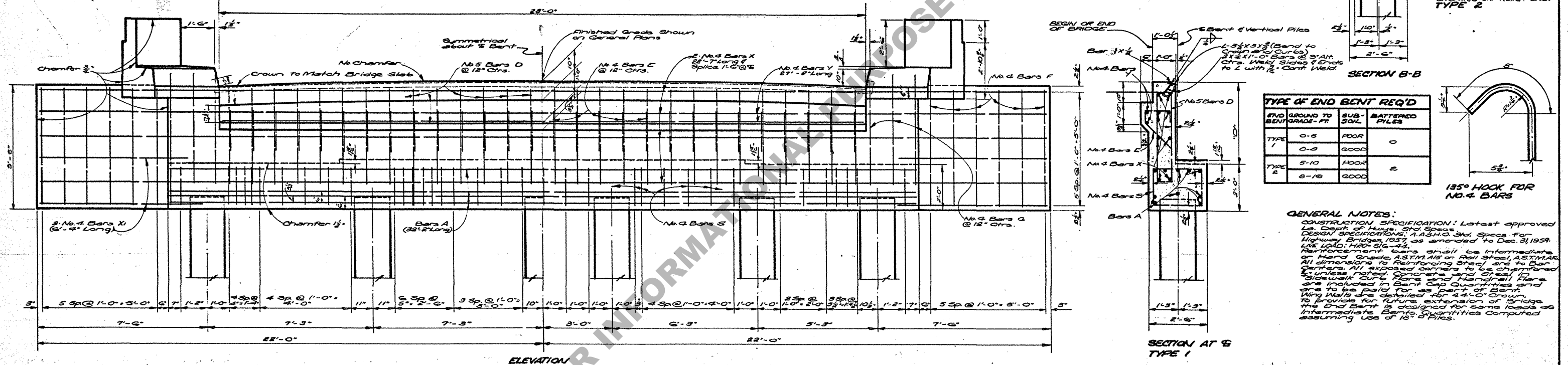
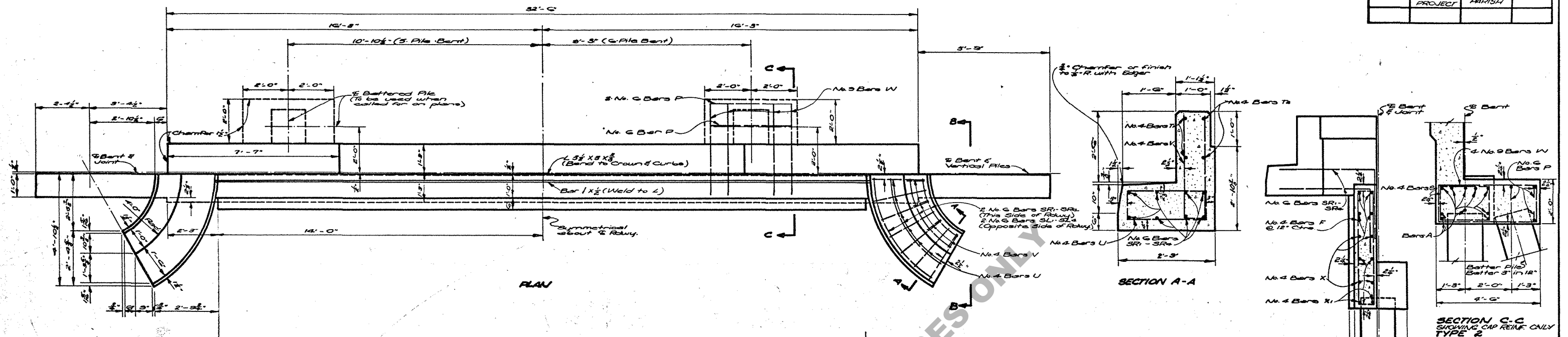
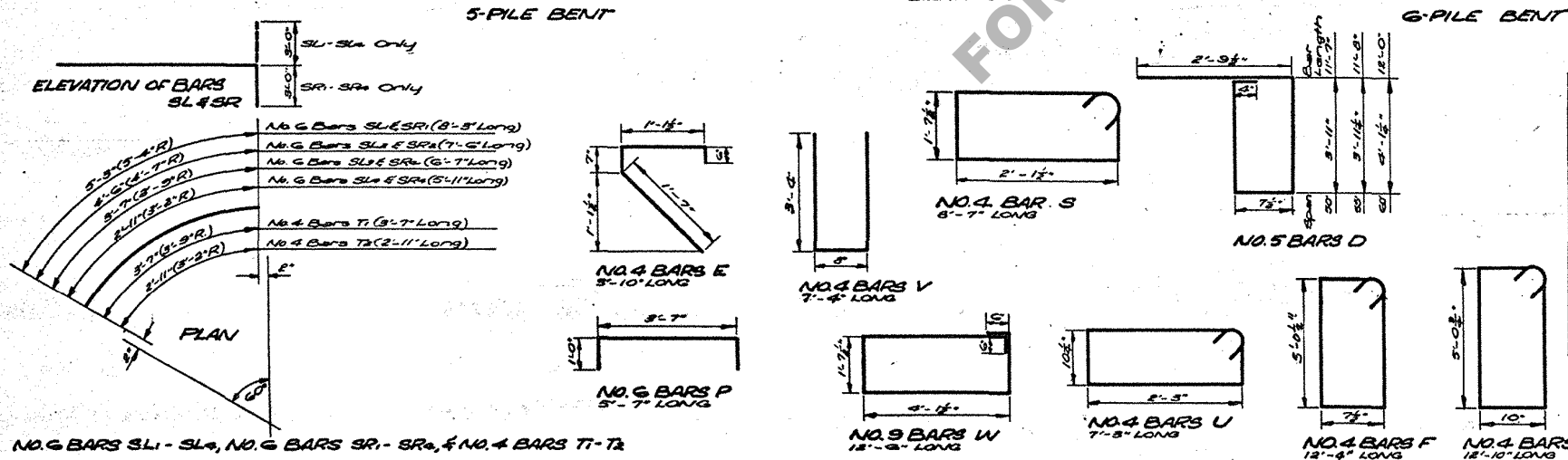




