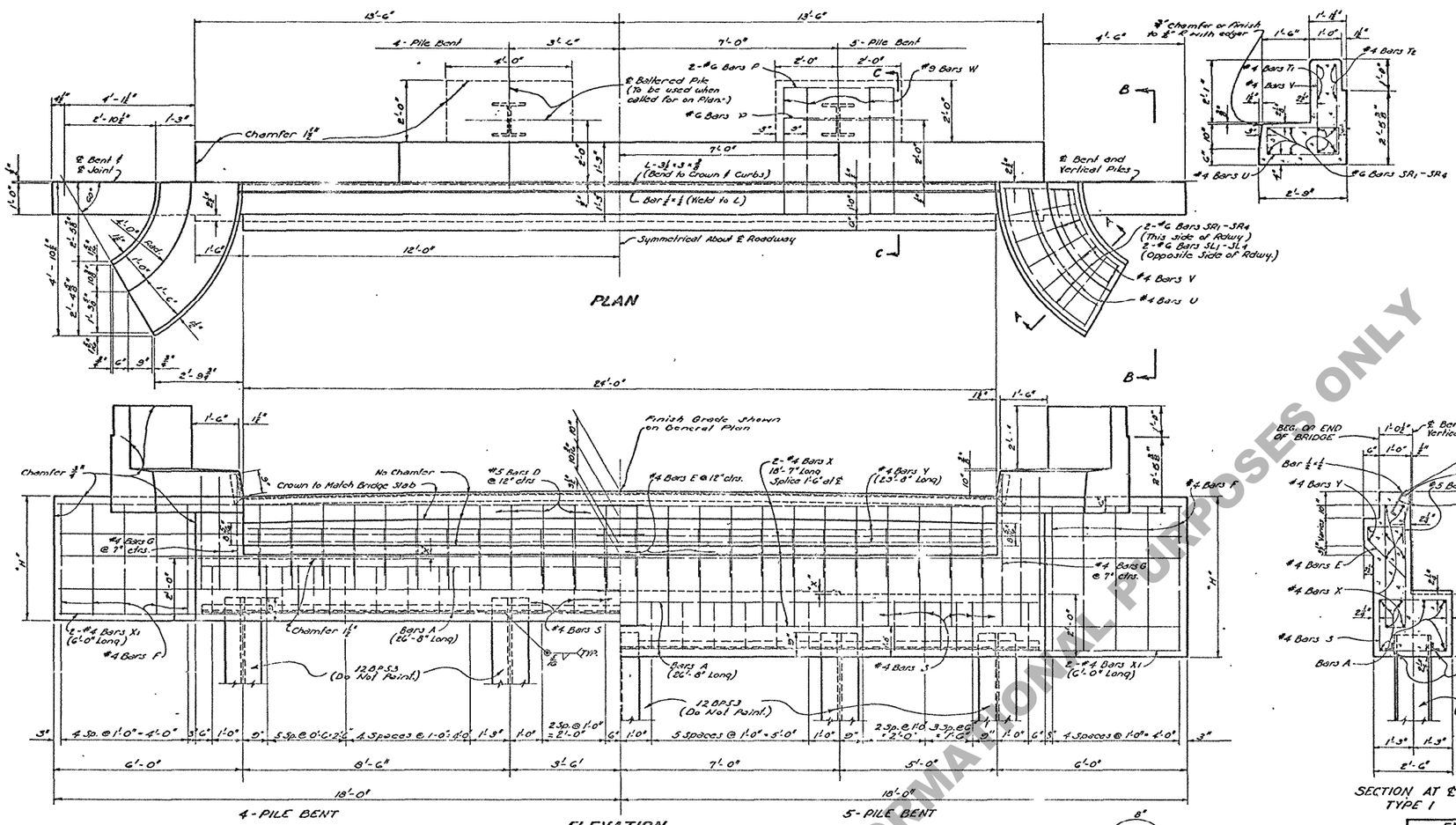
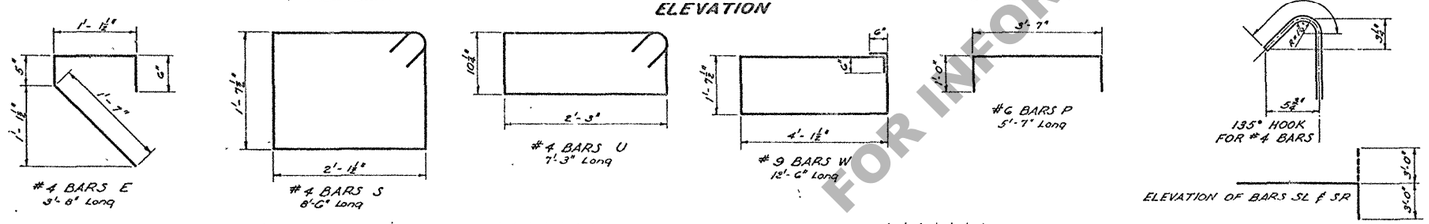
PROJECT | PARISH | NO

