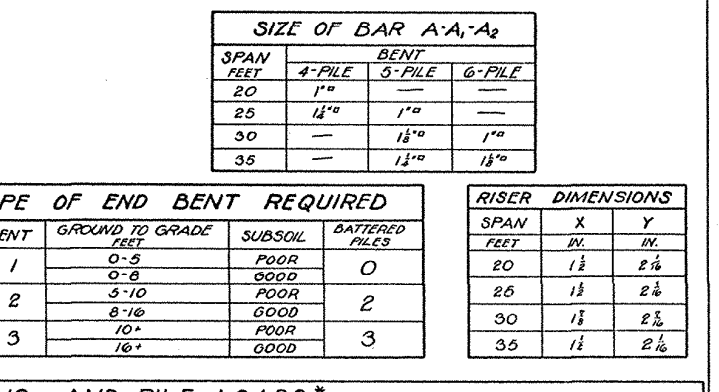
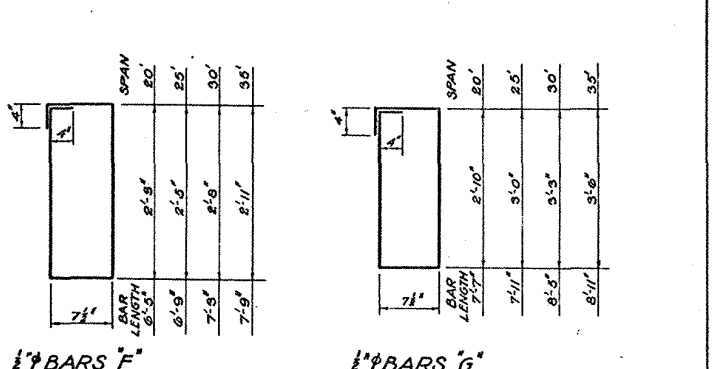
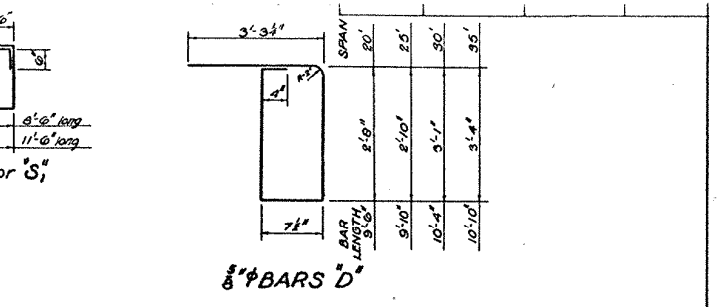
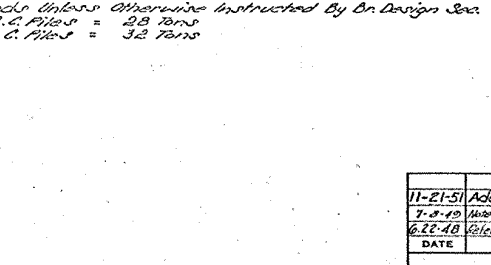
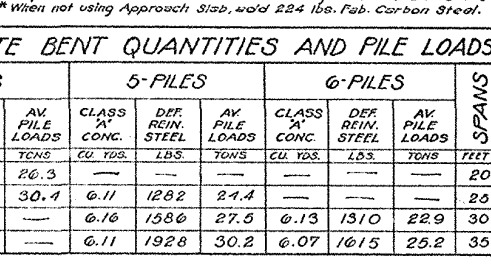
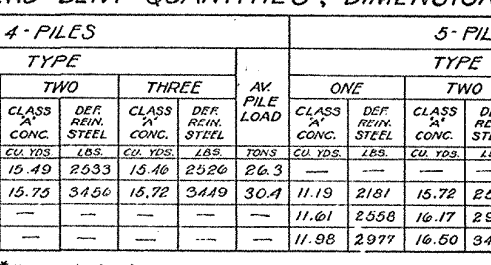
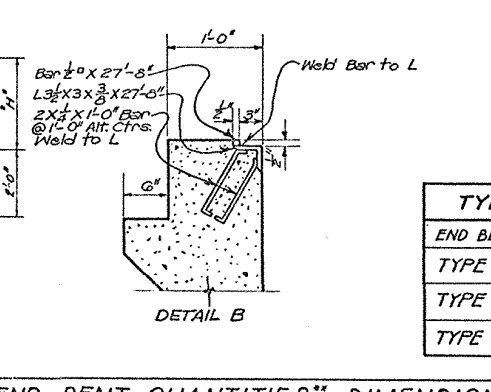
