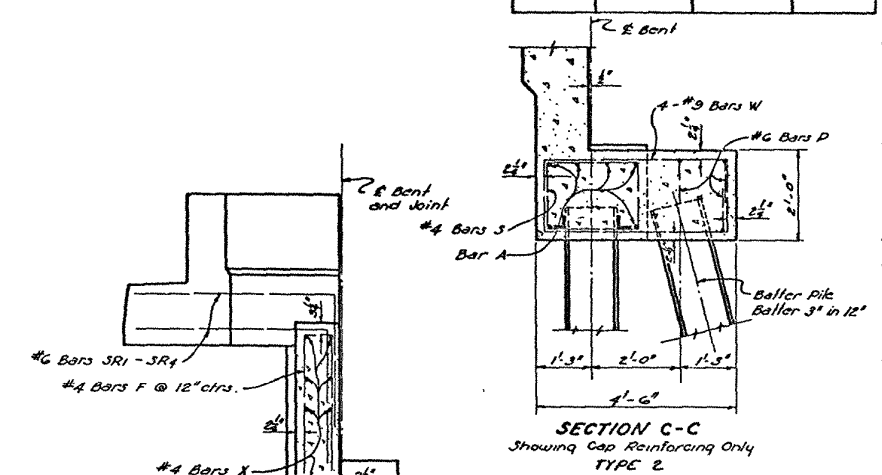
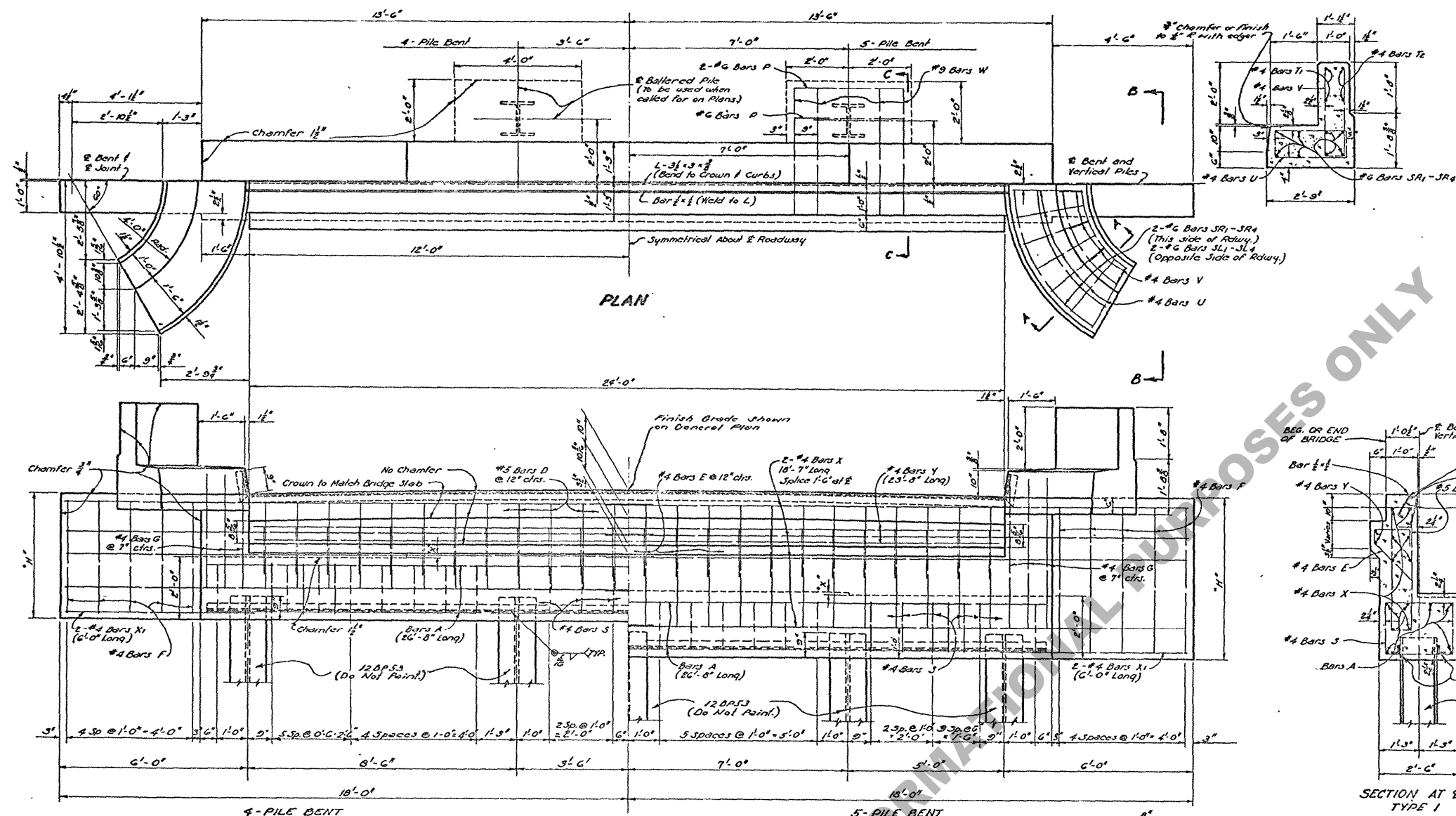


