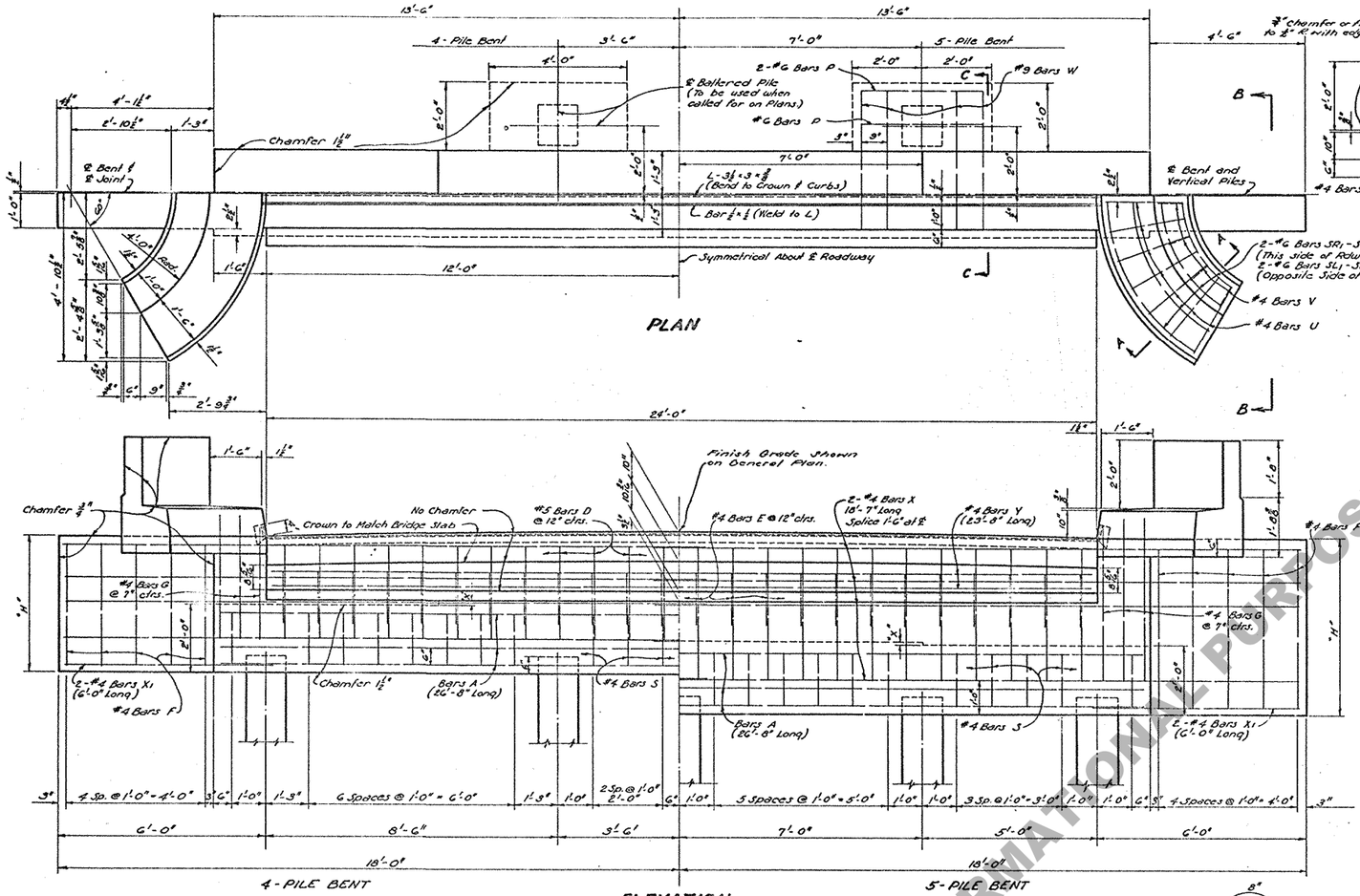
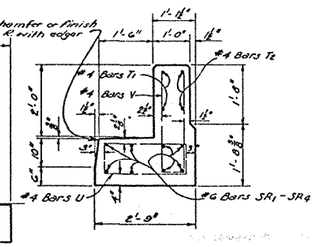
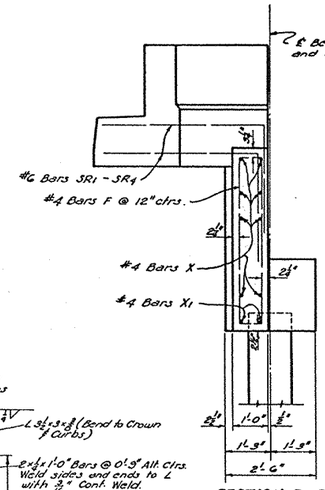
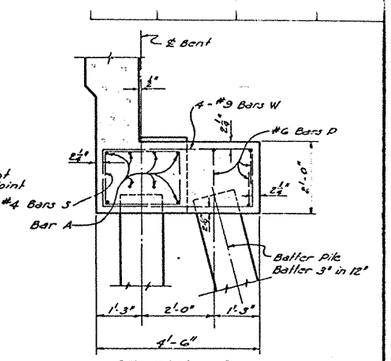




