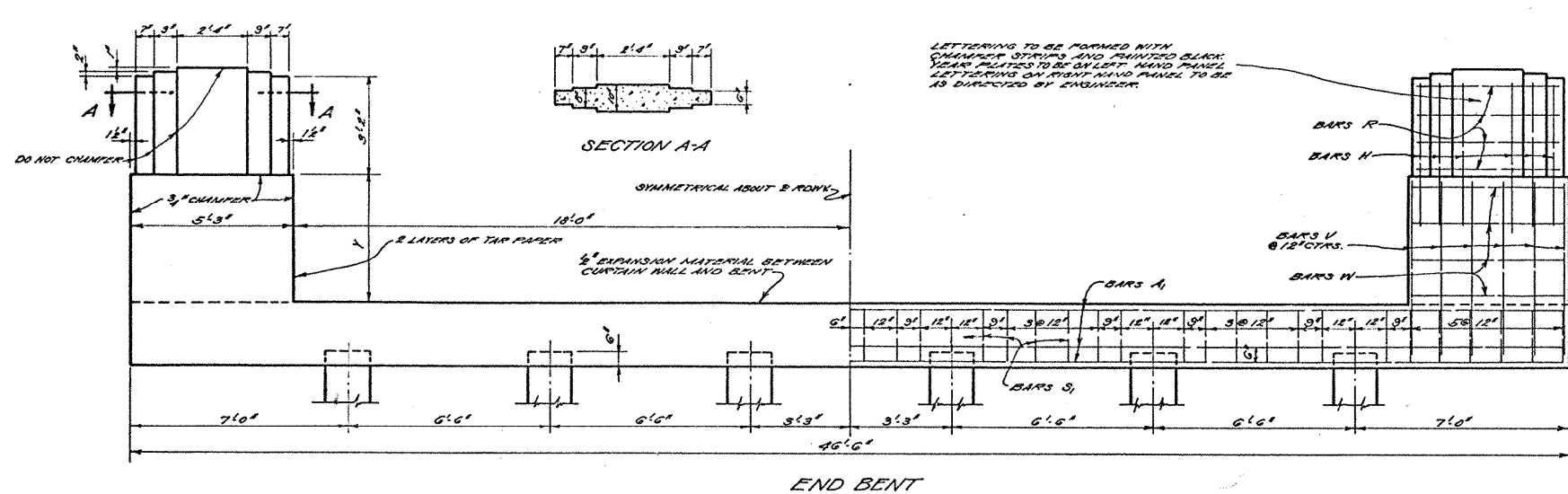
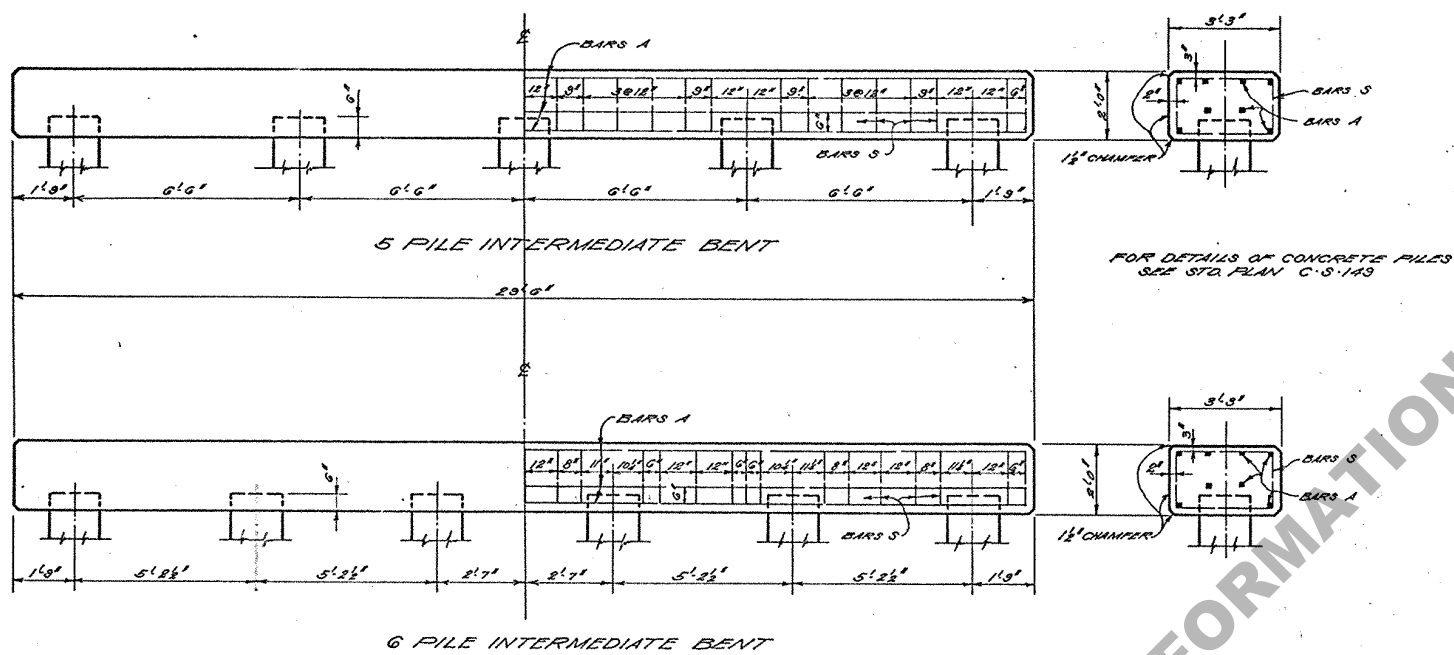




