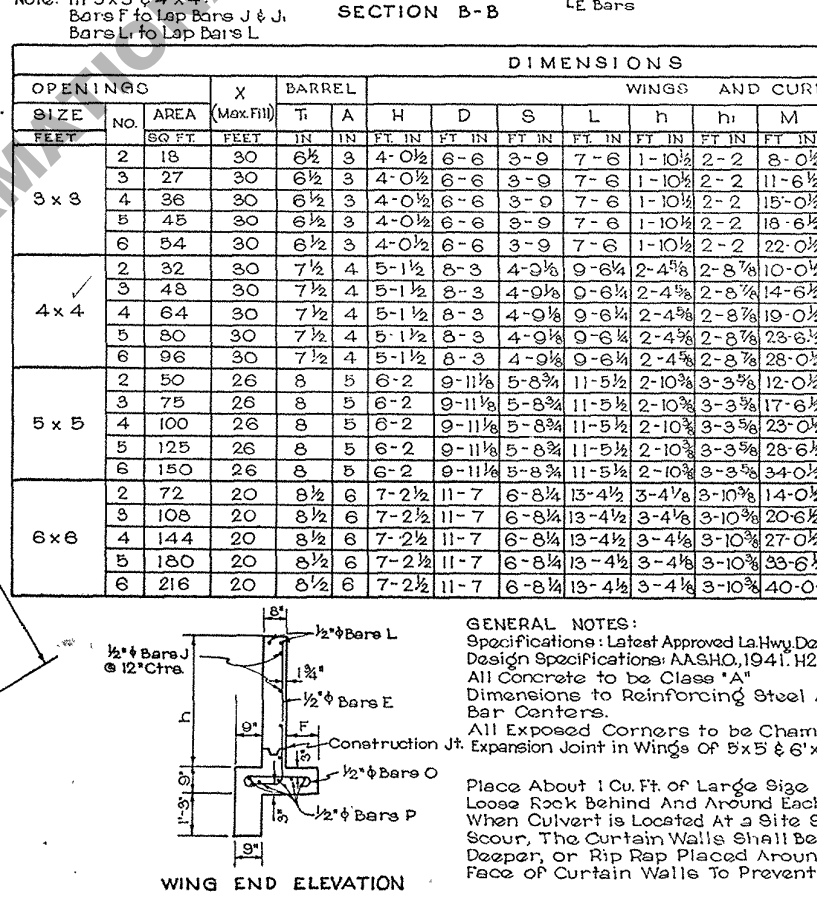
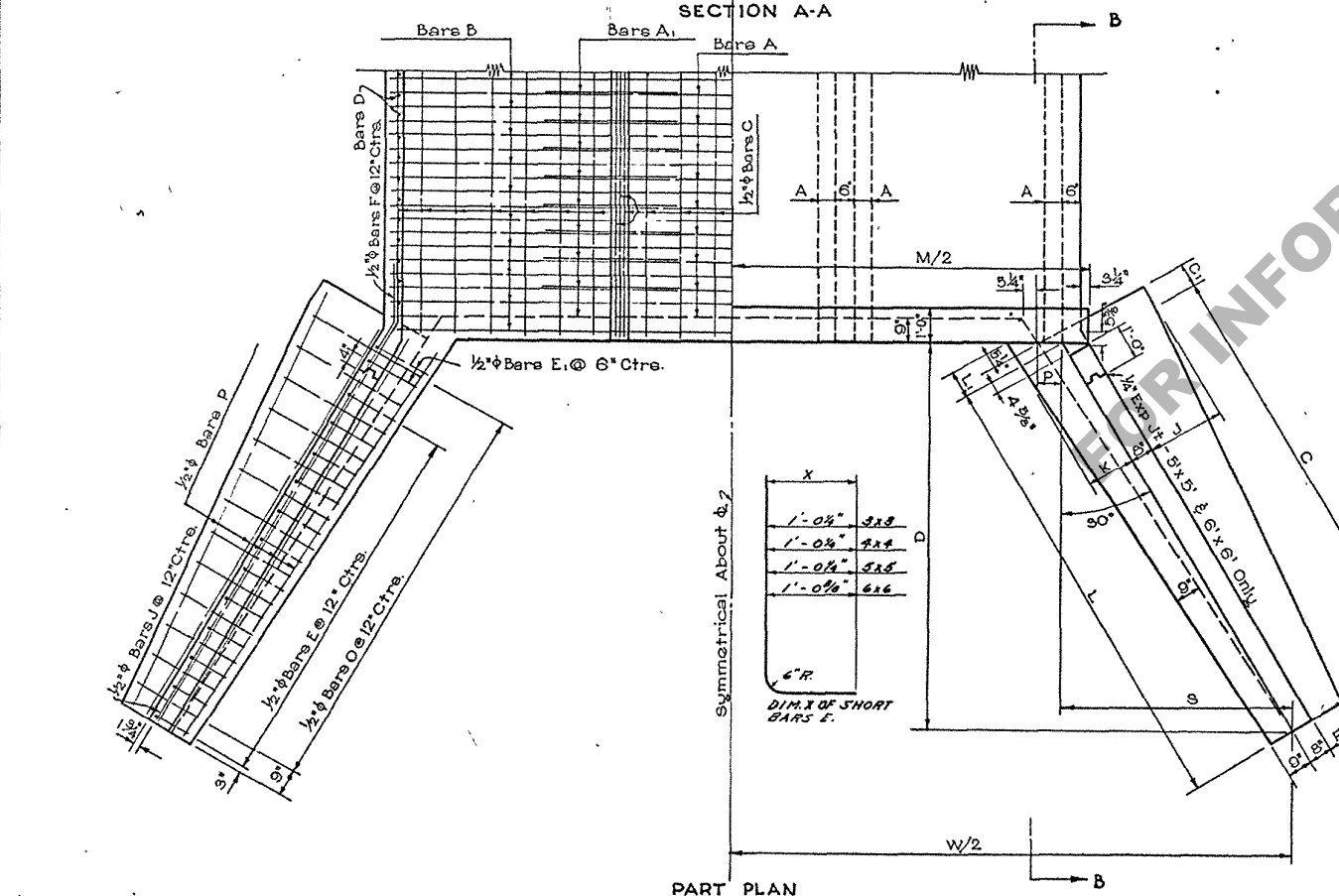