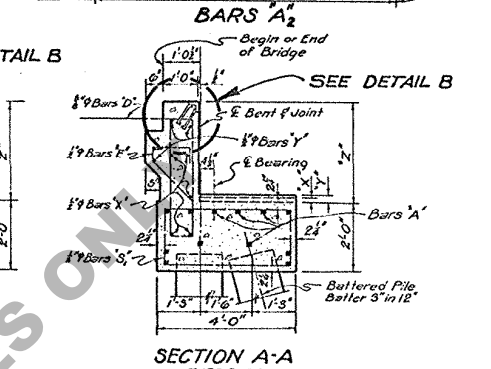
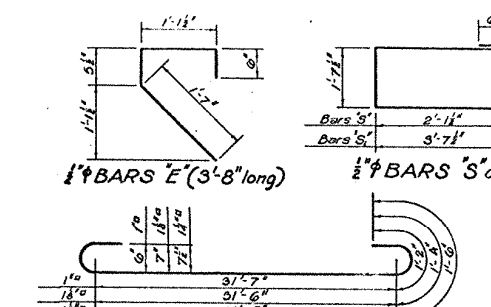
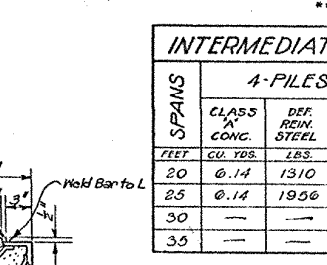
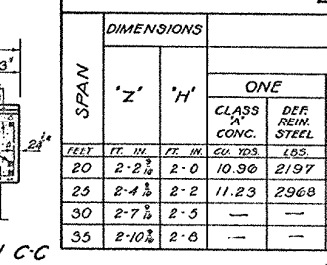
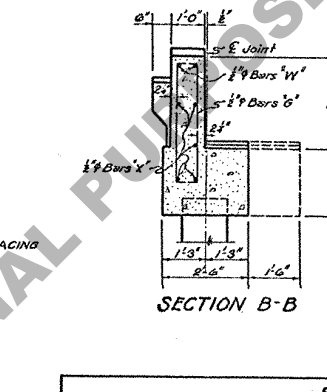
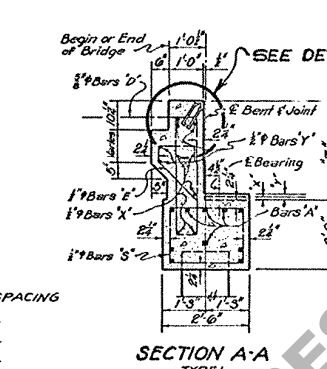
