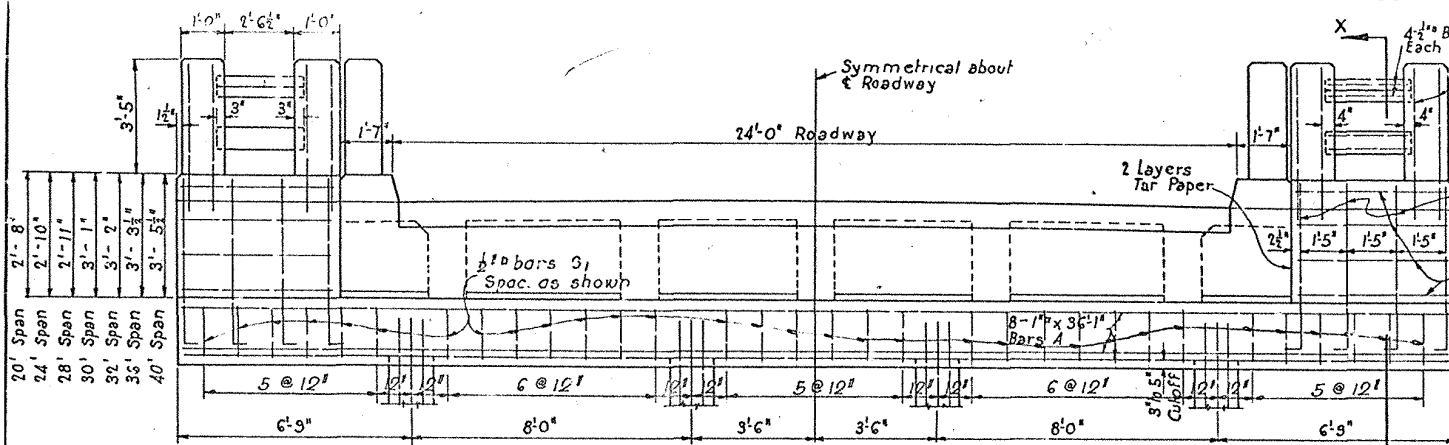
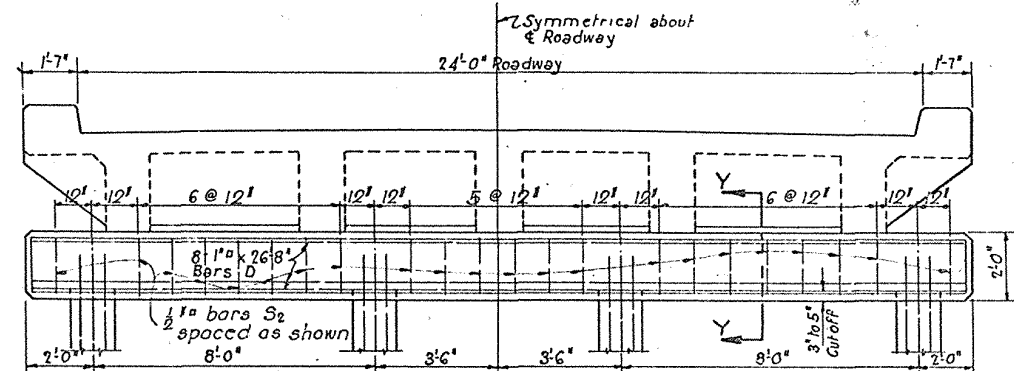


REVISION
Description of Riser Dimensions
By
1-29-32 Retained Height of Riser Dimensions
From B-2-234

