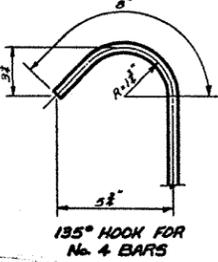
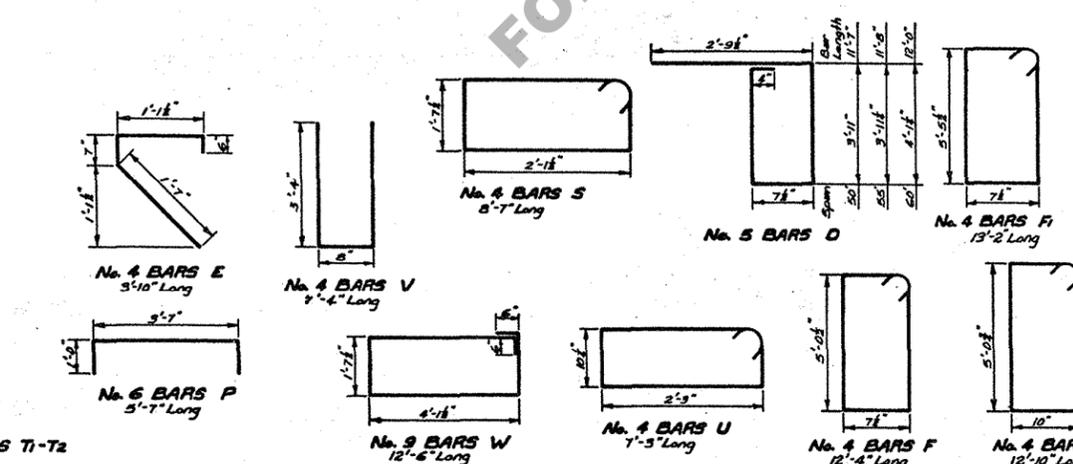
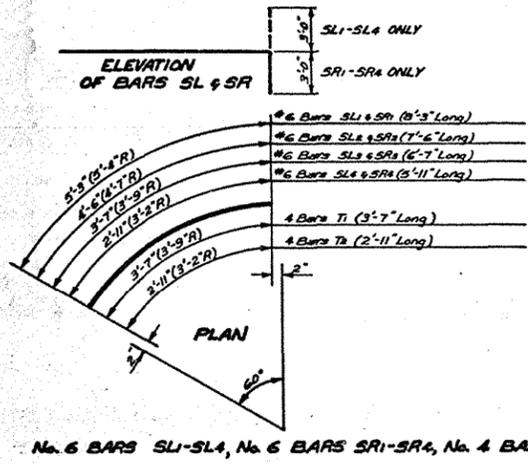


SECTION AT & TYPE 1

TYPE OF END BENT REQUIRED		
END BENT	GROUND TO SOIL GRADE- FEET	BATTERED PILES
TYPE 1	0-5	FOUR
TYPE 1	0-8	SIX
TYPE 2	5-10	FOUR
TYPE 2	8-16	SIX



GENERAL NOTES:
 Construction Specifications: Latest Approved Ed. Dept. of Highways Std. Specs.
 Design Specifications: A.A.S.H.O. Std. Specs. for Highway Bridges, 1957, as amended to Dec. 31, 1959.
 Live Load: H20-S16-44.
 Reinforcement Bars shall be Intermediate or Hard Grade, A.S.T.M. A615 or Rail Steel A.S.T.M. A616.
 All Dimensions to Reinforcing Steel are to Bar Centers.
 All Exposed Corners to be Chamfered 3/8" unless noted.
 Concrete and Steel in Sidewalk Curb Form and Handrail Flare are included in Bent Cap Quantities and are to be paid for as part of Bent.
 Wing Walls are detailed for 14'-0" Crown.
 To provide for future abutment of Crown the End Bent is designed for same loads as Intermediate Bents.
 Quantities Computed assuming use of 18" Piles.



END BENT QUANTITIES - DIMENSIONS - PILE LOAD															
SPAN	DIM.		5-PILES						6-PILES						
			TYPE		AVE. PILE LOAD	TYPE		AVE. PILE LOAD	FAB. CARBON STEEL						
			CLASS	DEF. REINF. STEEL		CLASS	DEF. REINF. STEEL		CONC.	DEF. REINF. STEEL	LBS.	FT.			
50	3'-6 1/2"	#10	15.69	2738	16.74	3188	32.0	#8	15.62	2212	16.97	2612	26.7	365	50
55	3'-6 1/2"	#10	15.76	2801	16.81	3191	34.5	#9	15.71	2460	16.76	2850	28.8	365	55
60	3'-8 1/2"	#10	16.00	2810	17.03	3200	37.0	#9	16.15	2465	16.80	2850	30.8	365	60

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 9, 1959

STATE OF LOUISIANA
 DEPARTMENT OF HIGHWAYS

DESIGNED <i>Bridges</i>	DETAILS <i>Bridges</i>	TRACED <i>C.H.H.</i>
CHECKED <i>Bradley</i>	CHECKED <i>Bradley</i>	CHECKED <i>Bradley</i>

BRIDGE DESIGN SECTION