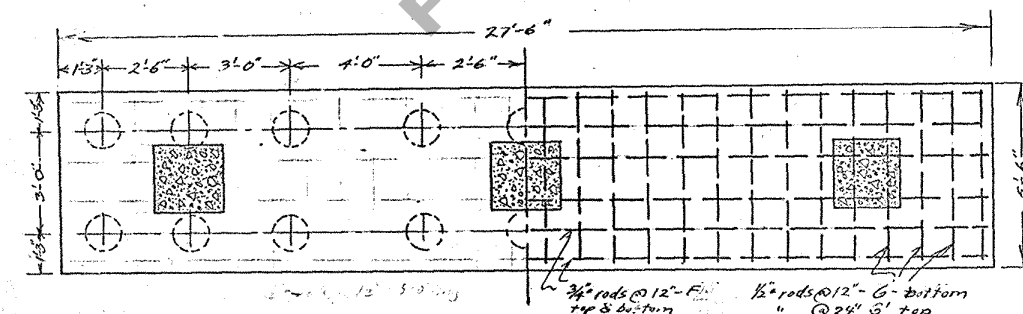
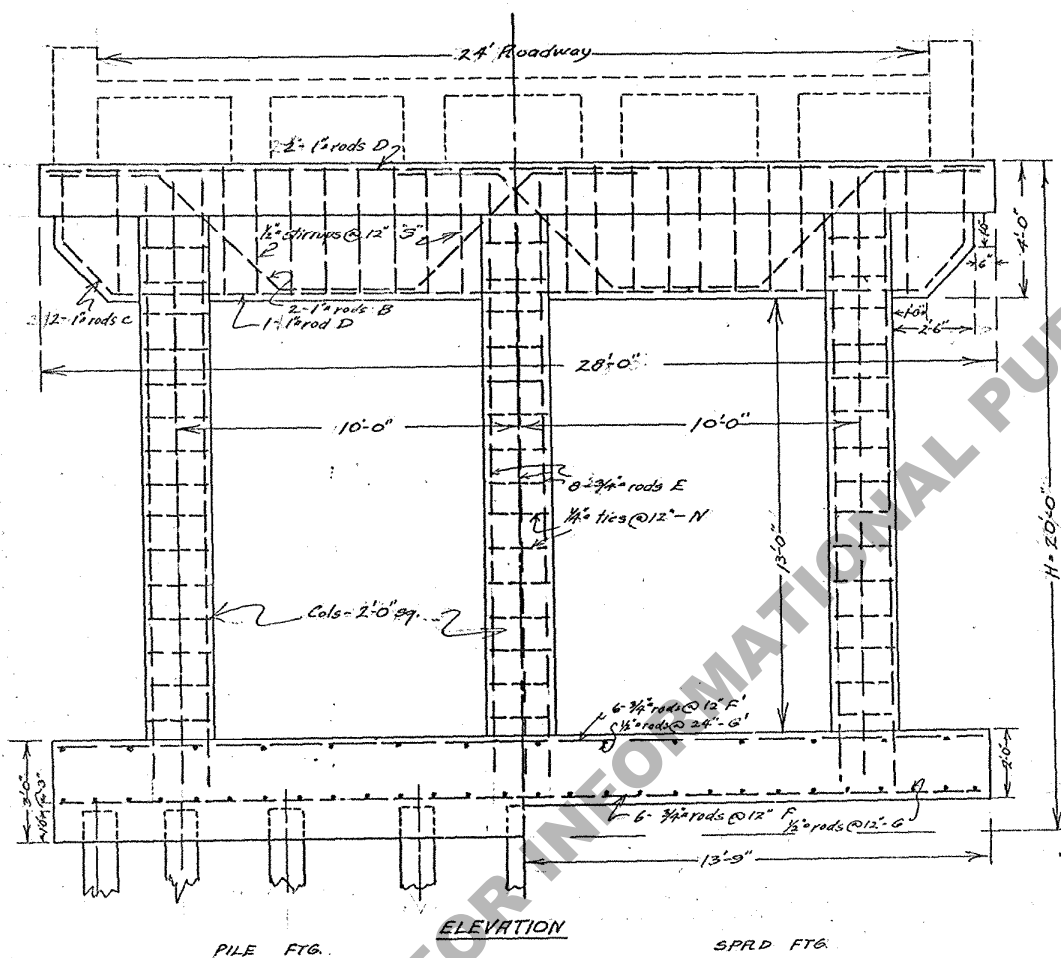
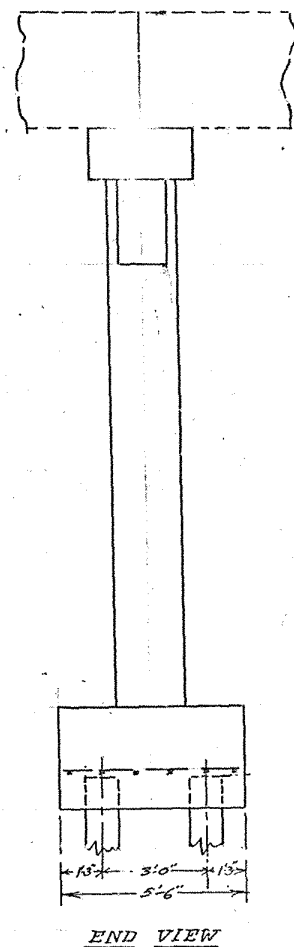