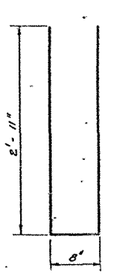


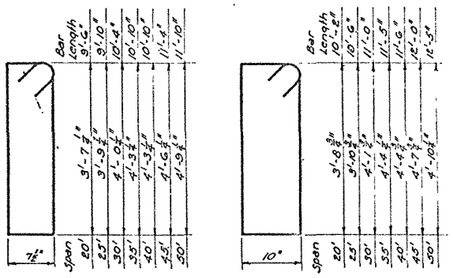


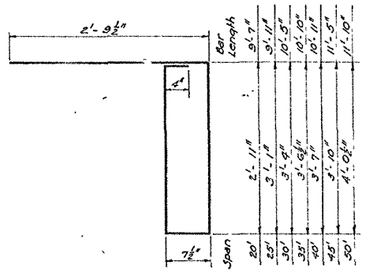
TYPE OF END BENT REQUIRED			
END BENT	GROUND TO GRADE FEET	SUBSOIL	BATTERED PILES
TYPE 1	0 - 5	Poor	0
	0 - 8	Good	
TYPE 2	5 - 10	Poor	2
	8 - 16	Good	

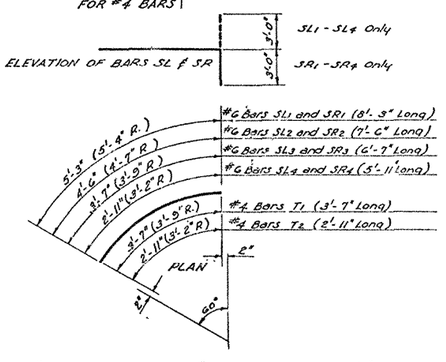
GENERAL NOTES:
CONSTRUCTION SPECIFICATIONS: Latest Approved La. Dept. of Highways Std. Specs.
DESIGN SPECIFICATIONS: A.A.S.H.O. 1953 as amended to Dec. 31, 1955.
Live Load: H 15 - 44.
Reinforcement Bars shall be Intermediate or Hard Grade, A.S.T.M. A 15 or Rail Steel, A.S.T.M. A 16 conforming with A.S.T.M. A 305.
All Dimensions to Reinforcing Steel are to bar centers.
All Exposed Corners to be Chamfered ¾" Unless Otherwise Noted.
Concrete and Steel in SIDEWALK CURB FLARE and HANDRAIL FLARE are to be 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																		
SPAN	DIMENSIONS				4 - PILES						5 PILES							SPAN
	"X"	"D"	"H"		SIZE OF "A" BARS	TYPE ONE		TYPE TWO		AVG. PILE LOAD	SIZE OF "A" BARS	TYPE ONE		TYPE TWO		AVG. PILE LOAD	FAB. GARB. 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.	FT IN	FT IN			CU YDS	LBS.	CU YDS	LBS.	TONS		CU YDS	LBS.	CU YDS	LBS.	TONS	LBS.	FEET
20	1½	2-3½	4 - 1		#7	10.83	1426	12.01	1816	18.1							G.35	20
25	1½	2-5½	4 - 3		#7	11.09	1437	12.27	1827	20.7							G.35	25
30	1⅝	2-7 15/16	4 - 6		#7	11.45	1456	12.63	1845	23.5							G.35	30
35	1½	2-10 15/16	4 - 9		#7	11.80	1470	12.98	1900	26.2							G.35	35
40	1⅝	2-11½	4 - 9		#7	11.85	1473	13.03	1903	27.2	#8	11.84	1573	13.02	1903	23.4	G.35	40
45	1½	3-1 15/16	5 - 0		#7	12.23	1491	13.41	1981	32.0	#9	12.23	1705	13.41	2093	25.6	G.35	45
50	1½	3-4 15/16	5 - 3		#7	12.57	1508	13.75	1998	35.0	#9	12.57	1725	13.75	2115	28.0	G.35	50

END BENTS

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

DATED APRIL 3, 1958

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED	DETAILED	TRACED
CHECKED	CHECKED	CHECKED

BRIDGE DESIGN SECTION

DATE	DESCRIPTION	BY
	REVISIONS	

SHEET 1 OF 2 SHEETS

BSCHA-90-24PXA

FOR INFORMATIONAL PURPOSES ONLY