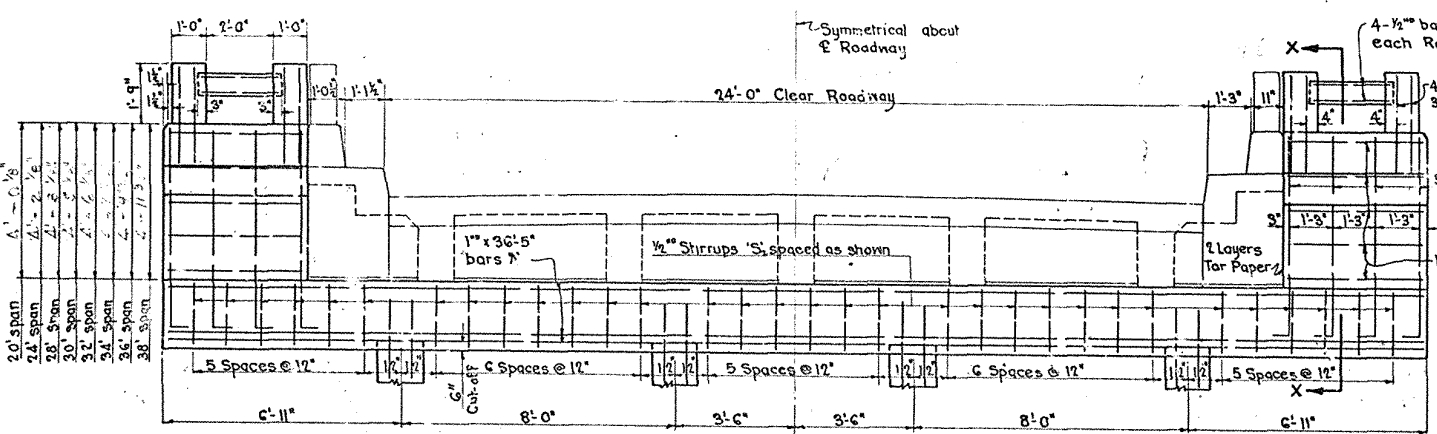
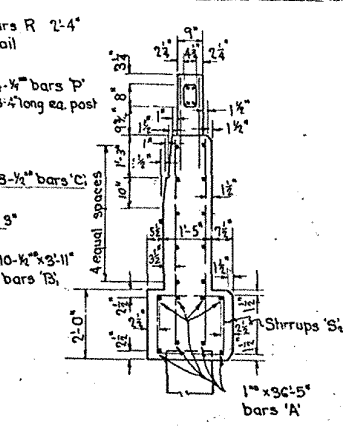
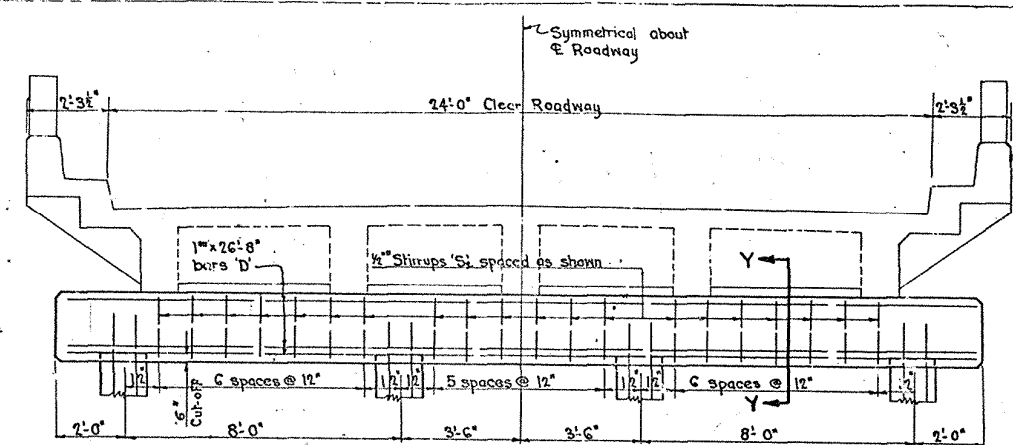




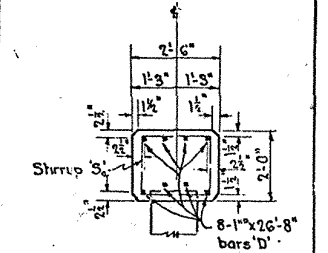
ELEVATION END BENT
Pile Spacing for 20'-24'-28'-30'-32' Spans



