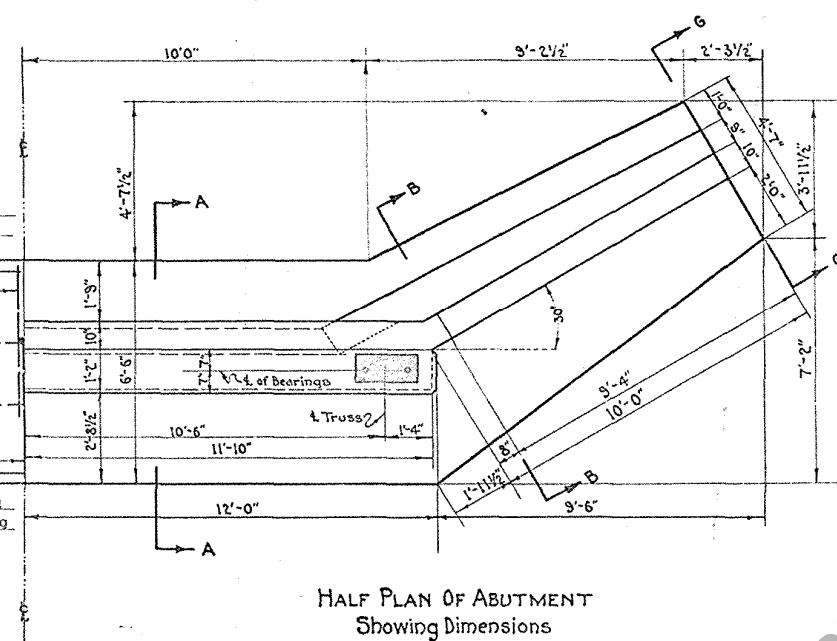
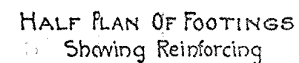
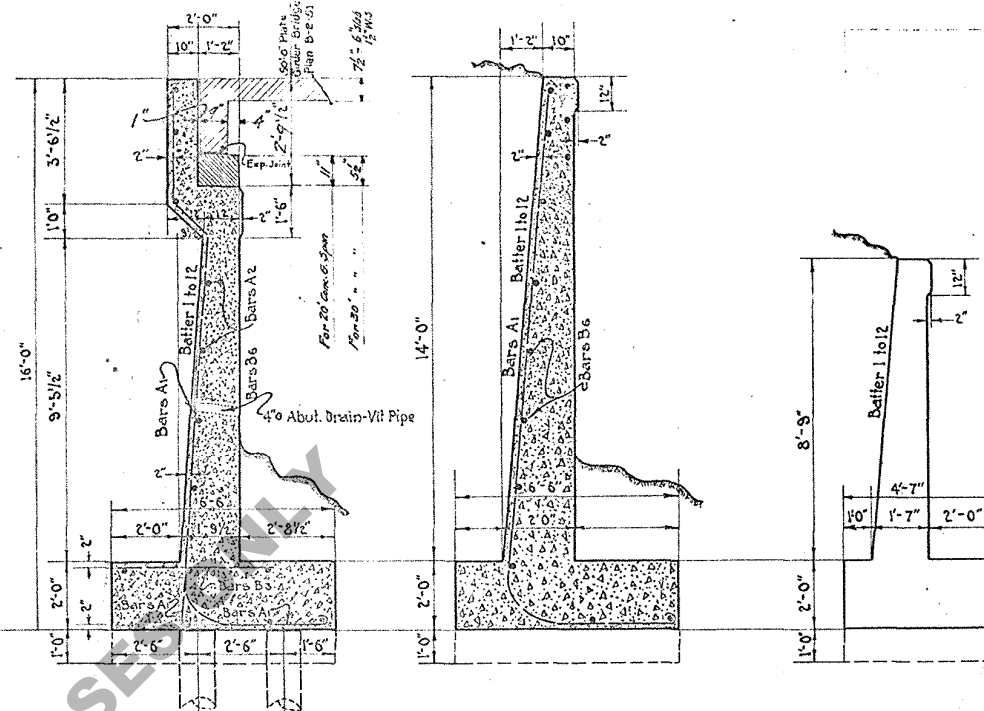