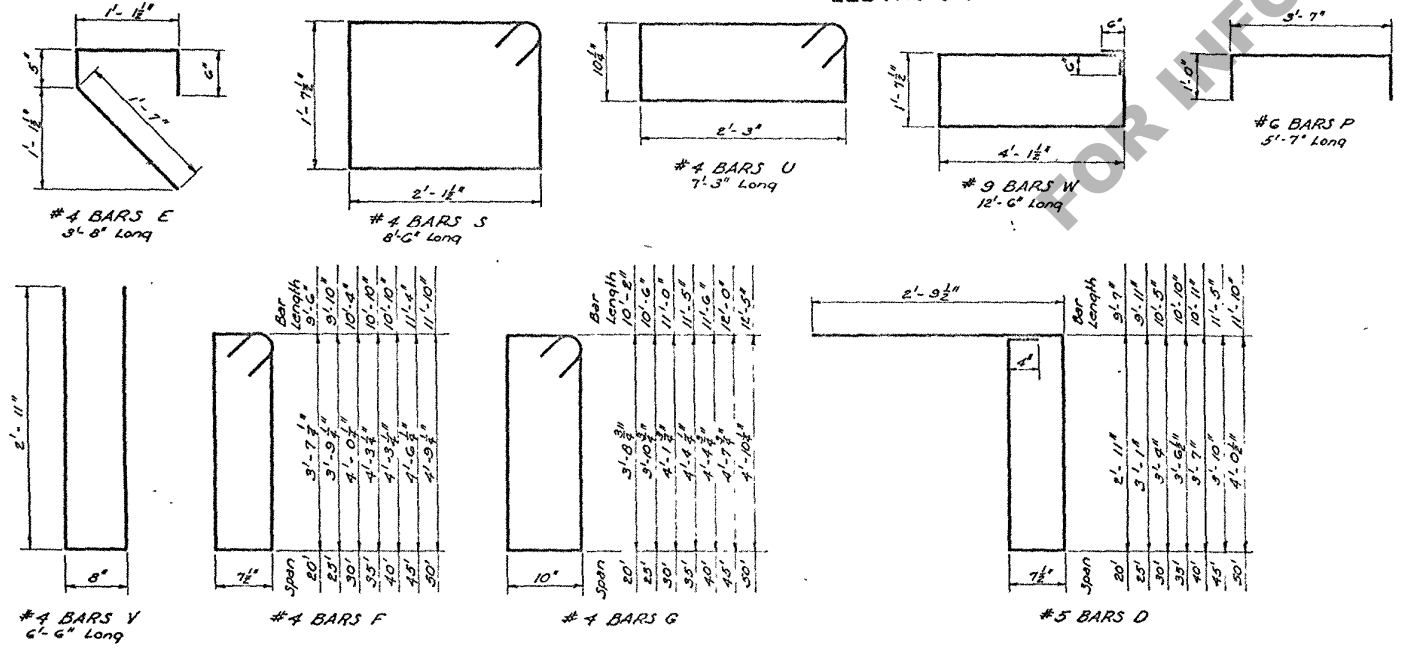
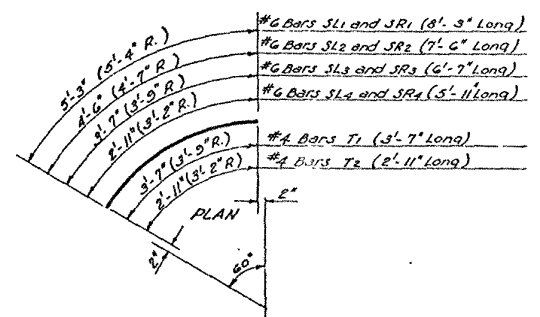


