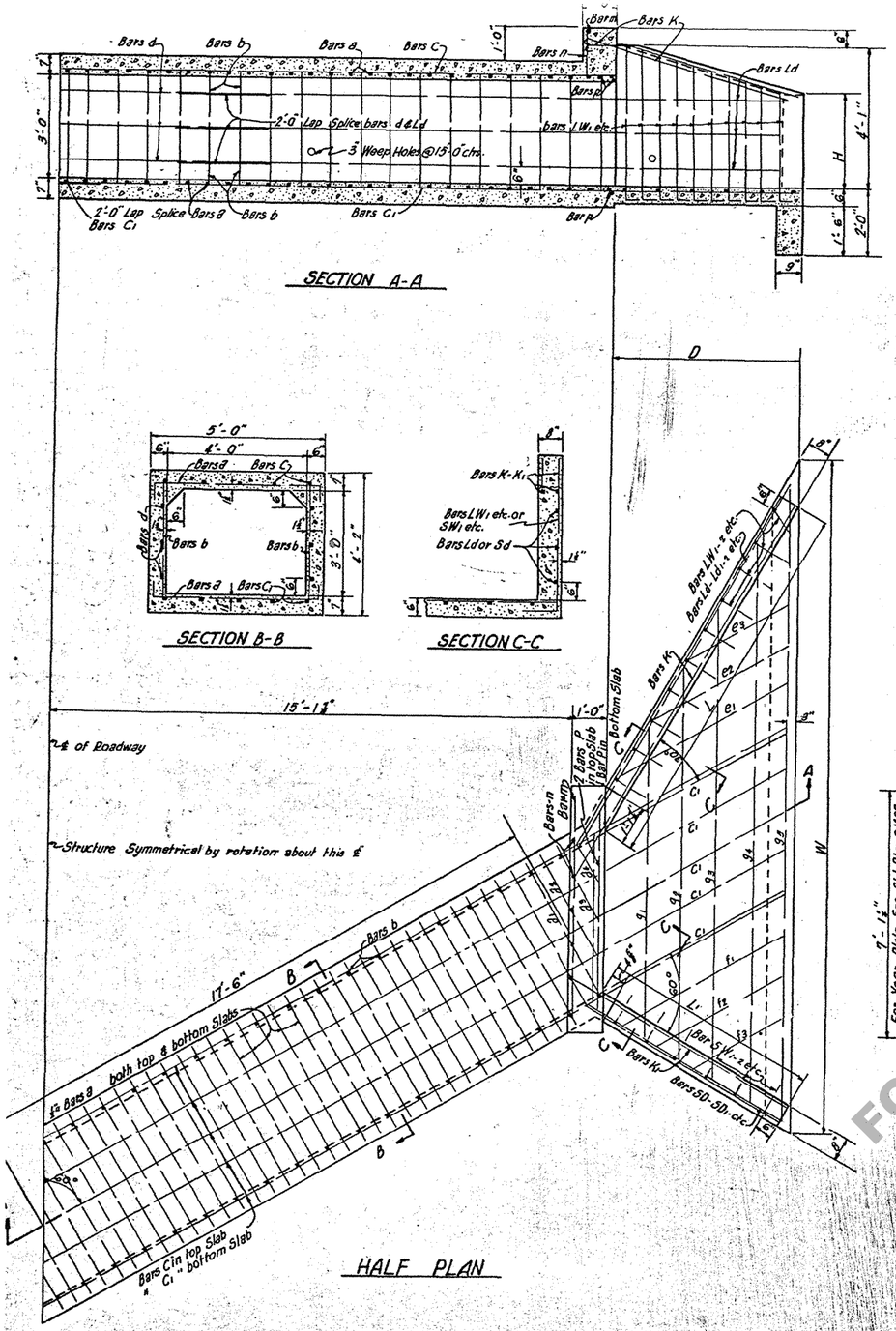

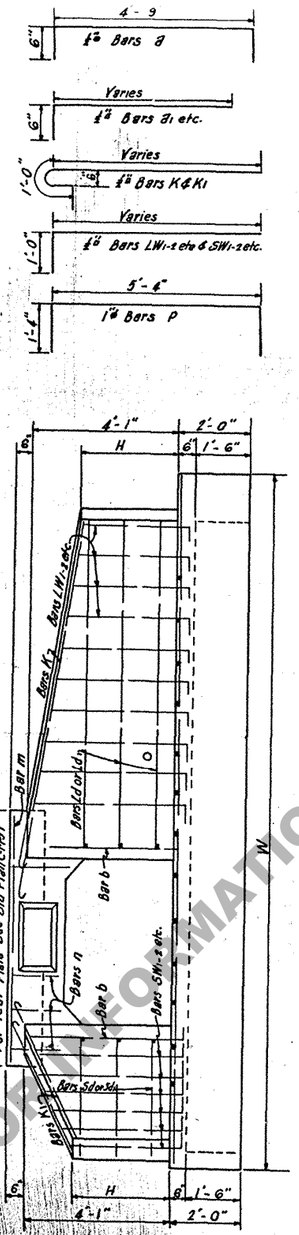

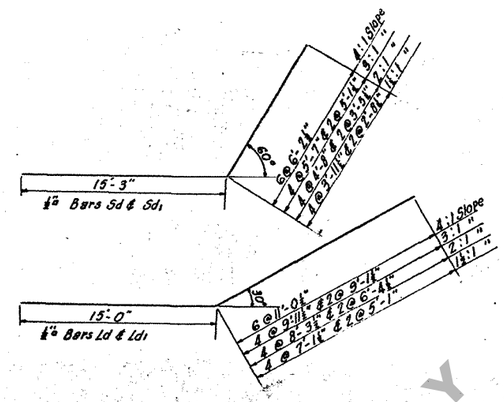

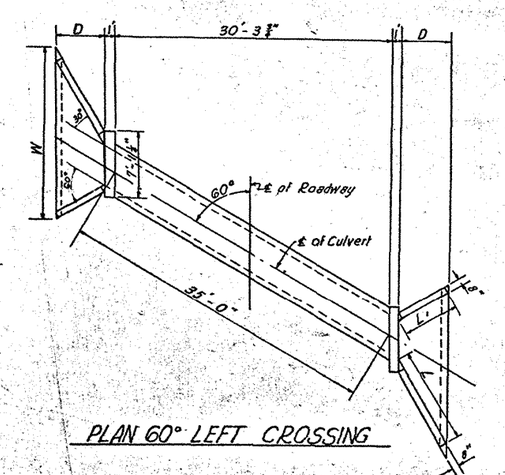

GENERAL NOTES

1 Specifications: { Construction - Latest Approved La. Hwy. Dept. Std. Specs. / Design - La. Hwy. Commission, Feb. 1929
2 All concrete to be class "A"
3 All exposed edges shall have a ¾" chamfer
5 All reinforcing steel shall be Deformed Bars.
6 All longitudinal steel in floor slab and side walls shall be lap-spliced 2'-0" as shown.
7 Approximately 1 cu. ft. of large size gravels or broken stone shall be placed behind and around each weep hole as directed by the Resident Engineer.
8 For Year Plate See Standard Plan C-M-97

