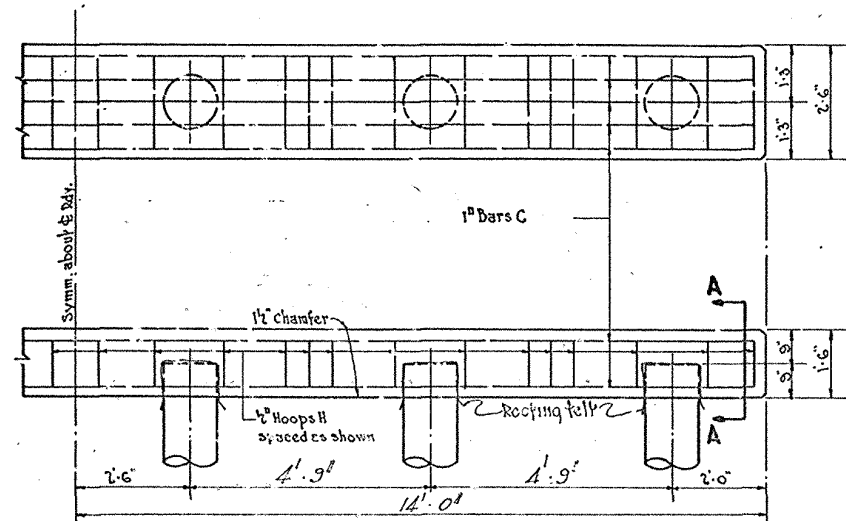
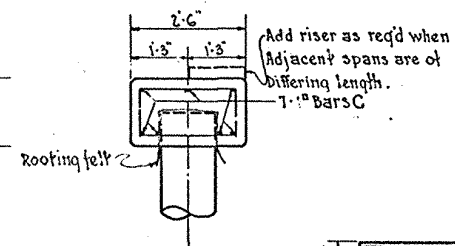


