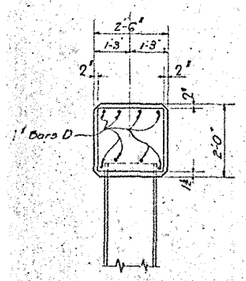
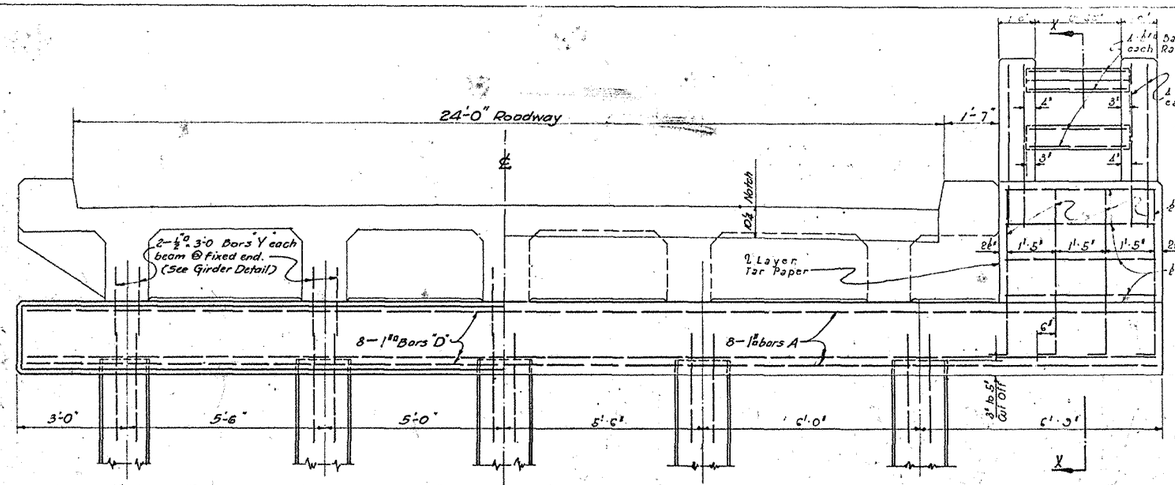
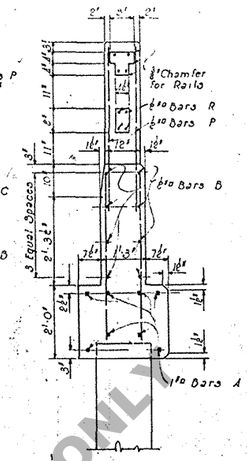


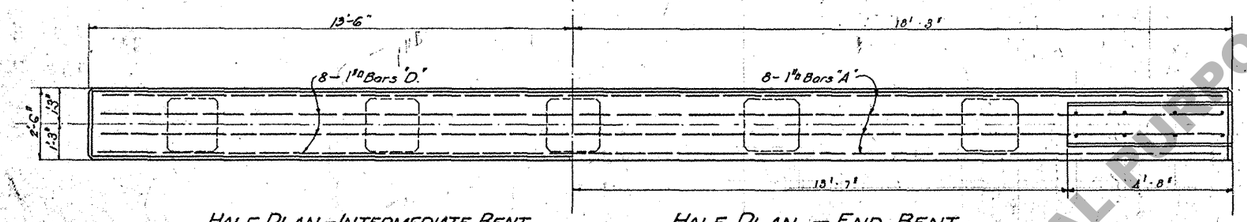


HALF ELEVATION - INTERMEDIATE BENT

HALF ELEVATION - END BENT.



SECTION X-X



HALF PLAN - INTERMEDIATE BENT

HALF PLAN - END BENT

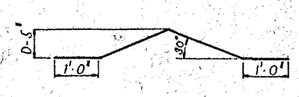
BILLS OF MATERIAL - CAPS

ONE END BENT CAP.

MARK	SIZE	NO.	Unit Length Ft.	Unit Length In.	Total Length Ft.	Total Length In.	LOCATION
A	1" ø	8	36	1	288	8	Cap
Total 1" ø Bars					235' - 8"		388 Lbs.
B	½" ø	16	4	1	69	4	Horizontal in Riser
C	"	16	4	11	76	8	Vertical in Riser
P	"	16	2	6	72	0	Post
R	"	16	3	0	48	0	Rail
Total ½" ø Bars					268' - 0"		223 Lbs.
Total Reinforcing Steel -							1210 Lbs.
Total Class "A" Conc - 8.00 Cu Yds - Class "A-A" - 0.72 Cu Yds.							