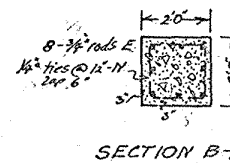
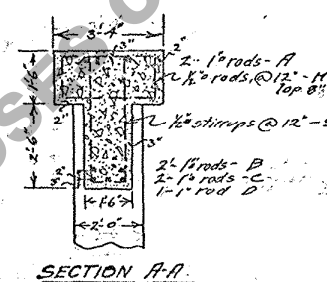


Reinforcement same as for spread ftg.

PILE FOUNDATION
18 Piles loaded to 12 tons each

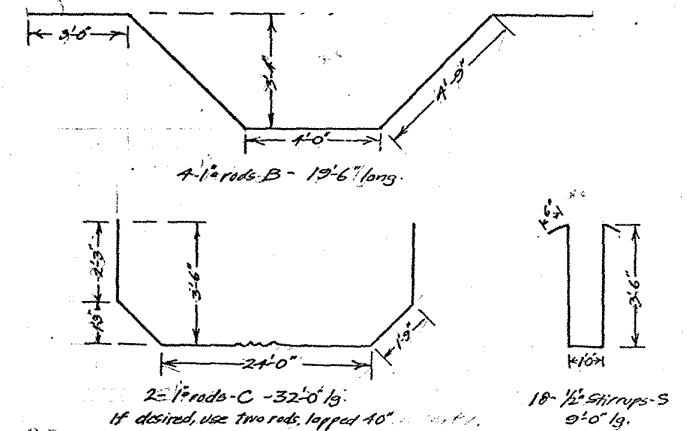
FOOTING PLAN

SPREAD FOUNDATION
Soil pressure limited to 1 1/4 tons per sq. ft.



SPEC:- La. State Hwy Dept. Std. Spec.

Design Data:-
Pier designed to carry 2-30' Cmc. girders Plan B-2-28
Dead Load:- Wgt. of structures + 80#/sq. ft. rdwy.
Live Load:- Two 15T. trucks + 80#/sq. ft. on remainder of rdwy.
Impact:- 30%
f_c = 4000# f_t = 650# shear on reinf. cmc. = 100#



REINFORCING SCHEDULE						
No.	Bar	Size	Length	Unit	Wgt.	Remarks
2	A	1"	27'-0"	3.40	184	Stirr.
4	B	1"	19'-6"	"	265	Bent
2	C	1"	32'-0"	"	218	"
1	D	1"	24'-0"	"	82	Stirr.
24	E	3/4"	18'-0"	1.91	825	"
12	F	3/4"	27'-0"	"	618	"
12	G	1/2"	5'-0"	0.85	179	"
24	H	1/2"	9'-0"	"	214	Bent
18	I	1/2"	6'-6"	0.21	61	"
18	J	1/2"	9'-0"	0.85	130	Stirrups
TOTAL - Steel					2701	Lbs.
TOTAL CONC. Spd. Ftg. -					21.03	Cu. Yds.
" " Pile Ftg. -					31.63	"

CONCRETE PIER
TO SUPPORT 2-30' GIRDERS PLAN (B-2-28) C-6-26-15
LA. STATE HIGHWAY DEPT.
BOARD OF STATE ENGINEERS
NEW ORLEANS, LA. SCALE: 3/8" = 1' MAY 21, 21.

APPROVED: [Signature]
STATE HIGHWAY ENGINEER