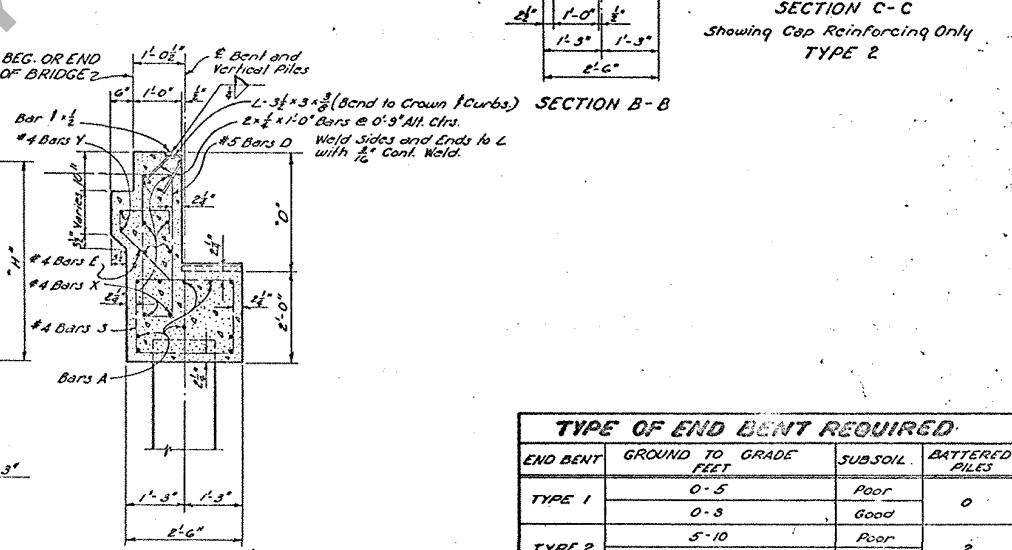
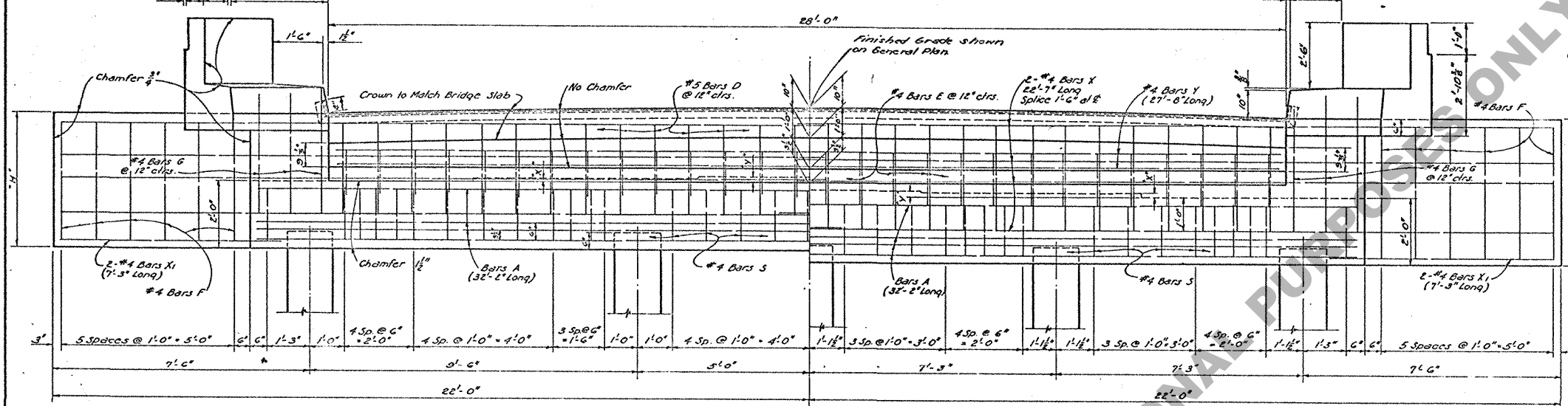
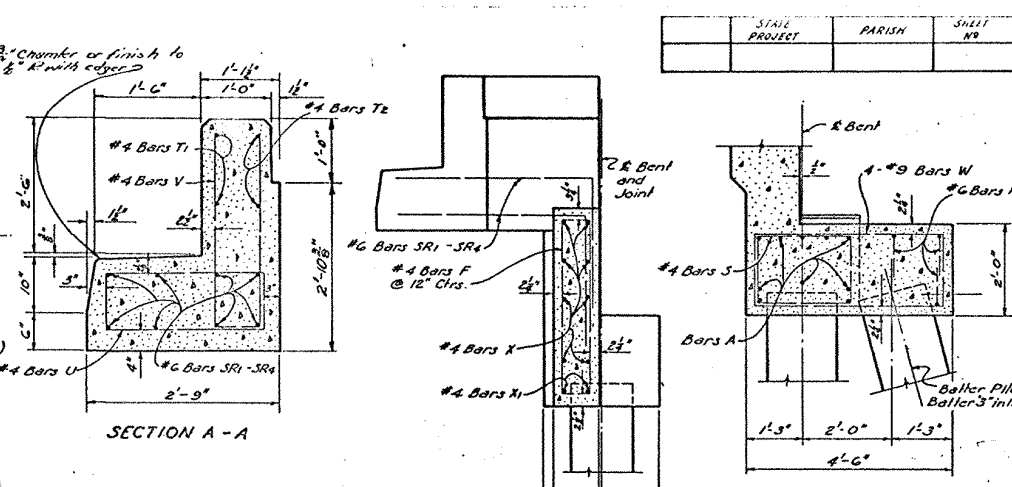
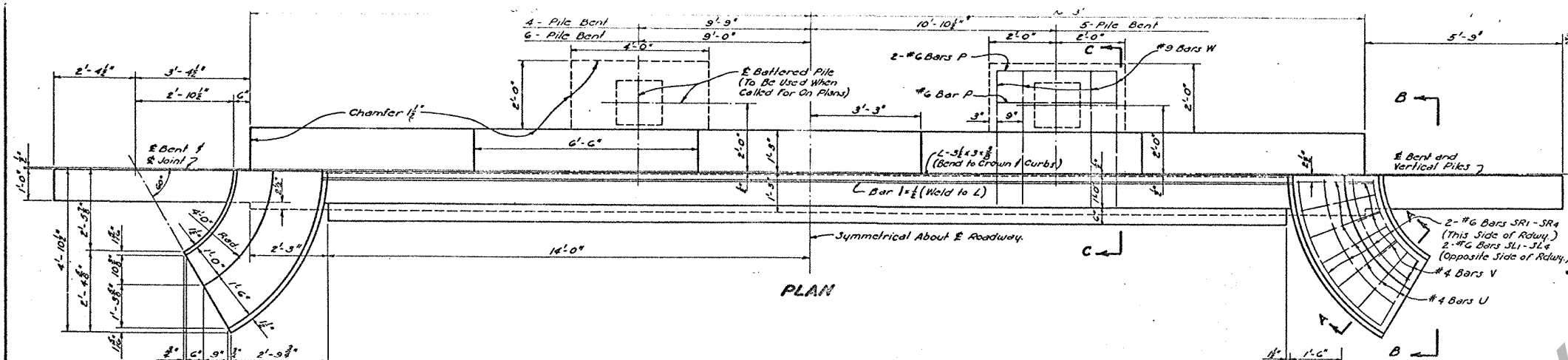
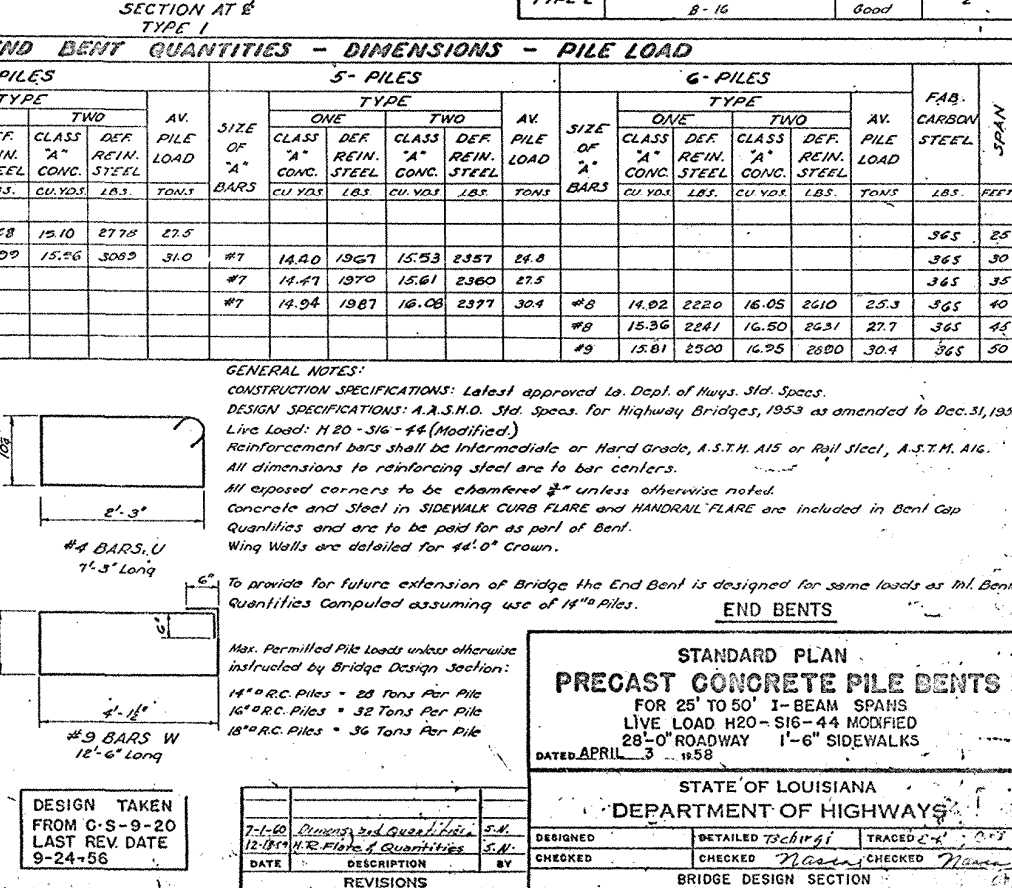
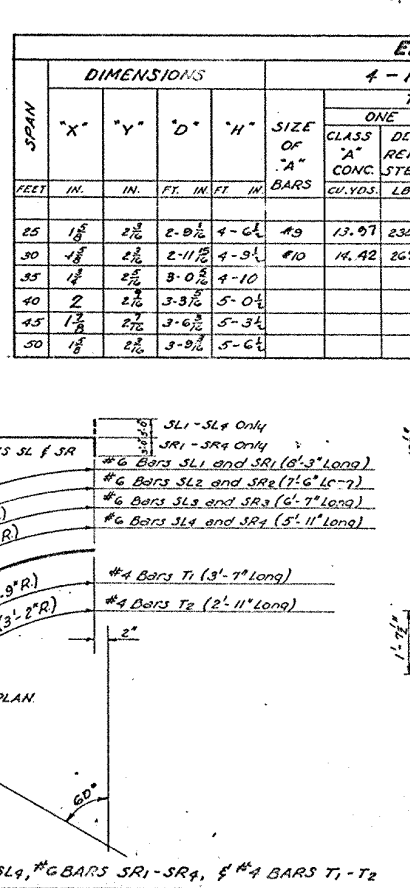
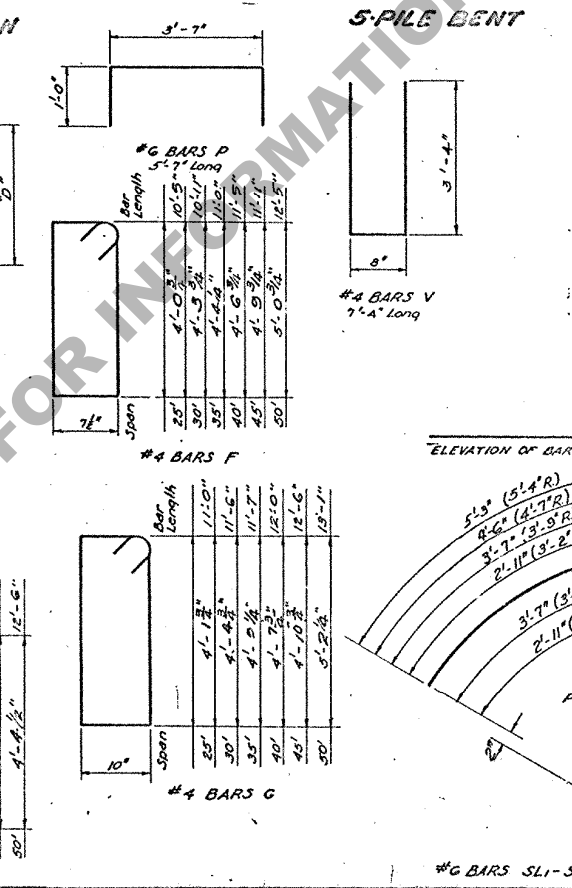
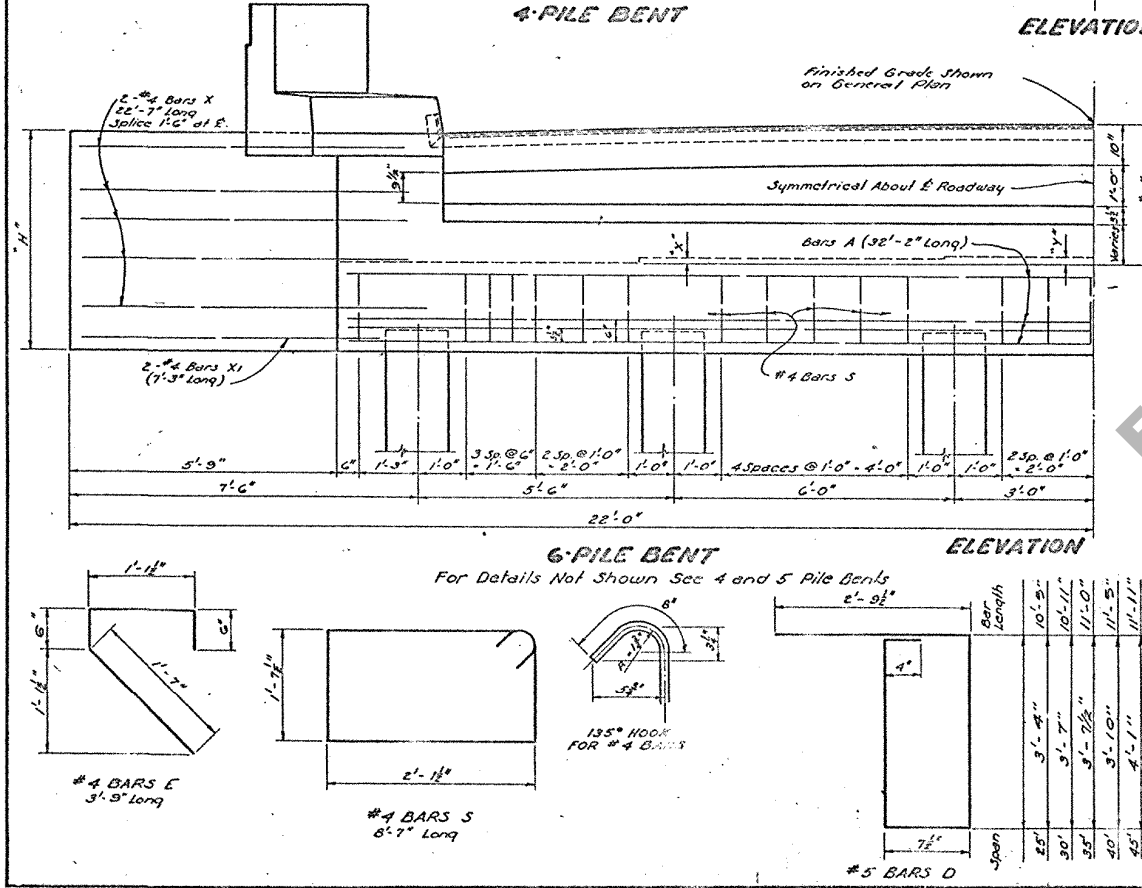




END BENT	GROUND TO GRADE FEET	SUBSOIL	BATTERED PILES
TYPE 1	0-5	Poor	0
TYPE 2	5-10	Good	2

END BENT QUANTITIES - DIMENSIONS - PILE LOAD																									
