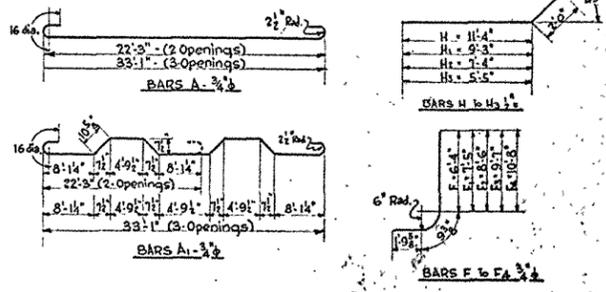


BILL OF MATERIAL FOR 30'-0" CULVERTS

Mark	Size	2 - OPENINGS		3 - OPENINGS		Location
		NO.	LENGTH	NO.	LENGTH	
A	3/4"	64	23'-10"	64	24'-8"	Top + Bot. Slabs Transverse
A ₁	3/4"	64	24'-5"	64	25'-9"	" " " " " "
A ₂	3/4"	64	8'-0"	128	8'-0"	" " " " " "
F	8	8	8'-11"	8	8'-11"	Vertical in Wings
F ₁	8	8	10'-0"	8	10'-0"	" " " " " "
F ₂	8	8	11'-4"	8	11'-4"	" " " " " "
F ₃	8	8	12'-2"	8	12'-2"	" " " " " "
F ₄	8	12	13'-3"	12	13'-3"	" " " " " "
G	3/4"	44	4'-10"	44	4'-10"	Transverse Top Wing Footings
Total 3/4" Bars		4309-0	6472'	6239-8	9312'	
B	1/2"	18	31'-9"	18	31'-9"	Longit. Thruout Slabs & Walls
C	1/2"	6	23'-4"	6	23'-4"	Top of Curbs Horiz.
D	4/8	48	1'-8"	48	1'-8"	Vertical in Curbs
E	1/2"	96	11'-6"	96	11'-6"	Vertical in Walls
H	24	13'-4"	320'-0"	24	13'-4"	Horizontal in Wings
H ₁	4	4	11'-3"	4	11'-3"	" " " " " "
H ₂	4	4	9'-4"	4	9'-4"	" " " " " "
H ₃	4	4	7'-5"	4	7'-5"	" " " " " "
J	8	8	12'-9"	8	12'-9"	Top of Wing Slope
K	1/2"	28	14'-6"	28	14'-6"	Longit. in Wing Footings
Total 1/2" Bars		474-6	6029'	641-2	8455'	
Total Weights			10501#		14827#	
STEEL			10501 Lbs.		14827 Lbs.	
CONCRETE			108.9 Cu.Yds.		138.1 Cu.Yds.	
STEEL PER BAR			264.60 Lbs.		397.30 Lbs.	
CONC. PER BAR			2.38 Cu.Yds.		3.38 Cu.Yds.	



GENERAL NOTES:
 Specifications: Louisiana Highway Commission 1929
 Assumed Live Load - 2 Typical 15-Ton Trucks
 Maximum Height of Fill = 4'-0"
 Concrete to be Class "A" thruout
 All reinforcing to be deformed.
 Square twisted bars not to be considered as deformed.
 Where splicing of bars is necessary, they shall be lapped a minimum of 40 diameters.
 All exposed corners shall be chamfered 3/4".
 Exposed surfaces of curbs and wingwalls shall be given a smooth "rubbed" finish.
 Place about One (1) Cu. Ft. of large size gravel or loose rock behind and around each Weep Hole.

STANDARD PLAN
10'x10' REINF. CONCRETE BOX CULVERT
TWO OR THREE OPENINGS
LOUISIANA HIGHWAY COMMISSION
 Baton Rouge, La.

Scale: 1/4" = 1'-0" May 1931
 CC-19-15

REVISION	DATE	BY

VOID 12-20-45