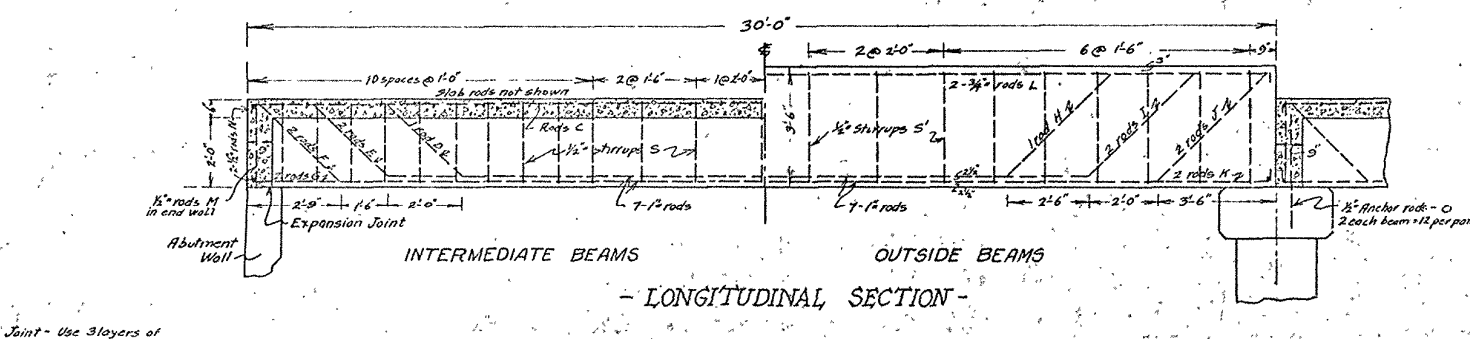
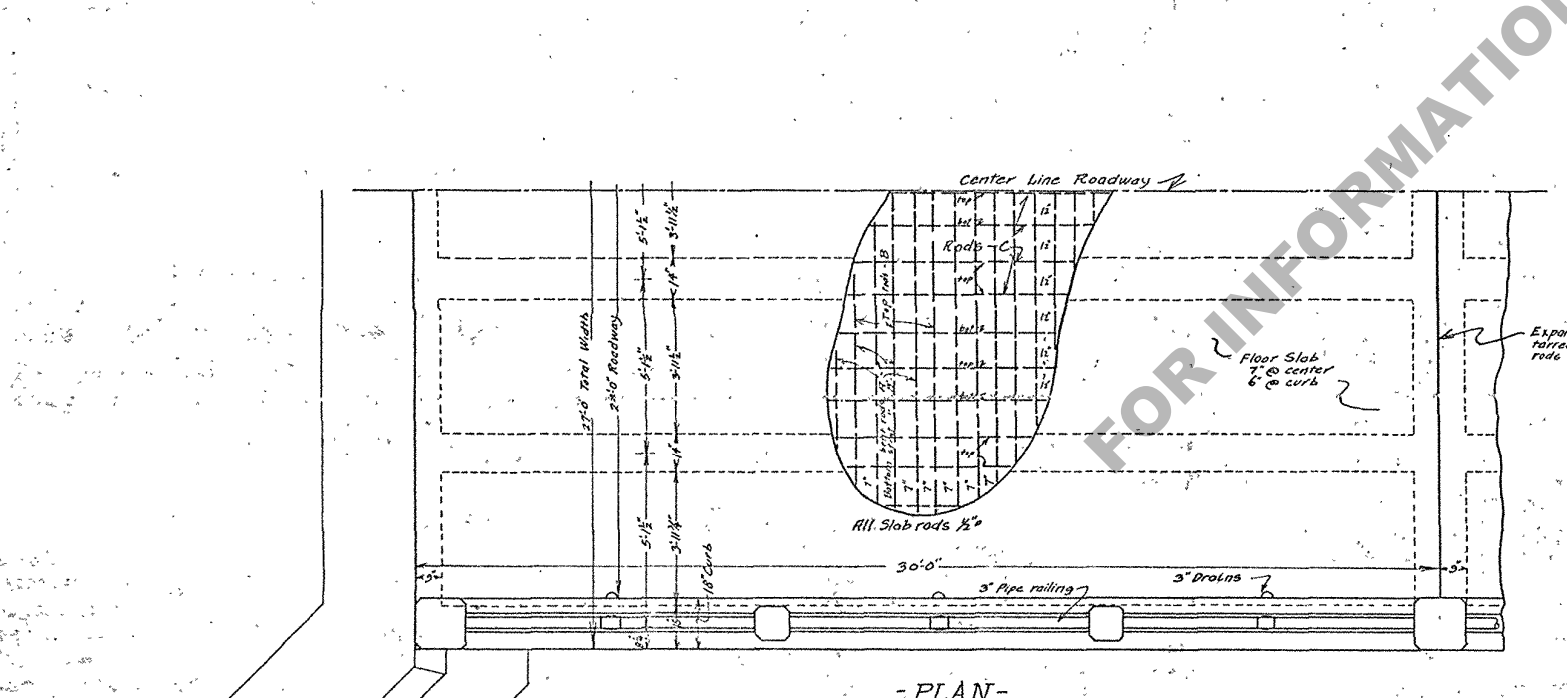
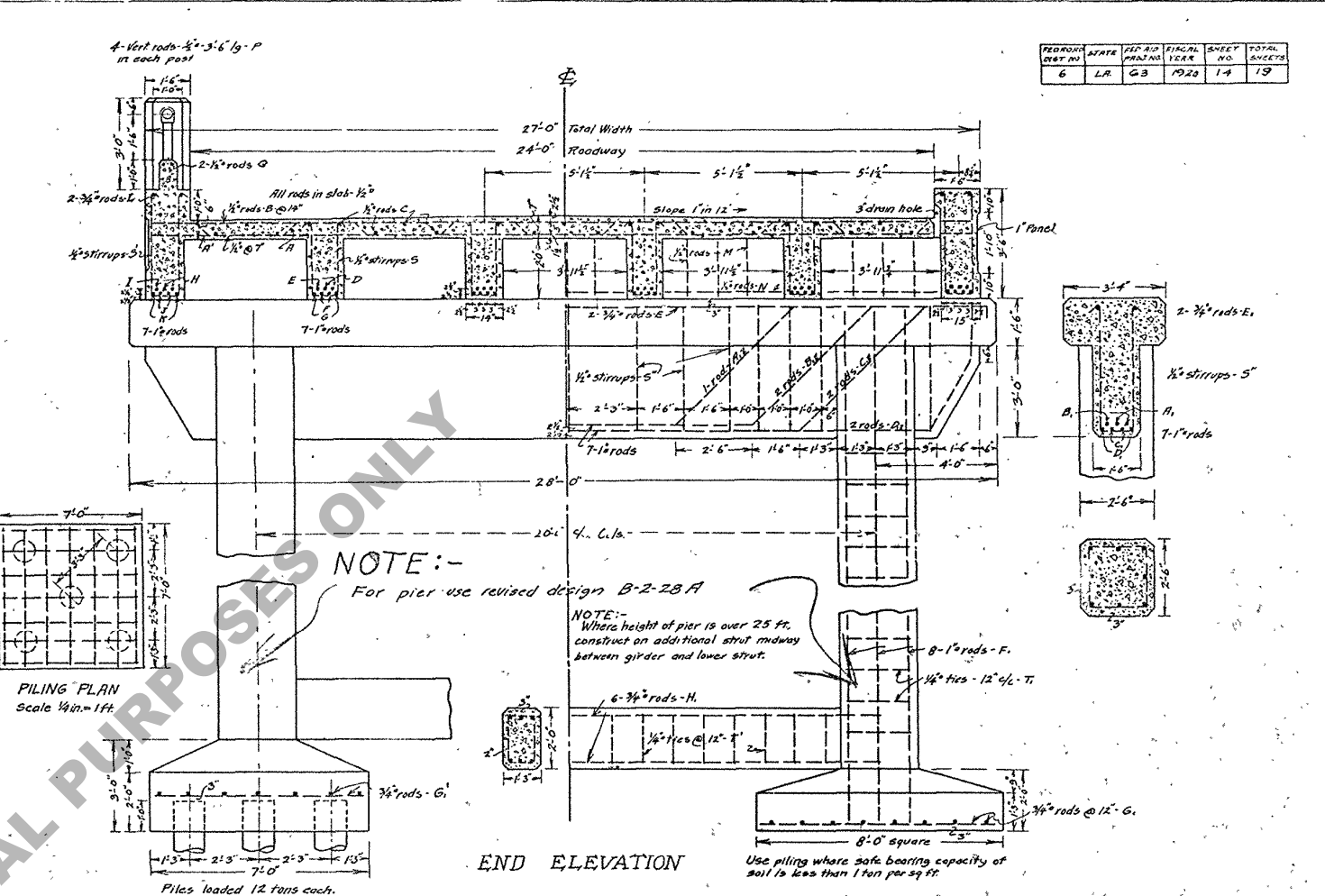
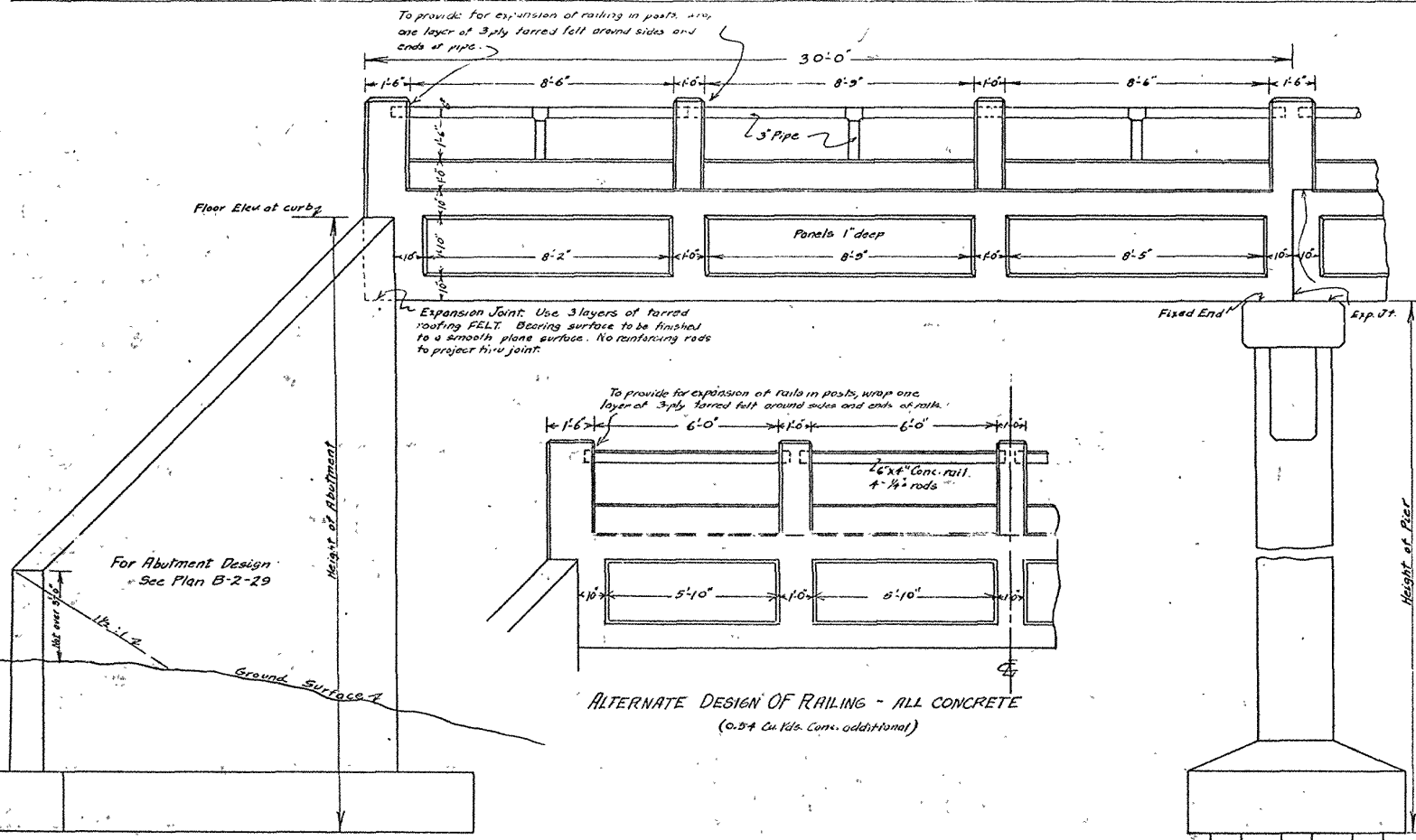




DESIGNED BY - W. F. SOUTHER
 TRACED BY - W. F. SOUTHER
 DATE - Feb. 16, 1931.

SPECIFICATIONS - La. State Hwy. Depts.
 LIVE LOAD - 2-15 Ton Trucks.
 IMPACT - 30%
 DEAD LOAD - Wgt. of structure and not over 50° per
 sq. ft. for full over floor.
 CONCRETE - All 1:2:4 mix.
 All exposed corners to be chamfered 3-4"
 Flats to carry safe load of 12 Tons each, as determined by Eng. News' formula
