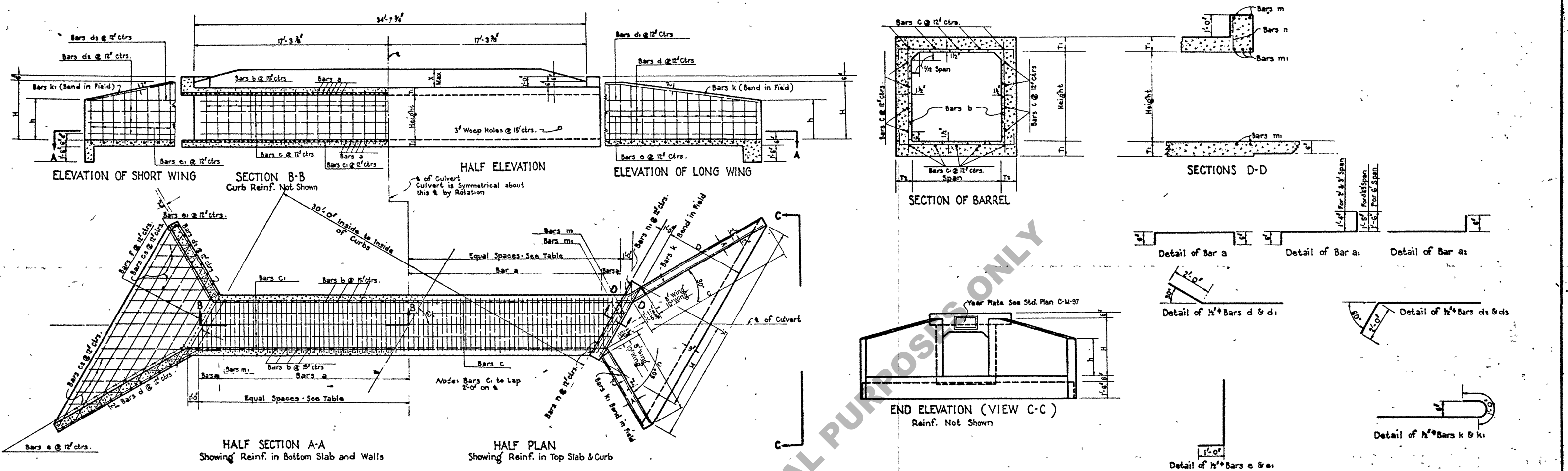




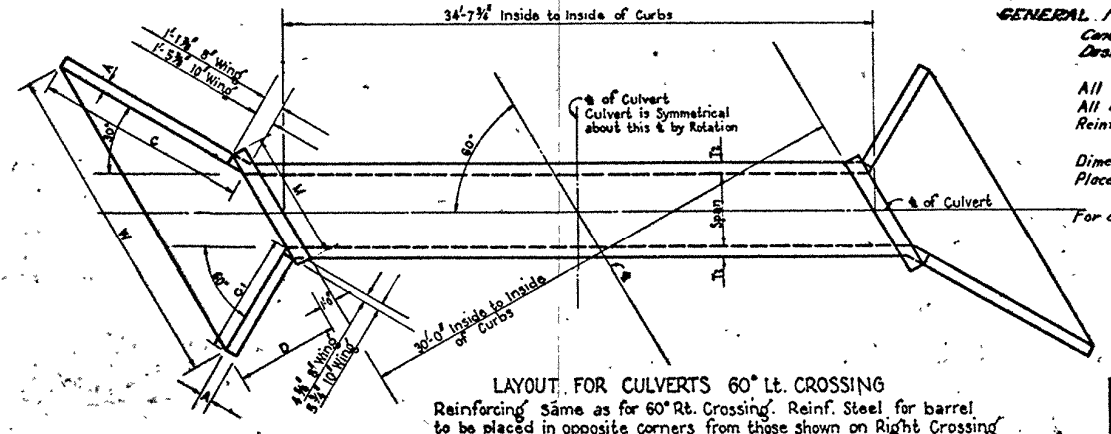
STEEL SCHEDULE FOR CULVERTS (FOR 34'-7 3/4' LENGTH ON E OF CULVERTS)

