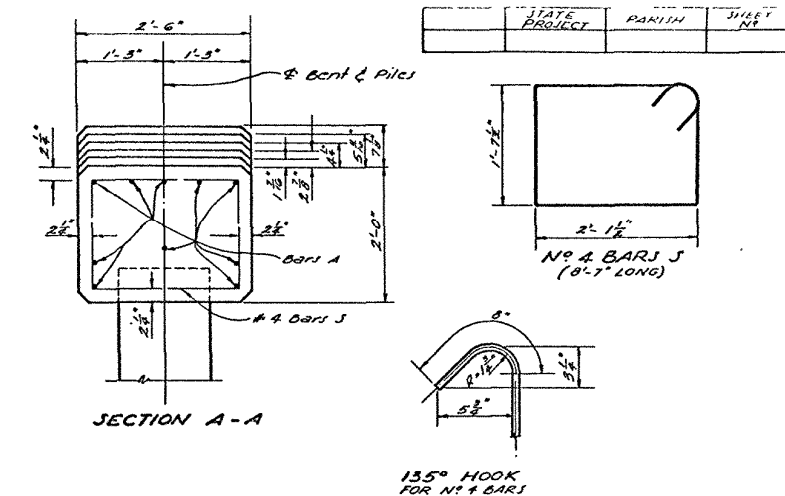
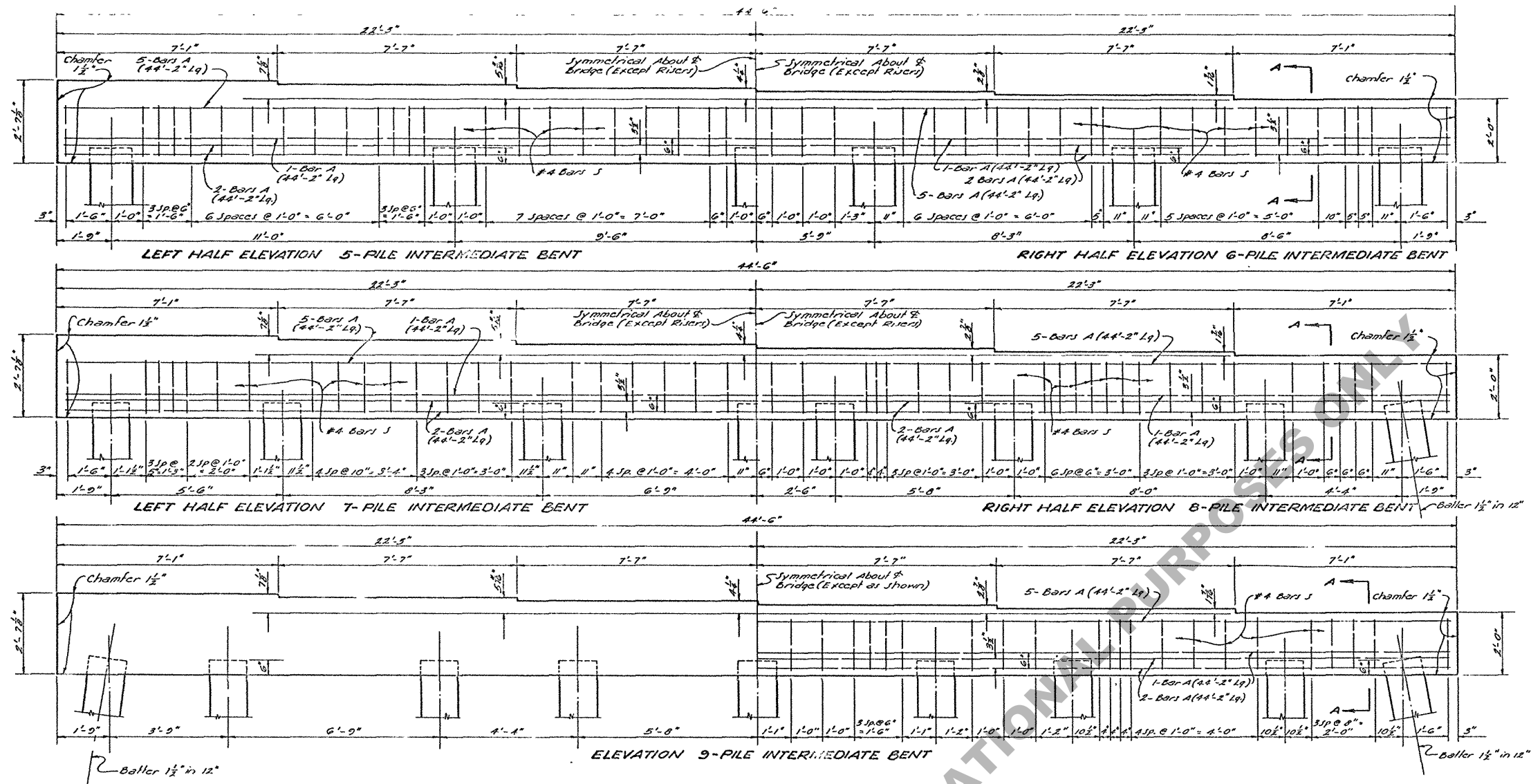