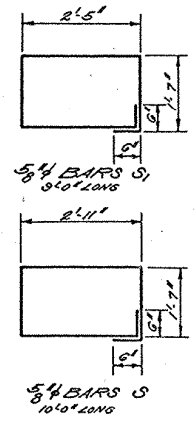
INTERMEDIATE BENT-5 PILES				
BAR SIZE	NO.	UNIT LENGTH	TOTAL LENGTH	LOCATION
S	5/8	28	10'-0"	HOOPS IN CAP
TOTAL 5/8 BARS = 280'-0" = 292 LBS.				
A	1/2	8	23'-1"	CAP
TOTAL 1/2 BARS = 232'-8" = 791 LBS.				
TOTAL REINFORCING STEEL = 1083 LBS.				
CLASS "A" CONCRETE = 6.34 CU YDS.				

SPAN	Y
30'	4'-2 1/2'
32'	4'-3 1/2'
34'	4'-4 1/2'
36'	4'-5 1/2'
38'	4'-6 1/2'
40'	4'-7 1/2'

INTERMEDIATE BENT-6 PILES				
BAR SIZE	NO.	UNIT LENGTH	TOTAL LENGTH	LOCATION
S	5/8	31	10'-0"	HOOPS IN CAP
TOTAL 5/8 BARS = 310'-0" = 323 LBS.				
A	1/2	8	23'-1"	CAP
TOTAL 1/2 BARS = 232'-8" = 791 LBS.				
TOTAL REINFORCING STEEL = 1114 LBS.				
CLASS "A" CONCRETE = 6.30 CU YDS.				



