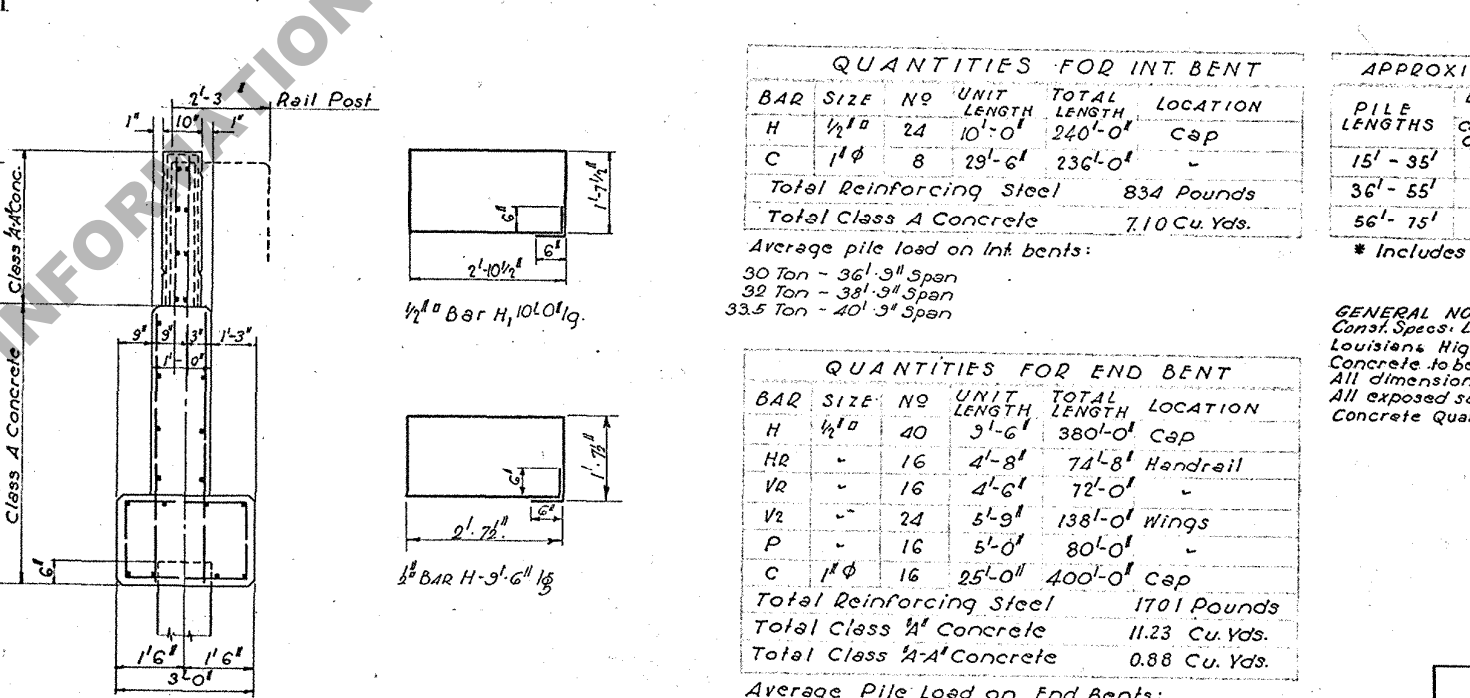
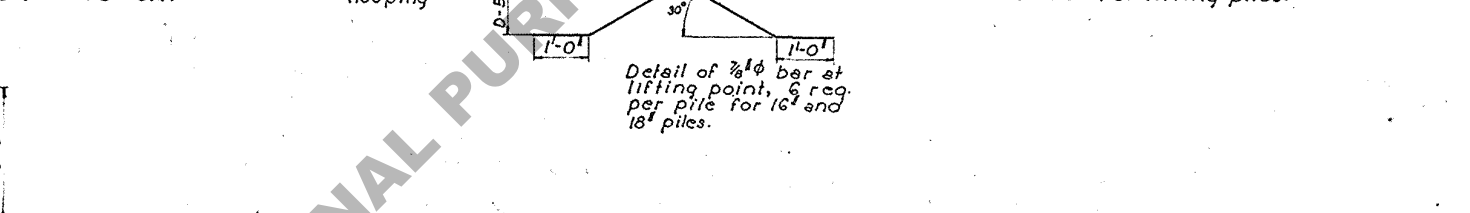
