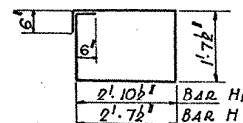
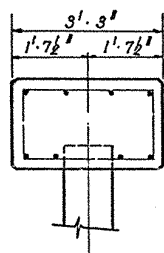
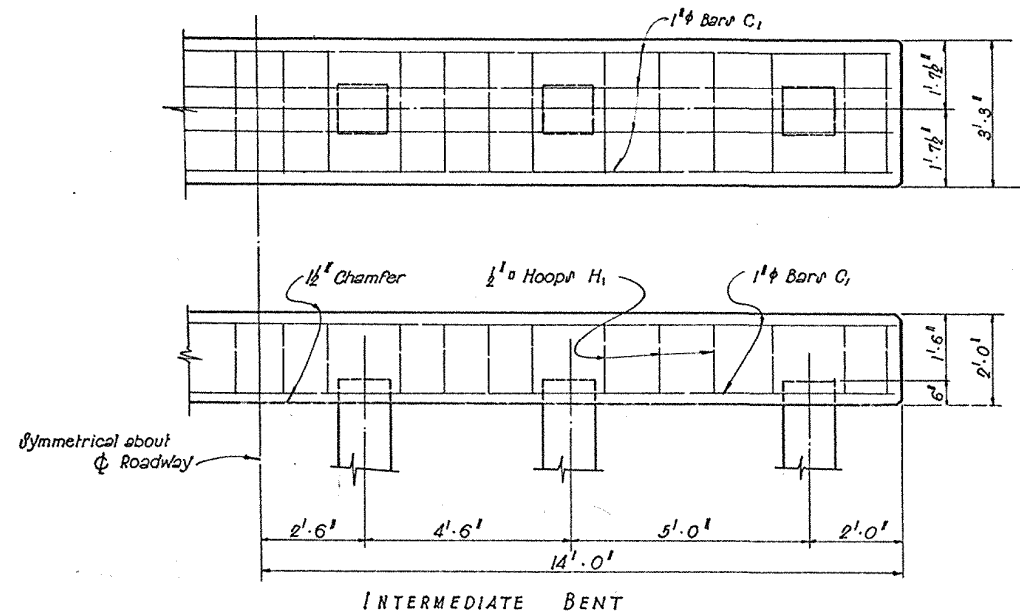
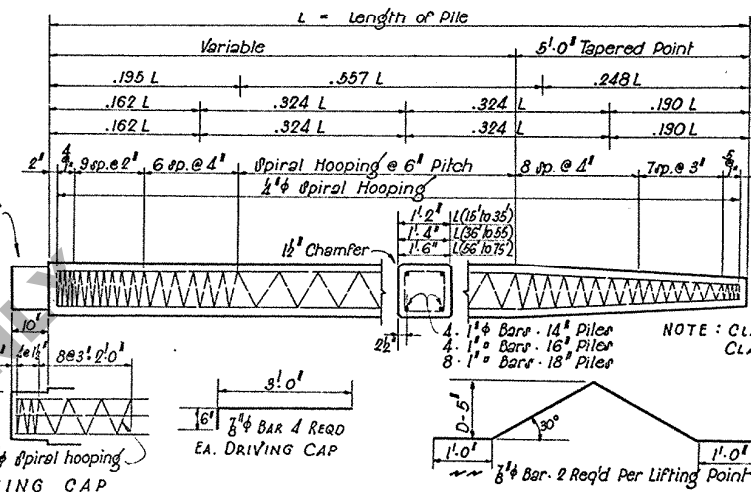


PILE LENGTH	Driving Cap		Variable Part		Tapered Point	
	Concrete	Reinf. Steel	Concrete	Reinf. Steel	Concrete	Reinf. Steel
15' to 35'	0.031	36	0.051	12	0.170	65
36' to 55'	0.031	38	0.070	15	0.204	166 *
56' to 75'	0.031	39	0.083	29	0.250	236 *

