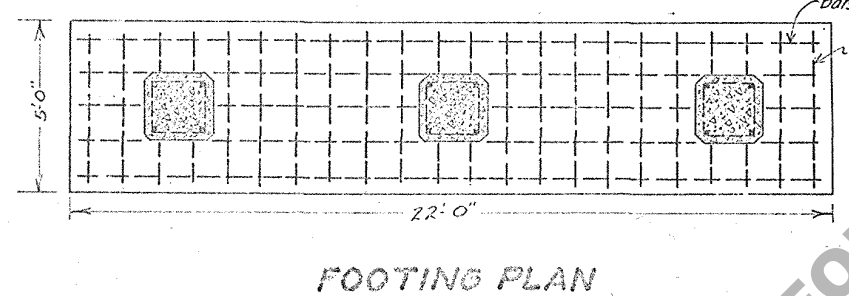


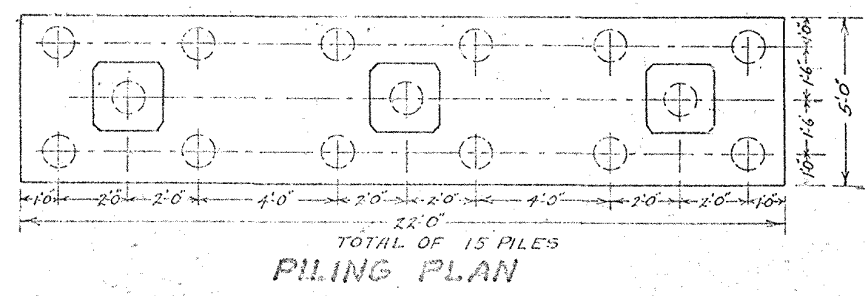
Load on Footing
Dead Load + Full Live Load
23'-0" Pier

16' Spans	1.0 Tons/ft
20' "	1.2 " "
26' "	1.4 " "
30' "	1.5 " "



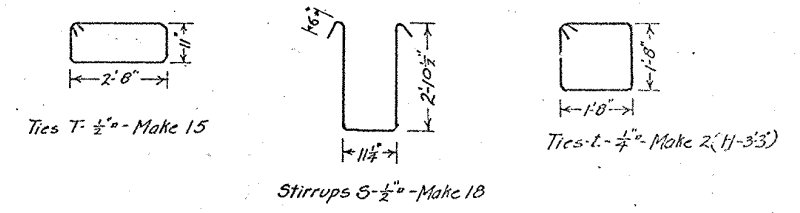
Load on Piling
Dead Load + Full Live Load
23'-0" Pier

16' Spans	8 Tons per pile
20' "	9 " "
26' "	10 1/2 " "
30' "	12 " "



BILL OF REINFORCING STEEL

Mark	Size	Length	No.
A	3/4"	23'-6"	3
B	3/4"	23'-6"	4
C	3/4"	26'-8"	2
D	3/4"	24'-2"	3
E	3/4"	2'-6"	20
T	1/2"	8'-0"	15
S	1/2"	7'-9"	18
H	1"	Height of pier	12
L	1/4"	7'-8"	12
F	1"	21'-6"	10
G	1"	4'-6"	4



QUANTITIES

Height	Concrete	Steel
Ft.-In.	Cu. Yds.	Lbs.
8'-0"	14.83	2570
10'-0"	15.72	2560
12'-0"	16.61	2740
14'-0"	17.50	2830
16'-0"	18.39	2920
18'-0"	19.28	3010
20'-0"	20.17	3100
22'-0"	21.06	3190
24'-0"	21.95	3270
26'-0"	22.84	3360
28'-0"	23.72	3450
PER YD. OF PILING	0.44	44

Example: Rec'd - 20.15 + 3.64 = 23.79
Steel remains in

1/2 pile fly conc. 1/2 lbs.

SPECIFICATIONS
Gen - La. State Highway Dept. Spec. 1921
Concrete to be class A - 1-2-4 mix.
Reinforcing to consist of deformed bars.
All dimensions relating to reinforcing bars are to center of bar.
Note that "height of pier with pile footing is from top of pier to top of piling."

CONCRETE BENT
HEIGHTS - 8'-0" - 26'-0"
FOR CONC. GIRDER SPANS - PLAN B-232

Louisiana State Highway Department
Board of State Engineers
NEW ORLEANS, LA. Scale 3/8" = 1'-0" DEC. 1921.

APPROVED: [Signature]
STATE HIGHWAY ENGINEER

(3-2-4) C-5-101

FOR INFORMATIONAL PURPOSES ONLY

DESIGNED: A.F. 12-7-21
DRAWN: A.F. 12-7-21
CHECKED:
REVISED: