102	15 1/2			
108	16			
114	16 1/2	#6 @ 6" O.C.	6"	
120	17			
126	17			
132	17 1/2			
138	17 1/2			
144	18			

* USE D₂, OR D₁, WHICHEVER IS GREATER, OR B

NOTES

1. NUMBER OF A&B BARS SHOWN IS REPRESENTATIONAL. SEE TABLE FOR SPACING & BAR COUNT.
2. VALUES FOR A, B, C, D₁, D₂, ELEV. R AND ELEV. S ARE SHOWN ON IMPROVEMENT PLAN. LENGTH OF THE STRUCTURE MAY BE INCREASED TO MEET PIPE ENDS USING D BARS IN EXTENDED PORTION OF SAME DIMENSION AND SPACING AS SPECIFIED.
3. CONCRETE SHALL BE CLASS "A". FLOOR OF THE STRUCTURE SHALL BE STEEL-TROWELED TO SPRING LINE. STRUCTURE SHALL BE POURED IN ONE CONTINUOUS OPERATION, EXCEPT THAT THE CONTRACTOR SHALL HAVE THE OPTION OF PLACING AT THE SPRING LINE A CONSTRUCTION JOINT WITH A LONGITUDINAL KEYWAY.
4. REINFORCING STEEL CLEAR COVER SHALL BE 1/2" ON INSIDE. TIE BARS SHALL BE NO.4 AND SPACED 12" C/C.
5. WHEN DIMENSION "C" IS NOT SPECIFIED THE SPUR SHALL NOT BE CONSTRUCTED AND A & B BARS SHALL BE OMITTED.
6. THE MAXIMUM COVER ABOVE THIS STRUCTURE SHALL BE 25'. IF THE COVER EXCEEDS 25', A SPECIAL STRUCTURE SHALL BE DESIGNED FOR THE COVER AND DETAILED ON THE PROJECT DRAWINGS.

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT		TRANSITION STRUCTURE NO. 3
RECOMMENDED FOR APPROVAL BY: <i>[Signature]</i> CHIEF, DESIGN & CONSTRUCTION DATE: JANUARY 2011	APPROVED BY: <i>[Signature]</i> CHIEF ENGINEER DATE: JANUARY 2011	
R.E. No. 44684	R.C.E. No. 32336	STANDARD DRAWING NUMBER TS303