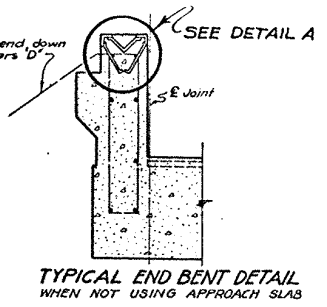
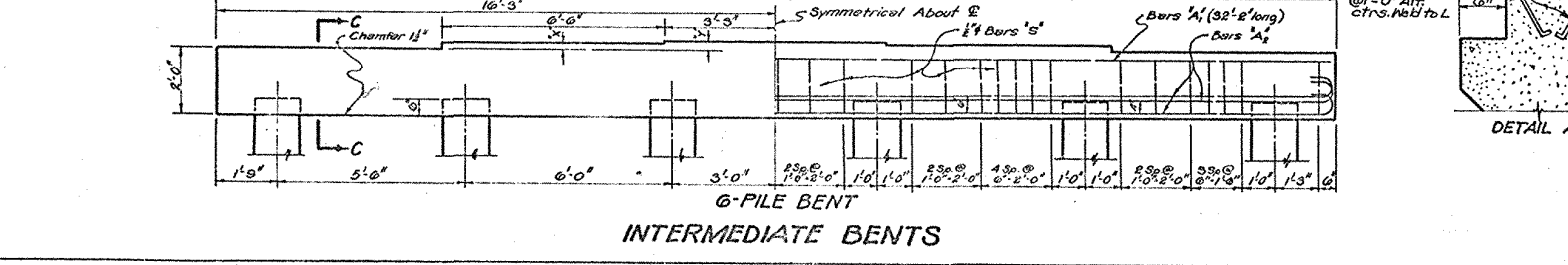
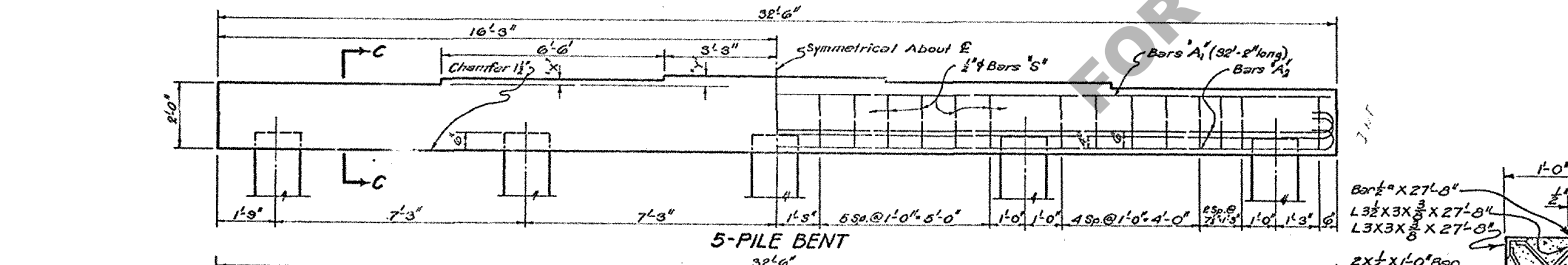
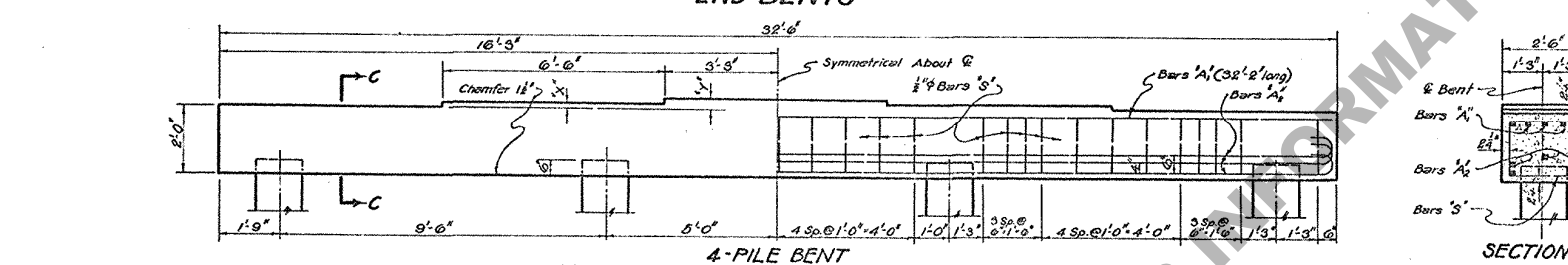
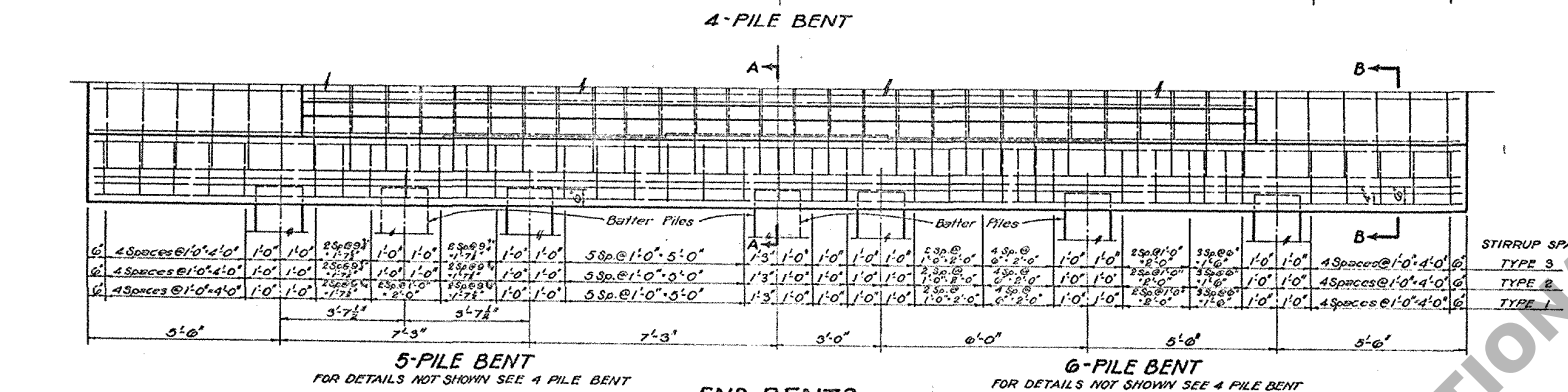
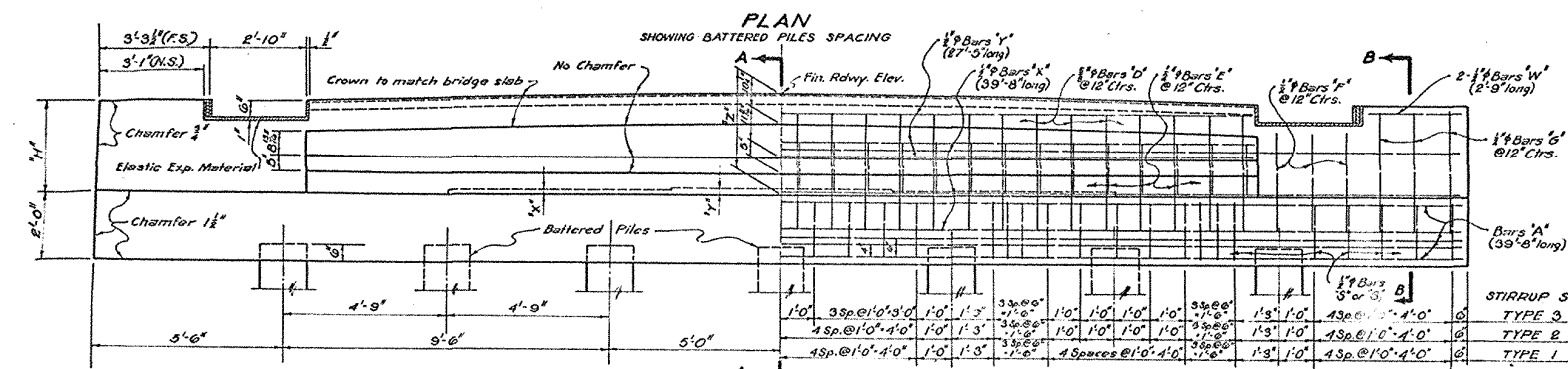
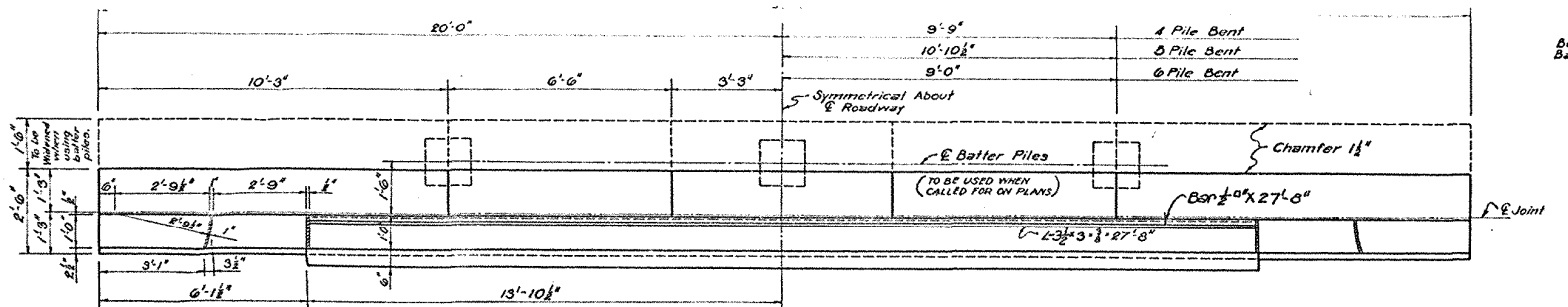


