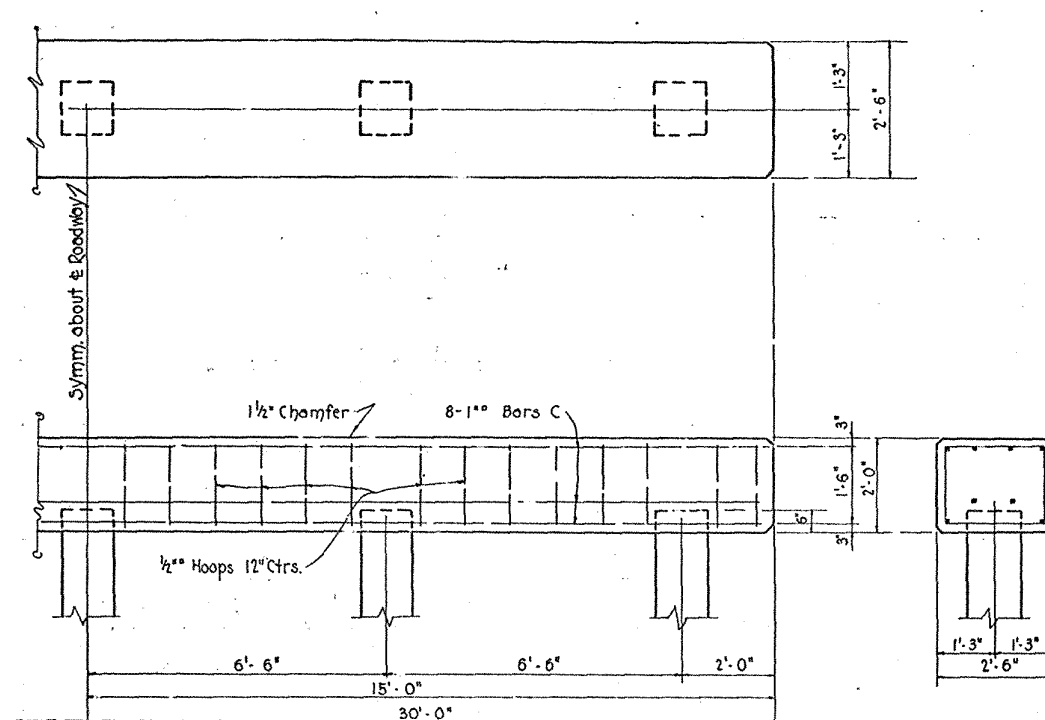
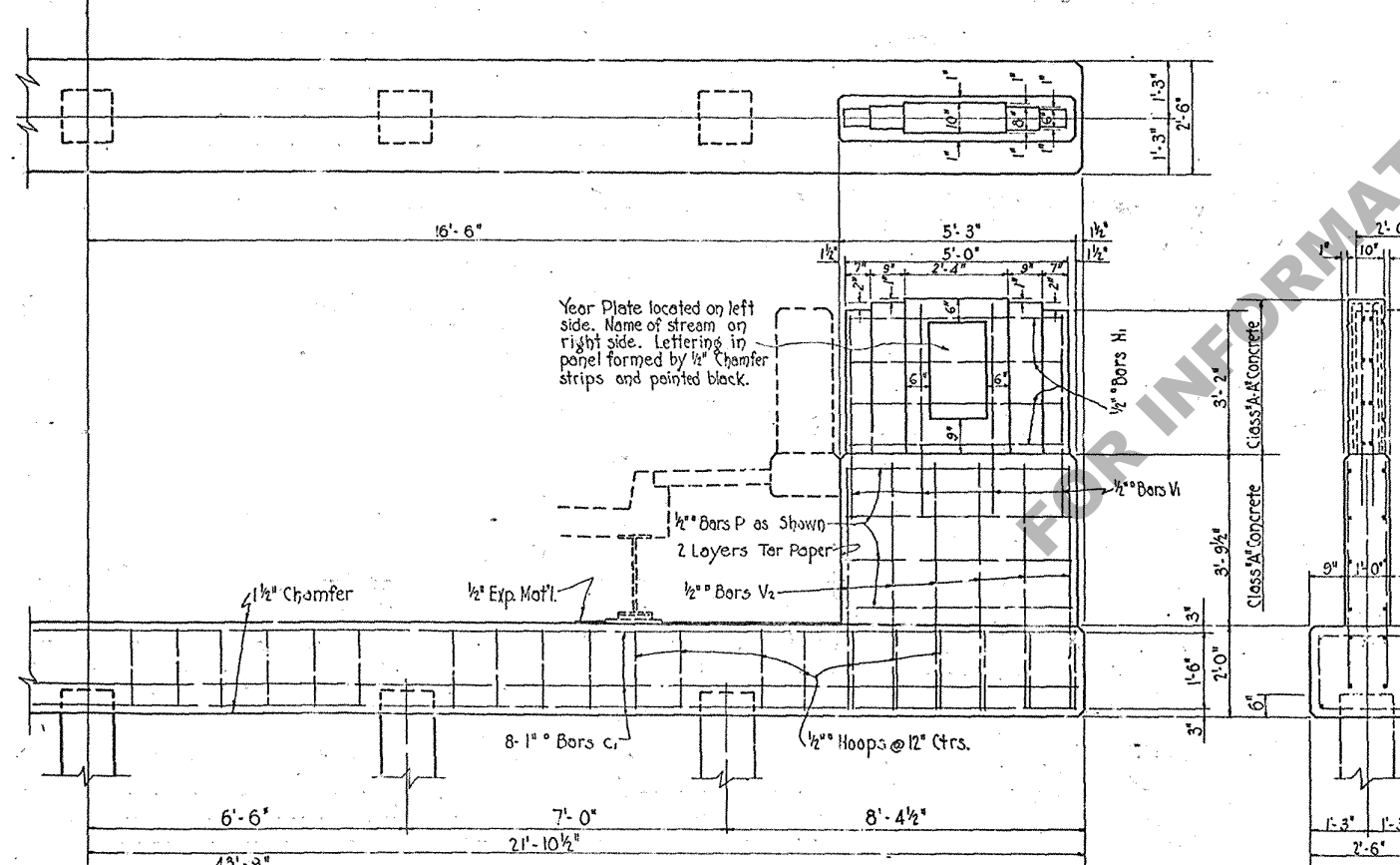