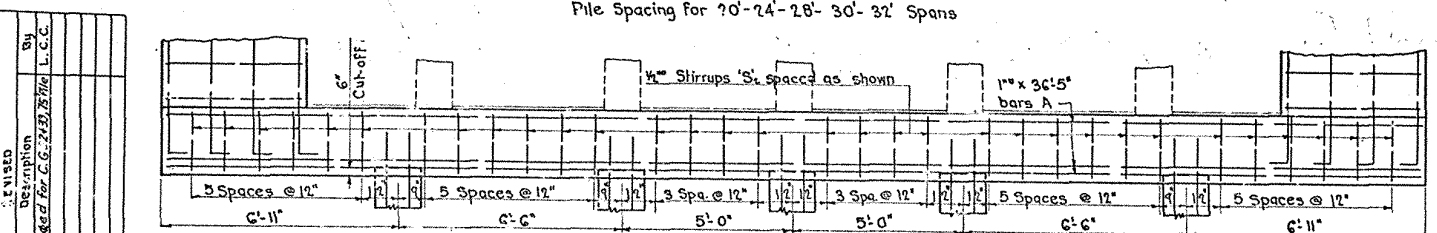
SECTION X-X



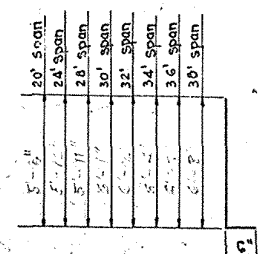
ELEVATION INTERMEDIATE BENT
Pile Spacing for 20' and 24' Spans



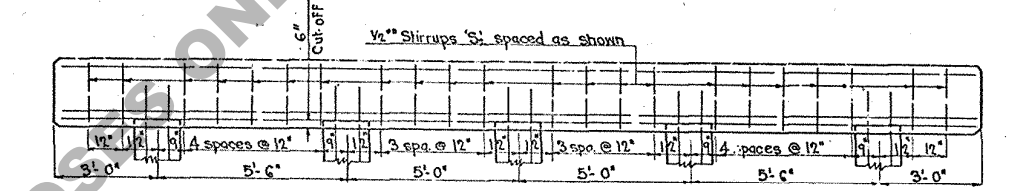
SECTION Y-Y



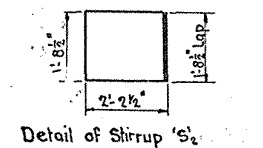
PART ELEVATION OF END BENT
Pile Spacing for 34'-36' and 38' Spans



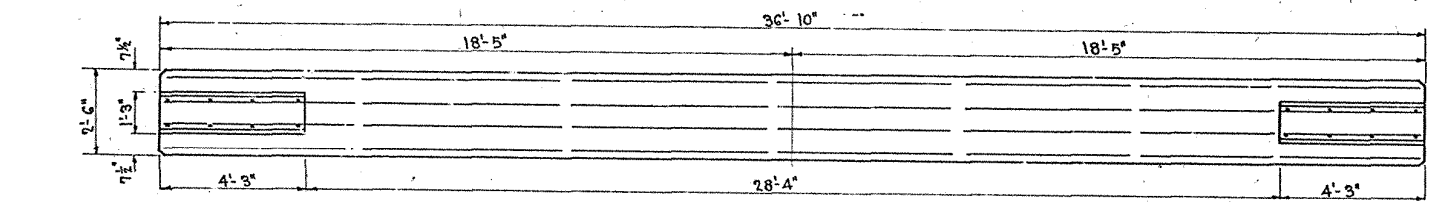
Detail of Bars C



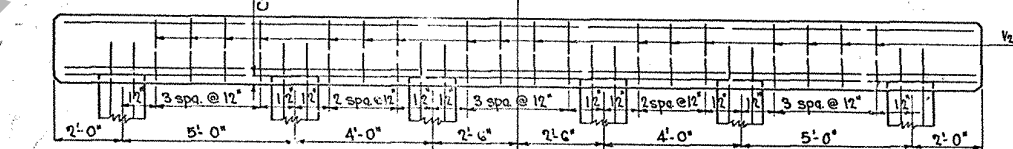
ELEVATION INTERMEDIATE BENT
Pile Spacing for 28'-30'-32' Spans



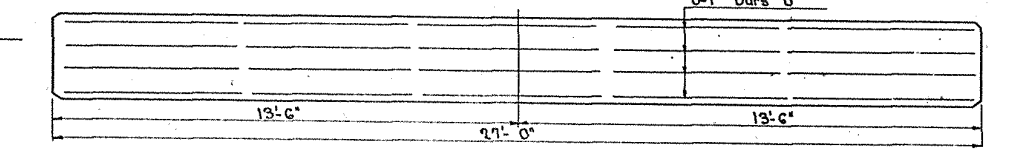
Detail of Stirrup S



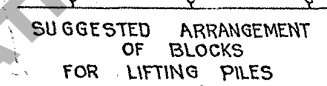
PLAN OF END BENT
Handrail and Stirrups not shown