END BENT QUANTITIES*, DIMENSIONS, AND PILE LOADS*																												
SPAN	DIMENSIONS		4-PILES								5-PILES								6-PILES								FAB. CARBON STEEL	SPAN
	'Z'	'H'	TYPE						AV. PILE LOAD	TYPE						AV. PILE LOAD	TYPE						AV. PILE LOAD					
			ONE		TWO		THREE			ONE		TWO		THREE			ONE		TWO		THREE							
			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		CLASS 'A' CONC.	DEF. REIN. STEEL	CLASS 'A' CONC.	DEF. REIN. STEEL	CLASS 'A' CONC.	DEF. REIN. STEEL						
			CU. YDS.	LBS.	CU. YDS.	LBS.	CU. YDS.	LBS.		TONS	CU. YDS.	LBS.	CU. YDS.	LBS.	TONS		CU. YDS.	LBS.	CU. YDS.	LBS.	TONS	CU. YDS.		LBS.	CU. YDS.	LBS.		
FEET	FE. IN.	FE. IN.																										
20	2'-2 1/2	2'-0	10.96	2197	15.49	2533	15.46	2526	26.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	293	20		
25	2'-4 1/2	2'-2	11.23	2968	15.75	3456	15.72	3449	30.4	11.19	2181	15.72	2507	15.69	2507	24.4	—	—	—	—	—	—	—	—	—	293	25	
30	2'-7 1/2	2'-5	—	—	—	—	—	—	—	11.61	2558	16.17	2956	16.14	2956	27.5	11.58	2228	16.14	2580	16.11	2572	22.9	293	30			
35	2'-10 1/2	2'-8	—	—	—	—	—	—	—	11.98	2977	16.50	3465	16.47	3455	30.2	11.94	2205	16.47	3028	16.44	3020	25.2	293	35			

