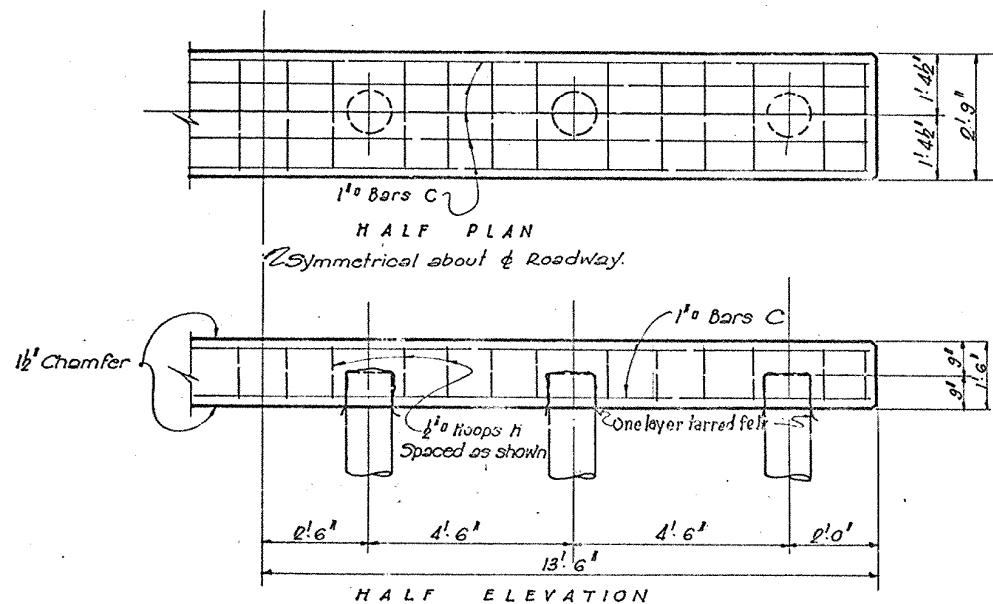
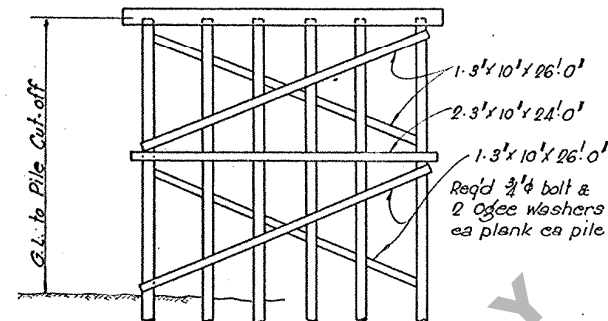
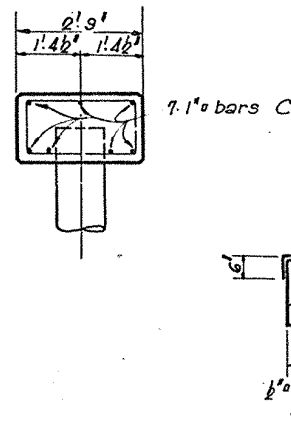