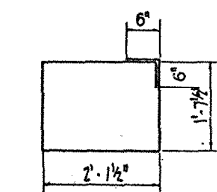


INTERMEDIATE BENTS

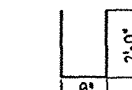
END VIEW



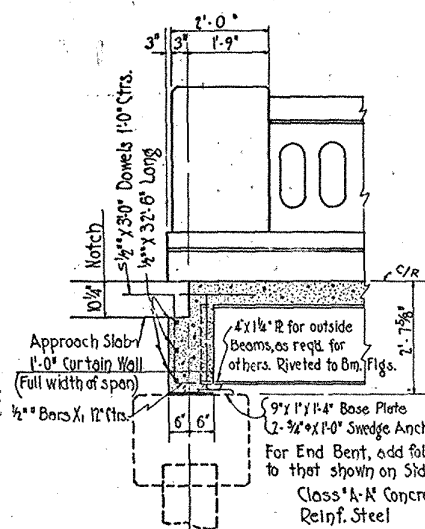
END BENT



1/2" BARS H-8'-6" Long



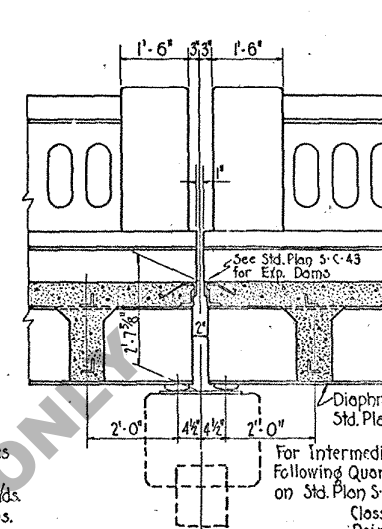
1/2" BARS X-5'-6" Long



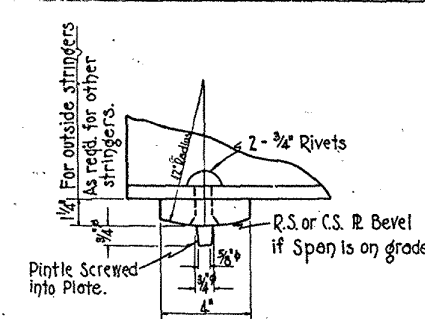
END BENT

CONNECTION DETAILS

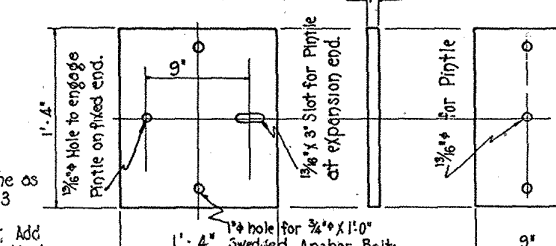
FOR DETAILS OF SPAN-SEE STD. PLAN S-C-43-15