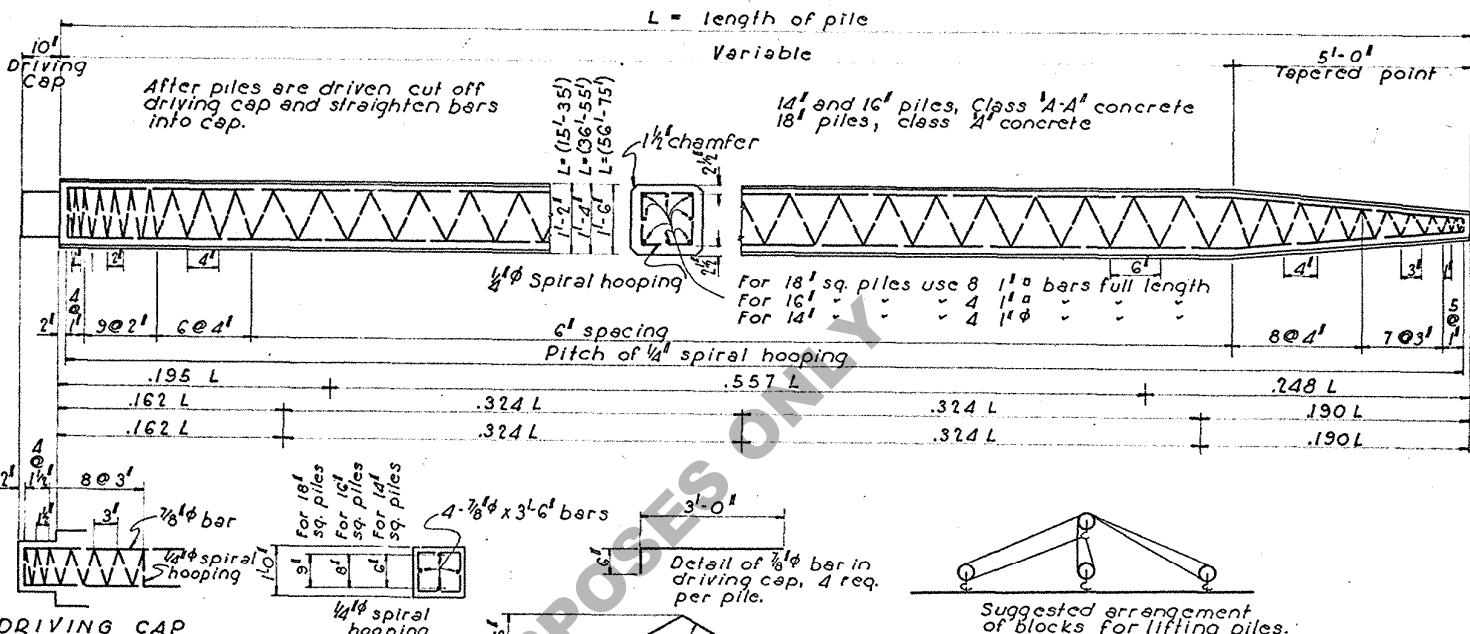
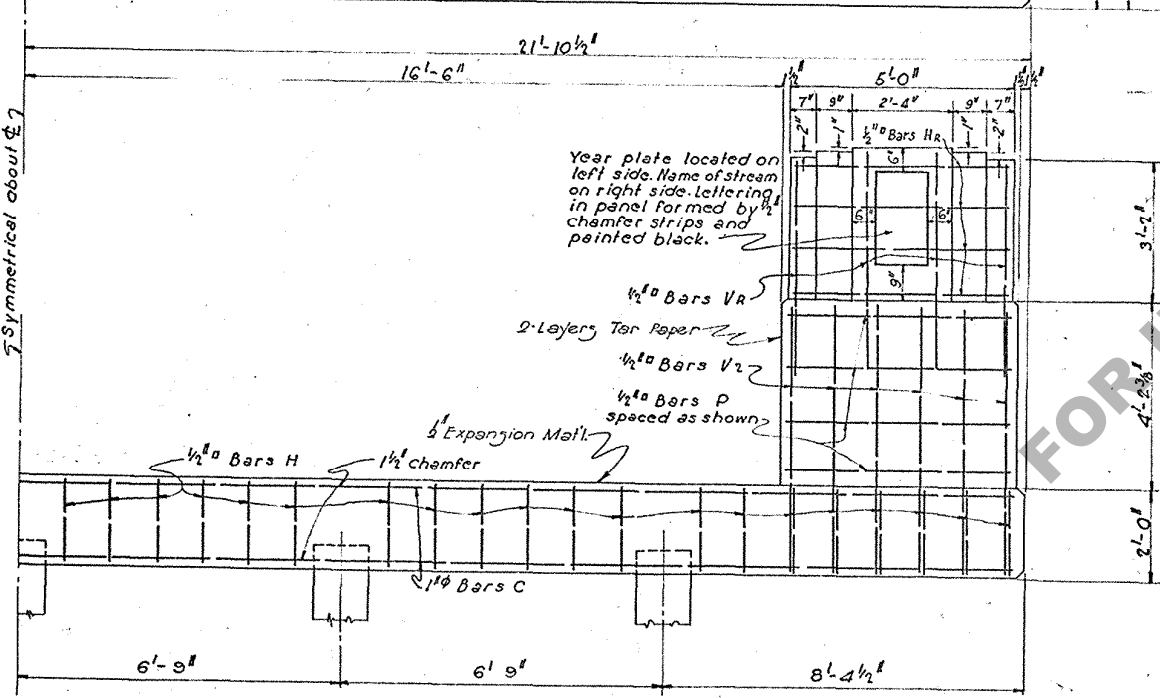
