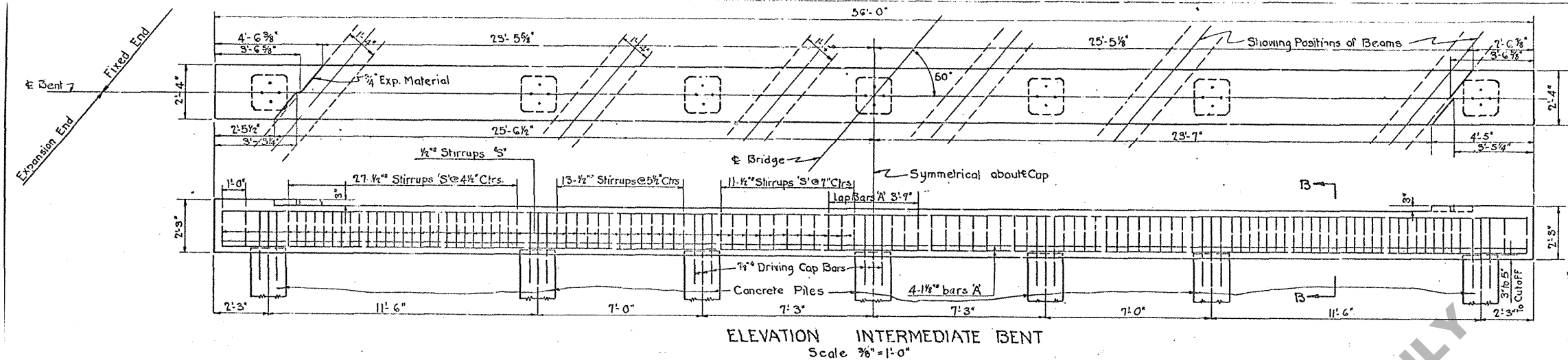
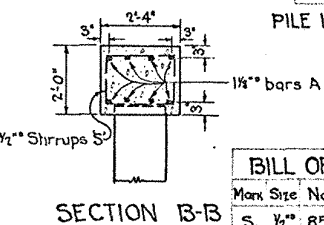


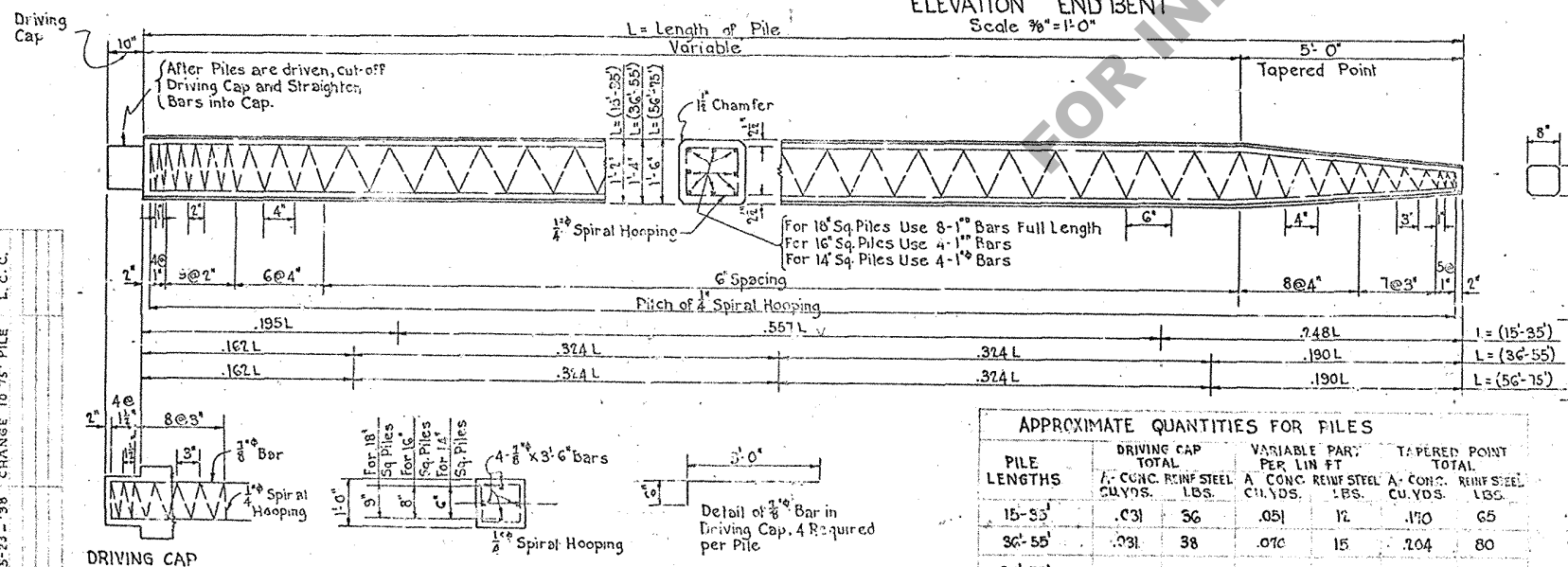
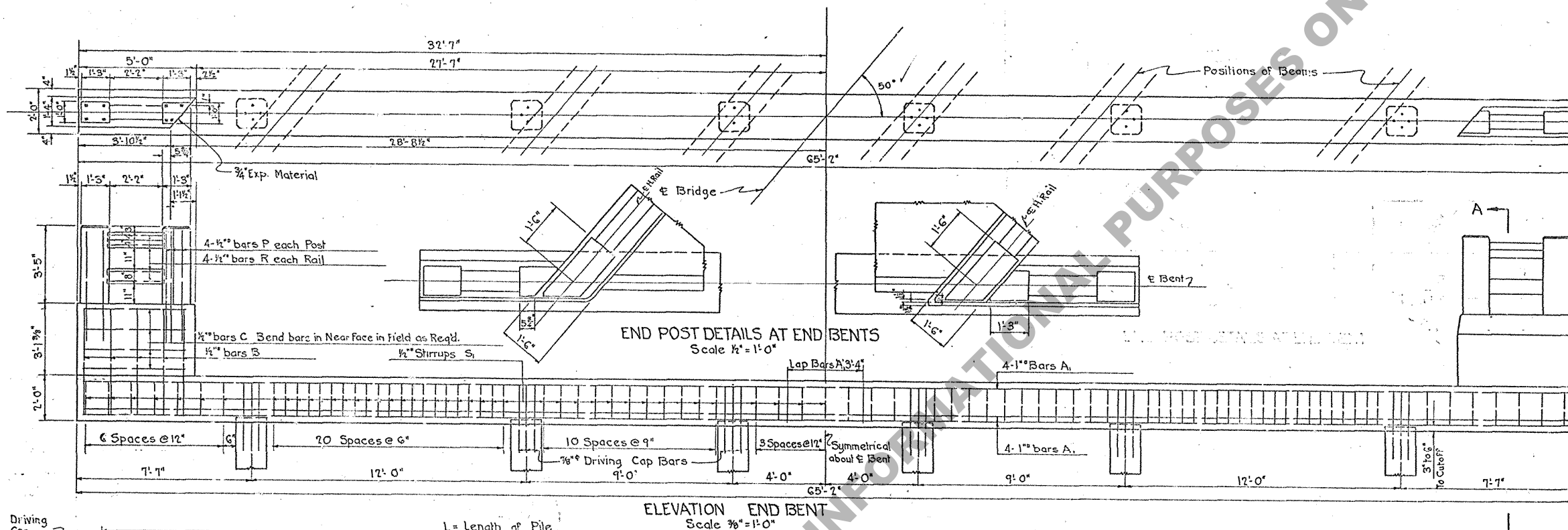
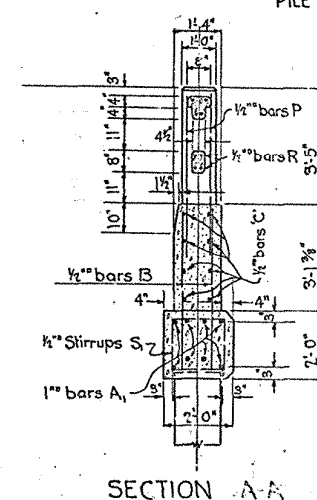


