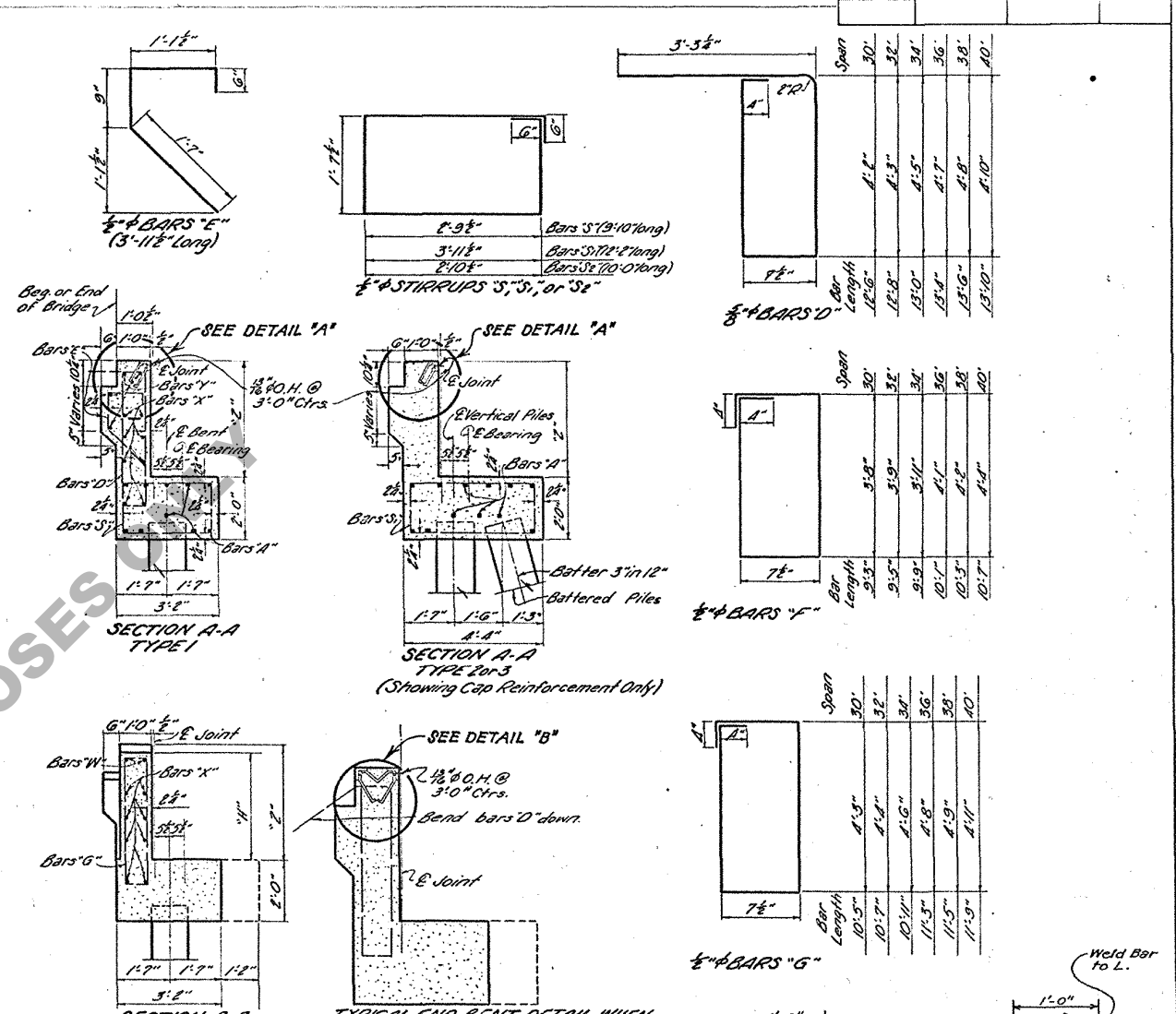
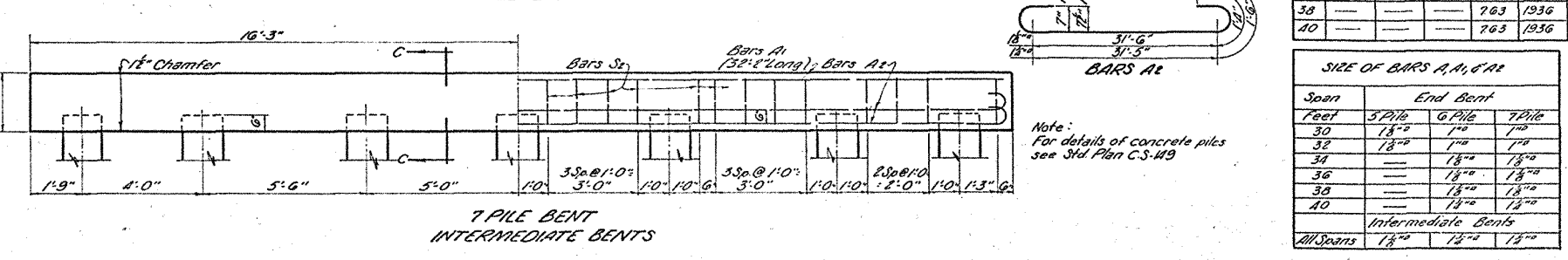