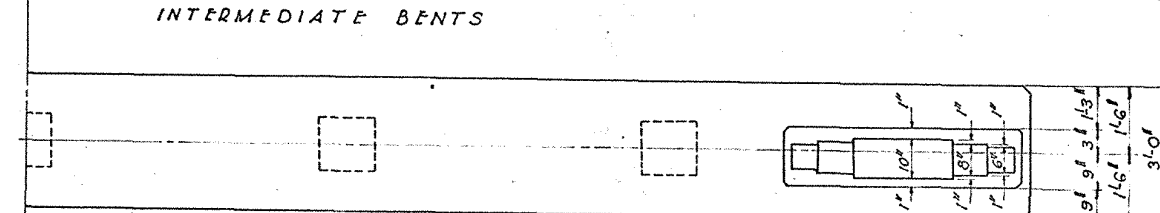
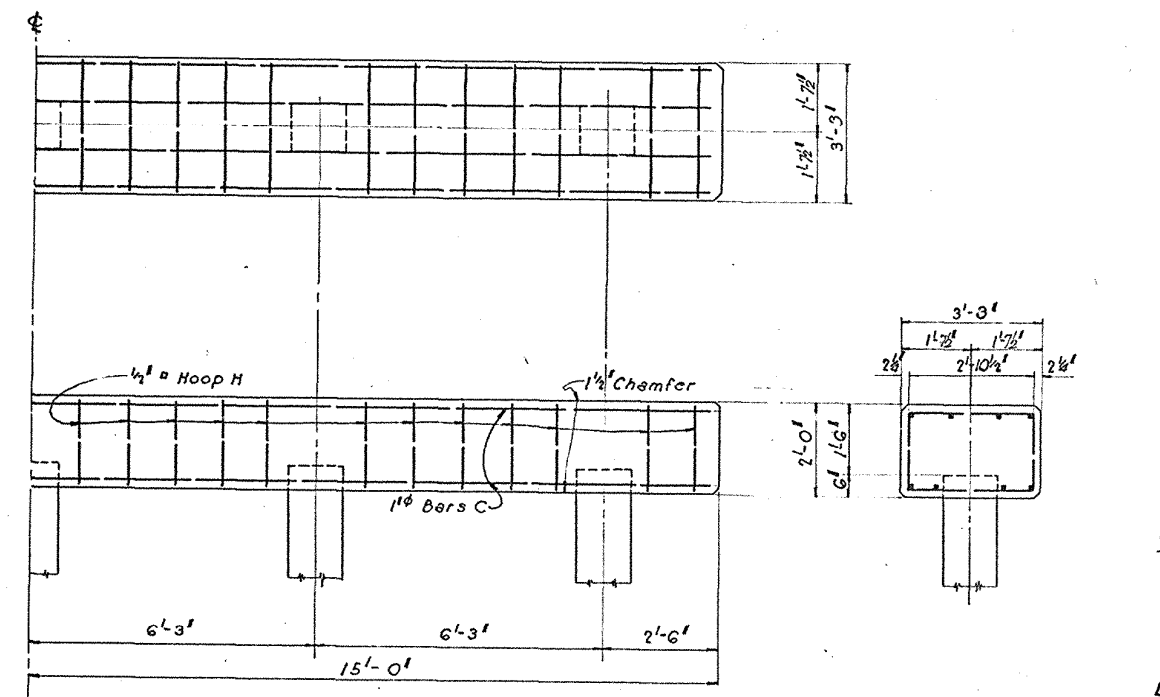