Opening		Barrel Reinforcement												Wing-Wall, Curb and Apron Reinforcement																													
Clear Span	Clear Height	Bars a				Bars a1				Bars a2				1/2" Bars b		1/2" Bars c		1/2" Bars d		1/2" Bars e		1/2" Bars f		1/2" Bars g		1/2" Bars h		1/2" Bars i		1/2" Bars j		1/2" Bars k		1/2" Bars l		1/2" Bars m		1/2" Bars n		1/2" Bars o			
		Size	Spac	No	Length	Size	Spac	No	Length	Size	Spac	No	Length	No	Length	No	Length	No	Length	No	Length	No	Length	No	Length	No	Length	No	Length	No	Length	No	Length	No	Length	No	Length	No	Length	No	Length		
Ft.	Ft.	In.	In.	Ft.-In.	In.	In.	Ft.-In.	In.	In.	Ft.-In.	In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	
																				</																							

Note: To obtain length of intermediate bars, use "Variation" as increment between short and long bars.

DIMENSIONS & QUANTITIES FOR 34'-7 3/4' CULVERTS

Opening		Barrel										Wings, Curb and Apron										Per Lin. Ft. Barrel		Total Quantities		Two Headwalls	
Clear Span	Clear Height	Area	T1	T2	M	H	h	C	G	W	D	A	X	Steel	Conc.	Steel	Conc.	Steel	Conc.	Steel	Conc.	Steel	Conc.	Steel	Conc.	Steel	Conc.
Ft.	Ft.	Sq. Ft.	In.	In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	In.	Ft.	Lbs.	Cu. Yds.	Lbs.	Cu. Yds.	Lbs.	Cu. Yds.	Lbs.	Cu. Yds.	Lbs.	Cu. Yds.	Lbs.	Cu. Yds.	Lbs.	Cu. Yds.
2	4	24	9	8	9-1 1/2	5-3	3-3 1/2	12-7 1/2	7-3 1/2	2-5 1/2	6-3 1/2	10	11	68.42	6.42	33.10	34.29	940	13.01								
3	5	30	9	8	9-1 1/2	5-3	3-3 1/2	15-0	8-7 1/2	24-3	7-8	10	11	71.43	6.63	36.20	39.62	1145	16.63								
6	5	36	9	8	9-1 1/2	5-3	3-3 1/2	17-5 1/2	10-1	27-1	8-8 1/2	10	11	74.43	7.13	39.28	45.54	1349	20.84								



LAYOUT FOR CULVERTS 60° Lt. CROSSING
Reinforcing same as for 60° Rt. Crossing. Reinf. Steel for barrel to be placed in opposite corners from those shown on Right Crossing

GENERAL NOTES
 Const. Specifications: Latest approved by Hwy. Dept. Std. Specs.
 Design Specs.: A.A.S.H.O. 1953 as amended to Dec 31, 1955.
 Live Load: H20: S16: 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.
 Dimensions relating to Reinforcing Steel are to bar centers.
 Place about 2 Cu. Ft. of large size Gravel or loose Rock behind
 and around each Weep-Hole.
 For details of Expansion and Con-
 struction Joints, see Std.
 Plan C-M-49.

STANDARD PLAN
R. C. BOX CULVERTS
2 Ft. to 6 Ft. SPAN * 2 Ft. to 6 Ft. HEIGHT
60° CROSSING
3:1 SLOPE

STATE OF LOUISIANA
 DEPARTMENT OF HIGHWAYS

DESIGNED: Heister
 CHECKED: Smart
 IN CHARGE OF: [Signature]
 DATE: 7-24-54
 REVISIONS: [Table with 2 columns: REVISIONS, BY]

DISCARDED
 RETRACED
 CEA
 5.6.58