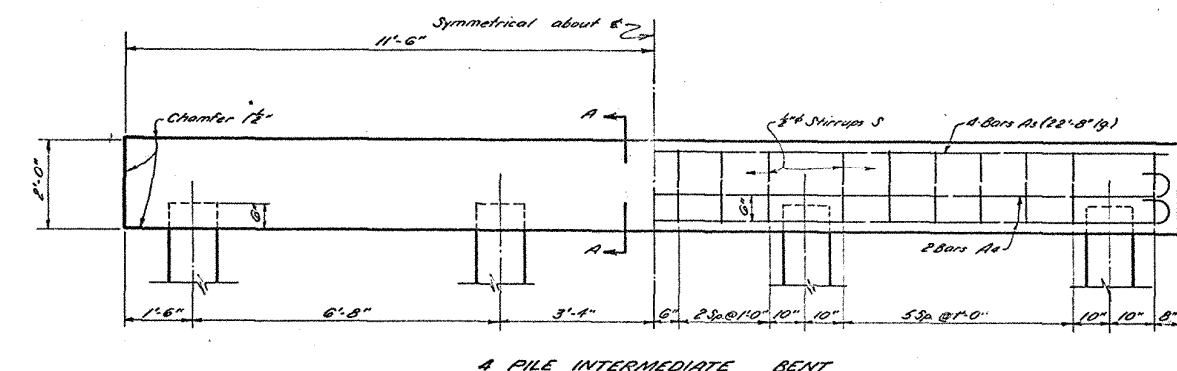
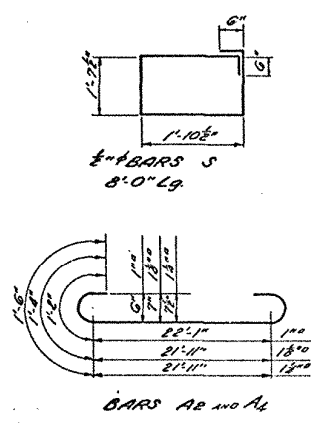
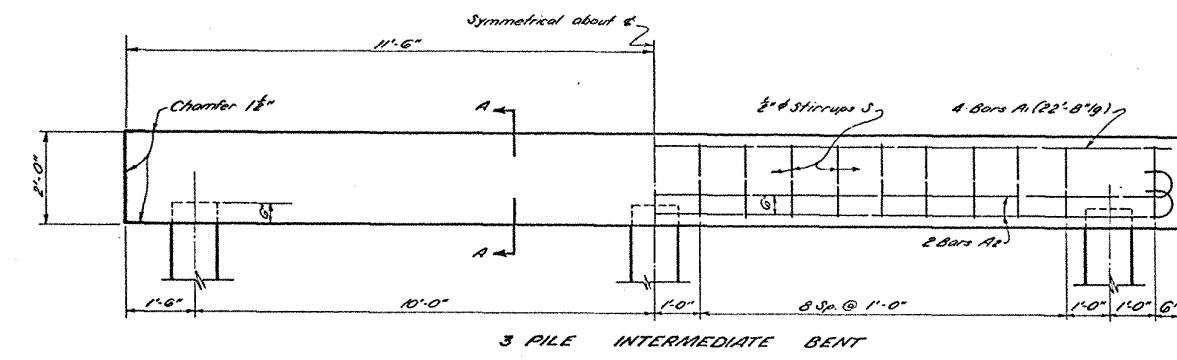
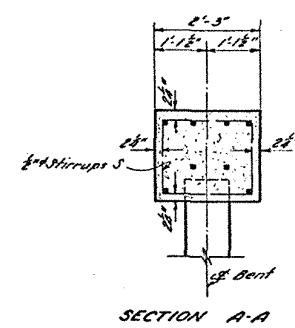
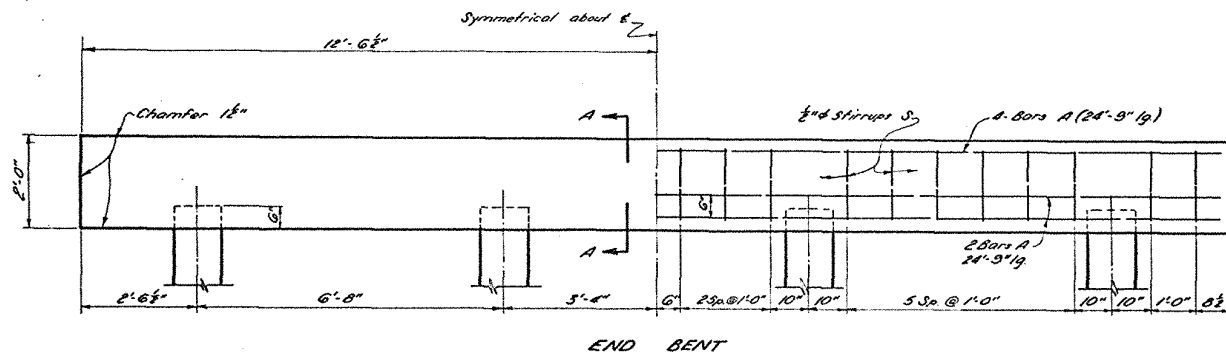