 Expansion Joint at each bent.
 Rk lengths as indicated on summary sheets are for estimating purposes only.

20' PIER					
Row	Size	No.	Length	Wdg.	Rear Pkts
A	1/2"	1	31'-8"	3.40	108 Root - Sex Parol
B	1/2"	2	31'-8"	2	216
C	1/4"	3	31'-10"	2	217 "
D	1/2"	2	32'-0"	2	218 "
E	1/2"	3	32'-1"	10.5	10.5
F	3/8"	15	10'-0"	0.85	12.8 Shitring
H	3/8"	6	20'-0"	1.91	22.9 In strut
I	1/4"	16	5'-6"	6.3	18 "
Guarantee				(92.39)	
F	1/2"	16	19'-0"	3.40	1034 In C's
T	1/4"	34	9'-0"	0.21	6.4 In C's
TOTAL - Spd. Ftg. 2795				5.67	25.6 Cu Yds. Conc.
F	1/4"	17	8'-0"	3.40	279 In Cals.
T	1/4"	32	9'-0"	0.21	6.4 "
G	1/4"	1.8	6'-6"	1.91	3.68 In Frg.
TOTAL				3.39	3.39
TOTAL - Pile Ftg. 3266.6					
PILING - 10 - 30 piers = 3000 Lin. Ft.					
Difference per ft bet 30 & 15' = 0.46 Cu Yds. Conc.					
Additional strut 24' 1/2' 15' = 1.0 Cu Yds. Conc.					

30' CONCRETE GIRDER BRIDGE
24' ROADWAY
LA. STATE HIGHWAY DEPT.
BOARD OF STATE ENGINEERS.
NEW ORLEANS, LA. SCALE 3/8" = 1 FT. FEB 1921.
APPROVED: _____ STATE HIGHWAY ENGINEER
C-G-21 (B-2-28)