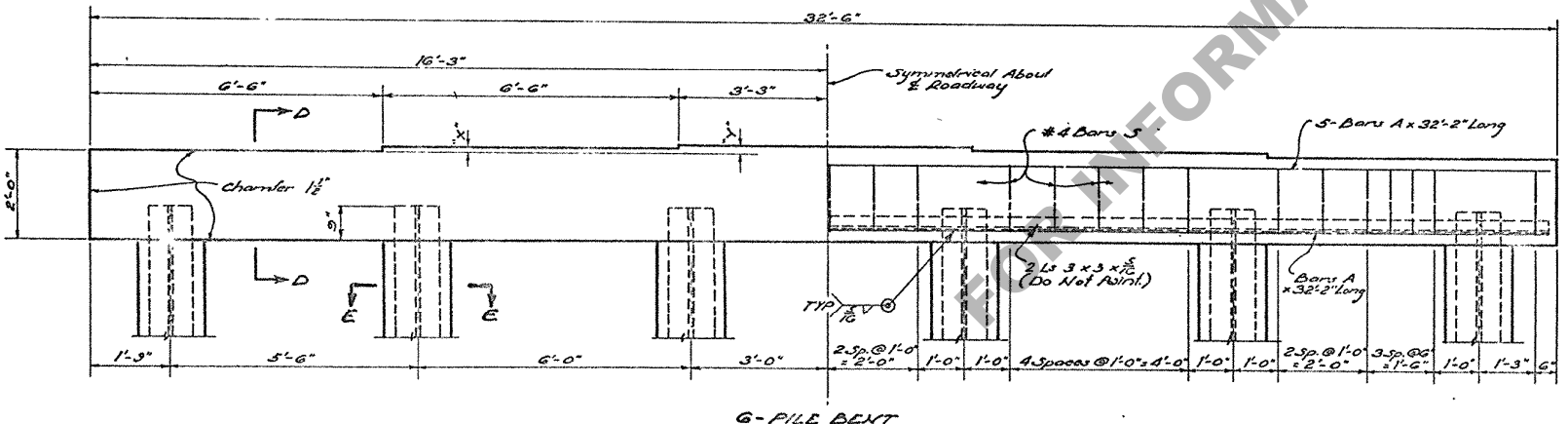
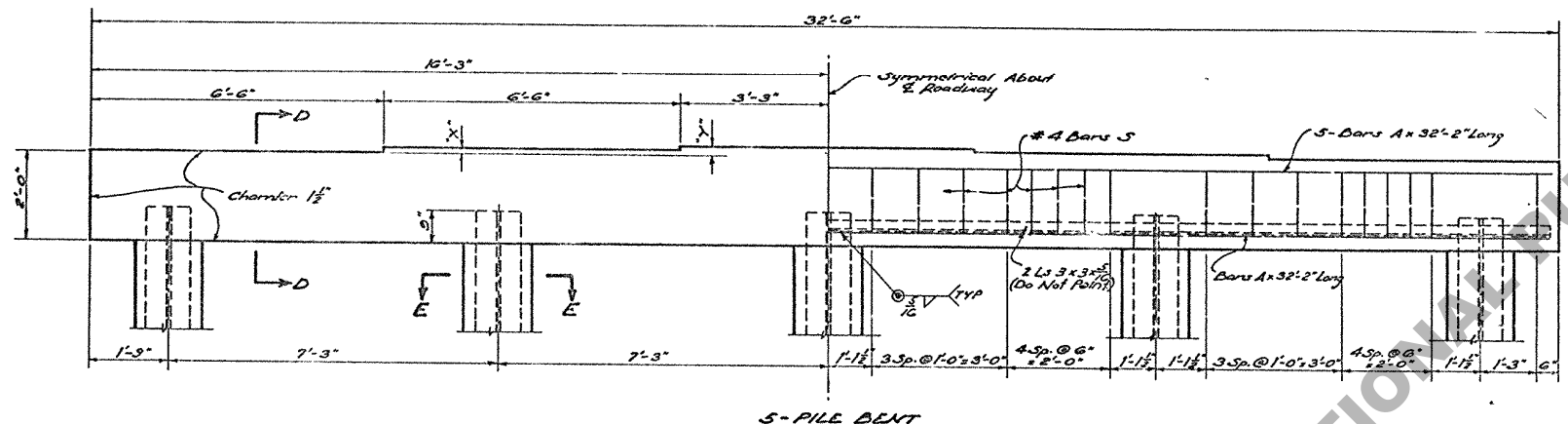
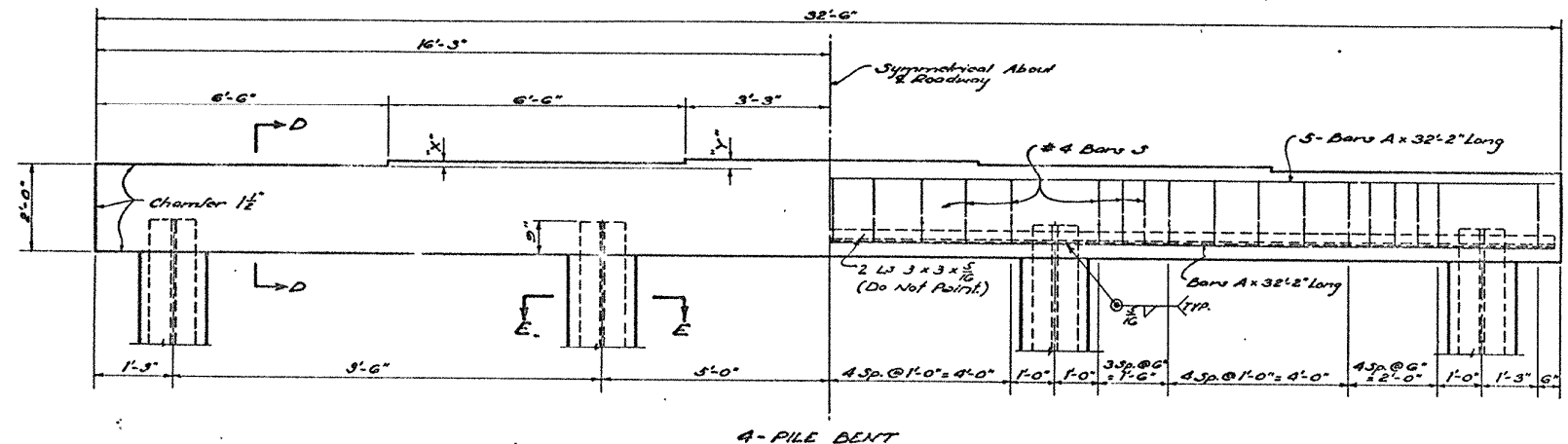
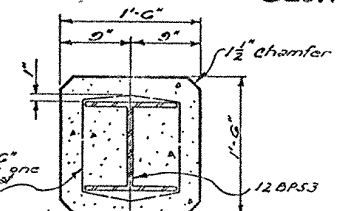
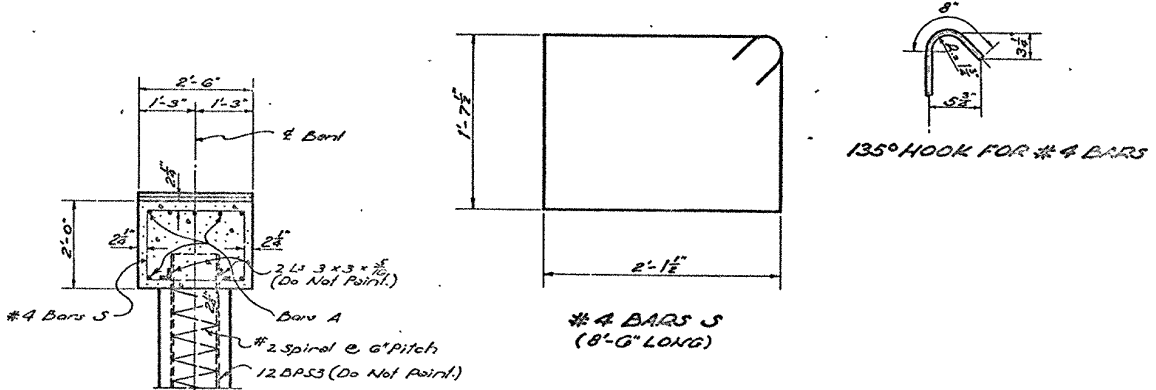




