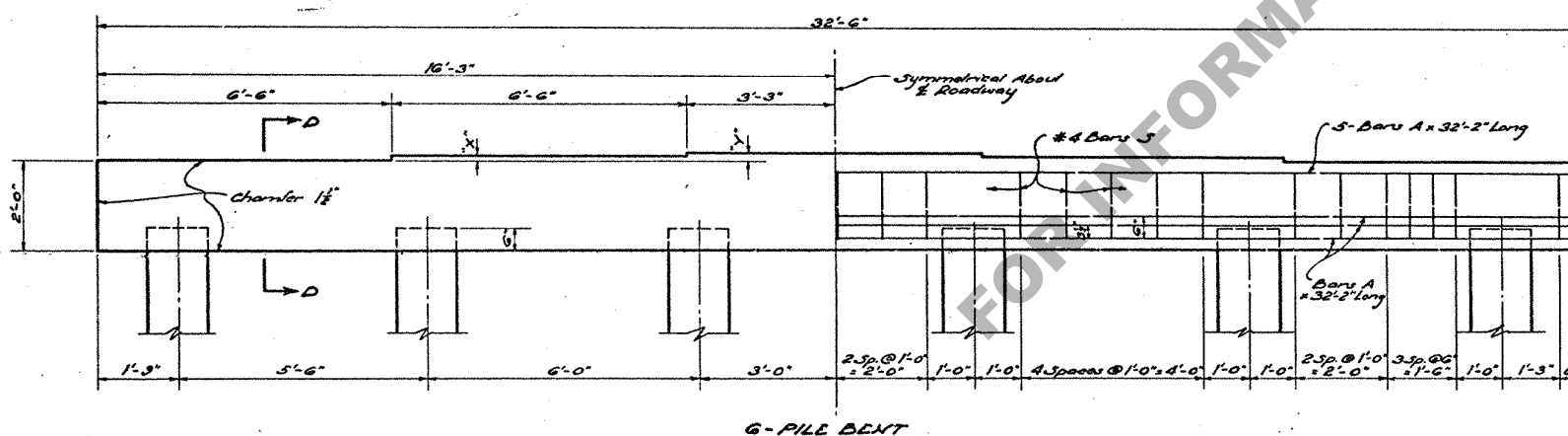
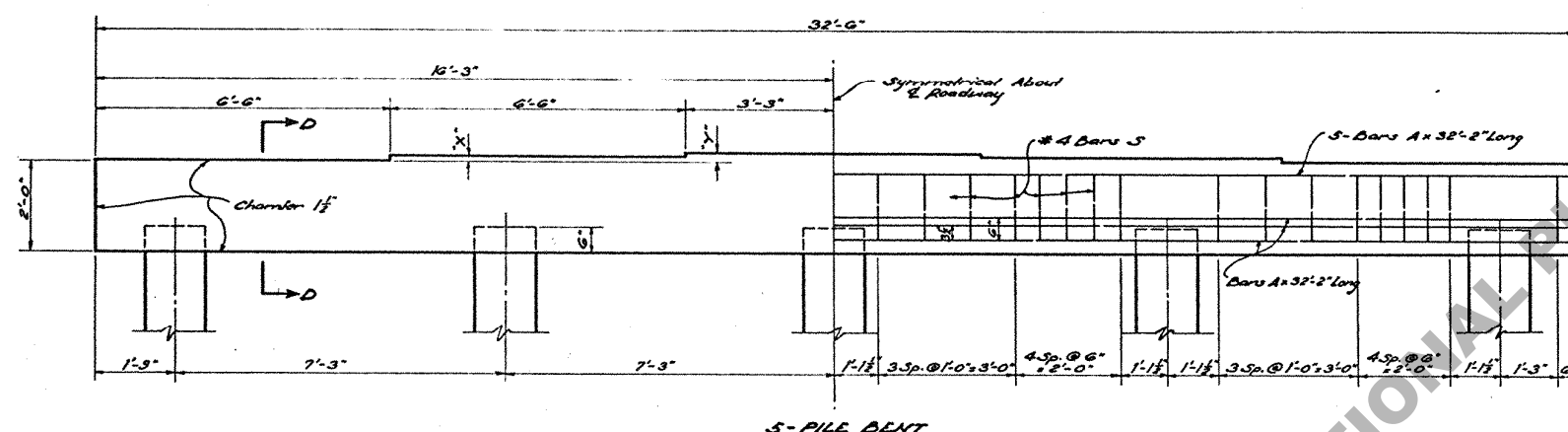
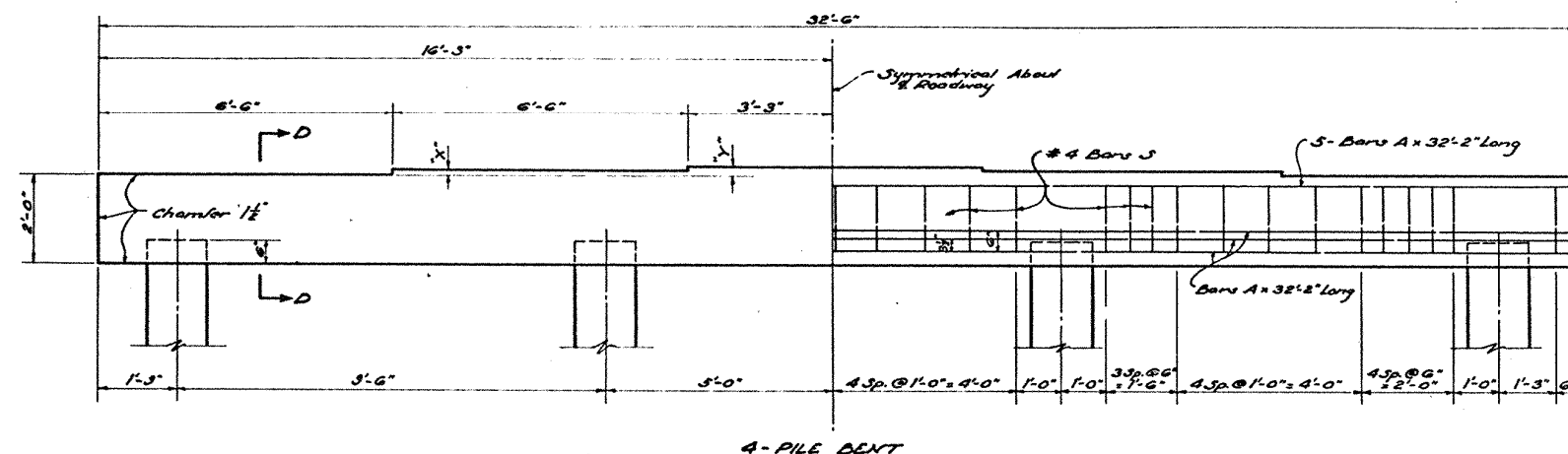
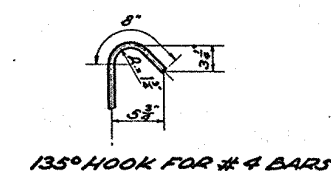
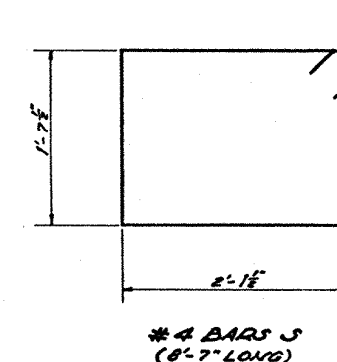
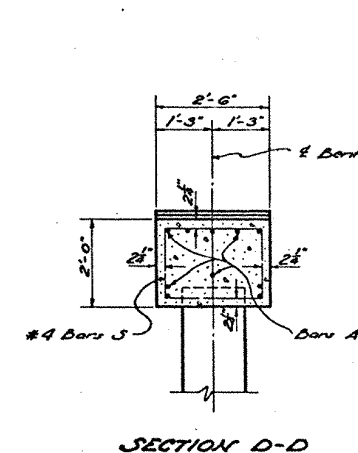




