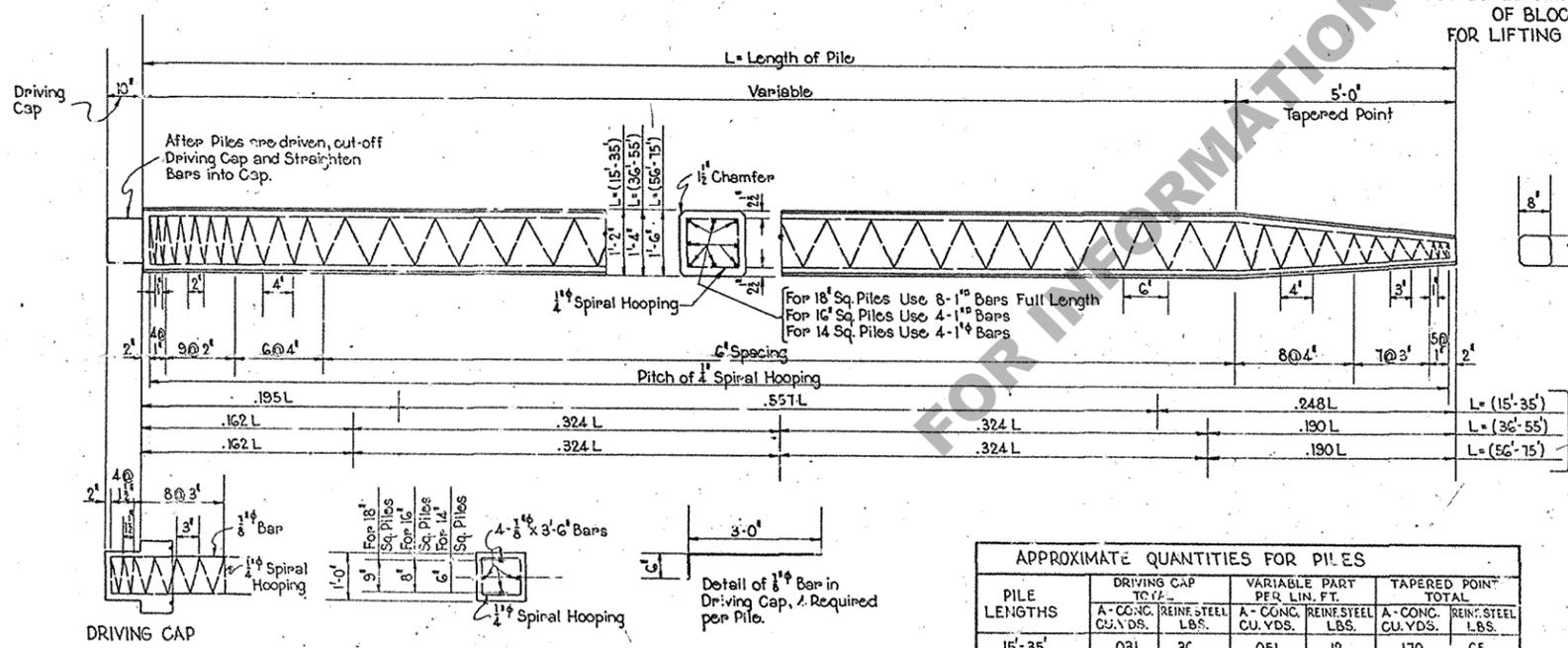
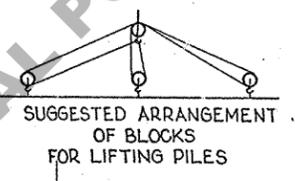


BILL OF MATERIAL - CAPS						
ONE END BENT CAP						
Mark	Size	No.	Unit Length	Total Length	Location	
			Ft. In.	Ft. In.		
A	1"	8	36 8	293 4	Cap	
Total Reinforcing Steel = 991 Lbs.						
Class A Concrete = 5.56 Cu. Yds.						
ONE INTERMEDIATE BENT CAP						
B	1"	8	26 8	213 4	Cap	
Total 1" Bars = 213-4' Weight = 725 Lbs.						
C	1/2"	25	8 4	208 4	Cap	
Total 1/2" Bars = 208-4' Weight = 171 Lbs.						
Total Reinforcing Steel = 902 Lbs.						
Class A Concrete = 3.85 Cu. Yds.						

GENERAL NOTES

Specifications: Louisiana Highway Commission Specifications Feb. 1929.
 Concrete to be Class 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.
 Concrete Quantities shown are for 14" Piles Deducted.



LOAD ON PILES
 Weight of Superstructure plus Live Load (No Impact), plus Weight of Cap.
 End Bent = 21.5 Tons per pile.
 Intermediate Bent = 26.4 Tons per pile.

PILE LENGTHS	DRIVING CAP TO 1/2"		VARIABLE PART PER LIN. FT.		TAPERED POINT TOTAL	
	A-CONC. CU. YDS.	REIN. STEEL LBS.	A-CONC. CU. YDS.	REIN. STEEL LBS.	A-CONC. CU. YDS.	REIN. STEEL LBS.
15'-35'	.031	30	.051	12	.110	65
36'-55'	.021	22	.070	15	.214	80
56'-75'	.031	39	.063	29	.250	150

Note: 3/4" Bars at Lifting Points not included in above quantities.

Void 12-20-15

STANDARD
 REINFORCED CONCRETE PILE BENTS
 FOR 20' SPAN - (B-2-301) C-G-28
 2' ROADWAY 5' SIDEWALKS
 LOUISIANA HIGHWAY COMMISSION
 Baton Rouge, La.
 Scale: 3/8" = 1'-0"
 April 1931

REVISION	DESCRIPTION	BY	DATE
1	As Shown	L. C. C.	5-21-33
2	Change	J. F. P.	1-1-34