BILL OF MATERIAL FOR INTERMEDIATE BENT CAP									
S	1/2"	106	8'-4"	883'-4"	1/2"	106	8'-4"	883'-4"	Stirrups in Cap
Total 1/2" bars = 883'-4"					Wt = 751 Lbs.				
A	1 1/8"	16	29'-9"	476'-0"	Straight				
Total 1 1/8" bars = 476'-0"					Wt = 2048 Lbs.				
Class A Concrete					= 9.83 Cu. Yds.				
Total Reinforcing Steel					= 2800 Lbs.				

PILE LOAD: D.L. of Superstructure + L.L. (No Impact) + Wt. of Cap = 25 Tons per Pile.

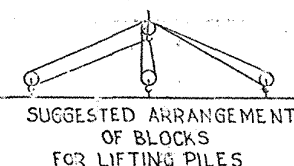


BILL OF MATERIAL FOR END BENT CAP									
Max Size	No.	Length	Total Length	BENDING DIAGRAM	Location				
S	1/2"	85	7'-8"	651'-8"	1/2"	85	7'-8"	651'-8"	Stirrups in Cap
B	1/2"	16	4'-8"	74'-8"	Straight				
C	1/2"	16	4'-6"	72'-0"	Straight (Field Bend -)				
P	1/2"	16	4'-10"	71'-4"	Straight				
R	1/2"	16	2'-7"	41'-4"	Straight				
Total 1/2" bars = 917'-0"					Wt = 780 Lbs.				
A	1"	16	34'-0"	544'-0"	Straight				
Total Reinforcing Steel = 2630 Lbs.					Total Class A Concrete = 11.00 Cu. Yds.				
Total Class A-A Concrete = .65 Cu. Yds.					PILE LOAD: D.L. of Superstructure + L.L. (No Impact) + Wt. of Cap = 21 Tons per Pile.				

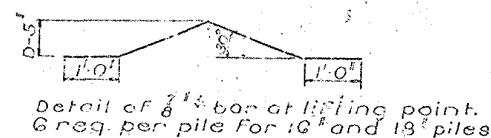


APPROXIMATE QUANTITIES FOR PILES					
PILE LENGTHS	DRIVING CAP TOTAL	CONC. REIN. STEEL LBS.	VARIABLE PART PER LIN. FT.	CONC. REIN. STEEL LBS.	TAPERED POINT TOTAL
15'-35'	.031	36	.051	12	.190
36'-55'	.031	38	.070	15	.204
56'-75'	.031	39	.083	19	.250

Note: 1/2" bars & lifting points not included in above quantities.



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



GENERAL NOTES
Specifications: Louisiana Highway Commission Specifications Feb 1912
Concrete to be Class A in Cap, Piles and Risers,
Handrail to be Class A-A Concrete
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 Piling all Material for same.

**STANDARD
REINFORCED CONCRETE PILE BENTS
FOR 21' SPAN (B-2-338) C-G-III, 50'SKEW
40' ROADWAY
LOUISIANA HIGHWAY COMMISSION
Baton Rouge, La.
Scale as Shown July 1921**

DATE 5-23-30
DESCRIPTION CHANGE TO 75' PILE
BY L. C. C.