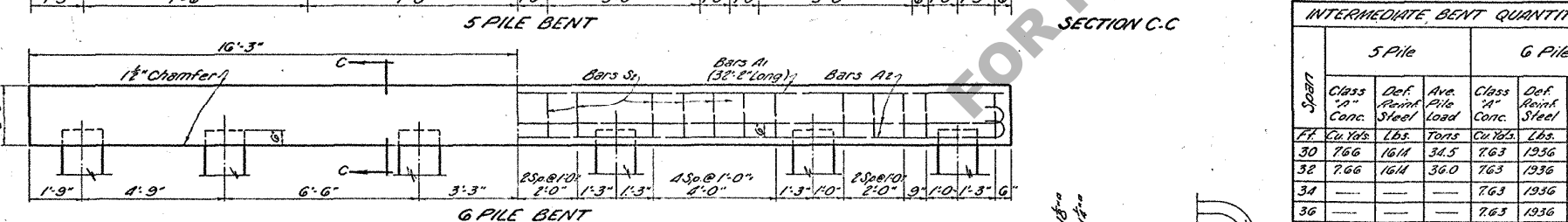
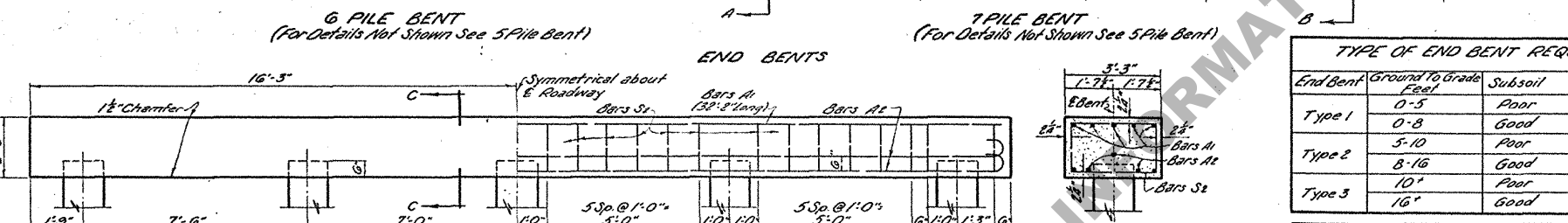
