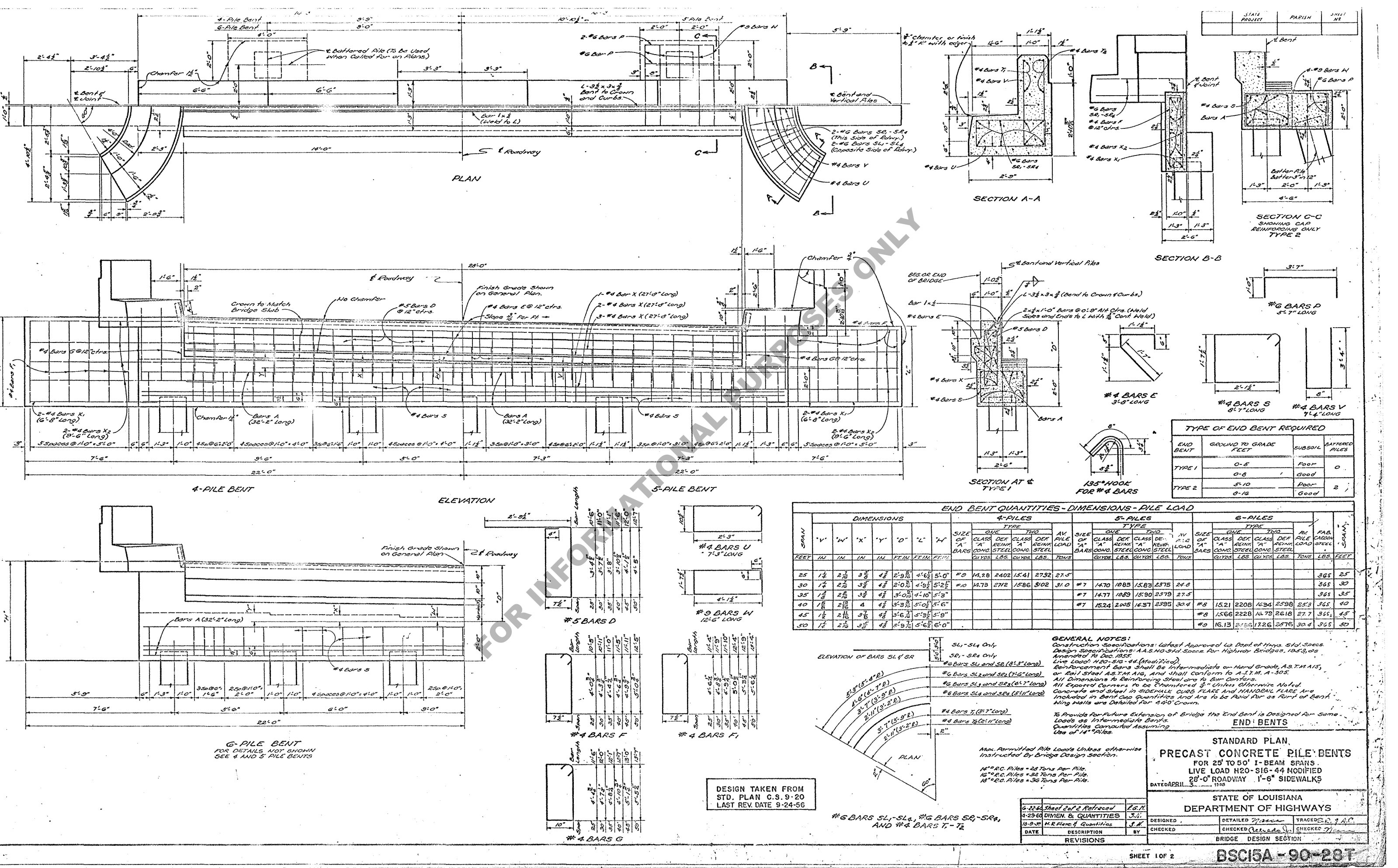




STATE PROJECT	PARISH	SHEET NO.
---------------	--------	-----------

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

END BENT QUANTITIES-DIMENSIONS-PILE LOAD																																	
SPAN	DIMENSIONS							4-PILES					5-PILES					6-PILES					FAB. CARRON STEEL	SPAN									
	"V"	"W"	"X"	"Y"	"D"	"L"	"H"	SIZE OF "A" BARS	TYPE				AV. PILE LOAD	SIZE OF "A" BARS	TYPE				AV. PILE LOAD	SIZE OF "A" BARS	TYPE				AV. PILE LOAD								
									CLASS "A"	DEF REINFC	CLASS "A"	DEF REINFC			ONE CONC.	TWO STEEL	CLASS "A"	DEF REINFC			CLASS "A"	DEF REINFC				ONE CONC.	TWO STEEL	CLASS "A"	DEF REINFC	CLASS "A"	DEF REINFC	ONE CONC.	TWO STEEL
FEET	IN.	IN.	IN.	IN.	FEET	FEET	FEET	CONC.	LBS.	CONC.	LBS.	TONS	CONC.	LBS.	CONC.	LBS.	TONS	CONC.	LBS.	CONC.	LBS.	TONS	FEET										
25	1 1/2	2 1/2	3 1/2	4 1/2	2'-9 1/2"	4'-6 1/2"	5'-0"	#9	14.28	2402	15.41	2792	27.5											365	25								
30	1 1/2	2 1/2	3 1/2	4 1/2	2'-9 1/2"	4'-9 1/2"	5'-2 1/2"	#10	14.73	2712	15.86	3102	31.0	#7	14.70	1885	15.83	2375	24.0						365	30							
35	1 1/2	2 1/2	3 1/2	4 1/2	3'-0 1/2"	4'-10 1/2"	5'-3 1/2"							#7	14.77	1989	15.90	2979	27.5						365	35							
40	1 1/2	2 1/2	3 1/2	4 1/2	3'-3 1/2"	5'-0 1/2"	5'-6"							#7	15.24	2005	16.37	2995	30.4	#8	15.21	2208	16.34	2598	25.3	365	40						
45	1 1/2	2 1/2	3 1/2	4 1/2	3'-6 1/2"	5'-3 1/2"	5'-9"													#8	15.66	2228	16.79	2618	27.7	365	45						
