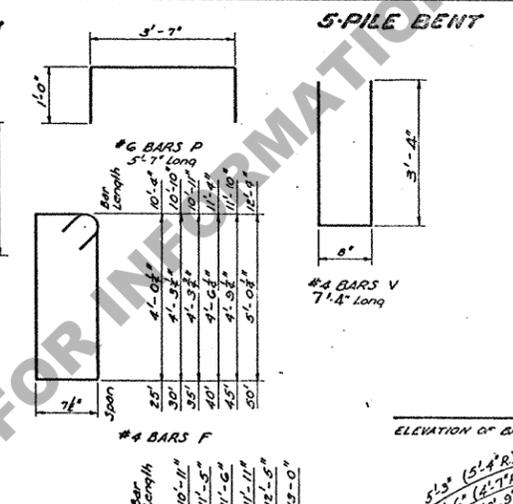
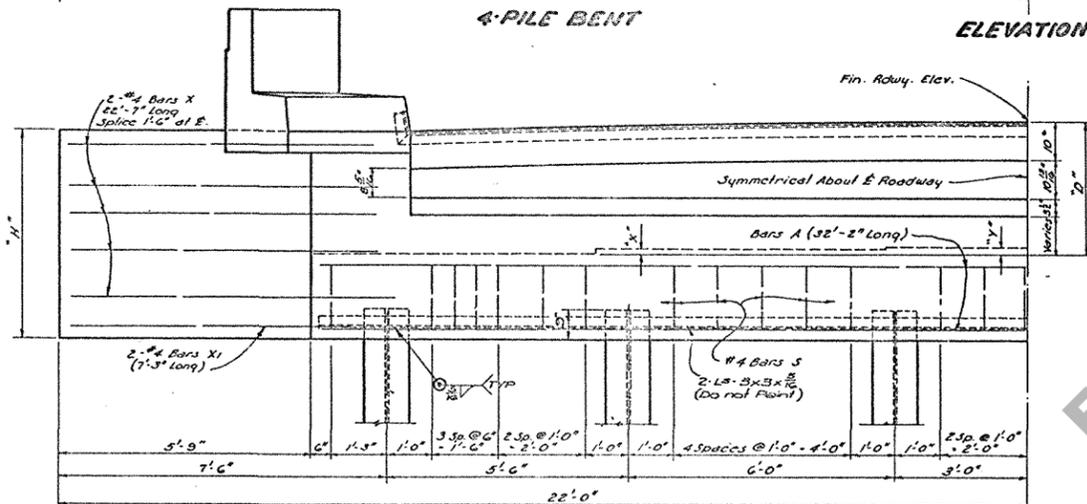
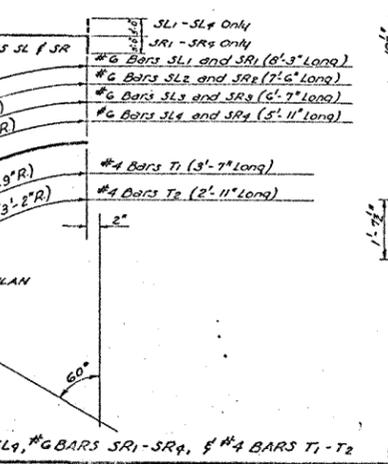
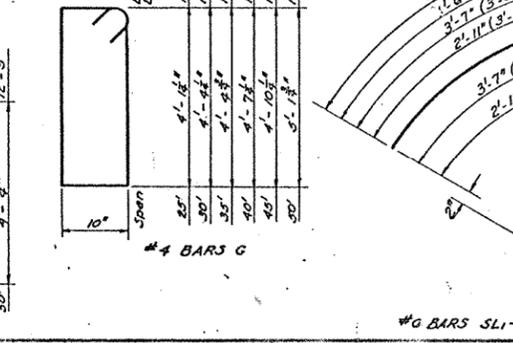
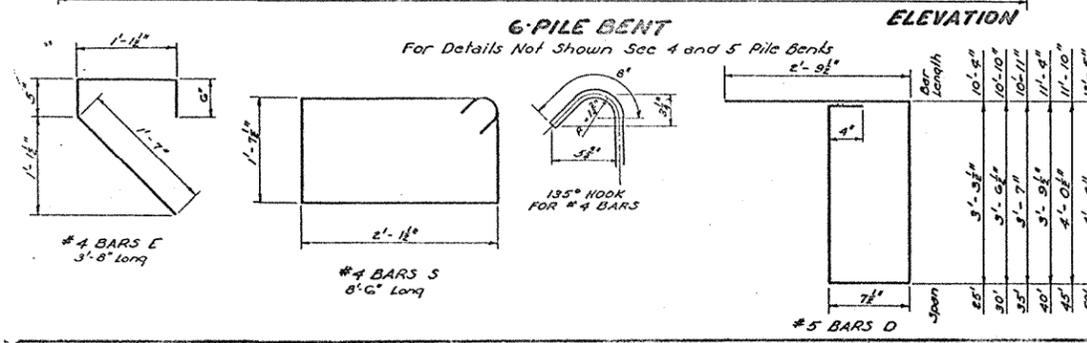