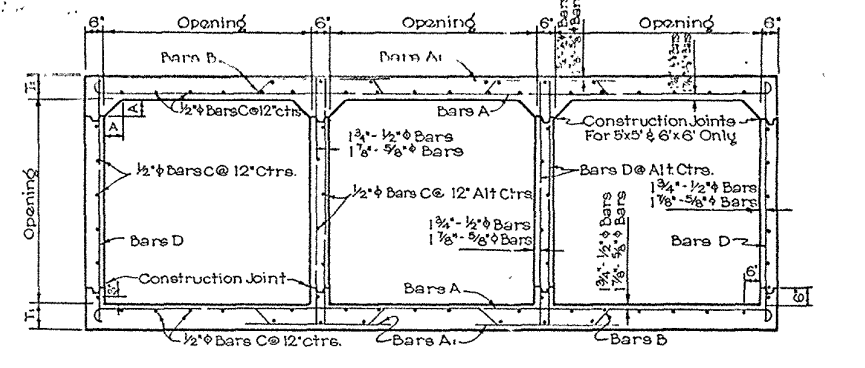
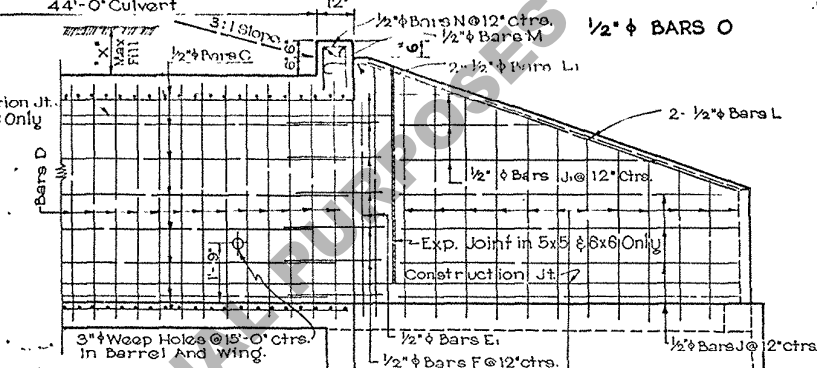