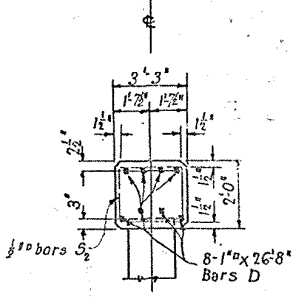


ELEVATION END BENT
Pile Spacing for 20'-24'-28'-30'-32' Spans

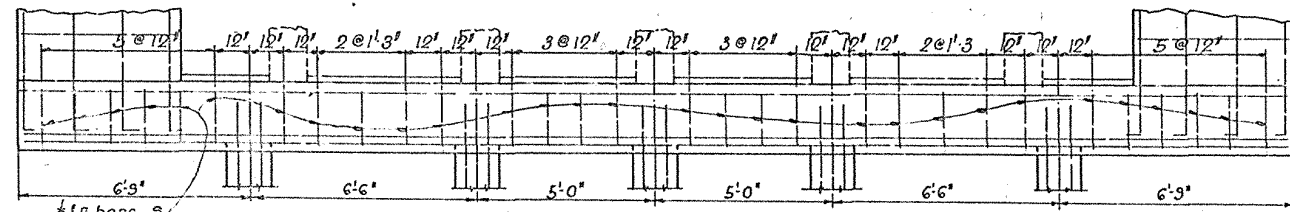
SECTION X-X



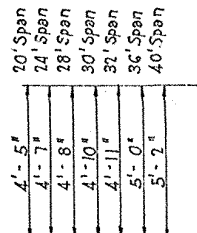
ELEVATION INTERMEDIATE BENT
Pile Spacing for 20' and 24' Spans



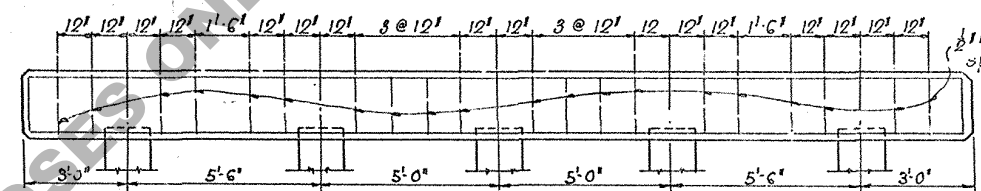
SECTION Y-Y



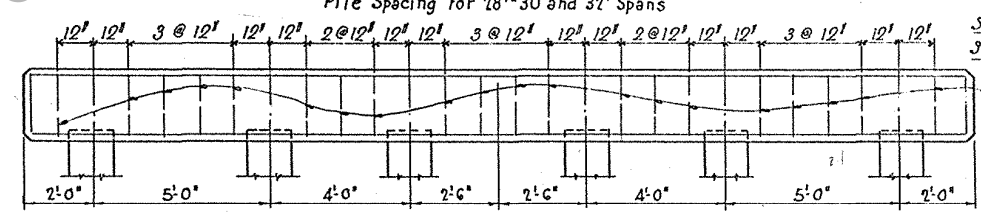
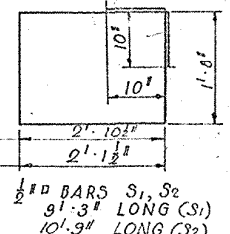
PART ELEVATION END BENT
Pile Spacing for 36' and 40' Spans



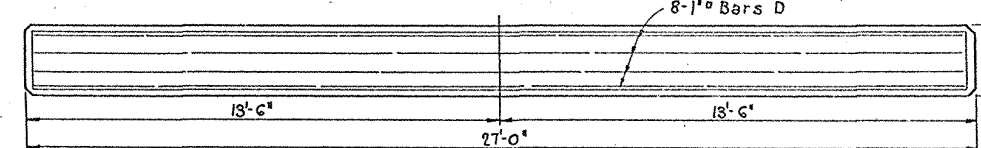
SUGGESTED ARRANGEMENT
OF BLOCKS
FOR LIFTING PILES



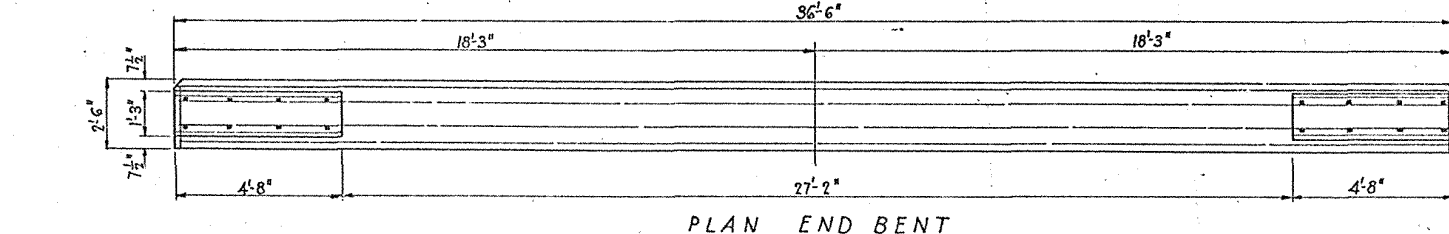
ELEVATION INTERMEDIATE BENT
Pile Spacing for 28'-30' and 32' Spans