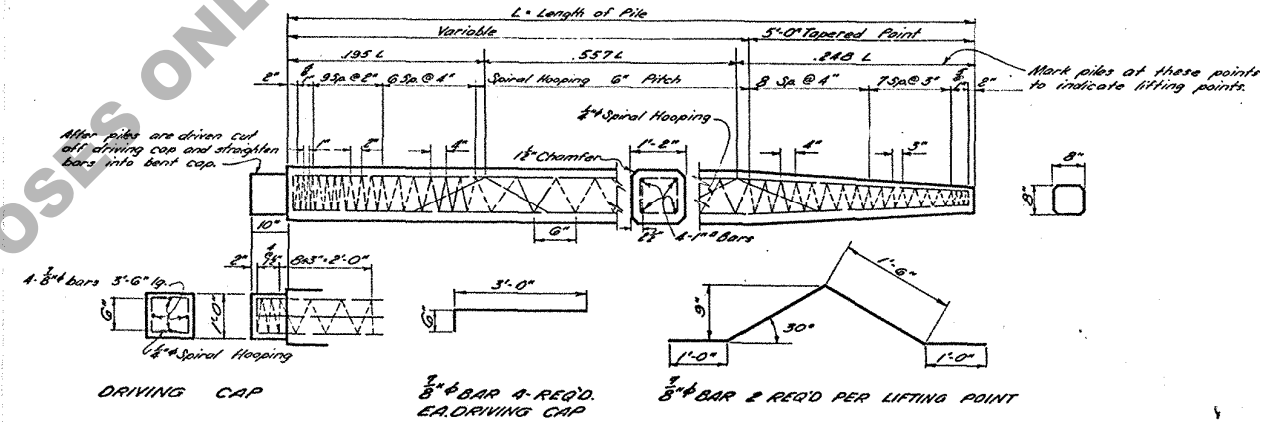
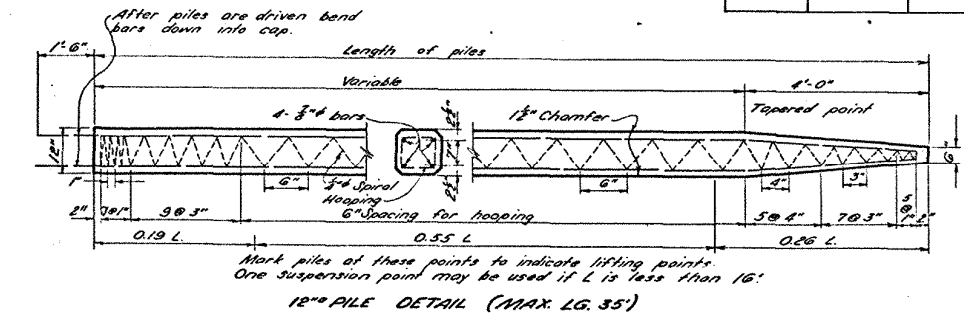
SIZE OF BARS				
SPAN	A	A1 or A2 or A3 or A4	A5 or A6	A7 or A8
20'	1 1/4"	1 1/4"	1 1/4"	1 1/4"
25'	1 1/4"	1 1/4"	1 1/4"	1 1/4"
30'	1 1/4"	1 1/4"	1 1/4"	1 1/4"
35'	1 1/4"	1 1/4"	1 1/4"	1 1/4"
40'	1 1/4"	1 1/4"	1 1/4"	1 1/4"

Note: Maximum height ground to grade with 12" conc. piles 15'. With 14" conc. piles 20'.

QUANTITIES AND PILE LOADS*												
SPAN	1 PILE END BENT				3 PILE INTERMEDIATE BENT				4 PILE INTERMEDIATE BENT			
	Class II Conc. Cu. Yds.	Rein. Steel Lbs.	Average Pile Load in Tons		Class II Conc. Cu. Yds.	Rein. Steel Lbs.	Average Pile Load in Tons		Class II Conc. Cu. Yds.	Rein. Steel Lbs.	Average Pile Load in Tons	
20'	4.11	791	15.4		3.78	747	20.3		—	—	—	
25'	4.11	791	17.6		3.78	1118	23.3		—	—	—	
30'	4.11	791	19.9		—	—	—		3.76	747	19.7	
35'	4.11	970	22.1		—	—	—		3.76	920	22.0	
40'	4.11	1170	24.4		—	—	—		3.76	1118	24.2	

* To provide for future extension of bridge, the end bents are designed for same load as intermediate bents.
 Max. Pile Lengths: 12" R.C. Piles = 24 Piles
 14" R.C. Piles = 28 Piles

GENERAL NOTES:
 Construction Specs. Latest approved La. Dept. of Highways Std. Specs.
 Design Specs. AASHTO 1944.
 Live Load: H15-44.
 Reinforcing Steel shall be intermediate grade.
 All concrete to be class "A".
 All dimensions to reinforcing steel are to bar centers.
 Quantities computed assuming 12" piles.



APPROXIMATE QUANTITIES FOR PILES						
Pile Size	Driving Cap Totals		Variable Part Per Lin. Ft.		Tapered Part Totals	
	Conc. Cu. Yds.	Rein. Steel Lbs.	Conc. Cu. Yds.	Rein. Steel Lbs.	Conc. Cu. Yds.	Rein. Steel Lbs.
12"	None	None	.037	9	.085	49 *
14"	.031	36	.051	15	.170	112 **

* Includes steel projecting into cap.
 ** Includes 3" bars of lifting points.

STANDARD PLAN REIN. CONCRETE PILE BENTS FOR I-BEAM SPANS-H15 LOADING 20'-0" CLEAR RDWY. 1'-6" SIDEWALKS 20FT-25FT-30FT-35FT AND 40FT SPANS TO BE USED WITH STD. PLAN 5-C-58-15 DATED MAY 1946			
STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS			
DESIGNED Huey	CHECKED Huey	TRACED Huey	CHECKED Huey
BRIDGE DESIGN SECTION			