QUANTITIES FOR INT. BENT

BAR	SIZE	Nº	UNIT LENGTH	TOTAL LENGTH	LOCATION
H	1/2"	24	10'-0"	240'-0"	Cap
C	1"	8	29'-6"	236'-0"	
Total Reinforcing Steel				834 Pounds	
Total Class A Concrete				7.10 Cu. Yds.	

Average pile load on Int. bents:
 30 Ton - 36'-3" Span
 32 Ton - 38'-3" Span
 33.5 Ton - 40'-3" Span

QUANTITIES FOR END BENT

BAR	SIZE	Nº	UNIT LENGTH	TOTAL LENGTH	LOCATION
H	1/2"	40	9'-6"	380'-0"	Cap
HR	-	16	4'-8"	74'-8"	Handrail
VR	-	16	4'-6"	72'-0"	
V2	-	24	5'-9"	138'-0"	Wings
P	-	16	5'-0"	80'-0"	
C	1"	16	25'-0"	400'-0"	Cap
Total Reinforcing Steel				1701 Pounds	
Total Class A Concrete				11.23 Cu. Yds.	
Total Class A-A Concrete				0.88 Cu. Yds.	

Average Pile Load on End Bents:
 13 Ton - 36'-3" Span
 20 Ton - 38'-3" Span
 21 Ton - 40'-3" Span

APPROXIMATE QUANTITIES FOR PILES

PILE LENGTHS	DRIVING CAP		VARIABLE PART		TAPERED POINT	
	Concrete	Reinf. Steel	Concrete	Reinf. Steel	Concrete	Reinf. Steel
15' - 35'	.031	36	.051	12	.170	65
36' - 55'	.031	38	.070	15	.204	166*
56' - 75'	.031	39	.083	29	.250	236*

* Includes 1/8" bars at lifting points.

GENERAL NOTES:
 Const. Specs. Latest approved La. Hwy. Dept. Std. Specs.
 Louisiana Highway Commission 1929 Design Specs.
 Concrete to be class A in cap, Class A-A in handrail.
 All dimensions of reinforcing steel are to bar centers.
 All exposed surfaces to have rubbed finish.
 Concrete Quantities shown are for 14" Piles deducted.

STANDARD PLAN
 REINFORCED CONCRETE BENTS FOR
 REIN. CONC. GIRDER SPANS
 24'-0" RDWAY - 3'-0" SIDE WALKS
 34'-9" - 40'-9" SPANS
 TO BE USED WITH STANDARD PLAN C-638-15

LOUISIANA HIGHWAY COMMISSION
 BATON ROUGE, LA. JUNE 1935

DESIGNED	BY	DATE
CHECKED	BY	DATE
IN CHARGE	BY	DATE