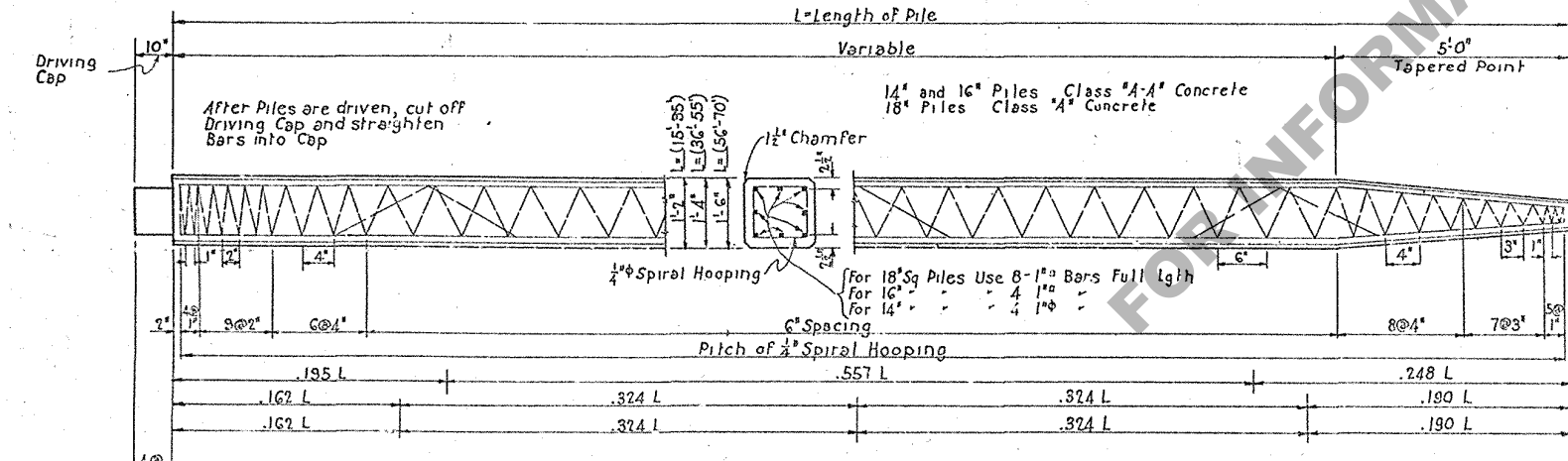
ELEVATION INTERMEDIATE BENT
Pile Spacing for 36' and 40' Spans



PLAN INTERMEDIATE BENT



PLAN END BENT



Driving Cap

Tapered Point

14" and 16" Piles Class "A-A" Concrete
18" Piles Class "A" Concrete

1/2" Chamfer

1/4" Spiral Hooping

Pitch of 1/4" Spiral Hooping

6" Spacing

For 18" Sq Piles Use 8-1/2" Bars Full Lgth

For 16" - 4 1/2" Bars

For 14" - 4 1/2" Bars

Detail of 1/2" Bar in Driving Cap, 4 Required per Pile

Detail of 1/2" Bar at lifting point, 6 req. per pile for 10' and 18' Piles.

APPROXIMATE QUANTITIES FOR PILES				
PILE LENGTHS	DRIVING CAP TOTAL		VARIABLE PART PER LIN. FT.	
	Concrete	Reinforcing Steel	Concrete	Reinforcing Steel
15' - 35'	.031	.36	.051	.12
36' - 55'	.031	.38	.070	.15
56' - 70'	.031	.39	.083	.19

*Includes 1/2" bars at Lifting Points

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

GENERAL NOTES:
Louisiana Highway Commission Specification 1929
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

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

Total Span Feet	END BENT		INTERMEDIATE BENT	
	Class A-A Concrete Cu Yds	Reinforcing Steel Pounds	Class A Concrete Cu Yds	Reinforcing Steel Pounds
20	.62	1460	6.41	926
24	.62	1462	6.41	926
28	.62	1464	6.39	908
30	.62	1466	6.39	908
32	.62	1467	6.39	908
36	.62	1452	6.37	908
40	.62	1454	6.37	908

*QUANTITIES BASED ON USING 15" PILES 4 IN CAP

STANDARD
REINFORCED CONCRETE PILE BENTS
FOR 20 FT TO 40 FT SPANS

LOUISIANA HIGHWAY COMMISSION

Baton Rouge, La.
August 1930

REV. 3-24-36 INT. CAP DIM. & QUANTITIES
REV. 10-3-34 (bars "S" added)