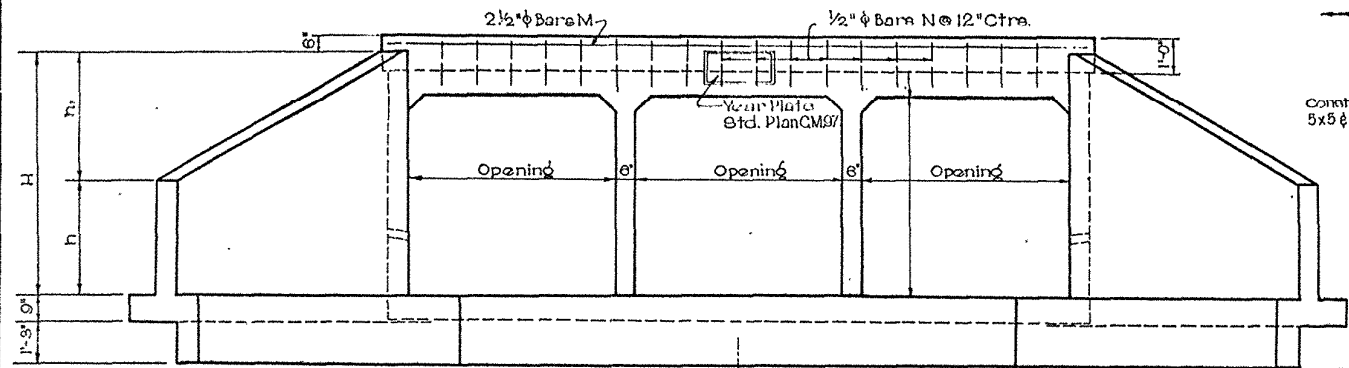
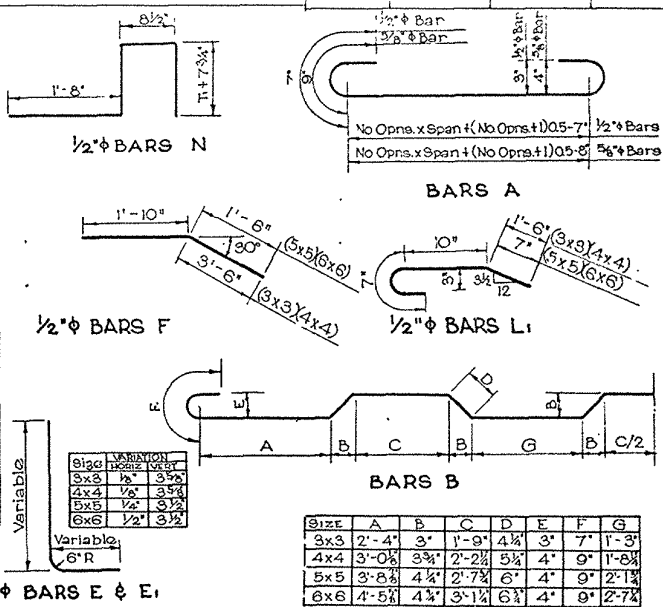