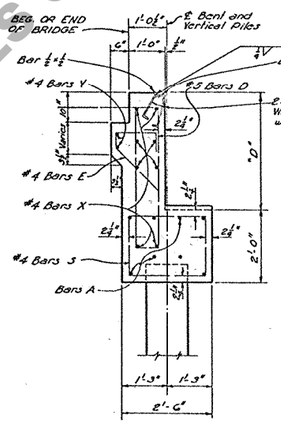


SECTION B-B



SECTION C-C
Showing Cap Reinforcing Only
TYPE 2

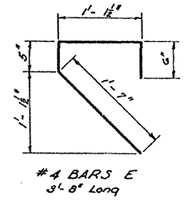
TYPE OF END BENT REQUIRED			
END BENT	GROUND TO GRADE FEET	SUBSOIL	SCATTERED PILES
TYPE 1	0 - 5	Poor	0
	0 - 8	Good	
TYPE 2	5 - 10	Poor	2
	8 - 16	Good	

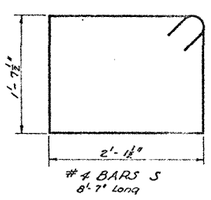


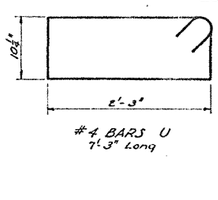
SECTION AT ℄ TYPE 1

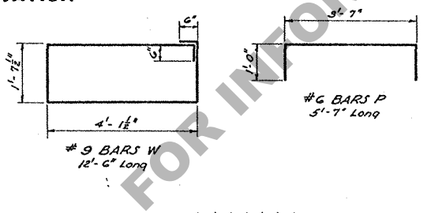
GENERAL NOTES:
CONSTRUCTION SPECIFICATIONS: Latest Approved La. Dept. of Highways Std. Specs.
DESIGN SPECIFICATIONS: A.A.S.H.O. 1953 as amended to Dec. 31, 1955.
Live Load: H15 - 44.
Reinforcement Bars shall be Intermediate or Hard Grade, A.S.T.M. A15 or Rail Steel, A.S.T.M. A16 conforming with A.S.T.M. 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 included in Bent Cap Quantities and are to be paid for as part of Bent.
Wing Walls are detailed for 36'-0" Crown.

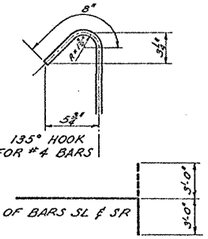
To Provide for future extension of Bridge the End Bent is designed for same loads as Intermediate Bents.
Quantities Computed assuming use of 14"ø Piles.