ONE INTERMEDIATE BENT CAP.

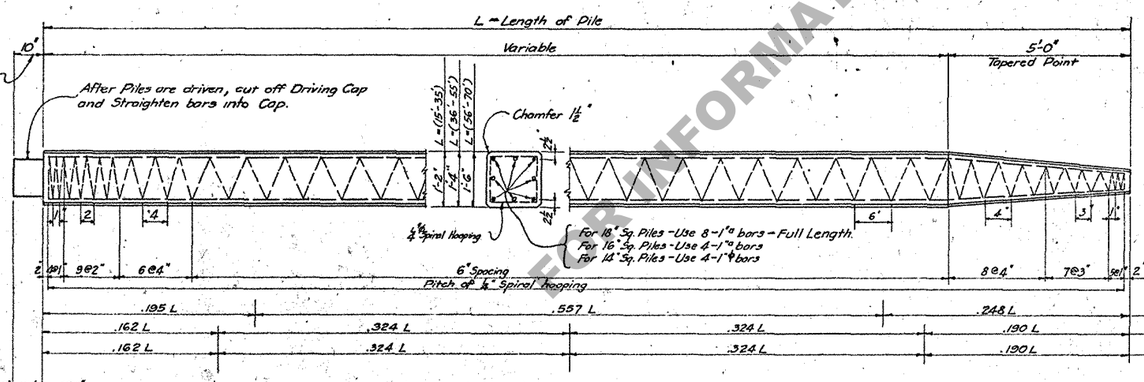
D	1" ø	8	26	8	213	4	Cap
Total Reinforcing Steel					213' - 4"		725 Lbs.
Class "A" Concrete							5.00 Cu. Yds.



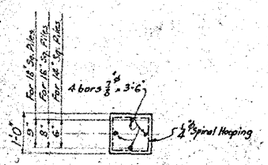
Detail of 7/8" ø Bar at lifting point.
6 required per pile for 16" and 18" Piles.

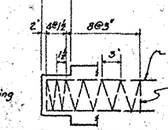
GENERAL NOTES

Louisiana Highway Commission Specification 1923
Concrete to be Class "A" in Cap and Riser,
Handrail to be Class "A-A"
All Reinforcing Steel to be deformed Bars.
Square twisted Bars not considered as deformed
All dimensions of Reinforcing are to bar centers
No direct Payment will be made for Reinforcing
Steel in Concrete Piling
The price bid per Linear foot of piling shall include
the Cost of furnishing and placing all Material for same.

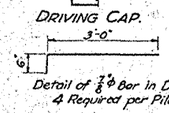


Piles to be marked at these points to indicate location of lifting slings.





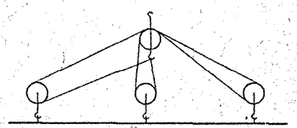
DRIVING CAP.



Detail of 7/8" ø Bar in Driving Cap.
4 Required per Pile

APPROXIMATE QUANTITIES --- FOR PILES						
Pile Lengths	Driving Cap Total		Variable Part Per Lin. Ft.		Tapered Point Total	
	"A" Concrete Cu. Yds.	Reinf. Steel Lbs.	Concrete Cu. Yds.	Reinf. Steel Lbs.	"A" Concrete Cu. Yds.	Reinf. Steel Lbs.
15'-35'	.031	36	.051	12	.170	65
36'-55'	.031	38	.070	15	.204	80
56'-70'	.031	39	.083	29	.250	150

Note: 7/8" ø bars at Lifting Points not included in above quantities.



ARRANGEMENT OF BLOCKS FOR LIFTING PILES

STANDARD 5 PILE R.C. BENT C-S-2
FOR 31' R.C. DECK GIRDER STD. PLAN B-2-230

LOUISIANA HIGHWAY COMMISSION
BATON ROUGE, LA.

SCALE ½" = 1'-0" JAN. 1930.

(B-2-237) C-S-108

FOR INFORMATIONAL PURPOSES ONLY