Nº OF PILES	SPAN (FT)	25	30	35	40	45	50
5	CLASS 'A' CONC.-CU YD.	9.50					
	DEF. REINF. STEEL-LB.	2164					
	AVE. PILE LOAD-TONS	29.3					
	SIZE OF BARS A	#10					
6	CLASS 'A' CONC.-CU YD.	9.31	9.31	9.27			
	DEF. REINF. STEEL-LB.	1144	1144	1144			
	AVE. PILE LOAD-TONS	24.4	27.5	30.6			
	SIZE OF BARS A	#7	#7	#7			
7	CLASS 'A' CONC.-CU YD.			9.29	9.23	9.23	
	DEF. REINF. STEEL-LB.			1743	1743	1743	
	AVE. PILE LOAD-TONS			26.2	29.0	31.7	
	SIZE OF BARS A			#9	#9	#9	
8	CLASS 'A' CONC.-CU YD.				9.26	9.26	9.20
	DEF. REINF. STEEL-LB.				2622	2622	2622
	AVE. PILE LOAD-TONS				25.5	27.8	30.0
	SIZE OF BARS A				#11	#11	#11
9	CLASS 'A' CONC.-CU YD.						9.34
	DEF. REINF. STEEL-LB.						2599
	AVE. PILE LOAD-TONS						26.8
	SIZE OF BARS A						#11

* Assuming use of 14\"/>

GENERAL NOTES:
 CONSTRUCTION SPECIFICATIONS: Latest Approved Louisiana Dept. of Highways Standard Specifications.
 DESIGN SPECIFICATIONS: A.A.S.H.O. 1953, as Amended to Dec. 31, 1955.
 LIVE LOAD: H20-S16-44 (Modified).
 All concrete to be class 'A'.
 Reinforcing steel shall be Intermediate or Hard Grade A.S.T.M.-A15 or A.S.T.M.-A19, conforming to A.S.T.M.-A305.
 Dimensions to Reinforcing steel are to bar centers.
 Concrete and Reinforcing steel in Curb, Sidewalk, and Handrail-Flare are included in End bent quantities and are to be paid for as part of bent.
 All exposed corners to be chamfered & unless otherwise noted, to provide for future expansion of bridge, the end bents are designed for the same loads as the intermediate bents.
 Maximum pile loads unless otherwise instructed by Bridge Design Section: 14\"/>

Nº OF PILES	SPAN (FT)	25	30	35	40	45	50
5	CLASS 'A' CONC.-CU YD.	18.64	19.69	20.22			
	DEF. REINF. STEEL-LB.	5582	5972	6167			
	AVE. PILE LOAD-TONS	29.3					
	SIZE OF BARS A	#10					
6	CLASS 'A' CONC.-CU YD.	18.61	19.70	20.24	19.22	20.30	20.64
	DEF. REINF. STEEL-LB.	5562	5952	6147	5588	5978	6173
	AVE. PILE LOAD-TONS	24.4			27.5	30.6	31.97
	SIZE OF BARS A	#7			#7		
7	CLASS 'A' CONC.-CU YD.				19.74	20.63	21.37
	DEF. REINF. STEEL-LB.				5211	5601	5796
	AVE. PILE LOAD-TONS				26.2	29.0	31.7
	SIZE OF BARS A				#9		
8	CLASS 'A' CONC.-CU YD.				20.32	21.41	21.95
	DEF. REINF. STEEL-LB.				4196	4586	4781
	AVE. PILE LOAD-TONS				25.5	27.8	30.0
	SIZE OF BARS A				#11		
9	CLASS 'A' CONC.-CU YD.						20.95
	DEF. REINF. STEEL-LB.						4404
	AVE. PILE LOAD-TONS						26.8
	SIZE OF BARS A						#11
	FAB. CARBON STEEL-LB.	475	475	475	475	475	475

* Assuming use of 14\"/>

* Assuming use of 16\"/>

BENT	GROUND TO GRADE (FT)	SUBSOIL	Nº OF PARTIAL PILES
I	0-5	POOR	0
	0-6	GOOD	
II	5-10	POOR	2
	8-16	GOOD	
III	10+	POOR	3
	16+	GOOD	

SPAN (FEET)	'C'	'H1'	'H2'
25	2'-10 1/8"	4'-6 1/8"	5'-2 1/8"
30	3'-1 1/8"	4'-9 1/8"	5'-5 1/8"
35	3'-4 1/8"	5'-0 1/8"	5'-8 1/8"
40	3'-7 1/8"	5'-3 1/8"	5'-11 1/8"
45	3'-7 1/8"	5'-3 1/8"	5'-11 1/8"
50	3'-10 1/8"	5'-6 1/8"	6'-2 1/8"

INTERMEDIATE BENTS

STANDARD PLAN
 PRECAST CONCRETE PILE BENTS
 FOR 25' TO 60' 1-BEAM SPANS
 LIVE LOAD H20-S16-44 MODIFIED
 40'-0" ROADWAY 1'-6" SIDEWALKS
 3-LANE ROADWAY
 DATED: APR 5, 1959

STATE OF LOUISIANA
 DEPARTMENT OF HIGHWAYS

DESIGNED BY	W. Hill	DESIGNED BY	W. Hill	TRACED BY	A.C.
CHECKED BY	J.N.	CHECKED BY	Accardo	CHECKED BY	Boyle
IN CHARGE OF		BRIDGE DESIGN SECTION			