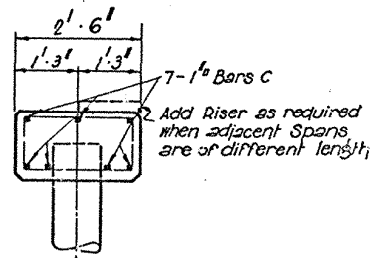
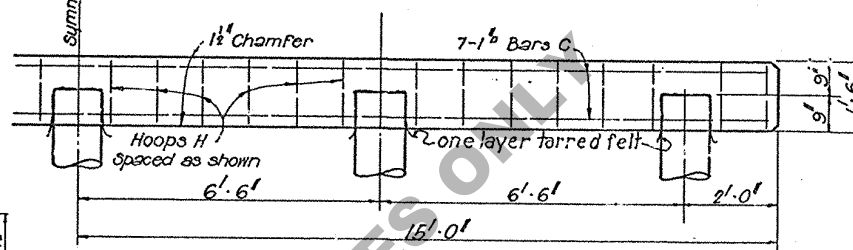
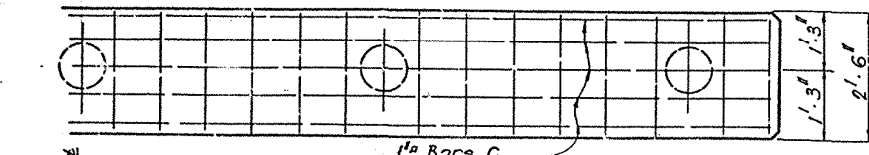


