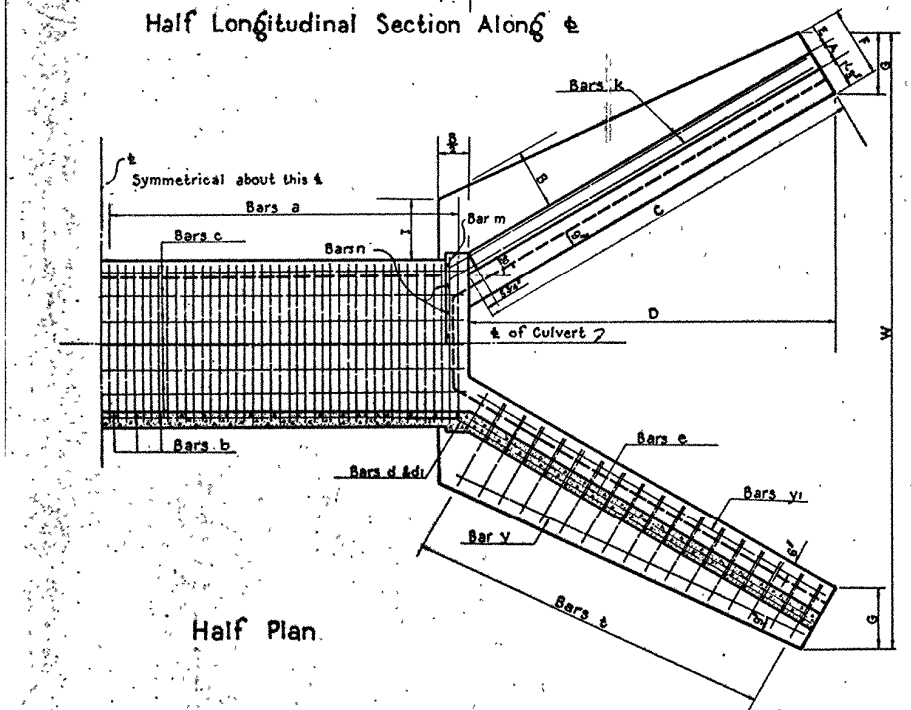
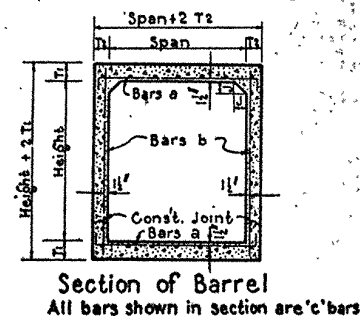
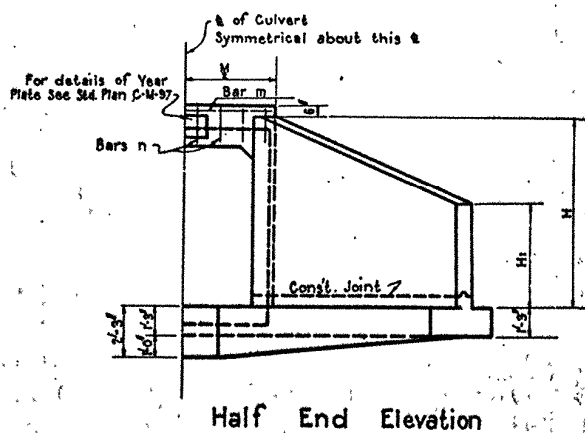
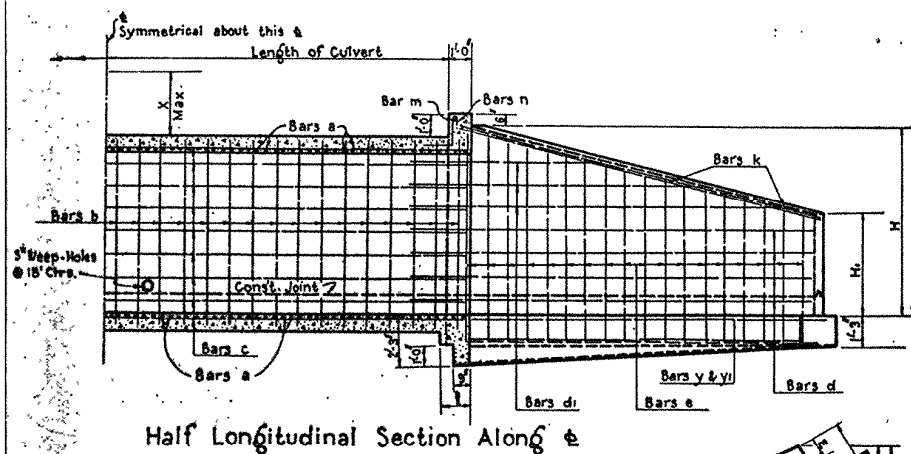


Steel Schedule for 30'-0" Culvert

OPENING		BARREL REINFORCEMENT										WING WALL, CURB and FOOTING REINFORCEMENT																					
Clear Span Ft.	Clear Height Ft.	Size	Bars a		Bars b		Bars c		Bars d		Bars d ₁		Bars e		Bars k		Bars m		Bars n		Bars t		Bars y		Bars y ₁								
			Spac In.	Nº	Lgth Ft.-In.	Nº	Lgth Ft.-In.	Nº	Lgth Ft.-In.	Nº	Lgth Ft.-In.	Short Ft.-In.	Var. Ft.-In.	Long Ft.-In.	Nº	Lgth Ft.-In.	Nº	Lgth Ft.-In.	Nº	Lgth Ft.-In.	Short Ft.-In.	Var. Ft.-In.	Long Ft.-In.	Nº	Lgth Ft.-In.	Nº	Lgth Ft.-In.						
6	7	4"	4"	170	8-1	64	8-3	28	31-9	16	20-4	10-7	4-7	19-9	4	6-9	2 1/2	10-3 1/2	4	8	19-0	2	7-8	16	3-4	2-10	1 1/2	4-4	4	4	16-6	8	17-6

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

Dimensions & Quantities for 30'-0" Culvert

OPENING			BARREL		CURB, WINGS and FOOTINGS																	X	Per Lin. Ft. Barrel		Total Quantities		Two Headwalls	
Clear Span	Clear Height	Area	T ₁	T ₂	A	B	C	D	E	F	G	H	H ₁	I	J	M	W			Steel	Conc.		Steel	Conc.	Steel	Conc.		
Ft.	Ft.	Sq. Ft.	In.	In.	In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	Ft.-In.	In.	Ft.-In.	Ft.-In.			Ft.	Lbs.	Cu. Yds.	Lbs.	Cu. Yds.	Lbs.	Cu. Yds.		
6	7	42	9	8	10	2-8	17-9	15-11 1/2	1-0	3-1	2-8	8-3	4-6	2-7 1/2	6	7-11	26-11			11	82.79	7623	4160	53.87	1676	31.00		

Valid 2-20-45

STANDARD PLAN
6'x7'
R. C. BOX CULVERT
4:1 SLOPE

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

Designed by: G.A.H. Detailed by: M.A.G. Traced by: M.L.H.
Checked by: T.B.S. Checked by: T.B.S.
In Charge of: *Ad. J. ...*

REVISIONS