SPAN	DIMENSIONS				4 - PILES					5 - PILES					6 - PILES					FAB. CARBON STEEL	SPAN				
	"X"	"Y"	"D"	"H"	SIZE OF "A" BARS	TYPE				AV. PILE LOAD TONS	SIZE OF "A" BARS	TYPE				AV. PILE LOAD TONS	SIZE OF "A" BARS	TYPE				AV. PILE LOAD TONS			
						CLASS "A" CONC.	DEF. REIN. STEEL	CLASS "A" CONC.	DEF. REIN. STEEL			CLASS "A" CONC.	DEF. REIN. STEEL	CLASS "A" CONC.	DEF. REIN. STEEL			CLASS "A" CONC.	DEF. REIN. STEEL				CLASS "A" CONC.	DEF. REIN. STEEL	
FEET	IN.	IN.	FT.	IN.	FT.	IN.	CU. YDS.	LBS.	CU. YDS.	LBS.	TONS	BARS	CU. YDS.	LBS.	CU. YDS.	LBS.	TONS	BARS	CU. YDS.	LBS.	CU. YDS.	LBS.	TONS	LBS.	FEET
25	18	2 1/2	2-0 1/2	4-6 1/2	#9	13.97	2368	15.10	2775	27.5	#7	14.40	1967	15.53	2357	24.8	#8	14.92	2220	16.05	2610	25.3	365	25	
30	18	2 1/2	2-1 1/2	4-9 1/2	#10	14.42	2629	15.26	3085	31.0	#7	14.47	1970	15.61	2360	27.5	#8	15.36	2241	16.50	2631	27.7	365	30	
35	18	2 1/2	3-0 1/2	4-10	#10	14.47	2629	15.26	3085	31.0	#7	14.47	1970	15.61	2360	27.5	#8	15.81	2200	16.25	2600	30.4	365	35	