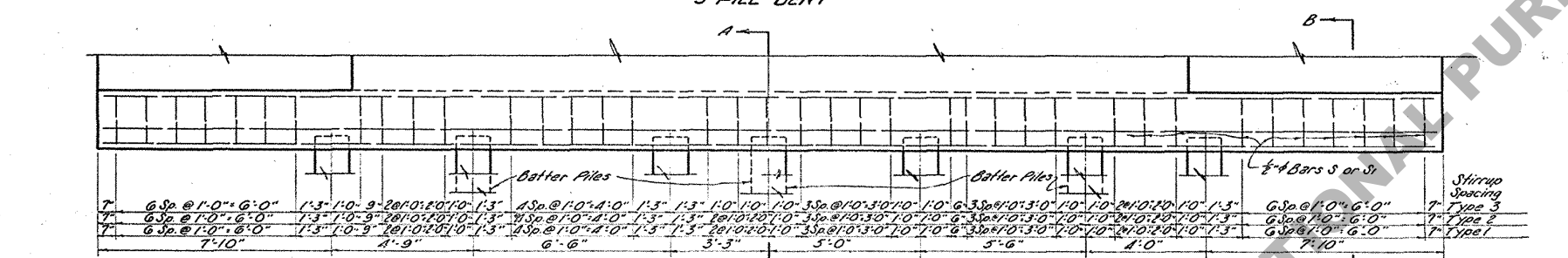
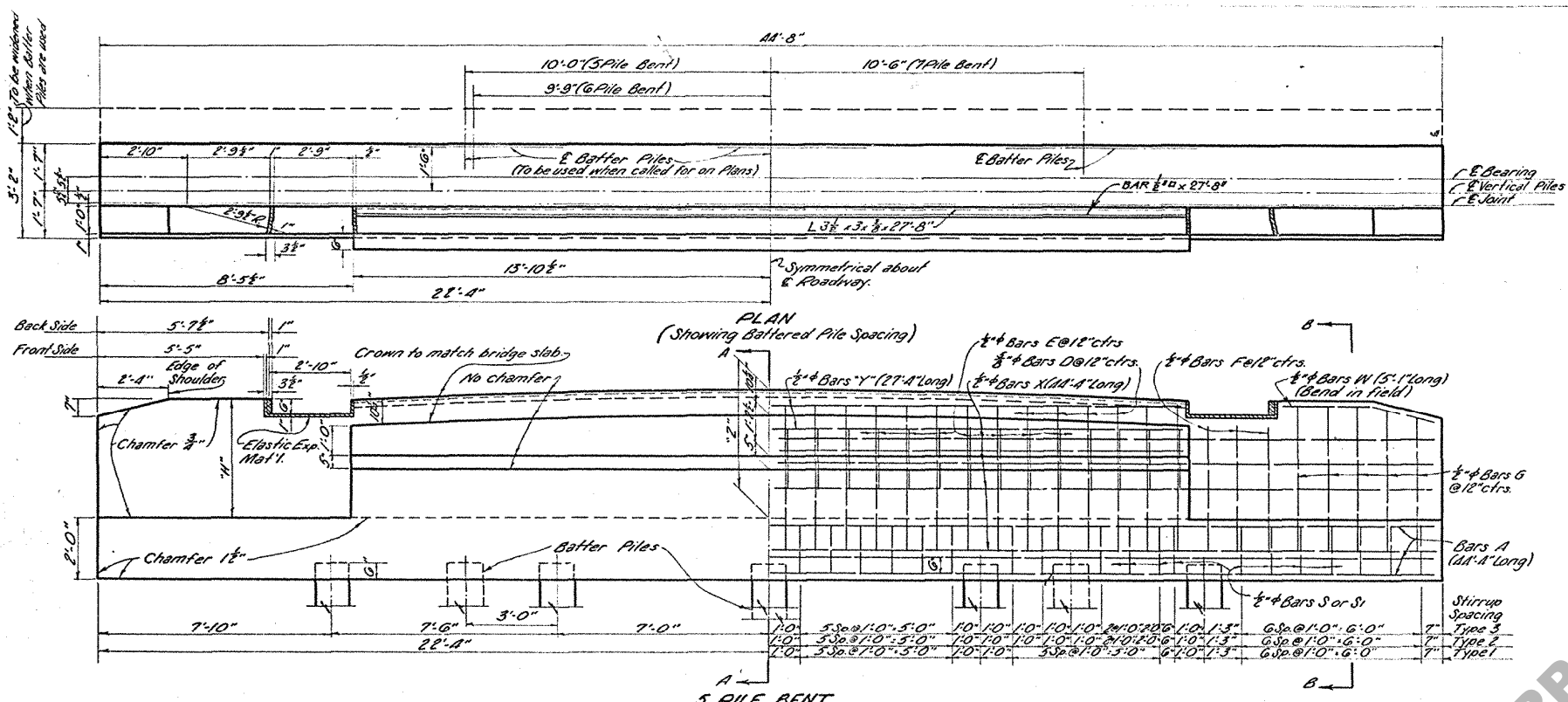




