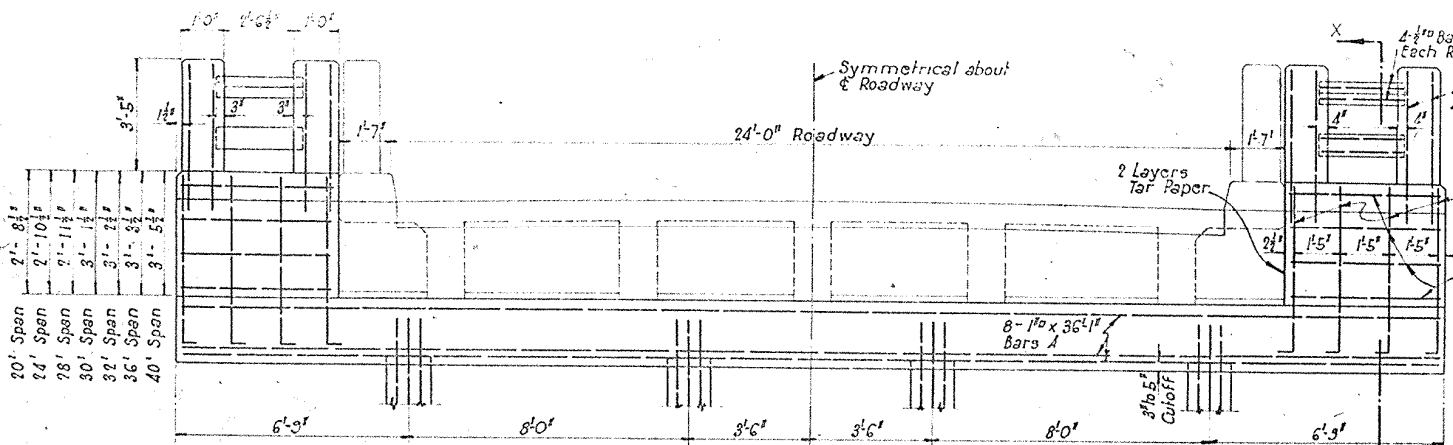
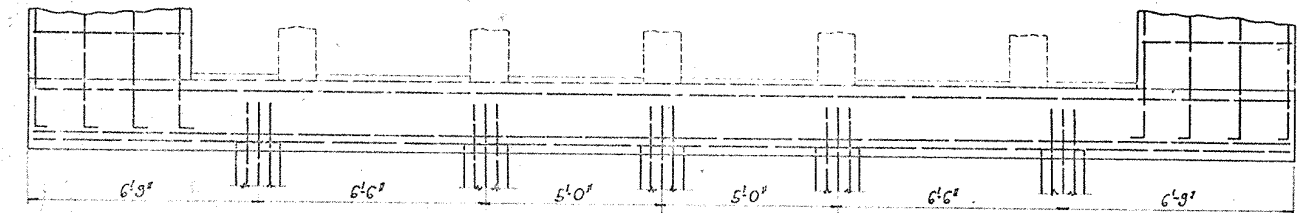
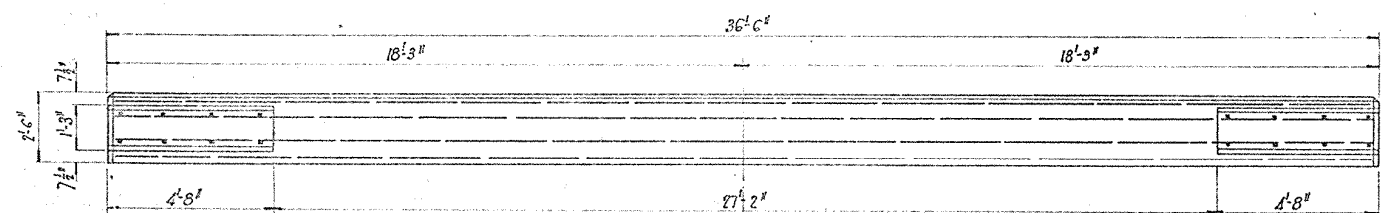




