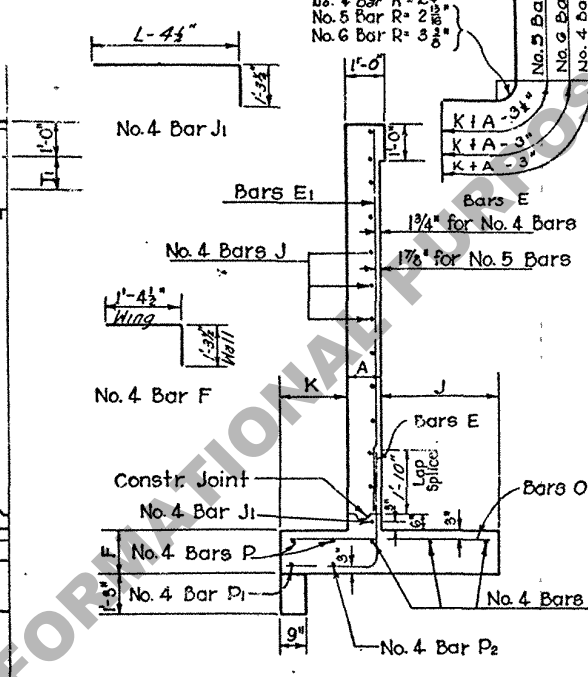
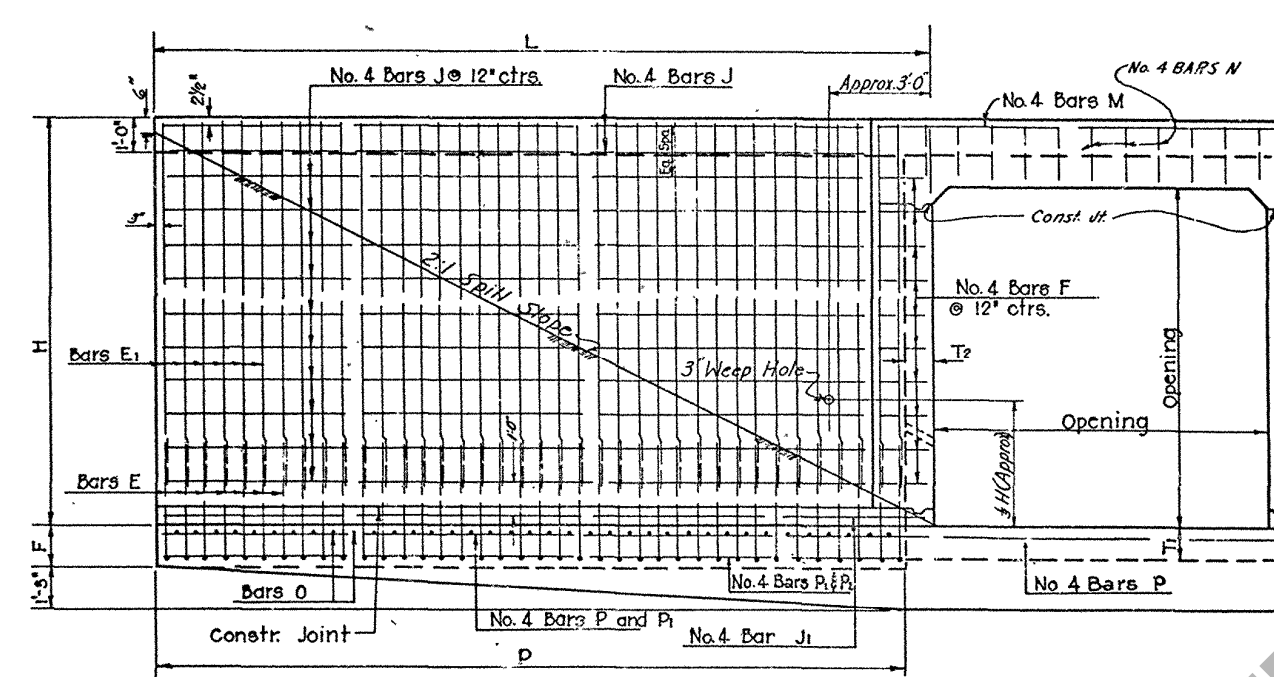
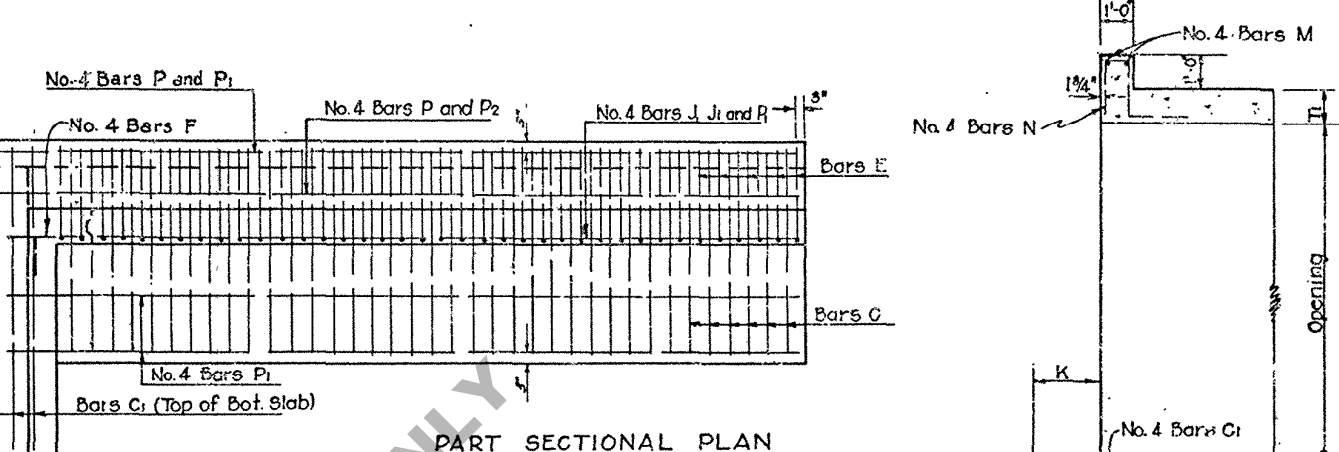
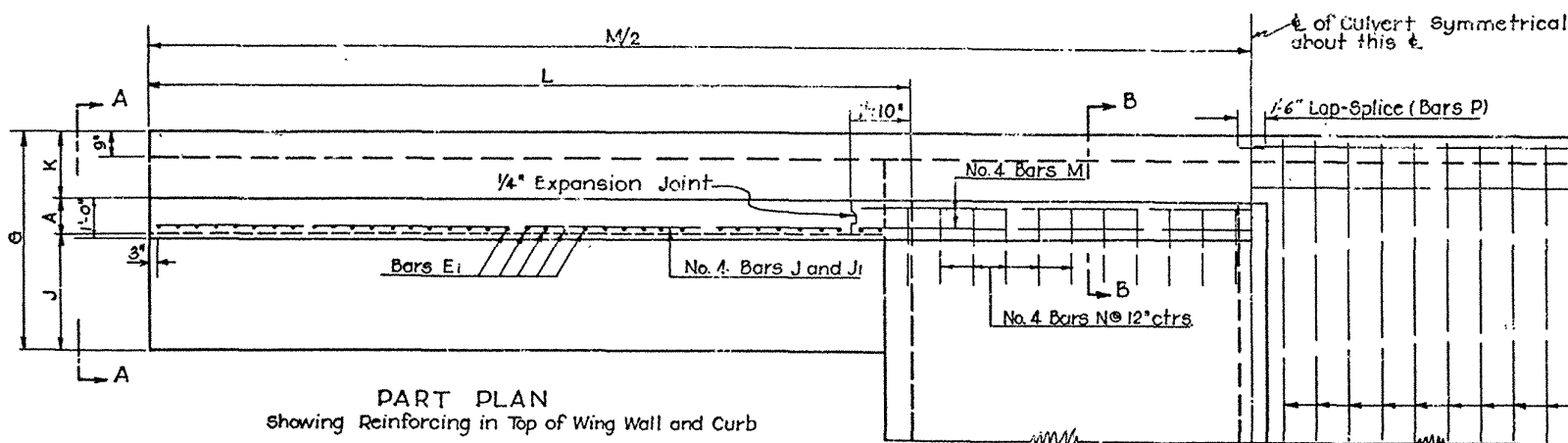