** When not using Approach Slab, w'd 22.4 lbs. Fab. Carbon Steel.

INTERMEDIATE BENT QUANTITIES AND PILE LOADS

SPANS	4-PILES			5-PILES			6-PILES			SPANS
	CLASS A CONC.	DEF. REIN. STEEL	AV. PILE LOADS	CLASS A CONC.	DEF. REIN. STEEL	AV. PILE LOADS	CLASS A CONC.	DEF. REIN. STEEL	AV. PILE LOADS	
FEET	CU. YDS.	LBS.	TONS	CU. YDS.	LBS.	TONS	CU. YDS.	LBS.	TONS	FEET
20	6.14	1310	26.3	—	—	—	—	—	—	20
25	6.14	1956	30.4	6.11	1282	27.4	—	—	—	25
30	—	—	—	6.16	1586	27.5	6.13	1310	22.9	30
35	—	—	—	6.11	1928	30.2	6.07	1615	25.2	35

~Nad Bar to L

GENERAL NOTES—

Construction Specifications: Latest approved La. Hwy. Dept. Std. Specifications.
 Design Specifications: A.A.S.H.O. 1944, as amended Dec. 18, 1944.
 Live Load: H20-S16-44.
 Reinforcing Steel to be Intermediate Grade.
 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.

Max. Pile Loads Unless Otherwise Indicated By On Design See
 14" R.C. Piles = 28 Tons
 16" R.C. Piles = 32 Tons

GENERAL NOTES—
 Construction Specifications: Latest approved La. Hwy. Dept. Std. Specifications.
 Design Specifications: A.A.S.H.O. 1944, as amended Dec. 18, 1944.
 Live Load: H20-S16-44.
 Reinforcing Steel to be Intermediate Grade.
 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.

STANDARD PLAN
 REINFORCED CONCRETE PILE BENTS
 FOR 1-BM SPANS H20-S16-44 LOADING
 28'-0" CLEAR ROADWAY 1'-6" SIDEWALK
 20' TO 35' SPANS
 TO BE USED WITH STD. PLAN 5-C-37-20 REV.
 DATED May 3, 1947

STATE OF LOUISIANA
 DEPARTMENT OF HIGHWAYS

DESIGNED *Stacy* CHECKED *Huey* TRACED *Huey*
 DATE *11-21-51* BY *Added Cover*

BRIDGE DESIGN SECTION
 C-S-61A-20