INTERMEDIATE BENTS

INTERMEDIATE BENT QUANTITIES - DIMENSIONS - PILE LOADS															
SPAN	DIMENSIONS			4 - PILES			5 - PILES				6 - PILES				SPAN
	"X"	"Y"	SIZE OF A BARS	CLASS "A" CONC.	DEF. REIN. STEEL	AV. PILE LOAD	SIZE OF A BARS	CLASS "A" CONC.	DEF. REIN. STEEL	AV. PILE LOAD	SIZE OF A BARS	CLASS "A" CONC.	DEF. REIN. STEEL	AV. PILE LOAD	
FT.	IN.	IN.	CU. YDS.	LBS.	TONS		CU. YDS.	LBS.	TONS.		CU. YDS.	LBS.	TONS	FT.	
20	1 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "	#9	G. 21	1235	24.3									20
25	1 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "	#9	G. 21	1235	27.5									25
30	1 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "	#10	G. 19	1585	31.0	#7	G. 17	852	24.8					30
35	1 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "					#7	G. 18	852	27.5					35
40	1 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "					#7	G. 20	852	30.4	#8	G. 18	1025	25.3	40
45	1 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "									#8	G. 16	1025	27.7	45
50	1 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "									#9	G. 14	1260	30.4	50



INTERMEDIATE BENTS

STANDARD PLAN
REINFORCED CONCRETE PILE BENTS
20'-0" THRU 50'-0" SPANS
28'-0" CLEAR ROADWAY 1'-6" SIDEWALKS
FOR 1-BEAM SPANS H20-S16-44 LOADING
TO BE USED WITH STD. PLAN S-C-39-20

DATED Sept 24 1954

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

				STATE OF LOUISIANA		
				DEPARTMENT OF HIGHWAYS		
5-24-56	Plan for Extension to 1955 A. S. M. Co. Spans of Railroad	R.T.	100	DESIGNED <i>H. E. Russo</i>	DETAILED <i>H. E. Russo</i>	TRACED <i>H. E. Russo</i>
DATE	DESCRIPTION	BY		CHECKED <i>H. E. Russo</i>	CHECKED <i>H. E. Russo</i>	CHECKED <i>H. E. Russo</i>
REVISIONS		BRIDGE DESIGN SECTION				