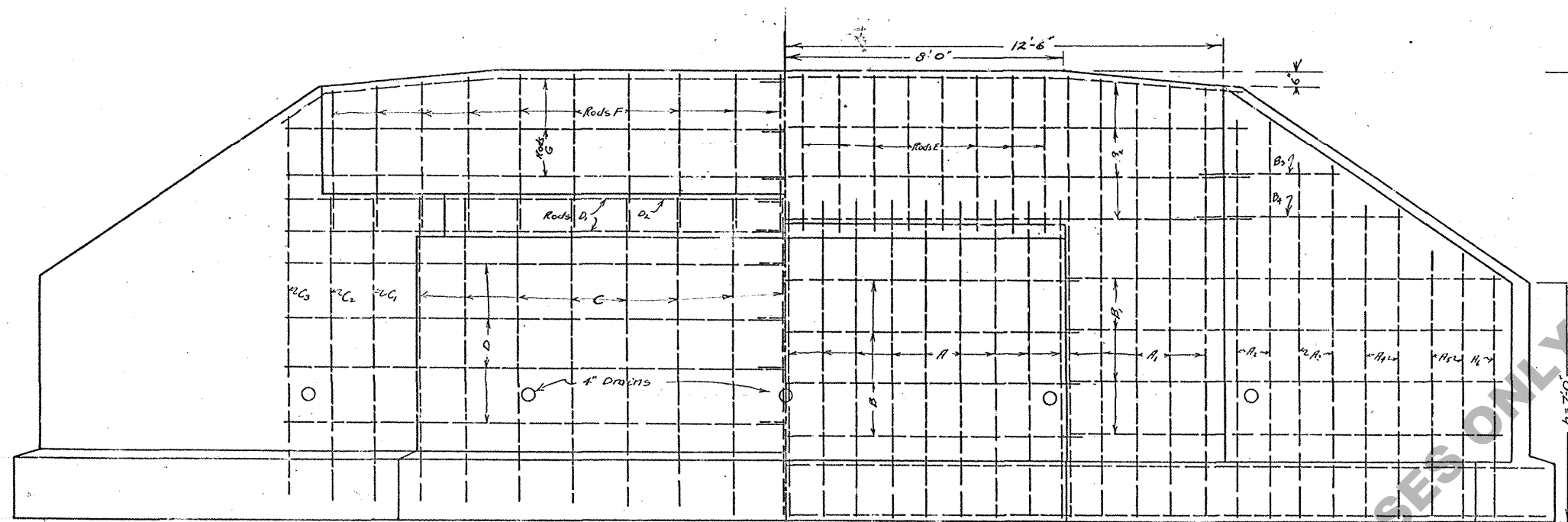
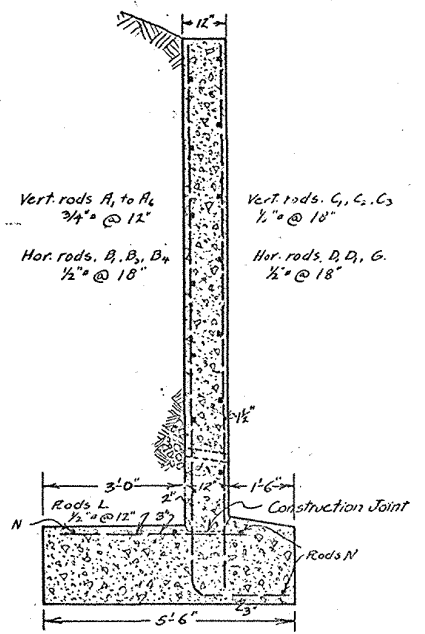
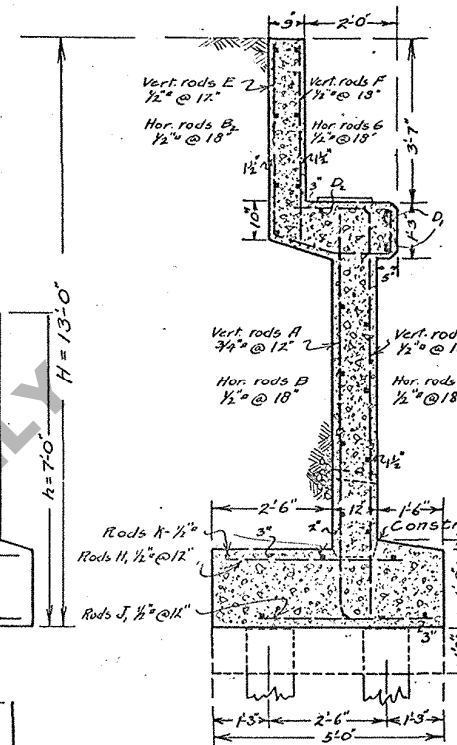