INTERMEDIATE BENTS

QUANTITIES FOR PILE ENCASEMENT PER FOOT OF PILE	
CLASS "A" CONCRETE =	0.0793 CU. YDS.
DEF. REINF. STEEL =	13.465 LBS.

INTERMEDIATE BENT QUANTITIES - DIMENSIONS - PILE LOADS																	
SPAN	DIMENSIONS		4 - PILES				5 - PILES				6 - PILES				REINFORCED CARBON STEEL	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.	LB.S.	TONS		CU.YDS.	LB.S.	TONS.		CU.YDS.	LB.S.	TONS.	LB.S.	FT.	
25	18 ⁵ / ₈	2 ³ / ₈	#9	G.25	96.4	27.2										100	25
30	18 ⁵ / ₈	2 ³ / ₈	#10	G.25	116.8	30.8	#7	G.25	G.54	24.7						100	30
35	18 ⁵ / ₈	2 ³ / ₈					#8	G.27	79.5	27.4	#7	G.26	G.25	22.9		100	35
40	18 ⁵ / ₈	2 ³ / ₈					#8	G.28	79.5	30.2	#8	G.28	79.5	25.1		100	40
45	18 ⁵ / ₈	2 ³ / ₈					#8	G.27	79.5	33.2	#8	G.26	79.5	27.7		100	45
50	18 ⁵ / ₈	2 ³ / ₈					#9	G.25	96.4	36.4	#8	G.24	79.5	30.3		100	50



Encase All Piles From Bottom of Cap to 3'-0" Below Ground Elevation.

INTERMEDIATE BENTS		
STANDARD PLAN		
STEEL BEARING PILE BENTS		
FOR 25' TO 50' I-BEAM SPANS		
LIVE LOAD H20-S16-44 MODIFIED		
28'-0" ROADWAY 1'-6" SIDEWALK		
DATED FEB. 19, 1959		
STATE OF LOUISIANA		
DEPARTMENT OF HIGHWAYS		
DESIGNED	DETAILED	TRACED BY MONROE
CHECKED	CHECKED	CHECKED
BRIDGE DESIGN SECTION		