BILL OF REINFORCING STEEL FOR A 35'-0" STRUCTURE

Slope			1½ : 1			2 : 1			3 : 1			4 : 1			
Bar	Size	Spacing	No	Length Unit	Length Total	No	Length Unit	Length Total	No	Length Unit	Length Total	No	Length Unit	Length Total	Bar
a	¾"	6"	136	5'-9"	782'-0"	136	5'-9"	782'-0"	136	5'-9"	782'-0"	136	5'-9"	782'-0"	a
a1	"	"	4	5'-0"	20'-0"	4	5'-0"	20'-0"	4	5'-0"	20'-0"	4	5'-0"	20'-0"	a1
a2	"	"	4	4'-2"	16'-8"	4	4'-2"	16'-8"	4	4'-2"	16'-8"	4	4'-2"	16'-8"	a2
a3	"	"	4	3'-4"	13'-4"	4	3'-4"	13'-4"	4	3'-4"	13'-4"	4	3'-4"	13'-4"	a3
a4	"	"	4	2'-6"	10'-0"	4	2'-6"	10'-0"	4	2'-6"	10'-0"	4	2'-6"	10'-0"	a4
b	"	12"	72	3'-11"	282'-0"	72	3'-11"	282'-0"	72	3'-11"	282'-0"	72	3'-11"	282'-0"	b
c	"	"	5	37'-0"	185'-0"	5	37'-0"	185'-0"	5	37'-0"	185'-0"	5	37'-0"	185'-0"	c
c1	"	"	10	26'-3"	262'-6"	10	26'-3"	262'-6"	10	26'-3"	262'-6"	10	26'-3"	262'-6"	c1
d	"	"	6	10'-0"	60'-0"	6	10'-0"	60'-0"	6	10'-0"	60'-0"	6	10'-0"	60'-0"	d
Ld	"	"	4	22'-1½"	88'-6"	4	23'-3½"	93'-2"	4	24'-11½"	99'-10"	6	26'-0½"	156'-3"	Ld
Ld1	"	"	2	20'-1"	40'-2"	2	21'-4½"	42'-9"	2	24'-1½"	48'-3"				Ld1
Sd	"	"	4	19'-2½"	76'-10"	4	19'-11"	79'-8"	4	20'-10"	83'-4"	6	21'-5½"	128'-9"	Sd
Sd1	"	"	2	17'-11½"	35'-11"	2	18'-8½"	37'-5"	2	20'-4½"	40'-9"				Sd1
e1	"	"	2	3'-8"	7'-4"	2	4'-4"	8'-8"	2	5'-4"	10'-8"	2	5'-11"	11'-10"	e1
e2	"	"				2	3'-2"	6'-4"	2	4'-2"	8'-4"	2	4'-9"	9'-6"	e2
e3	"	"							2	3'-0"	6'-0"	2	3'-7"	7'-2"	e3
f1	"	"	2	3'-3"	6'-6"	2	3'-10"	7'-8"	2	4'-10"	9'-8"	2	5'-6"	11'-0"	f1
f2	"	"				2	2'-8"	5'-4"	2	3'-8"	7'-4"	2	4'-4"	8'-8"	f2
f3	"	"							2	2'-6"	5'-0"	2	3'-2"	6'-4"	f3
g1	"	"	2	8'-8"	17'-4"	2	7'-8"	15'-4"	2	7'-4"	14'-8"	2	8'-8"	17'-4"	g1
g2	"	"	2	11'-0"	22'-0"	2	10'-0"	20'-0"	2	9'-8"	19'-4"	2	11'-0"	22'-0"	g2
