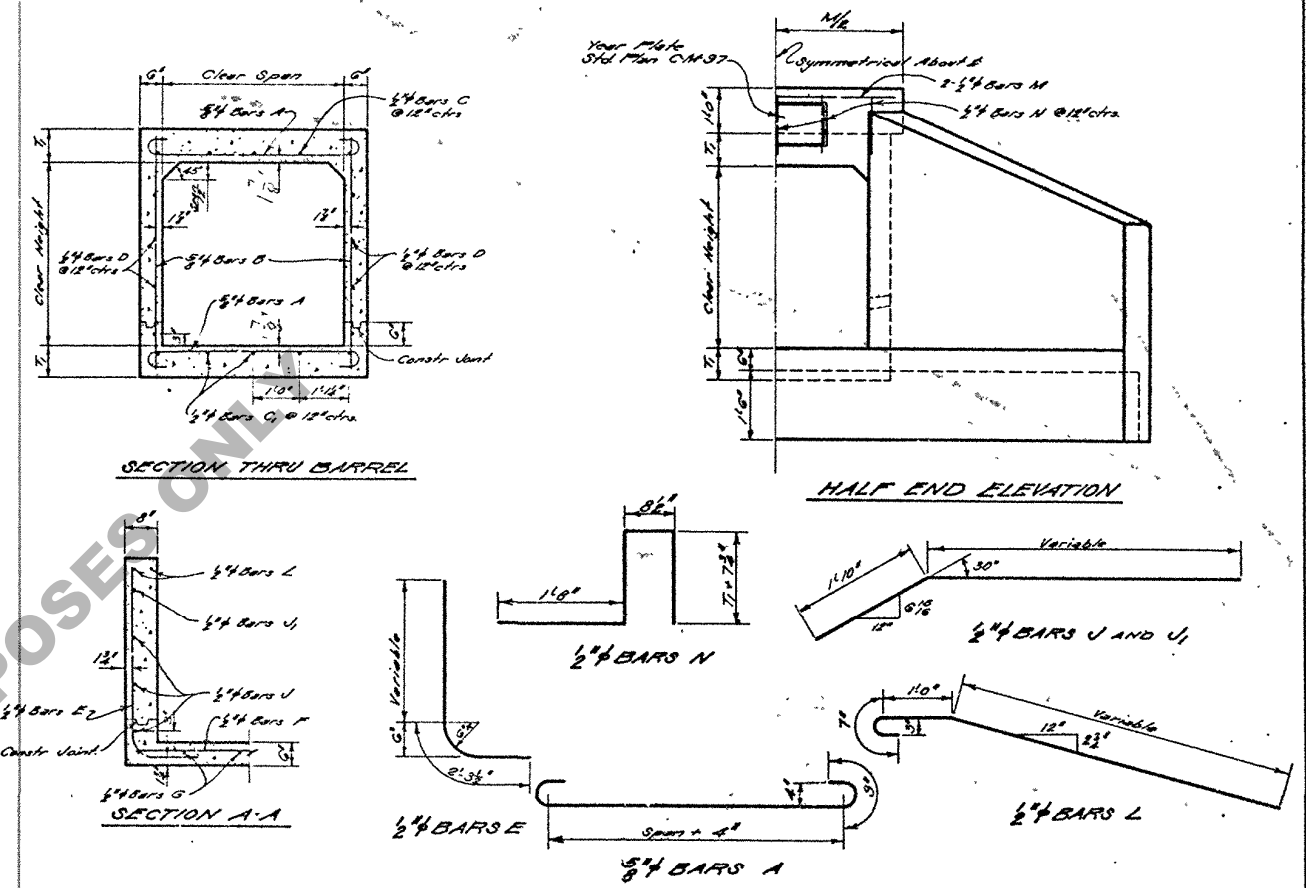
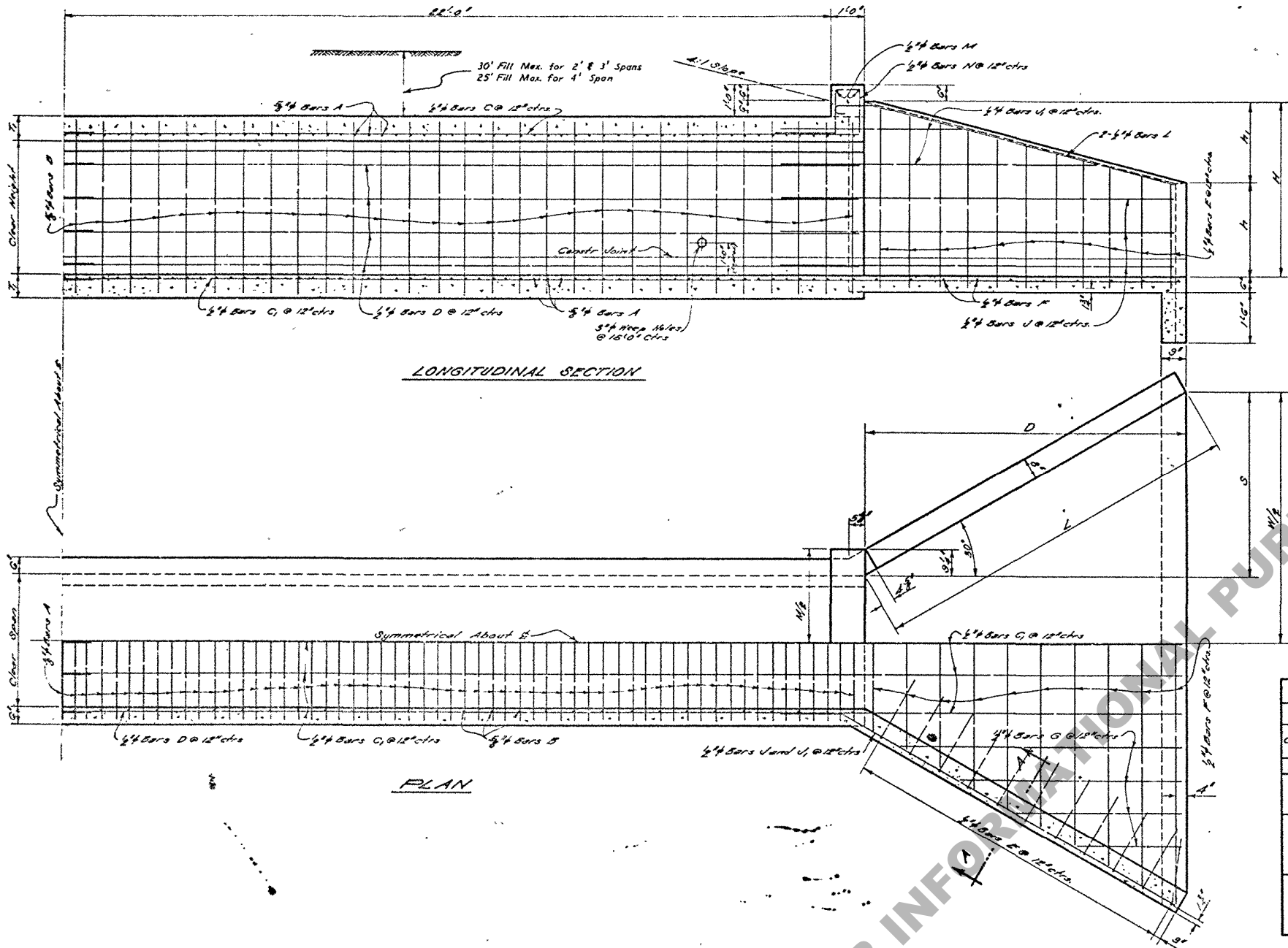




