

WINGS AND CURB REINFORCEMENT

(A) * 6 Bars X to be $\frac{3}{4}$ " ϕ Smooth and Greased for 1'-0" of Length.

DIMENSIONS																				QUANTITIES				OPENINGS						
OPENINGS		MAX. FILL		BARREL							WINGS AND CURBS											PER LINEAR FOOT OF BARREL		44'-0" CULVERT		OPENINGS				
CLEAR SPAN	CLEAR HEIGHT	AREA	SLAB	WALL	N	T ₁	T ₂	X	Y	Z	B	E	F	J	G	H	D	L	L ₁	P	P ₁	M	STEEL	CONC.	STEEL	CONC.	CLEAR SPAN	CLEAR HEIGHT		
FT.	FT.	SQ. FT.	FT.	FT.	IN.	IN.	IN.	IN.	IN.	IN.	FT.-IN.	FT.-IN.	FT.-IN.	FT.-IN.	FT.-IN.	FT.-IN.	IN.	FT.-IN.	FT.-IN.	FT.-IN.	FT.-IN.	FT.-IN.	FT.-IN.	LBS.	CU. YDS.	LBS.	CU. YDS.	FEET	FEET	
12	8																													0
	9																													9
	10																													10
	11																													11
	12	144	6	6	12	13	13	2	1 1/2	1 3/8	1-0	3-0	1-3	3-4	7-4	14-1	1 1/2	27-3 1/2	27-10 1/2	26-3	26-10	47-6 1/2	240.56	2.0216	19,874	109.42			12	

END ELEVATION

7 1/2"

3 3/4"

6 1/2"

* 4 BARS N
(3" Diam. Pin)

3'-5 1/2"

R = 3 1/2" = 7 Bars

3'-5 1/2" = 7 Bars

BARS E

Opening

* 4 Bars C * Approx. 12' Ctrs.

Bars A

Bars D₁

Bars D

Bars B

Costr. Jdg

Opening

2'-2" Lap 12" Dia. #6 Bar

3"

6"

* 4 Bars C * Approx. 12' Ctrs.

SECTION THRU BARREL

STANDARD PLAN
REINF. CONCRETE BOX CULVERT
STRAIGHT WINGWALLS 75' CROSSING.
2:1 SPILL SLOPE NORMAL TO CHANNEL
12' CLEAR SPAN 8 TO 12' CLEAR HGT.
DATED JAN. 1962

STATE OF LOUISIANA			
DEPARTMENT OF HIGHWAYS			
DESIGNED <i>J. G. Nantz</i>	DETAILED <i>My. B. ...</i>	TRACED <i>R. Nantz</i>	
CHECKED <i>W. G. Nantz</i>	CHECKED <i>J. G. Nantz</i>	CHECKED <i>W. G. Nantz</i>	
IN CHARGE OF		BRIDGE DESIGN SECTION	

CC·S·S·12·RS·75°·2

APPROVED BY: Demetrius D. Smith 1-11-78
CHIEF ENGINEER DATE