HALF FRONT ELEVATION
Showing face reinforcing

HALF REAR ELEVATION
Showing rear reinforcing

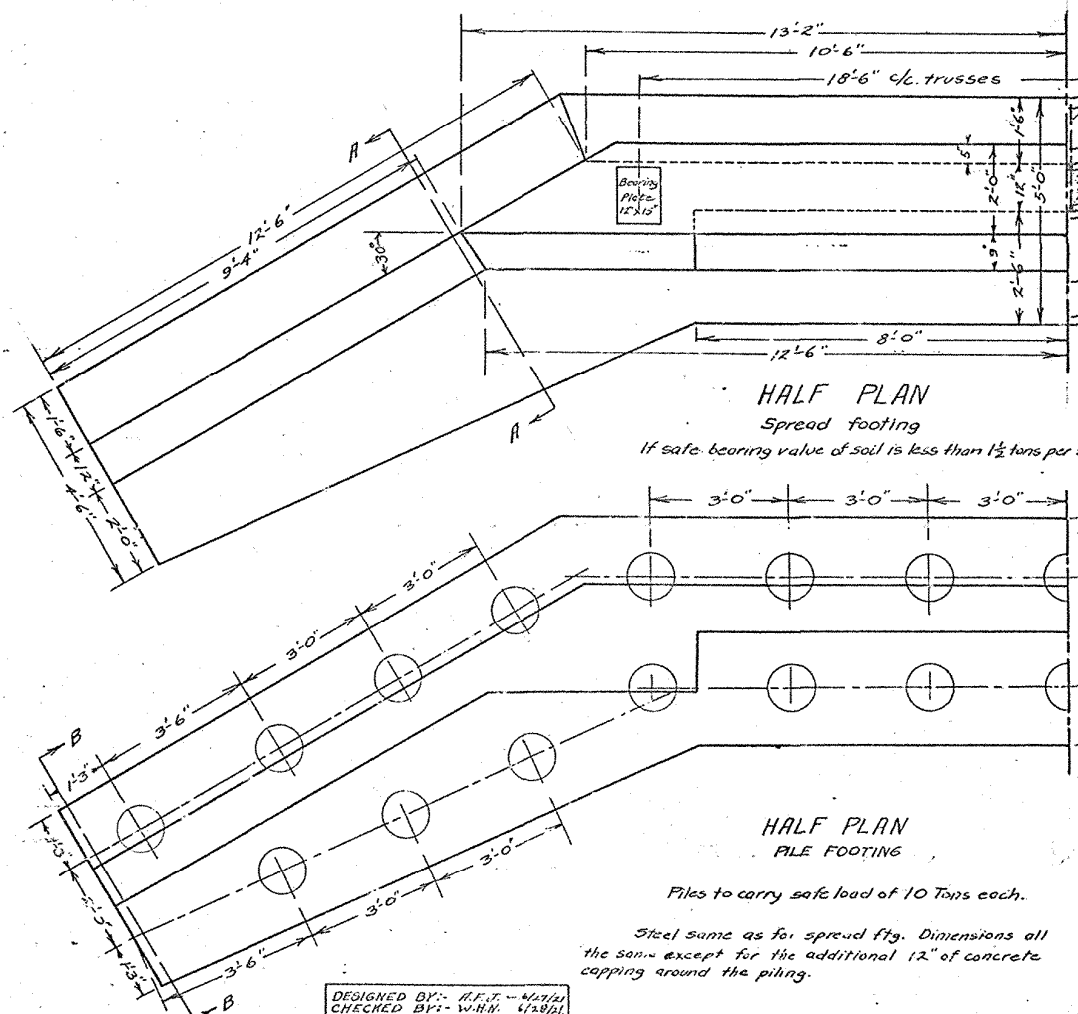


SECTION A-A, WING WALL

SECTION ABUTMENT
Dotted lines show pile ftg. sections.