TYPE OF END BENT REQUIRED			
END BENT	GROUND TO GRADE FEET	SUBSOIL	BATTERED PILES
TYPE 1	0-5	Poor	0
TYPE 2	0-8	Good	0
TYPE 2	5-10	Poor	2
TYPE 2	8-16	Good	2

GENERAL NOTES:
CONSTRUCTION SPECIFICATIONS: Latest Approved La. Dept. of Highways Std. Specs.
DESIGN SPECIFICATIONS: A.A.S.H.O. 1953 as amended to Dec. 31, 1955.
Live Load: H15-44.
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.
All Dimensions to Reinforcing Steel are to bar centers.
All Exposed Corners to be Chamfered 1/2" 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.
To provide for future extension of Bridge the End Bent is designed for same loads as Intermediate Bents.

END BENT QUANTITIES - DIMENSIONS - PILE LOADS																	
DIMENSIONS				4 - PILES						5 PILES						SPAN FEET	
SPAN FEET	"X"	"D"	"H"	SIZE OF "A" BARS	TYPE				AVG. PILE LOAD	SIZE OF "A" BARS	TYPE				AVG. PILE LOAD		PAB. CARA LOAD STEEL
					ONE		TWO				ONE		TWO				
					CLASS "A"	DEF. REIN.	CLASS "A"	DEF. REIN.			CLASS "A"	DEF. REIN.	CLASS "A"	DEF. REIN.			
					CONC.	STEEL	CONC.	STEEL			CONC.	STEEL	CONC.	STEEL			
CU YDS	LB.	CU YDS	LB.	TONS	CU YDS	LB.	CU YDS	LB.	TONS	CU YDS	LB.	CU YDS	LB.	TONS	LB.	FEET	
20	1 1/2	2-3/4	4-1	#7	10.75	14.25	11.97	18.16	70.81							G.35 20	
25	1 1/2	2-5/4	4-3	#7	11.05	14.37	12.23	18.27	20.7							G.35 25	
30	1 1/2	2-7/4	4-6	#7	11.41	14.55	12.55	18.45	23.5							G.35 30	
35	1 1/2	2-10/4	4-9	#7	11.76	14.70	12.94	18.60	26.2							G.35 35	
40	1 1/2	2-11/4	4-9	#7	11.81	14.73	12.95	18.63	26.2	#8	11.90	15.73	13.26	18.63	28.4	G.35 40	
45	1 1/2	2-11/4	5-0	#7	12.19	14.91	13.37	18.81	32.0	#8	12.19	17.08	13.37	20.98	28.6	G.35 45	
50	1 1/2	2-11/4	5-3	#7	12.53	15.08	13.71	18.98	35.0	#8	12.53	17.25	13.71	2.15	2.60	G.35 50	

ELEVATION OF BARS SL & SR	
SL1 - SL4 Only	SR1 - SR4 Only



END BENTS

STANDARD PLAN
STEEL BEARING PILE BENTS
FOR 20' TO 50' 1" BEAM SPANS
LIVE LOAD H15-44
24'-0" ROADWAY 1'-6" SIDEWALKS

DATED JAN. 31, 1958

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED *P. R.* DETAILED *P. R.* TRACED *C. H.*
CHECKED *M.* CHECKED *M.* CHECKED *T. R.*

BRIDGE DESIGN SECTION