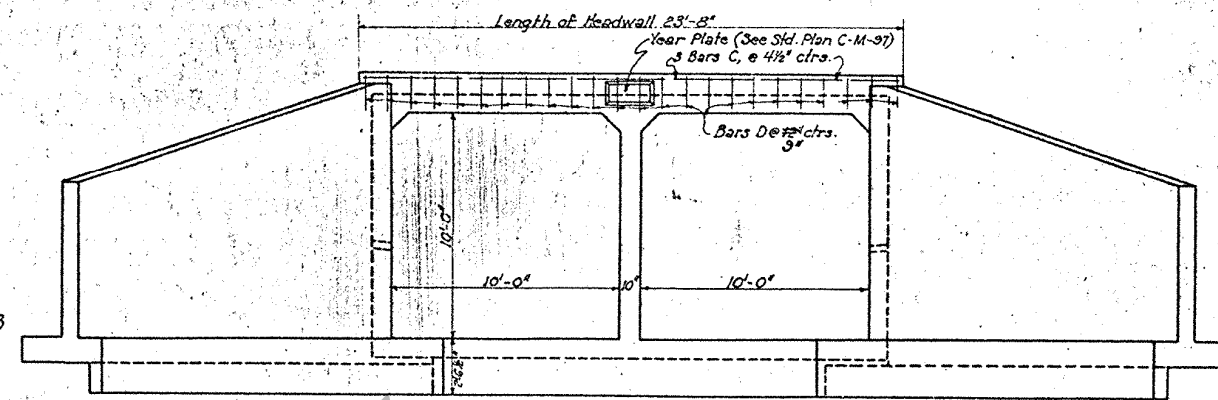
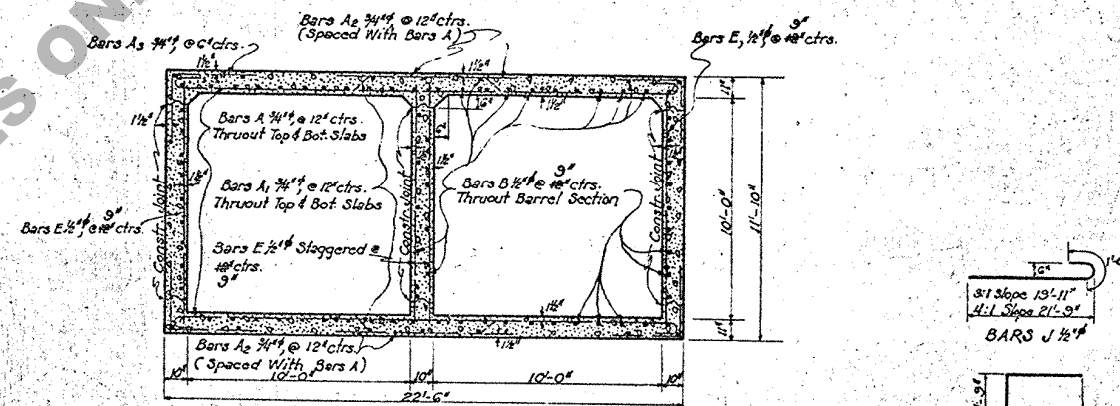




