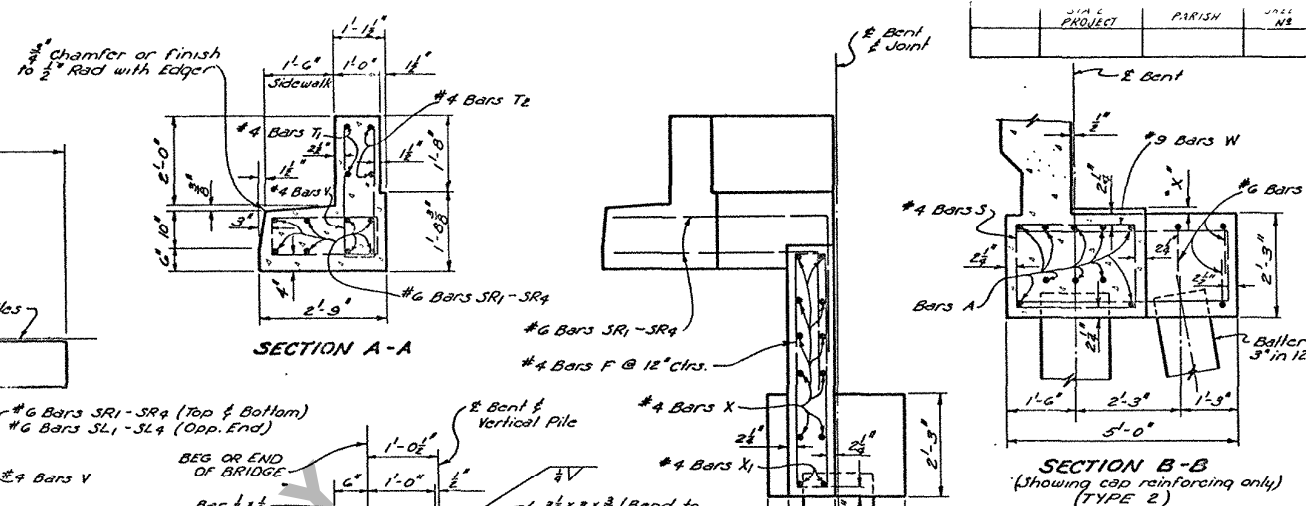
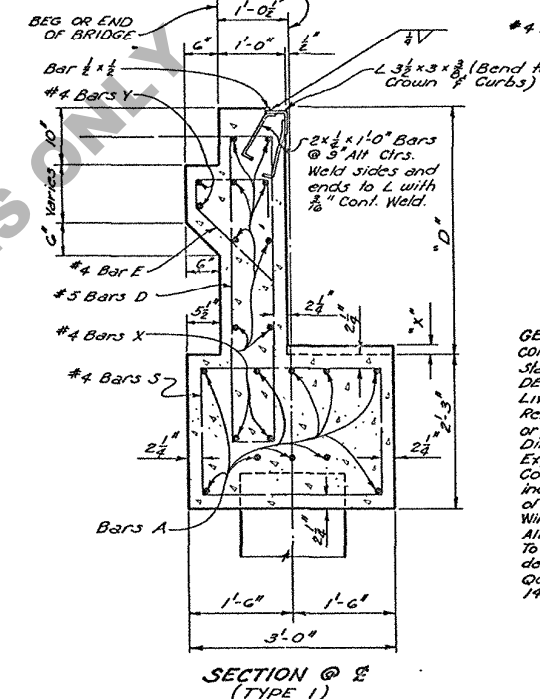




SECTION A-A

SECTION B-B
(Showing cap reinforcing only)
(TYPE 2)

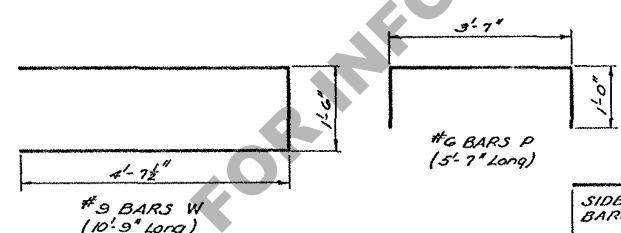


END ELEVATION, END BENT
(Opposite End is Similar)