6 Pile INTERMEDIATE BENT

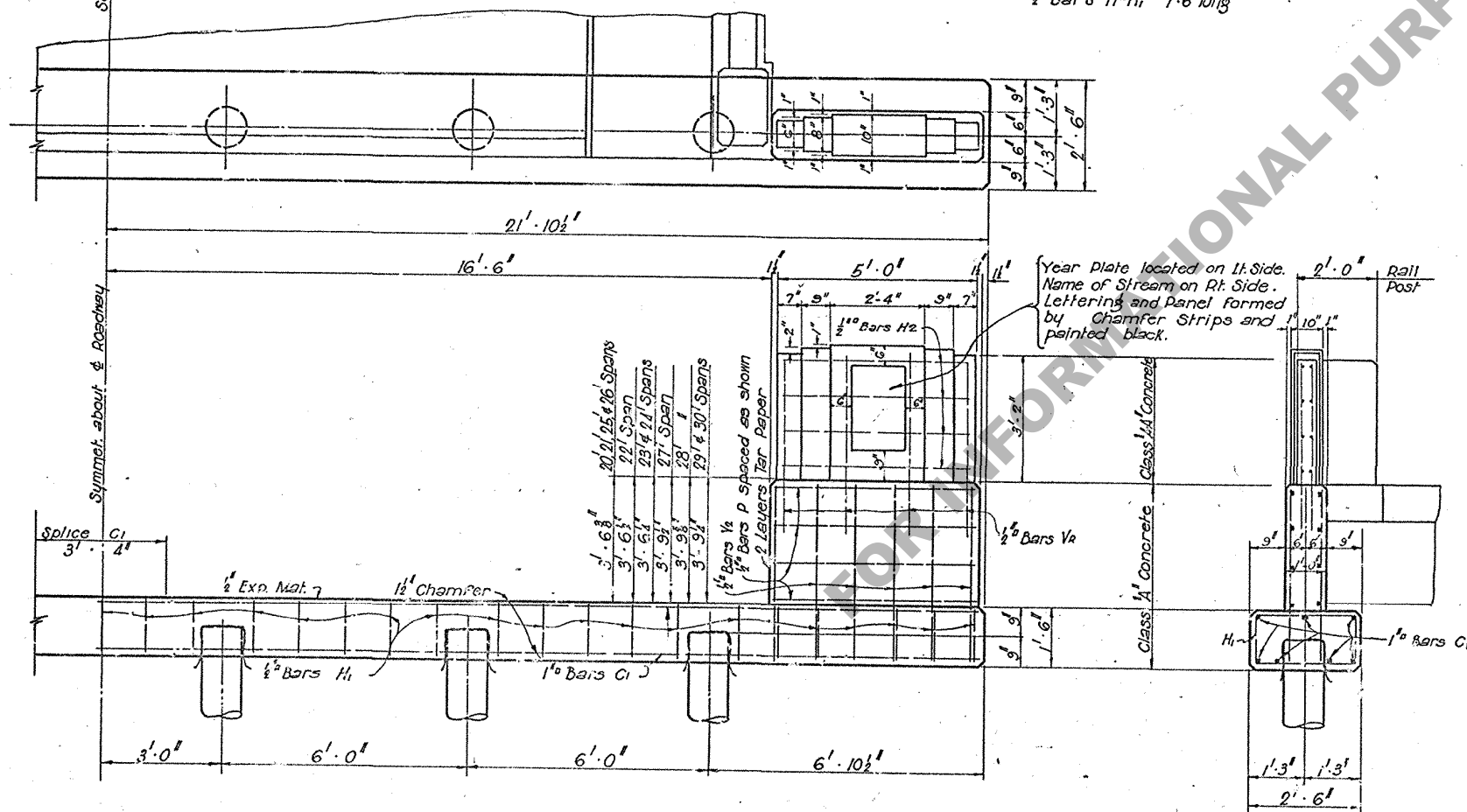


View A-A

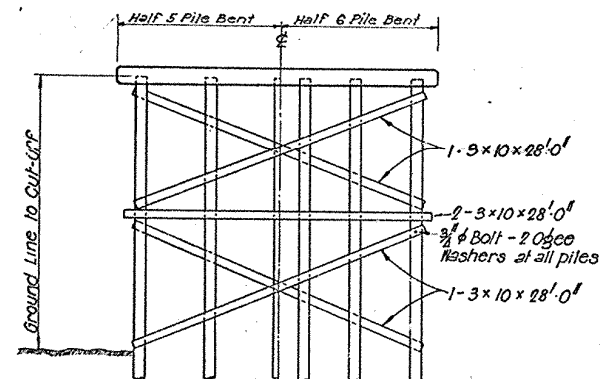


5 Pile INTERMEDIATE BENT

1/2 Bars H-H, 7'-6" long



END BENTS



TYPICAL DETAIL OF SWAY AND SASH BRACING FOR ALL INTERMEDIATE BENTS

General Notes

Louisiana Highway Commission Specifications.
Concrete to be Class "A" in Cap. Class "A-A" in Handrail.
All dimensions of reinforcing steel are to bar centers.
All exposed surfaces to have "rubbed finish".
All timber to be creosoted rough.
All pile heads to be covered by one layer of tarred felt.
12" Piles used for calculating concrete quantities.

SASH AND SWAY BRACING FOR ONE INTERMEDIATE BENT

QUANTITIES FOR ONE BENT

FEET	No. of Sets	LENGTH Feet	No. of Planks	LENGTH Feet	TOTAL F.B.M.
7'-0" - 11'-0"	1	28'-0"	None	None	140
12'-0" - 24'-0"	2	28'-0"	2	28'-0"	420

QUANTITIES For 1 INTERMEDIATE BENT

Bar Size	No.	Unit Lgh	Total Lgh.	Location
C 1"	7	29'-6"	206'-6"	Cap
H 1/2"	28	7'-6"	210'-0"	"

Total Reinforcing Steel 830 Lbs.
Total Class "A" Conc 5 Pile Bent 4.06 Cu. Yds.

QUANTITIES FOR ONE END BENT

Bar Size	No.	Unit Lgh	Total Lgh.	Location
H 1/2"	39	7'-6"	292'-6"	Cap
H 1/2"	16	4'-8"	71'-8"	Handrail
P "	16	5'-0"	80'-0"	Wing
V 1/2"	24	4'-6"	108'-0"	"
V 1/2"	16	4'-3"	68'-0"	Post
C 1"	14	23'-3"	325'-6"	Cap

Total Reinforcing Steel 1637 Lbs.
Class "A-A" Concrete 0.88 Cu. Yds.
TOTAL CLASS "A" CONCRETE

20' to 26' Spans 7.31 Cu. Yds.
27' to 30' Spans 7.12 " "

INTERMEDIATE BENTS				END BENTS			
Total Length of Adjacent Spans - Ft.	No. of Piles	Per Bent	Load per Pile - TONS	Length of Span - Feet	No. of Piles	Per Bent	Load per Pile - TONS
40	5		13.3	20	5		10.6
45	6		13.8	25	6		11.2
50	6		13.8	25	6		11.6
55	6		13.8	27	6		12.2
60	6		16.1	30	6		12.8

A: LOAD ON END BENT

STANDARD PLAN
END & INTERMEDIATE BENTS
TIMBER PILES
24'-0" ROADWAY
FOR STANDARD PLAN S.C. 46

LOUISIANA HIGHWAY COMMISSION			
BATON ROUGE, LA. Feb 1936			
DESIGNED BY	DETAILED BY	CHECKED BY	IN CHARGE OF
ROBERT H. HAY	WILLIAM J. HAY	WILLIAM J. HAY	WILLIAM J. HAY

4-7-36	Hand Rail - Bracing Diagram	M.D.H.
8-18-36	Part of Plan	C.M.H.
10-10-36	SWAY & SASH BRACING	W.J.H.
4-27-36	THREE PILE JOINTS	W.J.H.
10-1-36	General	W.J.H.
DATE	DESCRIPTION	BY
	REVISIONS	