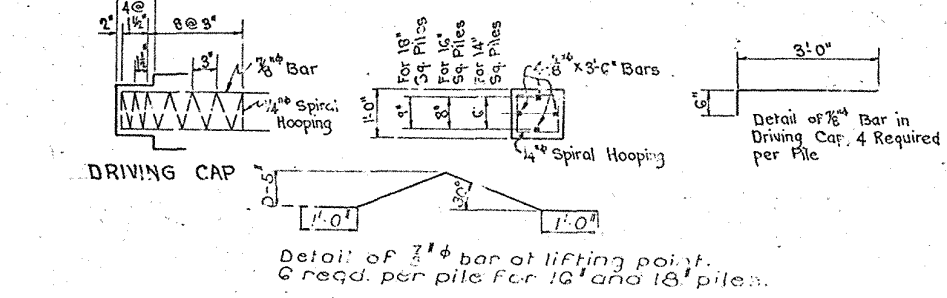
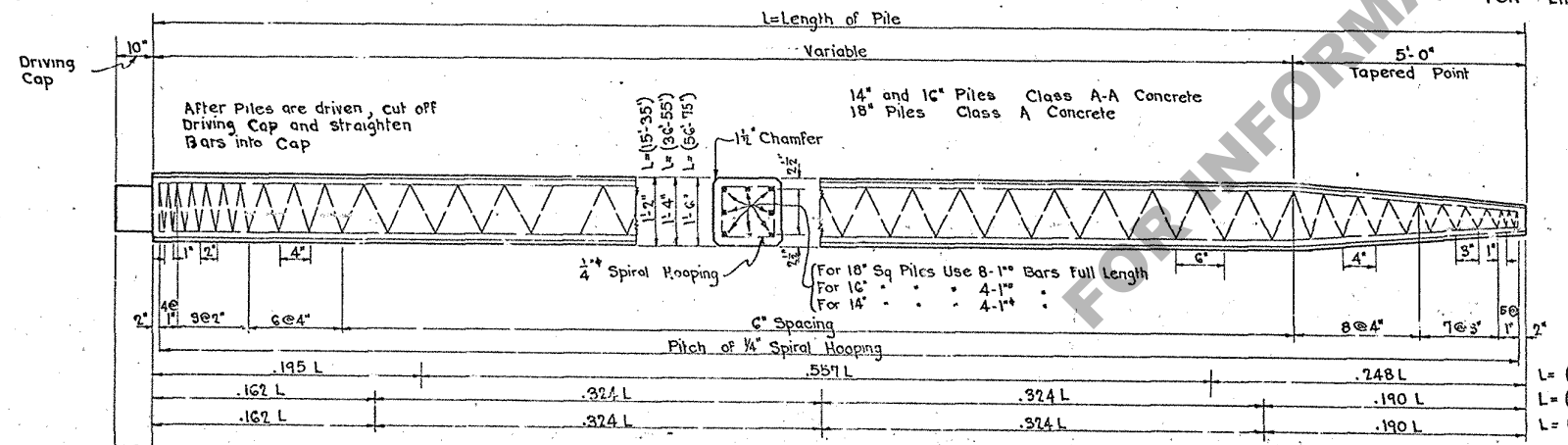
ELEVATION INTERMEDIATE BENT
Pile Spacing for 34'-36' and 38' Spans



PLAN OF INTERMEDIATE BENT
Stirrups not shown



SUGGESTED ARRANGEMENT
OF BLOCKS
FOR LIFTING PILES



Detail of 7/8" bar at lifting point.
6 reqd. per pile for 14" and 18" piles.

PILE LENGTHS	DRIVING CAP TOTAL		VARIABLE PART PER LIN. FT		TAPERED POINT TOTAL	
	Co. Yds	R-F Steel Lbs	Co. Yds	R-F Steel Lbs	Co. Yds	R-F Steel Lbs
15'-35'	.03	36	.051	12	.170	65
36'-55'	.031	38	.070	15	.204	80
56'-75'	.031	39	.083	22	.250	150

Note: 3/4" bars at lifting points not included in above quantities.

Total Span Feet	END BENT		INTERMEDIATE BENT	
	No. Piles	Load per pile Tons	No. Piles	Load per pile Tons
20	4	16.5	4	20.2
24	4	19.0	4	22.8
28	4	19.5	5	20.4
30	4	20.5	5	21.6
32	4	21.3	5	23.0
34	5	17.8	6	20.0
36	5	18.6	6	21.3
38	5	19.7	6	22.3

Total Span Feet	END BENT			INTERMEDIATE BENT		
	Class A-A Concrete Cu. Yds.	Class A Concrete C.Yds.	Reinforcing Steel Pounds	Class A-A Concrete Cu. Yds.	Class A Concrete C.Yds.	Reinforcing Steel Pounds
20	25	8.24	1403	25	8.24	1403
24	25	8.24	1403	25	8.24	1403
28	25	8.24	1403	25	8.24	1403
30	25	8.24	1403	25	8.24	1403
32	25	8.24	1403	25	8.24	1403
34	25	8.24	1403	25	8.24	1403
36	25	8.24	1403	25	8.24	1403
38	25	8.24	1403	25	8.24	1403

GENERAL NOTES
Louisiana Highway Commission Specifications
Concrete to be Class A-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
Concrete Quantities shown are for 14" Piles Deducted.

Valid
12-20-45

STANDARD
REINFORCED CONCRETE PILE BENTS
FOR 20' TO 38' SPANS
24' ROADWAY 1'-3" CURVES
LOUISIANA HIGHWAY COMMISSION

Revised for C.G. 32 & 33

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July, 1942