g3	"	"	2	13'-4"	26'-8"	2	12'-4"	24'-8"	2	12'-0"	24'-0"	2	13'-4"	26'-8"	g3
g4	"	"				2	14'-8"	29'-4"	2	14'-4"	28'-8"	2	15'-8"	31'-4"	g4
g5	"	"							2	16'-8"	33'-4"	2	18'-0"	36'-0"	g5
K	"	5"	4	8'-11"	35'-8"	4	9'-11"	39'-8"	4	11'-5"	45'-8"	4	12'-5"	49'-8"	K
K1	"	5"	4	6'-0"	24'-0"	4	6'-6"	26'-0"	4	7'-2"	28'-8"	4	7'-9"	31'-0"	K1
m	"		2	6'-10"	13'-8"	2	6'-10"	13'-8"	2	6'-10"	13'-8"	2	6'-10"	13'-8"	m
n	"	12"	12	1'-4"	16'-0"	12	1'-4"	16'-0"	12	1'-4"	16'-0"	12	1'-4"	16'-0"	n
LW1	"	"	2	3'-2"	6'-4"	2	3'-4½"	6'-9"	2	3'-9"	7'-6"	2	4'-0"	8'-0"	LW1
LW2	"	"	2	3'-6½"	7'-1"	2	3'-8"	7'-4"	2	3'-11"	7'-10"	2	4'-1½"	8'-3"	LW2
LW3	"	"	2	3'-11½"	7'-11"	2	3'-11½"	7'-11"	2	4'-1½"	8'-3"	2	4'-3"	8'-6"	LW3
LW4	"	"	2	4'-4"	8'-8"	2	4'-3"	8'-6"	2	4'-3½"	8'-7"	2	4'-5"	8'-10"	LW4
LW5	"	"	2	4'-9"	9'-6"	2	4'-7"	9'-2"	2	4'-6"	9'-0"	2	4'-6½"	9'-1"	LW5
LW6	"	"	2	5'-2"	10'-4"	2	4'-10½"	9'-9"	2	4'-8"	9'-4"	2	4'-8"	9'-4"	LW6
LW7	"	"				2	5'-2"	10'-4"	2	4'-10½"	9'-9"	2	4'-9½"	9'-7"	LW7
LW8	"	"							2	5'-1"	10'-2"	2	4'-11"	9'-10"	LW8
LW9	"	"							2	5'-3"	10'-6"	2	5'-1"	10'-2"	LW9
LW10	"	"										2	5'-2½"	10'-5"	LW10
SW1	"	"	2	3'-3"	6'-6"	2	3'-6"	7'-0"	2	3'-10"	7'-8"	2	4'-0½"	8'-1"	SW1
SW2	"	"	2	3'-11"	7'-10"	2	3'-11½"	7'-11"	2	4'-1½"	8'-3"	2	4'-3"	8'-6"	SW2
SW3	"	"	2	4'-7"	9'-2"	2	4'-5"	8'-10"	2	4'-5½"	8'-11"	2	4'-6"	9'-0"	SW3
SW4	"	"	2	5'-3"	10'-6"	2	4'-11"	9'-10"	2	4'-9"	9'-6"	2	4'-8½"	9'-5"	SW4
SW5	"	"							2	5'-1"	10'-2"	2	4'-11½"	9'-11"	SW5
SW6	"	"										2	5'-2"	10'-4"	SW6
Total ¾"		Bars			2125'-11"			2190'-6"			2300'-1"			2361'-11"	Total
P	1¼"	4"	6	8'-0"	48'-0"	6	8'-0"	48'-0"	6	8'-0"	48'-0"	6	8'-0"	48'-0"	P
Total 1¼"		Bars			48'-0"			48'-0"			48'-0"			48'-0"	Total