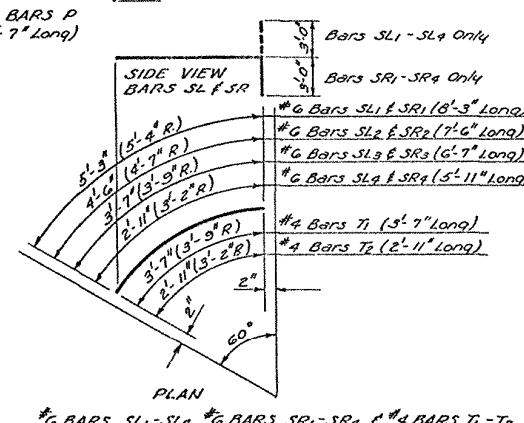
GENERAL NOTES:
CONSTRUCTION SPECIFICATIONS: Latest approved Lc. Dept. of Highways
Standard Specifications.
DESIGN SPECIFICATIONS: A.A.S. H.O. 1957.
Live Load: M15-44.
Reinforcement Bars shall be Intermediate or Hard Grade A.S.T.M. A15 or Rail Steel, A.S.T.M. A16 conforming with A.S.T.M. A305.
Dimensions relating to Reinforcing steel are to bar centers.
Exposed corners to be chamfered $\frac{1}{4}$ " 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 36'0" Crown
All concrete to be Class "A"
To provide for future extension of bridge the end bent is designed for same loads as intermediate bents.
Quantities computed assuming use of 18" $\times$ Vertical Piles, and 14" $\times$ Batter Piles.

SECTION @ 2
(TYPE 1)

5- PILE BENT



SIDE VI



*6 BARS SL₁-SL₄, *6 BARS SR₁-SR₄ & #4 BARS T₁-T₂

END BENT QUANTITIES - DIMENSIONS - PILE LOADS																	
DIMENSIONS				4 - PILES						5 - PILES						FAB. CARB. STEEL	SPAN
SPAN	"X"		"H"	SIZE OF "A" BARS	TYPE				AVG. PILE LOAD	SIZE OF "A" BARS	TYPE				AVG. PILE LOAD		
					ONE		TWO				ONE		TWO				
					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.	FT - IN.	FT - IN.		CU. YDS.	LBS.	CU. YDS.	LBS.	TONS		CU. YDS.	LBS.	CU. YDS.	LBS.	TONS	LBS.	FEET
45	1 1/2	3 - 1 1/2	5 - 3 1/2	9	13.76	2167	15.04	2509	33.0							300	45
50	1 1/2	3 - 4 1/2	5 - 5 1/2	10	14.08	2435	15.36	2777	36.0							300	50
55	1 1/2	3 - 4 1/2	5 - 6 1/2	11	14.12	2715	15.41	3057	38.9	9	14.08	2152	15.36	2494	31.1	300	55
60	1 1/2	3 - 7 1/2	5 - 9 1/2							10	14.40	2420	15.68	2762	33.6	300	60

END BENTS

STANDARD PLAN
PRECAST CONCRETE PILE BENTS
 FOR 45' TO 60' I-BEAM SPANS
 LIVE LOAD H15-44
 24'-0" ROADWAY 1'-6" SIDEWALKS

DATED APR. 25, 1958

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

			STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS		
			DESIGNED <i>Hinton</i>	DETAILED <i>Hinton</i>	TRACED <i>E. Hinkley</i>
			CHECKED <i>C. Apple</i>	CHECKED <i>C. Apple</i>	CHECKED <i>Hinton</i>
DATE	DESCRIPTION	BY	BRIDGE DESIGN SECTION		
REVISIONS					