DIMENSIONS														QUANTITIES				OPENINGS	
OPENINGS			BARREL											PER LIN. FT. BARREL		FOR 44'-0" CULVERT		CLEAR HEIGHT	CLEAR SPAN
CLEAR SPAN	CLEAR HEIGHT	AREA	T	H	D	S	L	H	H ₁	W	M			STEEL	CONCRETE	STEEL	CONCRETE		
FEET	FEET	SQ. FT.	INCHES	FT. IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.	LB.	CU. YDS.	LB.	CU. YDS.	FEET	FEET
2	1.5	3	7	2-7	4-9 1/2	2-9 1/2	5-6 1/2	1-8 1/2	1-2 1/2	7-6 1/2	3-6 1/2	24.55	0.1862	1393	11.59	1490	13.29	2	2
3	2.5	7.5	7 1/2	3-1	5-8 1/2	3-3 1/2	6-7 1/2	1-7 1/2	1-5 1/2	8-7	3-6 1/2	25.44	0.2047	1490	13.29	2	2	2	2
4	3	12	8 1/2	3-1 1/2	5-9 1/2	3-4 1/2	6-8 1/2	1-8 1/2	1-5 1/2	9-8 1/2	4-6 1/2	30.06	0.2616	2032	18.36	2	2	3	3
5	3.5	12.25	9	4-1 1/2	7-7 1/2	4-5	8-10 1/2	2-2 1/2	1-11	11-10	4-6 1/2	40.26	0.2986	2351	20.21	3	3	4	4
6	4	16	10	4-2	7-8 1/2	4-6	9-0 1/2	2-3	1-11 1/2	13-0	5-6 1/2	50.12	0.3776	2846	24.49	3	3	4	4
7	4.5	20.25	11	5-2 1/2	9-8	5-7	11-2	2-9 1/2	2-5	15-2	5-6 1/2	58.95	0.4140	3211	28.92	4	4		

BILL OF STEEL FOR 44'-0" CULVERT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
OPENINGS		BARREL REINFORCEMENT																WINGS, CURBS, AND APPROACH REINFORCEMENT																OPENINGS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
CLEAR SPAN FEET	CLEAR HEIGHT FEET	5/8 BARS A				5/8 BARS B				5/8 BARS C				5/8 BARS C ¹				5/8 BARS D				5/8 BARS E				5/8 BARS F				5/8 BARS G				5/8 BARS U				5/8 BARS V				5/8 BARS W				5/8 BARS N				CLEAR HEIGHT FEET	CLEAR SPAN FEET																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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VOID.
RETRACTED & CHECKED
CEX
4-9-58

GENERAL NOTES
Construction Specs. Latest Approved L.A. Hwy. Dept. Std. Specs.
Design Specifications: A. A. S. M. O., 1953 as amended to Dec 31, 1955.
Live Load: HS20-516-44 (Modified).
All concrete to be class "A".
All exposed corners to be chamfered 1/2" unless otherwise noted.
Reinforcement shall be Intermediate or Hard Grade, A.S.T.M. A15, or Rail Steel A.S.T.M. A16 conforming to A.S.T.M. A-305.
Place about 2 cu. ft. of large size gravel or loose rock behind and around each man hole.
When culvert is located at a site subject to scour, the curbs and walls shall be made deeper, or rip rap placed around face of curbs and walls to prevent scouring.
Dimensions relating to reinforcing steel are to bar centers.

STANDARD PLAN
REINFORCED CONCRETE BOX CULVERTS
2 FT. TO 4 FT. CLEAR SPAN
1.5 FT. TO 4 FT. CLEAR HEIGHT
4:1 SLOPE
30" MAX. FILL
DATED DEC. 1944

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED BY: [Signature]
CHECKED BY: [Signature]
IN CHARGE OF: [Signature]

REVISIONS