END BENT	GROUND TO GRADE FEET	SUBSOIL	BATTERED PILES
TYPE 1	0-5	Poor	0
	0-8	Good	0
TYPE 2	5-10	Poor	2
	8-16	Good	2



SPAN FEET	DIMENSIONS		4-PILES						5-PILES						6-PILES						FAB. CARBON STEEL	SPAN FEET		
	"X"	"Y"	TYPE		AV. PILE LOAD TONS	SIZE OF "A" REIN. BARS	TYPE		AV. PILE LOAD TONS	SIZE OF "A" REIN. BARS	TYPE		AV. PILE LOAD TONS	SIZE OF "A" REIN. BARS	TYPE		AV. PILE LOAD TONS	SIZE OF "A" REIN. BARS						
			ONE	TWO			ONE	TWO			ONE	TWO												
25	1 1/2	2 1/2	2-0 1/2	4-6	#9	13.83	2039	15.01	2443	27.2	#7	14.29	1761	15.47	2151	24.7	#7	14.27	1737	15.16	2127	22.9	770	25
30	1 1/2	2 1/2	2-11 1/2	4-9	#10	14.29	2276	15.47	2666	30.8	#8	14.27	1507	15.45	2206	27.4	#8	14.73	1925	15.91	2285	25.1	770	30
35	1 1/2	2 1/2	2-11 1/2	4-9 1/2	#10	14.29	2276	15.47	2666	30.8	#8	14.27	1507	15.45	2206	27.4	#8	14.73	1925	15.91	2285	25.1	770	35
40	1 1/2	2 1/2	3-2 1/2	5-0	#10	14.29	2276	15.47	2666	30.8	#8	14.27	1507	15.45	2206	27.4	#8	14.73	1925	15.91	2285	25.1	770	40
45	1 1/2	2 1/2	3-5 1/2	5-3	#10	14.29	2276	15.47	2666	30.8	#8	14.27	1507	15.45	2206	27.4	#8	14.73	1925	15.91	2285	25.1	770	45
50	1 1/2	2 1/2	3-8 1/2	5-6	#10	14.29	2276	15.47	2666	30.8	#8	14.27	1507	15.45	2206	27.4	#8	14.73	1925	15.91	2285	25.1	770	50



GENERAL NOTES:
 CONSTRUCTION SPECIFICATIONS: Latest approved La. Dept. of Hwys. Std. Specs.
 DESIGN SPECIFICATIONS: A.A.S.H.O. Std. Specs. for Highway Bridges, 1953 as amended to Dec. 31, 1955.
 Live Load: H 20-S16-44 Modified.
 Reinforcement bars shall be Intermediate or Hard Grade, A.S.T.M. A15 or Reil Steel, A.S.T.M. A16.
 All dimensions to reinforcing steel are to bar centers.
 Concrete and Steel in SIDEWALK CURB FLARE and HANDRAIL FLARE are included in Bent Cap Quantities and are to be paid for as part of Bent.
 Wing Walls are detailed for 44'0" Crown.
 To provide for future extension of Bridge the End Bent is designed for same loads as Int. Bents.

STANDARD PLAN STEEL BEARING PILE BENTS FOR 25' TO 50' 1-BEAM SPANS LIVE LOAD H20-S16-44 MODIFIED 28'-0" ROADWAY 1'-6" SIDEWALK DATED APRIL 3, 1958			
STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS			
DESIGNED <i>P. Rie</i>	DETAILED <i>P. Rie</i>	TRACED <i>A. Jones</i>	
CHECKED <i>P. Rie</i>	CHECKED <i>E. G. Mac</i>	CHECKED <i>J. Lee</i>	
BRIDGE DESIGN SECTION			