BILL OF STEEL FOR 44'-0" CULVERT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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SIZE FEET	No	BARS A				BARS A ₁				BARS B				1/2" BARS C				BARS D				1/2" BARS E				1/2" BARS E ₁				1/2" BARS F				1/2" BARS J				1/2" BARS J ₁				1/2" BARS L				1/2" BARS L ₁				1/2" BARS M				1/2" BARS N				1/2" BARS O				1/2" BARS P				No	SIZE FEET																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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SECTION THRU BARREL																								QUANTITIES				OPENINGS	
												PER LIN. FT. BARREL		FOR 44'-0" CULVERT															
W	P	L ₁	C	C ₁	F	K	J	STEEL	CONCRETE	STEEL	CONCRETE	NO.	SIZE																
IN	IN	IN	FT IN	IN	IN	FT IN	FT IN	LBS	CU YDS	LBS	CU YDS		FEET																
-0	1 1/8	5 3/4	7-1 3/8	5 3/8	9	0-10	0-10	67.05	0.4722	3559	27.99	2	3 x 3																
-6	1 1/8	5 3/4	7-1 3/8	5 3/8	9	0-10	0-10	100.03	0.6706	5117	37.65	3																	
-0	1 1/8	5 3/4	7-1 3/8	5 3/8	9	0-10	0-10	133.01	0.8689	6669	47.32	4																	
-6	1 1/8	5 3/4	7-1 3/8	5 3/8	9	0-10	0-10	168.99	1.0872	8227	56.36	5																	
-3	0	1 1/8	5 3/4	7-1 3/8	5 3/8	9	0-10	0-10	198.97	1.2655	9780	66.65	6	4 x 4															
-0	1 1/8	5 3/4	9-1 3/8	5 3/8	9	0-10	1-6	91.70	0.6703	4863	39.87	2																	
-6	1 1/8	5 3/4	9-1 3/8	5 3/8	9	0-10	1-6	135.45	0.9568	6921	53.69	3																	
-0	1 1/8	5 3/4	9-1 3/8	5 3/8	9	0-10	1-6	179.20	1.2433	8973	67.55	4																	
-6	1 1/8	5 3/4	9-1 3/8	5 3/8	9	0-10	1-6	222.95	1.5298	11032	81.39	5	5 x 5																
-3	0	1 1/8	5 3/4	9-1 3/8	5 3/8	9	0-10	1-6	266.70	1.5164	13083	95.24		6															
-11 1/2	3 3/8	6 7/8	11-0 3/8	6 3/8	9	1-0	1-10	122.40	0.3586	6410	51.54	2																	
-5 1/2	3 3/8	6 7/8	11-0 3/8	6 3/8	9	1-0	1-10	180.13	1.2792	9114	69.39	3																	
-1 1/2	3 3/8	6 7/8	11-0 3/8	6 3/8	9	1-0	1-10	237.80	1.5965	11810	87.24	4	6 x 6																
-5 1/2	3 3/8	6 7/8	11-0 3/8	6 3/8	9	1-0	1-10	295.44	1.9705	14514	105.10	5																	
-1 1/2	3 3/8	6 7/8	11-0 3/8	6 3/8	9	1-0	1-10	353.14	2.3411	17209	122.94	6																	
-10 3/8	8 1/8	9 1/4	12-11 3/8	8 3/8	11	1-4	2-3	154.04	1.0602	8063	64.57	2																	
-4 1/2	8 1/8	9 1/4	12-11 3/8	8 3/8	11	1-4	2-3	226.55	1.5216	11451	86.77	3	6 x 6																
-10 3/8	8 1/8	9 1/4	12-11 3/8	8 3/8	11	1-4	2-3	299.04	1.9830	14835	108.94	4																	
-4 1/2	8 1/8	9 1/4	12-11 3/8	8 3/8	11	1-4	2-3	371.93	2.4444	18223	131.11	5																	
-10 3/8	8 1/8	9 1/4	12-11 3/8	8 3/8	11	1-4	2-3	444.02	2.9058	21604	153.28	6																	

Std. Specs.
18 Loading

to

ed 3/4"

Only.

avel or
ezop Hole.

ect to
ide

inside
ouring.

1 1/8"

6" Wall

6" Wall

1/4" Exp Mat.
For Exp. Jt.
Only

1/2 Chamfer At
Exp Jts Only

KEY DETAILS FOR
EXPANSION AND
CONSTRUCTION JOINTS

5'-22'-8"

For Dimensions Allied

DATE

DESCRIPTION

See 1111

Barrel Sections Taken From Std. Plan CC-8-20

STANDARD PLAN

MULTIPLE OPENINGS

REINFORCED CONCRETE BOX CULVERTS

3' x 3', 4' x 4', 5' x 5', 6' x 6'

3 : 1 SLOPE

DATE: Sept. 19 47

STATE OF LOUISIANA

DEPARTMENT OF HIGHWAYS

DESIGNED
CHECKED

DETAILED G.A.H.
CHECKED R.L.G.

TRACED G.R. Nordyke
CHECKED R.L.G.