NOTE:-

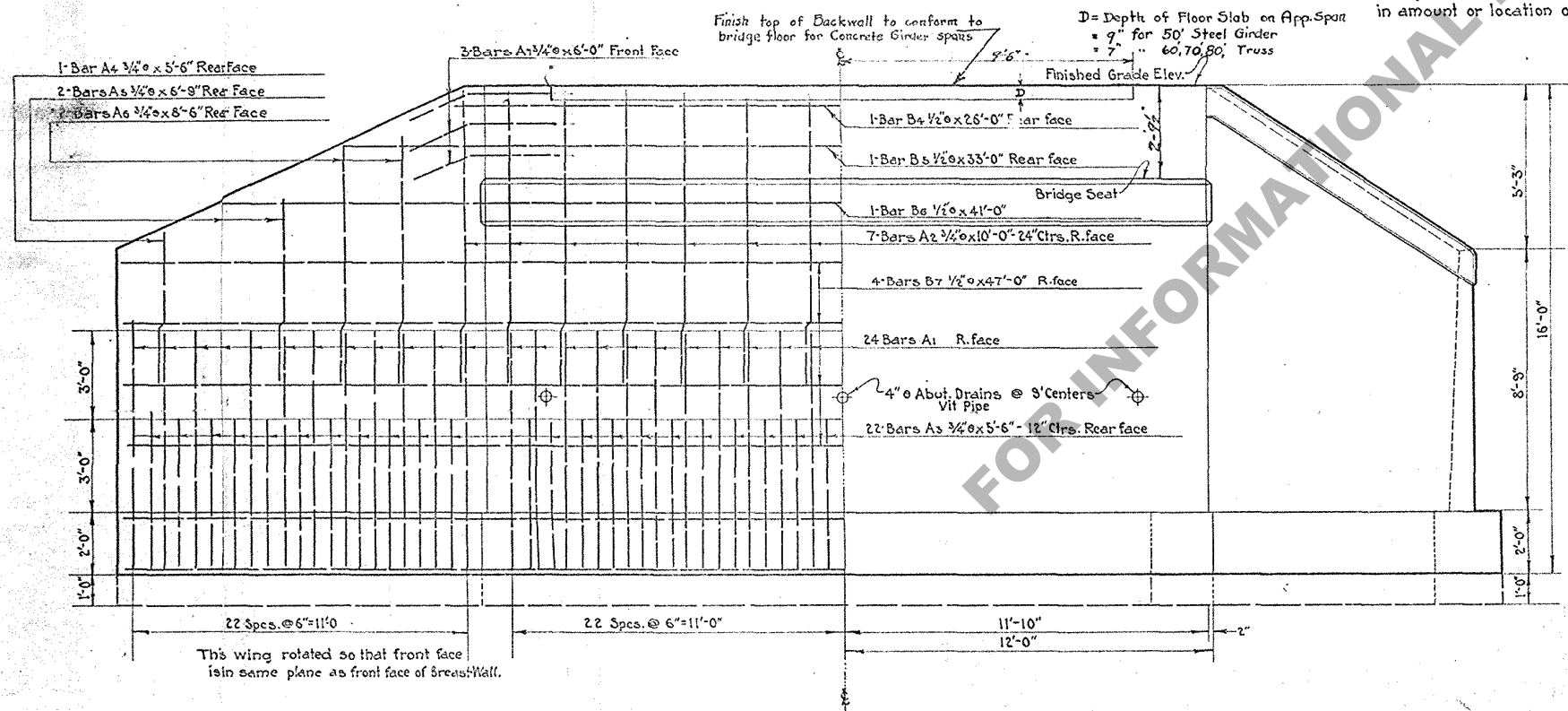
When safe bearing value of foundation soil is less than 2 tons per. sq. ft. add 12" to depth of footings as shown in Elevation and Sections and place Piling as shown on Pile Spacing Plan. No change in amount or location of Reinforcing Steel.



SEC.-A-A-

SEC.-B-B-

SEC.-G-G-



HALF FRONT ELEVATION
Showing Reinforcing

HALF FRONT ELEVATION
Showing Dimensions

BILL OF MATERIAL FOR ONE ABUTMENT						
REINFORCING STEEL						
No.	NAME	SIZE	UNIT LENGTH	TOTAL LENGTH	LOCATION	TOTAL WEIGHT
47	A1	3/8"	11'-6"	54'-0"	Vertical in Bottom of Abut. toe	
14	A2	"	10'-0"	14'-0"	" " Rear face of Abut. Wall	
44	A3	"	5'-6"	24'-0"	" " " " to footing	
2	A4	"	5'-6"	11'-0"	" " " " Wing wall	
4	A5	"	6'-8"	27'-0"	" " " " " "	
4	A6	"	8'-6"	34'-0"	" " " " " "	
6	A7	"	6'-0"	36'-0"	Horizontal in R. face Wing wall & Abut.	
				1030'-5"		154.8
6	B1	1/2"	22'-6"	135'-0"	Longitudinal in top & bott. of footings	
6	B2	"	11'-6"	69'-0"	" " Bottom Wing "	
15	B3	"	4'-6"	67'-6"	Transverse in top of Abut. footings	
1	B4	"	26'-0"	26'-0"	Horizontal in R. face of Abutment	
1	B5	"	33'-0"	33'-0"	" " " " " "	
1	B6	"	41'-0"	41'-0"	" " " " " "	
4	B7	"	47'-0"	188'-0"	" " " " " "	
				559'-6"		374
TOTAL						1922.2
3-Pcs. Vit Clay Pipe 4'0" x 1'-6" - Total Length 4'-6"						
Class A Concrete - 1:2:4 Mix. Co. Yds. 48.8						
For Pile Footings add 9.8 Cu. Yds. Conc. Total = 58.6 Cu. Yds.						
" " " " 26 Piling						
For Concrete Girder Deck - 20' Span - Add cap on bridge seat = 0.95 Cu. Yds.						

GENERAL NOTES:-

Specifications :- La. Hwy. Comm. 1922.
Concrete :- Class A - 1:2:4 Mix
Steel Reinf. :- Mild steel- Deformed bars
Chamfer all exposed edges $\frac{3}{4}$ "
Bridge seat to be floated and trowel finished.
Soil pressure for spread footings, 2 Tons per Sq. ft.
Surcharge assumed = 2'-0" Earth.
Superstructure reaction assumed = 5000# Lin. Ft.
Piles should be driven to bear a load of 15 Tons each.

S-P-G-1

REINFORCED CONCRETE ABUTMENT
16'-0" HIGH
FOR STEEL TRUSS BRIDGE
LOUISIANA HIGHWAY COMMISSION
Scale $\frac{3}{8}" = 1'-0"$ Except as noted

Dec 1223

Approved

Approved: J. M. Turner
State Highway Engineer

UC-9-1 (8-2-13)