50	1 1/2	2 1/2	3 1/2	4 1/2	3'-9 1/2"	5'-6 1/2"	6'-0"													#9	16.13	2466	17.26	2876	30.4	365	50						

GENERAL NOTES:
Construction Specifications: Latest Approved by Dept. of Highways, Std. Specs. Design Specifications: A.A.S. No. 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.
Live Load: H20-S16-44 (Modified).
Reinforcement Bars: Shall be Intermediate or Hard Grade, A.S.T.M. A15, or Rail Steel A.S.T.M. A16, and shall conform to A.S.T.M. A-305.
All Dimensions to Reinforcing Steel are to Bar Centers.
All Exposed Corners to be Chamfered 3" Unless Otherwise Noted.
Concrete and Steel in SIDEWALK CURB FLARE AND HANDING FLARE ARE INCLUDED IN BENT QUANTITIES AND ARE TO BE PAID FOR AS PART OF BENT.
King Walls are Detailed for 4'-0" Crown.
To Provide for Future Extension of Bridge the End Bent is Designed for Same Loads as Intermediate Bents.
Quantities Assumed Assuming Use of 14" Piles.
END BENTS

STANDARD PLAN, PRECAST CONCRETE PILE BENTS
FOR 25' TO 50' I-BEAM SPANS
LIVE LOAD H20-S16-44 MODIFIED
28'-0" ROADWAY 1'-6" SIDEWALKS
DATED APRIL 3, 1959

STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS			
DESIGNED	DETAILED	TRACED	BY A.C.
CHECKED	CHECKED	CHECKED	CHECKED
BRIDGE DESIGN SECTION			

REVISIONS			
DATE	DESCRIPTION	BY	BY
6-22-54	Sheet 2 of 2 Refracted	J.S.H.	J.S.H.
4-29-54	DIMEN. & QUANTITIES	J.S.H.	J.S.H.
10-9-53	H.R. Plans & Quantities	J.S.H.	J.S.H.

DESIGN TAKEN FROM
STD. PLAN C.S. 9-20
LAST REV. DATE 9-24-56