End Bent	Ground to Grade	Subsoil	Battered Piles
Type 1	0-5	Good	0
Type 2	5-10	Good	2
Type 3	10-16	Good	3

GENERAL NOTES:
 Construction Specifications: Latest approved La. Hwy.
 Dept. Std. Specifications.
 Design Specifications: A.R.S.H.O., 1944.
 Live Load: A20S16 1944.
 All concrete to be Class "A".
 All dimensions to reinforcing steel are to bar centers.
 Quantities computed assuming use of 16" piling.
 Cost of expansion material to be included in price bid for other items.

INTERMEDIATE BENT QUANTITIES AND PILE LOADS										END BENT QUANTITIES,* DIMENSIONS, AND PILE LOADS *																									
Span	5 Pile			6 Pile			7 Pile			Span	Dimen		5 Pile					6 Pile					7 Pile					Fab. Car. Steel	Span						
	Class "A" Conc.	Def. Reinf. Steel	Ave. Pile Load	Class "A" Conc.	Def. Reinf. Steel	Ave. Pile Load	Class "A" Conc.	Def. Reinf. Steel	Ave. Pile Load		H	Z	Type			Type			Type			Type			Ave. Pile Load										
													One	Two	Three	One	Two	Three	One	Two	Three	One	Two	Three											
																										Class "A" Conc.	Def. Reinf. Steel			Conc. Steel	Class "A" Conc.	Def. Reinf. Steel	Conc. Steel	Class "A" Conc.	Def. Reinf. Steel
30	766	164	34.5	763	1936	28.8	759	1943	24.7	30	5-4	3-6 1/2	16.53	5039	2038	3467	2035	3467	34.5	16.55	2620	2035	2979	2032	2979	28.8	16.52	2625	2031	2987	2028	2987	24.7	290	30
32	766	164	36.0	763	1936	30.2	759	1943	25.9	32	5-5	3-7 1/2	16.73	5045	2052	3474	2049	3474	36.0	16.69	2626	2049	2985	2046	2977	30.2	16.66	2632	2045	2995	2042	2995	25.9	290	32
34	---	---	---	763	1936	31.8	759	1943	27.3	34	5-7	3-9 1/2	---	---	---	---	---	---	---	16.98	5039	2070	3479	2075	3471	31.8	16.95	3046	2074	3487	2071	3487	27.3	290	34
36	---	---	---	763	1936	33.4	759	1943	28.7	36	5-9	3-11 1/2	---	---	---	---	---	---	---	17.27	5053	2107	3498	2104	3484	33.4	17.24	3059	2105	3507	2100	3507	28.7	290	36
38	---	---	---	763	1936	34.8	759	1943	29.9	38	5-10	4-0	---	---	---	---	---	---	---	17.48	5066	2122	3499	2119	3491	34.8	17.39	3066	2118	3507	2115	3507	29.9	290	38
40	---	---	---	763	1936	36.0	759	1943	31.3	40	4-0	4-2 1/2	---	---	---	---	---	---	---	17.71	5081	2151	3509	2148	3491	36.0	17.68	3087	2147	3509	2144	3509	31.3	290	40

Span	End Bent	5 Pile	6 Pile	7 Pile
30	18"	18"	18"	18"
32	18"	18"	18"	18"
34	18"	18"	18"	18"
36	18"	18"	18"	18"
38	18"	18"	18"	18"
40	18"	18"	18"	18"

STANDARD PLAN
 REINFORCED CONCRETE PILE BENTS
 FOR R.C.D.G. SPANS - H.W. S16-44 LOADING
 28'-0" CLEAR ROADWAY - 1'-6" SIDEWALKS
 30 FT. - 40 FT. SPANS
 DATED MAY, 1953 TO BE USED WITH C.G. 12-20 REVISED

STATE OF LOUISIANA
 DEPARTMENT OF HIGHWAYS

DESIGNED BY: [Signature]
 CHECKED BY: [Signature]
 TRACED BY: [Signature]
 CHECKED BY: [Signature]

BRIDGE DESIGN SECTION