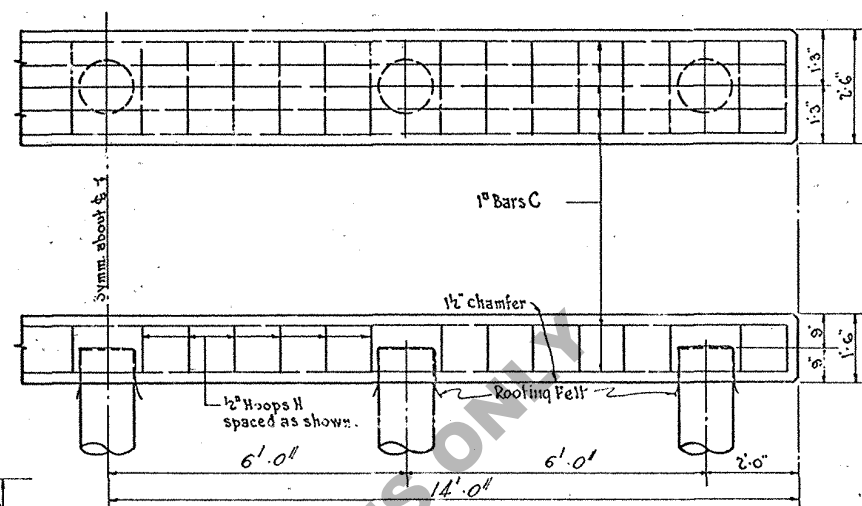


6 PILE INTERMEDIATE BENT



VIEW A-A

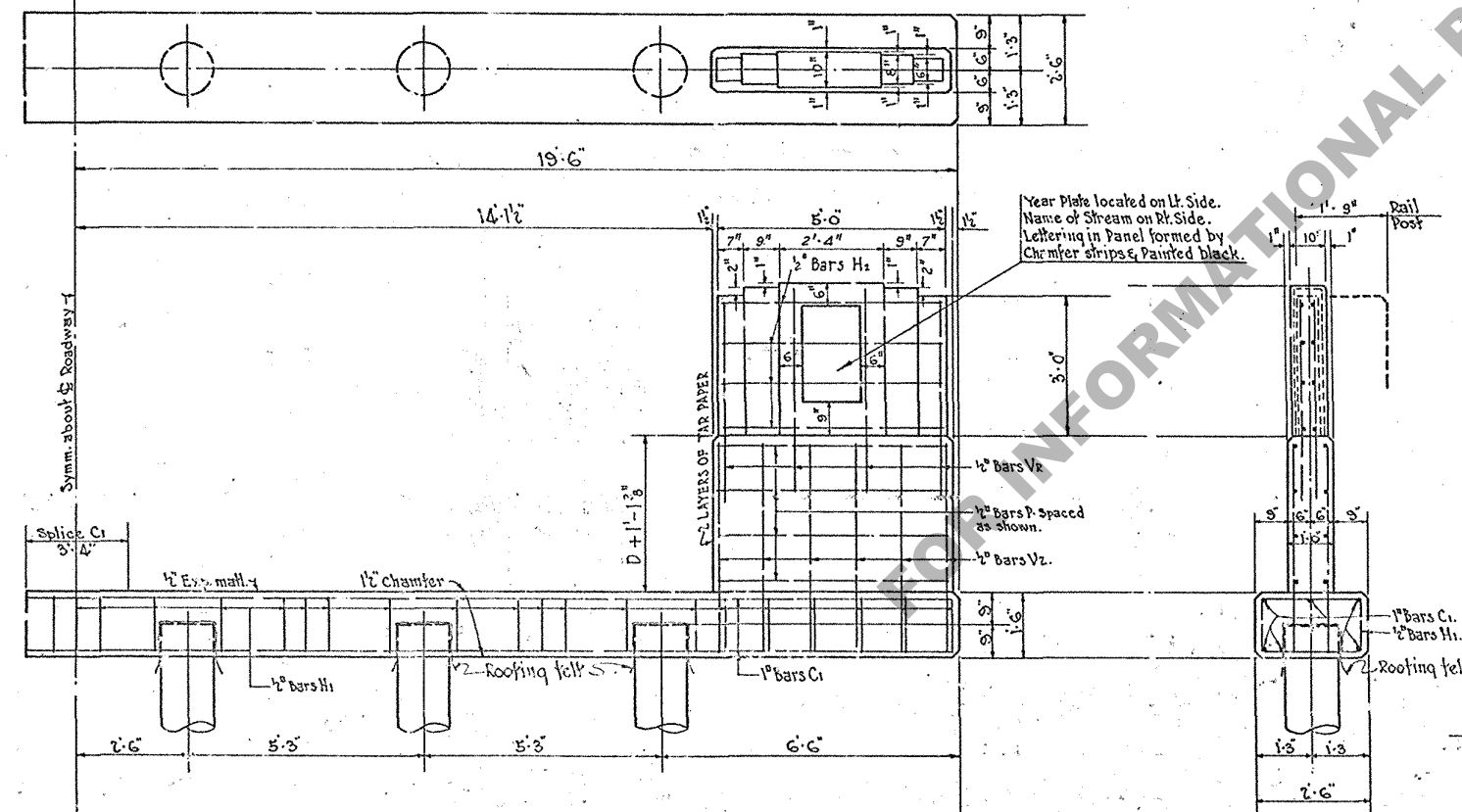
1/2" BARS H-H-T-6" LONG



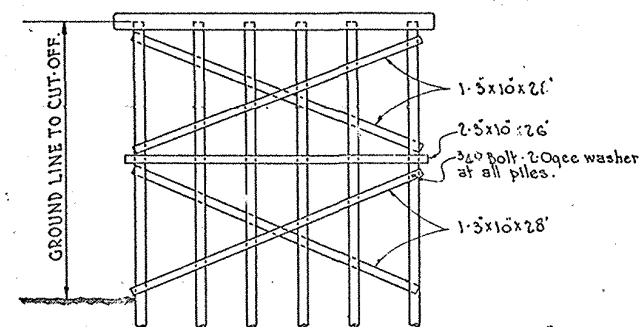
5 PILE INTERMEDIATE BENT.

SASH AND SWAY BRACING FOR ONE INTERMEDIATE BENT					
GROUND TO CUT-OFF		QUANTITIES FOR ONE BENT			
FEET	NO. OF SETS	LENGTH FEET	NO. OF PLANKS	LENGTH FEET	TOTAL F.B.M.
7'-8"	1	26.0	NONE	NONE	130
9'-11"	1	28.0	"	"	140
12'-17"	2	26.0	2	26.0	390
18'-24"	2	28.0	2	26.0	410

QUANTITIES FOR 1 INTERMEDIATE BENT					
BAR SIZE	NO.	UNIT	LGTH	TOTAL LGTH	LOCATION
C	1"	7	27.6	192.6	CAP
H	1/2"	28	7.6	210.0	"
TOTAL REINFORCING STEEL				833	Lbs.
TOTAL CLASS "A" CONC. 5 PILE BENT				3.78	CUYDS.
"				6	3.76