INTERMEDIATE BENT

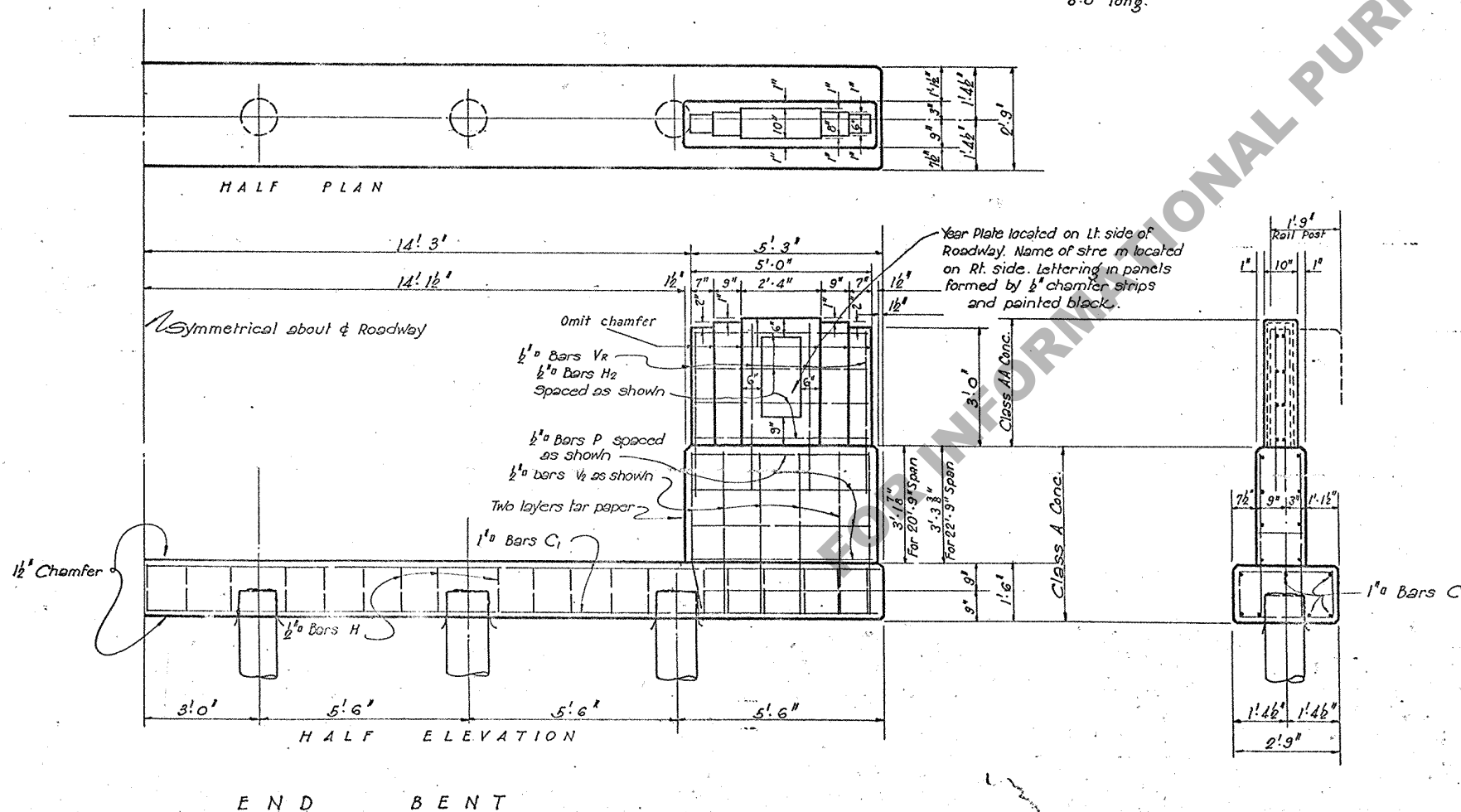


TYPICAL DETAIL OF SWAY & SASH BRACING ALL INTERM. BENTS

SASH AND SWAY BRACING FOR ONE INTERMEDIATE BENT					
QUANTITIES FOR ONE BENT					
Ground Line to Cut Off	Nº of Sash bracing	3' x 10' Sash bracing	Nº of Sash bracing	3' x 10' Sash bracing	Total F.B.M.
Feet	Nº of Sels	Length Feet	Nº of Planks	Length Feet	
1 to 11	1	26'-0"	None	-	130
12 to 24	2	26'-0"	2	24'-0"	380

QUANTITIES FOR ONE INTERMEDIATE BENT					
Bar	Size	Nº	Unit Lg.	Total Lg.	Location
C	1"	7	26'-6"	185'-6"	Longit. Cap
H	1/2"	24	8'-0"	192'-0"	Cap hoops
Total Reinforcing Steel					194 Pounds
Total Class A Concrete *					3.39 Cu. Yds.

Average Pile Load on Interm. Bent:
 20'-9" Span 13 tons
 22'-9" Span 14 tons



END BENT

QUANTITIES FOR ONE END BENT					
Bar	Size	Nº	Unit Lg.	Total Lg.	Location
H	1/2"	37	8'-0"	296'-0"	Cap hoops
H ₂	"	16	4'-8"	14'-8"	Handrail
P	"	16	5'-0"	80'-0"	Wing
V ₂	"	24	4'-3"	102'-0"	"
V _R	"	16	4'-6"	72'-0"	Handrail
C ₁	1"	7	38'-6"	269'-6"	Cap. longit.
Total Reinforcing Steel					1447 Pounds
Total Class AA Concrete					0.83 Cu. Yds.
~ TOTAL CLASS A CONCRETE					
20'-9" Span * 7.06 Cu. Yds.					
22'-9" Span * 7.10 Cu. Yds.					

Average Pile Load for End bent:
 20'-9" Span 13 tons
 22'-9" Span 14 tons

* For estimating purposes pile butts were assumed 12" dia

GENERAL NOTES:
 Specifications Louisiana Highway Commission
 Concrete in Caps and wings to be Class A.
 All dimensions to reinforcing steel are to bar ctrs.
 All exposed surfaces to have "Rubbed" Finish.
 All exposed corners to have 3/4 inch chamfer unless noted.
 All timber to be rough & Creosoted.
 All pile heads to be covered by one layer of tarred felt.

STANDARD PLAN
 END AND INTERMEDIATE BENTS FOR
 TIMBER PILES
 24'-0" ROADWAY
 FOR USE WITH STANDARD PLAN C.G. 41-15

LOUISIANA HIGHWAY COMMISSION
 BATON ROUGE, LA. November 1935

DESIGNED *W. H. H. H.* TRACED *W. H. H. H.*
 CHECKED *W. H. H. H.* CHECKED *W. H. H. H.*
 IN CHARGE OF *W. H. H. H.* BRIDGE DESIGNING ENGINEER