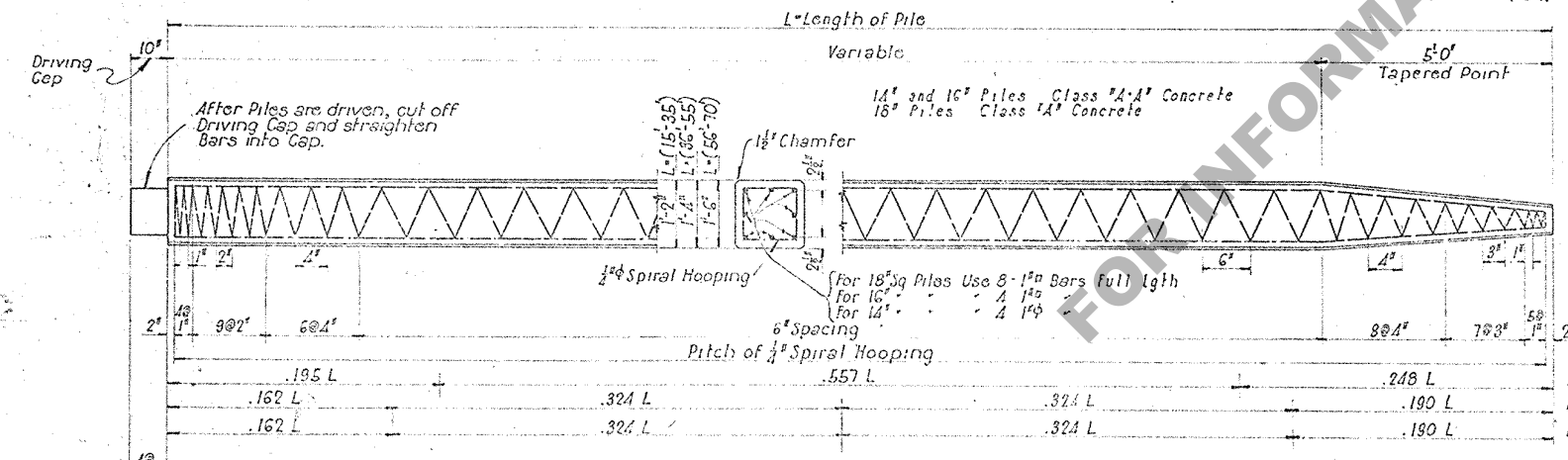
ELEVATION END BENT
Pile Spacing for 20'-24'-28'-30'-32' Spans



PART ELEVATION END BENT
Pile Spacing for 36' and 40' Spans



PLAN END BENT



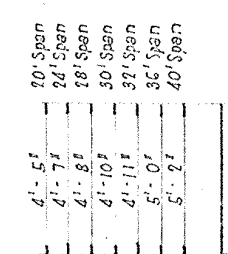
DRIVING CAP

2'-0" Length of Cap (End Cap)
2'-0" Length of Cap (Intermediate)
2'-0" Length of Cap (Tapered Point)

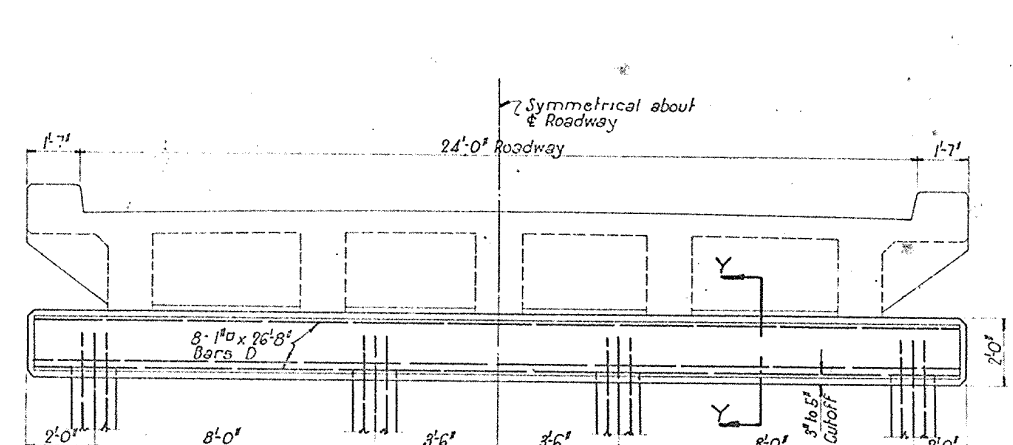
APPROXIMATE QUANTITIES FOR PILES

PILE LENGTHS	DRIVING CAP TOTAL		VARIABLE PART PER LIN. FT.		TAPERED POINT TOTAL	
	4-#4 Conc. R.F. Steel	4-#4 Conc. R.F. Steel	4-#4 Conc. R.F. Steel	4-#4 Conc. R.F. Steel	4-#4 Conc. R.F. Steel	4-#4 Conc. R.F. Steel
15'-35'	.031	36	.051	12	.110	65
36'-55'	.061	38	.070	15	.204	80
56'-70'	.081	39	.083	29	.250	150