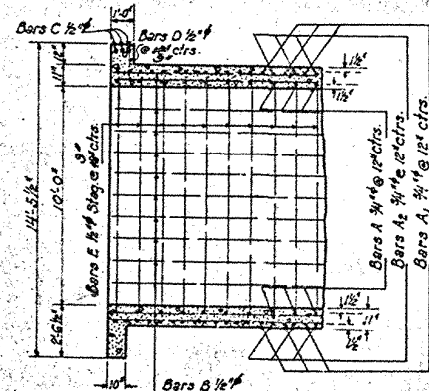
HALF SECTION A-A

HALF SIDE ELEVATION

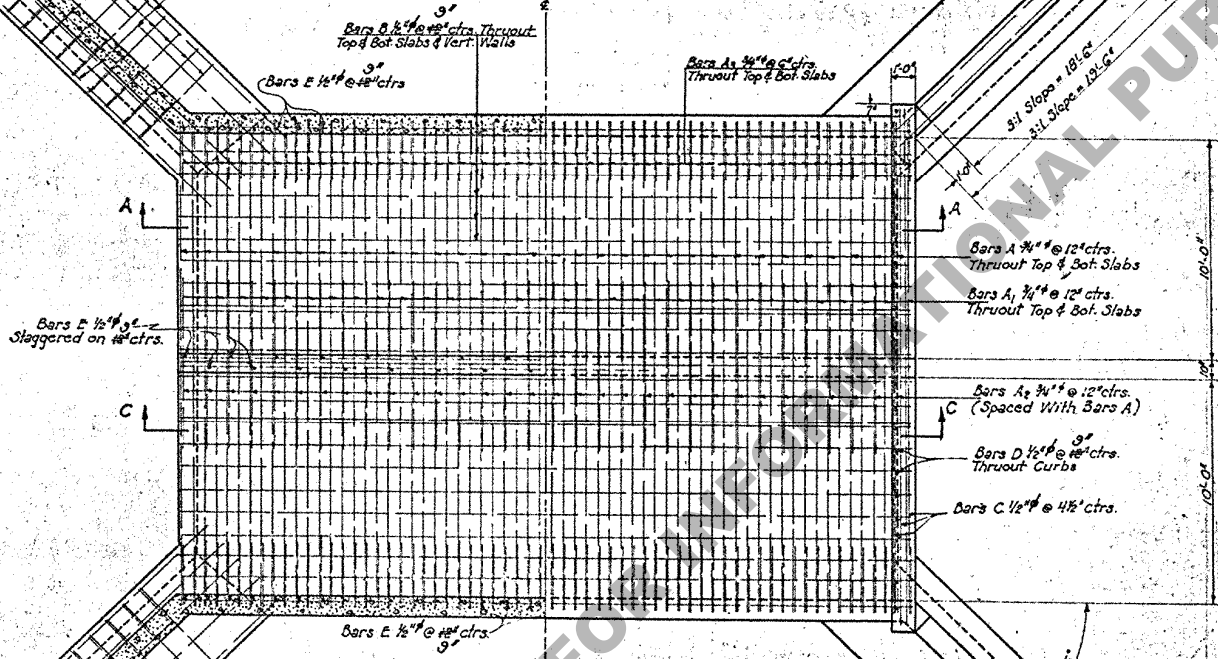
END ELEVATION



CROSS SECTION OF BARREL



PART SECTION C-C



HALF SECTION B-B

HALF PLAN

BILL of MATERIAL for 30'-0" CULVERT										
		3:1 Slope			4:1 Slope					
Mark	Size	No.	Unit ¹	Total Length	No.	Unit ¹	Total Length	Location		
A	3'-0"	64	23'-10"	1505'-4"	64	23'-10"	1505'-4"	Top & Bot. Slabs - Transverse		
A1	"	64	24'-5"	1562'-8"	64	24'-5"	1562'-8"	" " " " " "		
A2	"	64	8'-0"	512'-0"	64	8'-0"	512'-0"	" " " " " "		
A3	"	256	5'-6"	1496'-0"	256	5'-6"	1496'-0"	Corners of Barrel		
F	"	4	Sec. Detail	305'-0"	4	Sec. Detail	1025'-6"	Vertical in Wings		
G	"	76	4'-9"	361'-0"	84	4'-9"	339'-0"	Footings of Wings - Transverse		
Total 3/4" Bars				6274'-8"	6732'-6"					
Weight 3/4" Bars				3425 lbs	3662 lbs					
B	1/2"	85	3'-9"	2638'-3"	106	3'-9"	3365'-6"	Longitudinal Slabs & Walls		
C	"	6	23'-4"	140'-0"	6	23'-4"	140'-0"	Top of Curbs - Horizontal		
D	"	48	1'-8"	601'-0"	60	1'-8"	1001'-0"	Vertical in Curbs		
E	"	96	11'-7"	1112'-0"	120	11'-7"	1439'-6"	Vertical in Walls		
H	"	24	21'-11"	526'-0"	36	23'-11"	861'-0"	Horizontal in Wings		
H1	"	4	21'-0"	84'-0"	4	20'-11"	83'-8"	" " " "		
H2	"	4	16'-11"	67'-8"	4	15'-9"	62'-4"	" " " "		
H3	"	4	12'-8"	51'-4"				" " " "		
J	"	8	20'-8"	165'-4"	8	22'-6"	180'-0"	Top of Wings - Slope		
K	"	28	23'-0"	644'-0"	36	25'-0"	900'-0"	Longitudinal in Wing Footings		
Total 1/2" Bars				5523'-11"	7122'-0"					
Weight 1/2" Bars				4784 lbs	4778 lbs					
Steel 14,153 lbs. 14,440 lbs.										
Concrete 128.43 Cu.Yds 134.07 Cu.Yds										
Steel Bar Ft. Bbl. 336.85 lbs. 336.85 lbs.										
Conc. " " " 24782 Cu.Yds 24782 Cu.Yds										

GENERAL NOTES

Const. Specs.: Latest approved La. Hwy. Dept. Std. Specs.
Design Specs.: La. Hwy. Commission 1929.
Assumed Live Load - 2 Typical 15-Ton Trucks
Concrete to be class A throughout.
All reinforcing bars shall be considered as deformed bars.
Square twisted bars not to be considered as deformed.
Where splicing of bars is necessary they shall be lapped
40 diameters.
All exposed corners to be chamfered $\frac{3}{4}$ "
Place about One (1) Cu. ft. of large gravel or loose rock behind
and around each weep hole.

Old Std. R-M-36

THIS POSITIVE PRINTED FROM CC 76-15

STANDARD PLAN
DOUBLE 10'x10'
R.C. BOX CULVERT
3:1 & 4:1 SLOPE

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED <u>G.A.H.</u>	DETAILS <u>P. Nelson</u>	TRACED <u>J.P. Nelson</u>
CHECKED <u>I.B.S.</u>	CHECKED <u>G.A.H.</u>	CHECKED <u>G.A.H.</u>
IN CHARGE OF <u>G.A.H.</u> <i>Head Road Designer</i>		

11-11-68