TYPE OF END BENT REQ'D			
END BENT	GROUND TO GRADE - FT.	SUB-SOIL	BATTERED FILES
TYPE 1	0-5	POOR	0
	0-8	GOOD	
TYPE 2	5-10	POOR	2
	8-16	GOOD	

135° HOOK FOR
NO. 4 BARS

GENERAL NOTES:
CONSTRUCTION SPECIFICATION: Latest approved
La. Dept. of Highways Standard Specifications
Design Specifications, A.A.S.H.O. Std. Specs. for
Highway Bridges, 1937, as amended to Dec. 31, 1954.
AASHTO 1954.
Reinforcement bars shall be Intermediate
or Hard Grade, A.S.T.M. A101 or Rail Steel, A.S.T.M. A6
and Intermediate Specification Steel, and be Bar
Centers. All exposed corners to be chamfered
unless noted. Concrete and Steel in
Bent and Abutment Reinforcement
are included in Bent Cap Quantities and
are to be paid for as part of Bent.
Hard Warped Steel is detailed for use
to provide for future extension of Bridge
the End Bent is designed for some loads as
intermediate Bent. Quantities Computed
assuming use of 16" x 8" piles.



END BENT QUANTITIES - DIMENSIONS - PILE LOAD																
SPAN	DIM.		5-PILES						6-PILES						FAB. CARBON STEEL	SPAN
	D"	SIZE OF "A" BARS	TYPE				AV. PILE LOAD	SIZE OF "A" BARS	TYPE				AV. 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				
			CU. YDS.	LBS.	CU. YDS.	LBS.			TONS	CU. YDS.	LBS.	CU. YDS.		LBS.		
FEET	FT.-IN.															
30	3'-0"	N6.0	13.24	2718	16.32	356.8	31.9	N4.8	15.20	2202	16.28	2542	26.5	360	30	
33	3'-6"	N6.0	15.26	2780	16.94	3770	34.4	N6.9	15.22	2439	16.30	2629	28.6	360	33	
60	3'-9 1/2"	N6.0	15.47	2790	16.95	3190	36.8	N6.9	15.43	2449	16.51	2639	30.6	360	60	

END BENTS

STANDARD PLAN
PRECAST CONCRETE PILE BENTS
FOR 50', 55' & 60' COMPOSITE WELDED SPANS
LIVE LOAD H20-S16-44(MODIFIED)
28'-0" ROADWAY 1'-6" SIDEWALKS
DATED *March 5, 1959*

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED <i>Bridges</i>	DETAILED <i>Bridges</i>	TRACED <i>B.B. France</i>
CHECKED <i>Brantley</i>	CHECKED <i>Brantley</i>	CHECKED <i>Nasca</i>
IN CHARGE OF BRIDGE DESIGN SECTION		