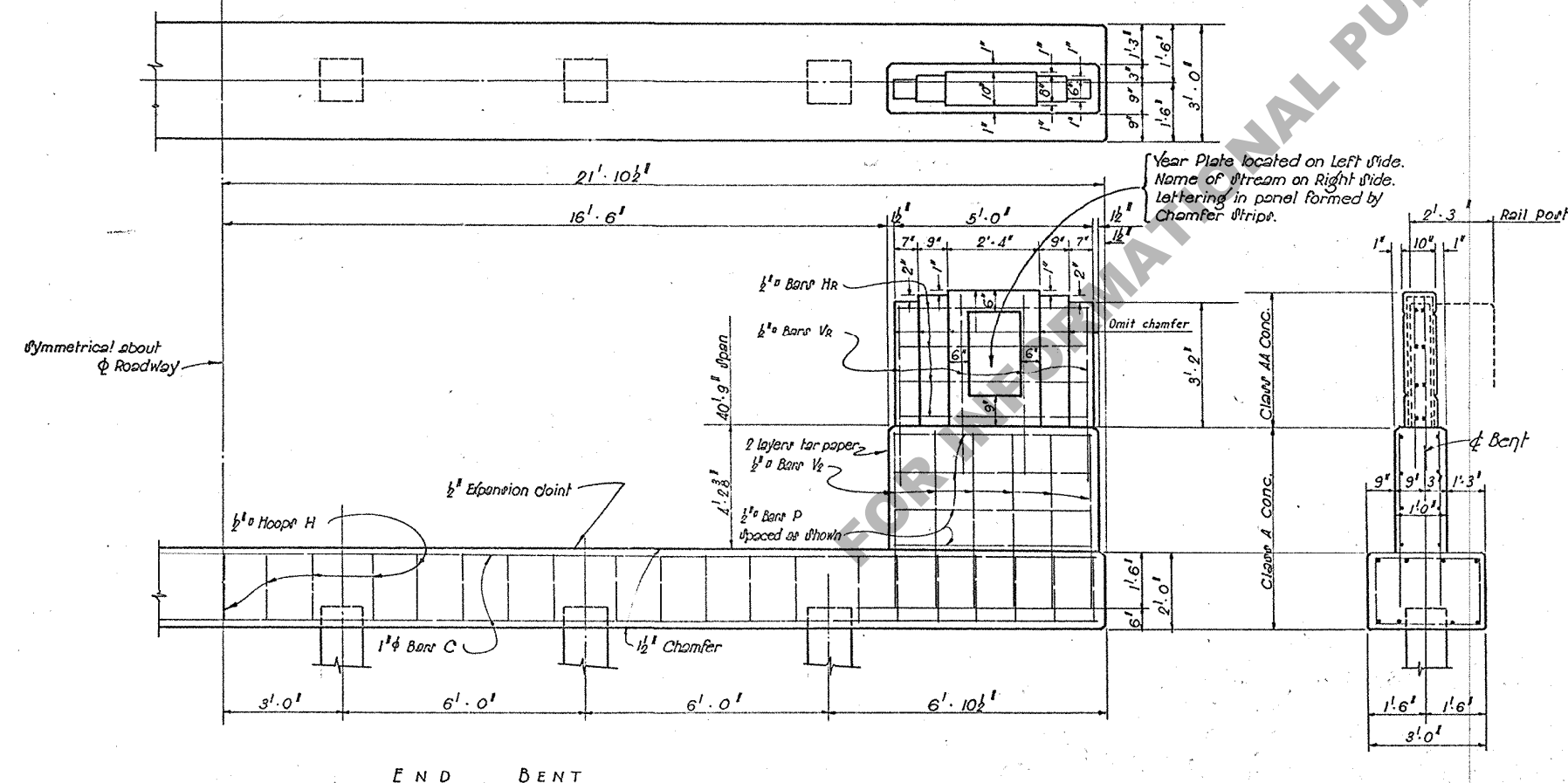
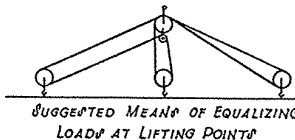
* Includes 8" Bar at Lifting Points.



After Piles are driven cut off driving cap and straighten bars into bent cap



PILE DETAIL



QUANTITIES FOR ONE INTERMEDIATE BENT					
BAR	SIZE	Nº	UNIT LENGTH	TOTAL LENGTH	LOCATION
H1	1/2"	24	10'-0"	240'-0"	Cap
C1	1"	8	27'-6"	220'-0"	Cap
Total Reinforcing Steel				791 Pounds	
Total Class A Concrete				6.59 Cu. Yds.	
Average Load per pile on Intermediate Bents.				40'-9" span	25.3 tons

Note: For Estimating Concrete Quantities 1 1/2" Sq. piles were used.

QUANTITIES FOR ONE END BENT					
BAR	SIZE	Nº	UNIT LENGTH	TOTAL LENGTH	LOCATION
H	1/2"	39	9'-6"	370'-6"	Cap
Hr	1/2"	16	4'-8"	74'-8"	Handrail
Vr	1/2"	16	4'-6"	72'-0"	"
V2	1/2"	24	5'-9"	138'-0"	Wings
P	1/2"	16	5'-0"	80'-0"	"
C	1"	16	23'-4"	373'-4"	Cap
Total Reinforcing Steel				1622 Pounds	
Total Class A Concrete				11.20 Cu. Yds.	
Total Class AA Concrete				0.88 Cu. Yds.	
Average Load per pile on End Bents.				40'-9" span	20.4 tons

GENERAL NOTES:
Const. Specs. - Latest Approved La. Hwy. Dept. Std. Specs.
Design Specs. - La. Hwy. Comm. 1929
All Conc. to be Class A except handrail.
All Reinf. Steel dims. are to bar centers.
All Corners to have 1/2" Chamfer or noted.

STANDARD PLAN			
REINFORCED CONCRETE PILE BENT			
FOR R.C.D.G. SPANS			
24'-0" Rdwy. 2'-3'-0" Sidewalks			
To be used with Standard Plan C.G. 38-15			
LOUISIANA HIGHWAY COMMISSION			
BATON ROUGE, LA. No. 1935			
DESIGNED	CHECKED	TRACED	BY
3-24-38	3-24-38	3-24-38	3-24-38
DATE	DESCRIPTION	BY	REVISIONS