REINFORCING STEEL SCHEDULE

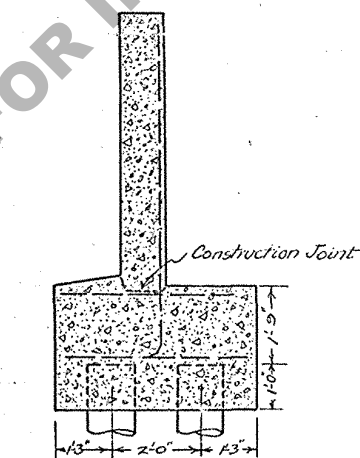
LOCATION	Mark	Size	Spig	No.	Lgth	Wgt.	Bending
Abut. rear. vert.	A	3/4"	12'	17	11'-0"	35.0	Bent 2'-0" @ 90°
" " "	B	"	12'	10	14'-0"	26.8	do
Wing " "	A ₂	"	12'	4	13'-0"	10.0	do
" " "	B ₂	"	12'	4	12'-3"	9.4	do
" " "	A ₃	"	12'	4	11'-0"	8.4	do
" " "	B ₃	"	12'	4	9'-6"	7.2	do
" " "	A ₄	"	12'	2	9'-0"	3.4	do
Abut. rear. hor.	B	1/2"	18'	4	17'-0"	5.0	Straight
Wing " "	B ₁	"	18'	8	13'-6"	9.2	Bent 4'-6" @ 30°
Back wall " "	B ₂	"	18'	4	27'-0"	9.2	" 1'-0" @ 30°
Wing " "	B ₃	"	18'	2	4'-6"	8	" 1'-0" @ 30°
" " "	B ₄	"	18'	2	6'-6"	11	do
Abut. face. vert.	C	"	18'	15	10'-6"	13.4	" 1'-6" @ 90°
" " "	C ₁	"	18'	2	10'-0"	17	1'-0" "
" " "	C ₂	"	18'	2	9'-0"	15	Straight
" " "	C ₃	"	18'	2	11'-0"	19	do
" " hor.	D	"	18'	8	16'-0"	10.9	Bent 4'-6" @ 30°
Coping " "	D ₁	"	"	4	13'-6"	5.3	do
" rear "	D ₂	"	"	2	13'-6"	2.3	Straight
Back wall, rear. vert.	E	"	12'	16	7'-6"	10.2	Sec. Diagram
" face "	F	"	18'	12	4'-6"	6.9	Straight
" " hor.	G	"	18'	6	15'-6"	7.9	Bent 1'-6" @ 30°
Abut. ftg. trans. top	H	"	12'	22	4'-0"	7.5	Straight
" " bot.	J	"	12'	22	4'-0"	7.5	do
" long. -	K	"	"	5	12'-0"	9.4	do
Wing ftg. trans. top	L	"	12'	4	4'-0"	8.2	do
" " bot.	M	"	12'	6	4'-0"	3.0	do
" long. -	N	"	"	8	13'-0"	8.0	do
TOTAL - Sprd. Ftg. 34.6 Cu yds. Conc. 23.26 # Steel							
TOTAL - Pile Ftg. 4.31 Cu yds. Conc. 28 piles.							



HALF PLAN
Spread footing

HALF PLAN
Showing footing reinforcing

HALF PLAN
PILE FOOTING



SECTION B-B OF WING
PILE FOOTING

GENERAL NOTES
 SPECIFICATIONS:- La. State Highway Dept.
 Concrete:- Class "A" (1:2:4)
 Reinforcing steel to consist of deformed bars of same effective area as bars noted on plan.
 All exposed corners to be given a 3/4" chamfer.
DESIGN DATA
 $f_s = 16,000$ $f_c = 650$ Wgt. earth = 100# Wgt. conc. = 150#
 Lateral earth pressure taken as being equal to that of a fluid weighing 25 lbs. per cu. ft.
 Foundation pressures noted on plan.
 Note:- Height of abut. is distance from bridge floor grade to bottom of footing, for spread ftg., and to top of piling for pile ftg.

13' CONCRETE ABUTMENT FOR 60' STEEL TRUSS, PLAN B-2-16 S-LT-7 16' ROADWAY

Louisiana State Highway Department
 State Board of Engineers
 NEW ORLEANS, LA. SCALE 1/2"=1 FT. JUNE 1921.

APPROVED:-
 STATE HIGHWAY ENGINEER.

DESIGNED BY:- H.F.T. - 4/21/21
 CHECKED BY:- W.H.N. - 4/28/21
 DRAWN BY:- A.R.P. - 4/27/21
 TRACED BY:- A.R.P. - 4/27/21
 REVISIONS:-