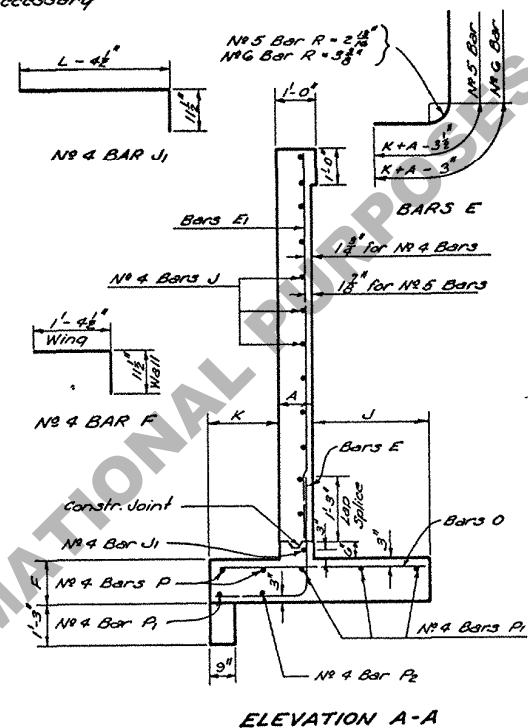
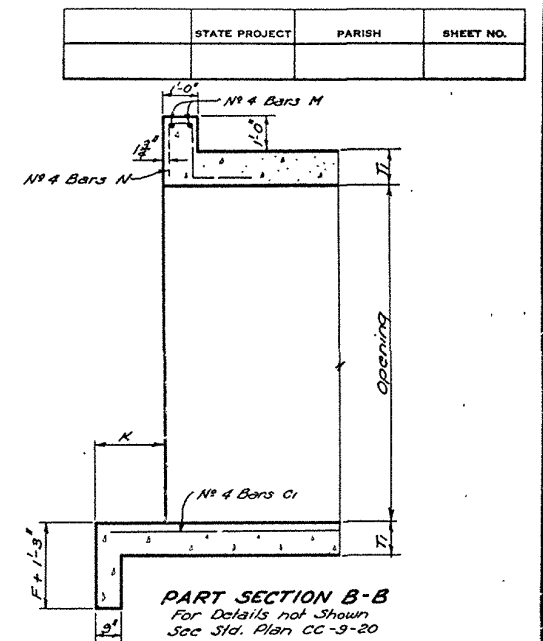




DIMENSIONS															QUANTITIES				OPENINGS		
OPENINGS		X		BARREL		WINGS AND CURB										PER LIN. FT. OF BARREL		FOR 44'0" CULVERT		OPENINGS	
SIZE	Nº	Area	Max. Fill	T ₁	T ₂	A	K	J	G	L	H	F	M	P	STEEL	CONCRETE	STEEL	CONCRETE	Nº	SIZE	
Feet		Sq. Ft.	Feet	In.	In.	In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Lbs.	Cu. Yds.	Lbs.	Cu. Yds.		Feet	
7x7	2																		2	7x7	
	3																		3		
	4																		4		
	5																		5		
	6																		6		
8x8	2																		2	8x8	
	3																		3		
	4																		4		
	5																		5		
	6																		6		
9x9	2																		2	9x9	
	3																		3		
	4																		4		
	5																		5		
10x10	2	200	15	11½	10	12	2-0	3-6	6-6	17-6	11-11½	1-3	55-0	16-8	340.81	2.5416	198.90	174.45	2	10x10	
	3	300	15	11½	10	12	2-0	3-6	6-6	17-6	11-11½	1-3	66-8	16-8	503.56	3.6265	275.16	227.71	3		
	4	400	15	11½	10	12	2-0	3-6	6-6	17-6	11-11½	1-3	77-6	16-8	688.63	4.7154	361.59	280.98	4		
	5	400	15	11½	10	12	2-0	3-6	6-6	17-6	11-11½	1-3	88-4	16-8	855.36	5.8023	439.67	334.25	5		

GENERAL NOTES:
CONSTRUCTION SPECIFICATIONS: Latest approved Ed.
Dept. of Highways Standard Specifications.
DESIGN SPECIFICATIONS: For Slabs and Culverts, Walls,
See Std. Plan C-9-20. For Wing Walls and Footings,
A.A.S.H.O. 1949 as amended to June 1950.
Reinforcement shall be Structural Intermediate, or
Heavy Toprod, U.S.A. #15 or Rail Steel, A.S.T.M. A16.
Concrete to be Class "A".
All exposed corners to be chamfered $\frac{3}{8}$ ".
For details relative to Weap-Holes, Scouring, Bending,
Diagrams for Bars A, B and N, and any other
information not shown See Std. Plan C-9-20
NE 4 Bars to be spaced 10" where necessary.

[illegible]

* Lengths Given Include Splices.

STANDARD PLAN
REINFORCED CONCRETE BOX CULVERTS
 MULTIPLE OPENINGS — STRAIGHT HEADWALLS
 7'x7' 8'x8' 9'x9' 10'x10'
 WINGS FOR 1:1 SPILL SLOPE

DATED *Sept.* *1957*

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED G.A.H.	DETAILED G.A.H.	TRACED E.Hambley
CHECKED W.O.W.R.	CHECKED W.E.M.	CHECKED D.P. Vincent
BRIDGE DESIGN SECTION		

CC-16-20 REV