DIMENSIONS																			QUANTITIES						OPENINGS	
OPENINGS			X	BARREL		WINGS AND CURB														PER LIN. FT. OF BARREL		FOR 44'-0" CULVERT		OPENINGS		
Size	No.	Area	Max. Ht.	T ₁	T ₂	A	K	J	G	L	H	F	M	P	STEEL	CONCRETE	STEEL	CONCRETE	No.	Size						
Feet		Sq. Ft.	Feet	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	LBS.	CU. YDS.	LBS.	CU. YDS.		Feet						
7 x 7	2	98	11	9	7	10	1-10	1-7	4-3	16-8	8-3	1-0	67-11	15-1	186.46	1.3472	10533	95.07	2	7 x 7						
	3	147	11	9	7	10	1-10	1-7	4-3	16-8	8-3	1-0	55-6	16-1	274.58	1.9289	14708	123.80	3							
	4	196	11	9	7	10	1-10	1-7	4-3	16-8	8-3	1-0	63-1	16-1	362.47	2.5108	18850	152.53	4							
	5	245	11	9	7	10	1-10	1-7	4-3	16-8	8-3	1-0	70-8	16-1	458.45	3.0925	23425	181.26	5							
	6	294	11	9	7	10	1-10	1-7	4-3	16-8	8-3	1-0	78-3	16-1	554.19	3.6743	27955	209.99	6							
8 x 8	2	128	9	9 1/2	8	10	1-6	3-2	5-6	18-7	9-9 1/2	1-0	53-10	17-11	220.55	1.6667	13200	118.99	2	8 x 8						
	3	192	9	9 1/2	8	10	1-6	3-2	5-6	18-7	9-9 1/2	1-0	62-6	17-11	325.41	2.3818	18119	153.99	3							
	4	256	9	9 1/2	8	10	1-6	3-2	5-6	18-7	9-9 1/2	1-0	71-2	17-11	430.02	3.0969	23019	188.99	4							
	5	320	9	9 1/2	8	10	1-6	3-2	5-6	18-7	9-9 1/2	1-0	79-10	17-11	551.89	3.8119	28719	223.99	5							
	6	384	9	9 1/2	8	10	1-6	3-2	5-6	18-7	9-9 1/2	1-0	88-6	17-11	656.50	4.5270	33626	258.99	6							
9 x 9	2	162	8	10 1/2	9	10	2-4	2-6	5-8	20-6	10-10 1/2	1-0	57-9	19-9	267.17	2.0810	15690	146.79	2	9 x 9						
	3	243	8	10 1/2	9	10	2-4	2-6	5-8	20-6	10-10 1/2	1-0	69-6	19-9	394.01	2.9722	21643	190.73	3							
	4	324	8	10 1/2	9	10	2-4	2-6	5-8	20-6	10-10 1/2	1-0	79-3	19-9	539.15	3.8634	28438	234.66	4							
	5	405	8	10 1/2	9	10	2-4	2-6	5-8	20-6	10-10 1/2	1-0	89-0	19-9	665.99	4.7546	34384	278.60	5							
	6	486	8	10 1/2	9	10	2-4	2-6	5-8	20-6	10-10 1/2	1-0	99-4	19-9	817.44	5.8858	42839	338.99	6							
10 x 10	2	200	9	11 1/2	10	12	2-0	3-6	6-6	23-0	11-11 1/2	1-3	66	10	22-2	340.81	2.5416	2143	191.20	2	10 x 10					
	3	300	9	11 1/2	10	12	2-0	3-6	6-6	23-0	11-11 1/2	1-3	77-8	22-2	503.56	3.6285	28767	244.46	3							
	4	400	9	11 1/2	10	12	2-0	3-6	6-6	23-0	11-11 1/2	1-3	88-6	22-2	688.63	4.7154	37418	297.73	4							
	5	500	9	11 1/2	10	12	2-0	3-6	6-6	23-0	11-11 1/2	1-3	99-4	22-2	855.36	5.8023	45223	350.99	5							
	6	600	9	11 1/2	10	12	2-0	3-6	6-6	23-0	11-11 1/2	1-3	110-2	22-2	1040.41	6.9134	55924	437.99	6							