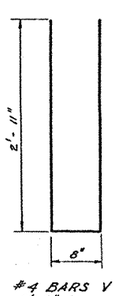


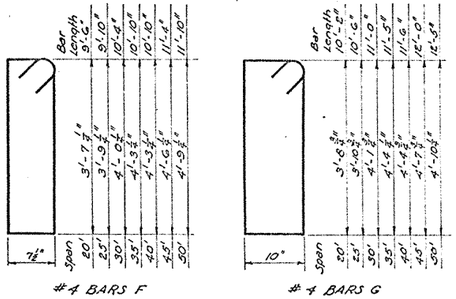


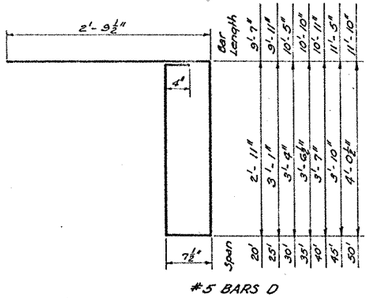


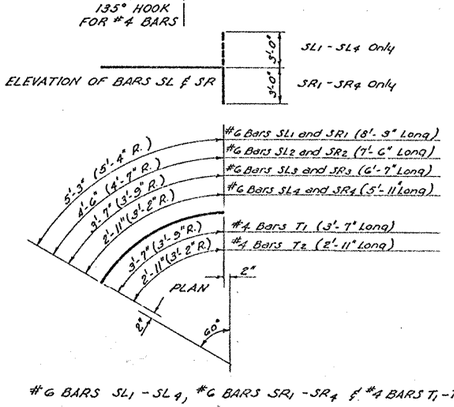












ELEVATION OF BARS SL & SR
SL1 - SL4 Only
SR1 - SR4 Only

END BENT QUANTITIES — DIMENSIONS — PILE LOADS																	
SPAN	DIMENSIONS			4 - PILES					5 PILES						FAB. CARB. STEEL	SPAN
	"X"	"D"	"H"	SIZE OF "A" BARS	TYPE ONE CLASS "A" CONC.	TYPE ONE DEF. REIN. STEEL	TYPE TWO CLASS "A" CONC.	TYPE TWO DEF. REIN. STEEL	AVG. PILE LOAD	SIZE OF "A" BARS	TYPE ONE CLASS "A" CONC.	TYPE ONE DEF. REIN. STEEL	TYPE TWO CLASS "A" CONC.	TYPE TWO DEF. REIN. STEEL	AVG. PILE LOAD		
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	10.70	1502	11.83	1892	18.5							300	20
25	1½	2-5½	4 - 3	#7	10.96	1513	12.09	1903	21.2							300	25
30	1⅝	2-7⅝	4 - 6	#7	11.32	1531	12.46	1921	23.9							300	30
35	1¼	2-10⅛	4 - 9	#7	11.66	1546	12.80	1936	26.7							300	35
40	1⅝	2-11⅝	4 - 9	#8	11.72	1683	12.85	2074	29.6	#8	11.69	1683	12.83	2073	23.7	300	40
45	1¼	3-1⅛	5 - 0							#9	12.08	1854	13.21	2246	25.9	300	45
50	1¼	3-4⅛	5 - 3							#9	12.40	1871	13.54	2261	28.3	300	50

Max. Permitted Pile Loads unless otherwise instructed by Bridge Design Section.

14"ø R.C. Piles = 28 Tons Per Pile.
16"ø R.C. Piles = 32 Tons Per Pile.
18"ø R.C. Piles = 36 Tons Per Pile.

DESIGN TAKEN FROM STD. PLAN C.S.-207-15 DATED JULY 13, 1956

REVISIONS		
DATE	DESCRIPTION	BY
3-25-60	EXP. JT. CURB FACE	EXP. 1960

END BENTS

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

DATED June 10, 1957

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED	DETAILED J. Schilig	TRACED S. McKinley
CHECKED	CHECKED Conway-Cook	CHECKED Conway-Cook

BRIDGE DESIGN SECTION

SHEET 1 OF 2

BSC15C-90-24P