INTERMEDIATE BENT



DETAIL OF ROCKER



FOR INTERMEDIATE BENT

FOR END BENT

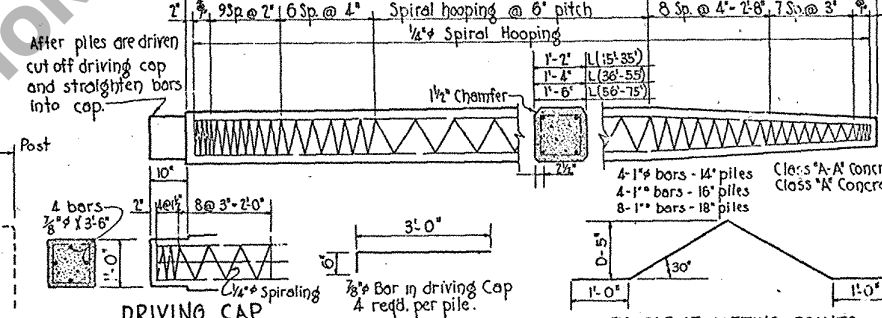
DETAIL OF BASE PLATES

L - Length of Pile		
Variable	5'-0" tapered point	
.195 L	.557 L	.248 L
.162 L	.324 L	.324 L
.162 L	.324 L	.324 L
		.190 L
		.180 L

Piles to be marked at these points to indicate location of pick up points.

APPROXIMATE PILE QUANTITIES					
PILE LENGTHS	Total-Driving Cap Concrete Cu. Yds.	Variable Part per lin. ft. Reinf. Steel Pounds	Total-Tapered Point Concrete Cu. Yds.	Reinf. Steel Pounds	
15' to 35'	0.031	36	.051	12	0.170 65
36' to 55'	0.031	38	.070	15	0.204 106
56' to 75'	0.031	39	.083	20	0.250 236

* Includes 7/8" bars at lifting points.



DRIVING CAP

7/8" BAR AT LIFTING POINTS 6 Req'd. per 16' pile & per 16' pile

ARRANGEMENT OF BLOCKS FOR LIFTING PILES

QUANTITIES FOR END BENT					
BAR	Nº	SIZE	UNIT LGTH.	TOTAL LGTH.	LOCATION
H	40	1/2"	8'-6"	340'-0"	Hoops in cap
H	16	1/2"	4'-8"	74'-8"	Hand Rail
V1	16	1/2"	4'-6"	72'-0"	Hand Rail
V2	24	1/2"	5'-3"	126'-0"	Wing
P	15	1/2"	5'-0"	80'-0"	Wing
C1	16	1"	23'-6"	376'-0"	Cap
Total Reinf. Steel			187.7 Lbs.		
Total Class "A-A" Concrete			0.88 Cu. Yds.		
Total Class "A" Concrete			9.45 Cu. Yds.		
Load on Piles			= 22.1 Tons		

QUANTITIES FOR INTERMEDIATE BENT					
BAR	Nº	SIZE	UNIT LGTH.	TOTAL LGTH.	LOCATION
C	8	1"	29'-4"	236'-0"	Cap
H	28	1/2"	8'-6"	238'-0"	Cap
Total Reinf. Steel			1005 Lbs.		
Total Class "A" Concrete			5.43 Cu. Yds.		
Load on Piles			= 27.8 Tons		

GENERAL NOTES

Specifications: Louisiana Highway Commission
concrete to be Class "A" in cap, class "A-A" in handrail
All dimensions relating to Reinf. Steel are to bar centers
All exposed surfaces to have "Rubbed Finish"
Concrete Quantities shown are for 14" Piles deducted.

STANDARD PLAN			
REIN. CONCRETE BENTS FOR 40'-I-BEAM SPANS			
24'-0" ROADWAY, 3'-0" SIDEWALKS			
TO BE USED WITH STANDARD PLAN S-C-43-15			
LOUISIANA HIGHWAY COMMISSION			
BATON ROUGE, LA. JANUARY 1936			
DESIGNED BY	CHECKED BY	TRACED BY	
3-24-38 Handrail Panel for End Bent			
DATE	DESCRIPTION	BY	
	REVISIONS		