END BENTS



TYPICAL DETAIL OF SWAY AND SASH BRACING FOR 6 PILE INTERMEDIATE BENT

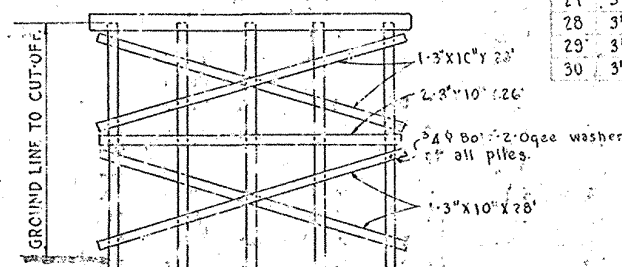
QUANTITIES FOR ONE END BENT					
BAR SIZE	NO.	UNIT	LGTH	TOTAL LGTH	LOCATION
H ₁	1/2"	39	7.6	292.6	CAP
H ₂	"	16	4.8	76.8	HANDRAIL
P	"	16	5.0	80.0	WING
V ₂	"	24	4.6	108.0	"
V ₃	"	16	4.6	72.0	HANDRAIL
C ₁	1"	14	20.10	279.3	CAP
TOTAL REINFORCING STEEL				1527	Lbs.

SEE TABLE BELOW FOR CLASS "A" CONCRETE

GENERAL NOTES:
Louisiana Highway Commission Specifications:
Concrete to be Class "A".
All dimensions of reinforcing steel are to bar centers.
All exposed surfaces to have Rubbed Finish.
All timber to be Crenosoted rough.
Cost of roofing felt to be included in Price bid on Concrete.
Class "A" Concrete 12" Dia. Piles Deducted.

DISTANCE D + 1'-1 1/2"		CLASS "A" CONCRETE FOR ONE END BENT	
SPAN	S.C. 33	S.C. 47	S.C. 33
16	3'-3 1/2"	3'-1 1/2"	7.35 CUYDS 7.32 CUYDS.
17	3'-3 1/2"	3'-1 1/2"	7.39 " 7.32 "
18	3'-3 1/2"	3'-1 1/2"	7.39 " 7.32 "
19	3'-3 1/2"	3'-1 1/2"	7.39 " 7.32 "
20	3'-3 1/2"	3'-1 1/2"	7.40 " 7.33 "
21	3'-3 1/2"	3'-1 1/2"	7.40 " 7.39 "
22	3'-5 1/2"	3'-3 1/2"	7.45 " 7.39 "
23	3'-5 1/2"	3'-3 1/2"	7.45 " 7.39 "
24	3'-5 1/2"	3'-3 1/2"	7.45 " 7.39 "
25	3'-5 1/2"	3'-3 1/2"	7.45 " 7.39 "
26	3'-5 1/2"	3'-3 1/2"	7.45 " 7.39 "
27	3'-5 1/2"	3'-3 1/2"	7.55 " 7.45 "
28	3'-8 1/2"	3'-5 1/2"	7.55 " 7.45 "
29	3'-8 1/2"	3'-5 1/2"	7.55 " 7.45 "
30	3'-8 1/2"	3'-5 1/2"	7.55 " 7.45 "

INTERMEDIATE BENT				END BENT			
Total Length of Adj. Piles	Spans	No. of Piles	Load per Pile	Total Length of Adj. Piles	Spans	No. of Piles	Load per Pile
40	5	13.3	13.3	40	5	13.3	13.3
45	"	14.2	14.2	45	"	14.2	14.2
50	"	15.1	15.1	50	"	15.1	15.1
55	"	15.6	15.6	55	"	15.6	15.6
60	"	16.3	16.3	60	"	16.3	16.3



TYPICAL DETAIL OF SWAY AND SASH BRACING FOR 5 PILE INTERMEDIATE BENT

STANDARD PLAN END & INTERMEDIATE BENTS TIMBER PILES 24' ROADWAY FOR STD. PLAN S.C. 33 & S.C. 47					
LOUISIANA HIGHWAY COMMISSION					
BATON ROUGE, LA. MARCH 1936					
DESIGNED BY	CHECKED BY	IN CHARGE OF	APPROVED BY	DATE	REVISION
J.H.H.	J.H.H.	J.H.H.	J.H.H.		