GENERAL NOTES.
For General Notes See Std. Plan 1-CC-9-20.

OPENINGS		BARREL REINFORCEMENT												BILL OF REINFORCING STEEL FOR 44'-0" CULVERT																								WING AND CURB REINFORCEMENT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Size	No.	No. 6 BARS A			No. 6 BARS A1			No. 6 BARS B			No. 4 BARS C			No. 4 BARS C1			BARS D			BARS E			BARS E1			No. 4 BARS F			No. 4 BARS J			No. 4 BARS J1			No. 4 BARS M			No. 4 BARS N			BARS O			No. 4 BARS P			No. 4 BARS P1			No. 4 BARS P2			Size																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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NOTE:
For Details of Barrel Not Shown
See Std. Plan 1-CC-9-20

VOID
(See Mat. Fill
same No.)
11/31/62

STANDARD PLAN
MULTIPLE OPENINGS - STRAIGHT HEADWALLS
REINFORCED CONCRETE BOX CULVERTS
7'x7' 8'x8' 9'x9' 10'x10'
DATED OCT. 1952 WINGS FOR 2:1 SPILL SLOPE

STATE OF LOUISIANA					
DEPARTMENT OF HIGHWAYS					
DESIGNED	C.A.H.	DETAILED	C.A.H.	TRACED	J.P.G.
CHECKED	W.O.W.P.	CHECKED	C.F.	CHECKED	P.C.P.
BRIDGE DESIGN SECTION					

* Lengths Given Include Splices

			6-28-60	Added 2-7x7	W. J. SA
9-30-60	Design Cld. & May. Fill Ht.	W. J. SA	8-10-59	SUBMITT. REVISED P	W. J. SA
7-21-60	Rev. for Inter-Stat. Load	W. J. SA	9-18-59	2-12 MILL. 10% ADDED	W. J. SA
	W. J. 7-27-58 5 F G	W. J. SA	7-26-59	3-2 ADDED	W. J. SA
	Corrected Steel Quantities				
6-24-60	Added 3.4.46.757	W. J. SA			
				DATE DESCRIPTION	BY
				REVISIONS	