40	2	2 1/2	3-3 1/2	5-0 1/2	#10	14.47	2629	15.26	3085	31.0	#7	14.47	1970	15.61	2360	27.5	#8	15.81	2200	16.25	2600	30.4	365	40	
45	18	2 1/2	3-6 1/2	5-3 1/2	#10	14.47	2629	15.26	3085	31.0	#7	14.47	1970	15.61	2360	27.5	#8	15.81	2200	16.25	2600	30.4	365	45	
50	18	2 1/2	3-9 1/2	5-6 1/2	#10	14.47	2629	15.26	3085	31.0	#7	14.47	1970	15.61	2360	27.5	#8	15.81	2200	16.25	2600	30.4	365	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 Rail Steel, A.S.T.M. A16.
 All dimensions to reinforcing steel are to bar centers.
 All exposed corners to be chamfered 3" unless otherwise noted.
 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.
 Quantities Computed assuming use of 14"0 Piles.



FOR 25' TO 50' 1-BEAM SPANS LIVE LOAD H20-S16-44 MODIFIED 28'-0" ROADWAY 1'-6" SIDEWALKS			
DATED APRIL 3, 1958			
STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS			
DESIGNED	BY	CHECKED	BY
7-1-60	DESIGNED AND QUANTIFIED	5-1-61	CHECKED
12-15-61	REVISION	5-1-61	CHECKED
BRIDGE DESIGN SECTION			