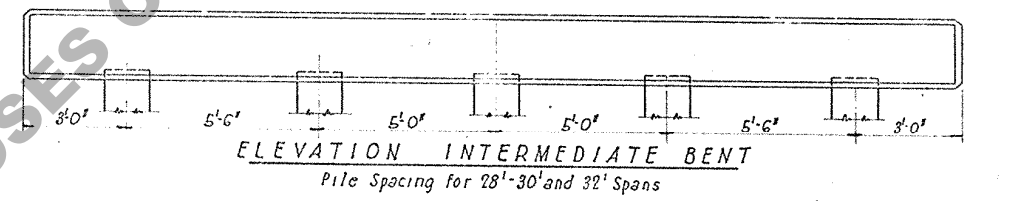
SECTION X-X



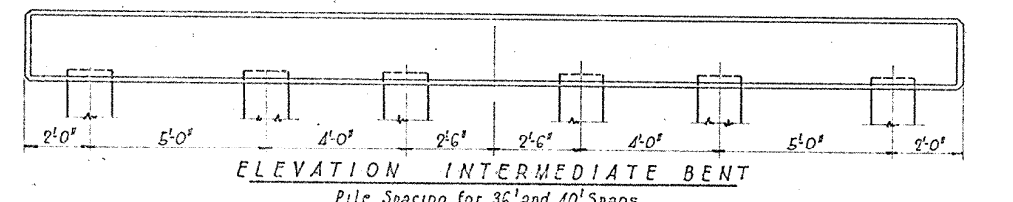
SUGGESTED ARRANGEMENT OF BLOCKS FOR LIFTING PILES



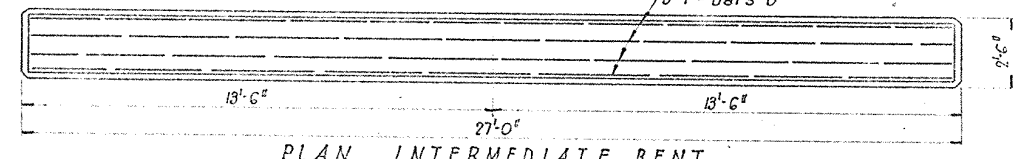
ELEVATION INTERMEDIATE BENT
Pile Spacing for 20' and 24' Spans



ELEVATION INTERMEDIATE BENT
Pile Spacing for 28'-30' and 32' Spans



ELEVATION INTERMEDIATE BENT
Pile Spacing for 36' and 40' Spans



PLAN INTERMEDIATE BENT

PILE LOADING

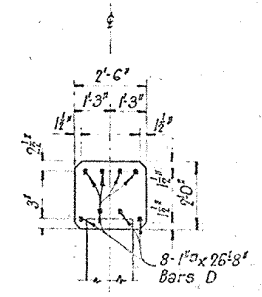
Total Span Feet	END BENT		INTERMEDIATE BENT	
	No. Piles	Load per Pile Tons	No. Piles	Load per Pile Tons
20	4	16.5	4	22.0
24	4	17.0	4	24.6
28	4	19.5	5	22.0
30	4	20.5	5	23.5
32	4	21.5	5	25.0
36	5	18.0	6	23.1
40	5	19.0	6	25.6

ESTIMATE OF QUANTITIES

Total Span Feet	END BENT			INTERMEDIATE BENT		
	Class A-A Concrete Cu Yds	Class A Concrete Cu Yds	Reinf. g Steel Pounds	Class A Concrete Cu Yds	Reinf. g Steel Pounds	Reinf. g Steel Pounds
20	.62	7.90	1209	5.00	725	725
24	.62	7.97	1210	5.00	725	725
28	.62	8.01	1212	5.00	725	725
30	.62	8.08	1214	5.00	725	725
32	.62	8.11	1215	5.00	725	725
36	.62	8.15	1216	5.00	725	725
40	.62	8.22	1218	5.00	725	725

GENERAL NOTES:
Louisiana Highway Commission Specification 1929
Concrete to be Class A in Cap and Riser.
Reinforcing steel to be Deformed Bars.
All Reinforcing Bars not considered as Deformed.
Squares turned of Reinforcing are to be 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.

STANDARD
REINFORCED CONCRETE PILE BENTS
FOR 20 FT TO 40 FT SPANS
LOUISIANA HIGHWAY COMMISSION
Baton Rouge, La.
August 1930



SECTION Y-Y