DIMENSIONS & QUANTITIES FOR 35'-0 STRUCTURE

Slope	D	H	L	L1	W	QUANTITIES TOTAL Concrete cu. yds.	TOTAL Rein. Steel Lbs.	ONE FOOT OF BARREL Concrete cu. yds.	ONE FOOT OF BARREL Rein. Steel Lbs.
1½:1	3'-6"	1'-9"	7'-0"	4'-0½"	14'-9½"	17.23	19 35	3364	39.81
2:1	4'-1"	2'-0½"	8'-2"	4'-8⅝"	16'-2"	18.02	19 90	3364	39.81
3:1	4'-11"	2'-5½"	9'-10"	5'-8⅝"	18'-1"	19.25	20 89	3364	39.81
4:1	5'-5½"	2'-8⅜"	10'-11"	6'-3⅜"	19'-4"	20.11	21 36	3364	39.81

DISCARDED 3-7-57 CEA

STANDARD PLAN
SINGLE 4 × 3 R.C. BOX CULVERT
FOR SLOPES of 4, 3, 2 & 1½-1
5' MAX. FILL
60° CROSSING

LOUISIANA HIGHWAY COMMISSION
BATON ROUGE, LA. Oct. 1937

Date	Description	By
1-48	Gen. Notes & Std. No.	

REVISIONS

DESIGNED Myers | DETAILED Pray | TRACED C. P. Bassett
CHECKED Pray | CHECKED H. W. Hunt | CHECKED Pray
IN CHARGE OF Charles A. Myers BRIDGE DESIGNING ENGINEER

C-C-186-15

FOR INFORMATIONAL PURPOSES ONLY