END BENTS-SPANS 30 TO 40 FT.																							
30 FT. SPAN				32 FT. SPAN				34 FT. SPAN				36 FT. SPAN				38 FT. SPAN				40 FT. SPAN			
BAR NO	SIZE	UNIT LENGTH	TOTAL LENGTH	BAR NO	SIZE	UNIT LENGTH	TOTAL LENGTH	BAR NO	SIZE	UNIT LENGTH	TOTAL LENGTH	BAR NO	SIZE	UNIT LENGTH	TOTAL LENGTH	BAR NO	SIZE	UNIT LENGTH	TOTAL LENGTH	BAR NO	SIZE	UNIT LENGTH	TOTAL LENGTH
H	24	5/8	4'-8" 112'-0"	H	24	5/8	4'-8" 112'-0"	H	24	5/8	4'-8" 112'-0"	H	24	5/8	4'-8" 112'-0"	H	24	5/8	4'-8" 112'-0"	H	24	5/8	4'-8" 112'-0"
R	16	1	4'-8" 78'-8"	R	16	1	4'-8" 78'-8"	R	16	1	4'-8" 78'-8"	R	16	1	4'-8" 78'-8"	R	16	1	4'-8" 78'-8"	R	16	1	4'-8" 78'-8"
N	16	1	4'-11" 78'-8"	N	16	1	4'-11" 78'-8"	N	16	1	4'-11" 78'-8"	N	16	1	4'-11" 78'-8"	N	16	1	4'-11" 78'-8"	N	16	1	4'-11" 78'-8"
TOTAL 5/8 BARS=265'-4"=177*				TOTAL 5/8 BARS=265'-4"=177*				TOTAL 5/8 BARS=265'-4"=177*				TOTAL 5/8 BARS=265'-4"=177*				TOTAL 5/8 BARS=265'-4"=177*				TOTAL 5/8 BARS=265'-4"=177*			
V	24	5/8	5'-8" 136'-0"	V	24	5/8	5'-9" 138'-0"	V	24	5/8	5'-10" 140'-0"	V	24	5/8	5'-11" 142'-0"	V	24	5/8	6'-0" 144'-0"	V	24	5/8	6'-2" 148'-0"
S	44	1	9'-0" 396'-0"	S	44	1	9'-0" 396'-0"	S	44	1	9'-0" 396'-0"	S	44	1	9'-0" 396'-0"	S	44	1	9'-0" 396'-0"	S	44	1	9'-0" 396'-0"
TOTAL 5/8 BARS=532'-0"=555*				TOTAL 5/8 BARS=534'-0"=557*				TOTAL 5/8 BARS=536'-0"=559*				TOTAL 5/8 BARS=538'-0"=561*				TOTAL 5/8 BARS=540'-0"=563*				TOTAL 5/8 BARS=542'-0"=567*			
A	8	1/2	46'-2" 369'-4"	A	8	1/2	46'-2" 369'-4"	A	8	1/2	46'-2" 369'-4"	A	8	1/2	46'-2" 369'-4"	A	8	1/2	46'-2" 369'-4"	A	8	1/2	46'-2" 369'-4"
TOTAL 1/2 BARS=369'-4"=1256*				TOTAL 1/2 BARS=369'-4"=1256*				TOTAL 1/2 BARS=369'-4"=1256*				TOTAL 1/2 BARS=369'-4"=1256*				TOTAL 1/2 BARS=369'-4"=1256*				TOTAL 1/2 BARS=369'-4"=1256*			
TOTAL REIN. STEEL = 1989*				TOTAL REIN. STEEL = 1990*				TOTAL REIN. STEEL = 1991*				TOTAL REIN. STEEL = 1992*				TOTAL REIN. STEEL = 1993*				TOTAL REIN. STEEL = 2000*			
CLASS "A" CONC. = 1178 CU YD.				CLASS "A" CONC. = 1181 CU YD.				CLASS "A" CONC. = 1184 CU YD.				CLASS "A" CONC. = 1187 CU YD.				CLASS "A" CONC. = 1190 CU YD.				CLASS "A" CONC. = 1197 CU YD.			



DESIGN LOAD - NUMBER AND SIZES OF PILES					
SPAN	END BENT	INTERMEDIATE BENT	SPAN	END BENT	INTERMEDIATE BENT
30'	153.8	144.6 @ 25.6 TONS	150.0	144.6 @ 30.0 TONS	
32'	157.9	144.6 @ 26.3 TONS	153.1	144.6 @ 26.5 TONS	
34'	162.2	144.6 @ 27.0 TONS	167.4	144.6 @ 27.3 TONS	
36'	166.2	144.6 @ 27.7 TONS	175.3	144.6 @ 27.9 TONS	
38'	170.6	144.6 @ 28.4 TONS	183.8	144.6 @ 28.8 TONS	
40'	175.9	144.6 @ 29.3 TONS	193.9	144.6 @ 30.3 TONS	

GENERAL NOTES:
CONSTRUCTION SPECIFICATIONS APPROVED BY LA. HIGHWAY DEPT. STD. SPECS.
DESIGN SPEC. 1. LOUISIANA HIGHWAY COMMISSION, MARCH 1964.
ALL DIMENSIONS TO REINFORCING ARE TO BAR CENTERS.
ALL EXPOSED SURFACES TO HAVE A "TUBBED FINISH".
QUANTITIES COMPUTED ASSUMING USE OF 15% REIN.
COST OF EXPANSION MATERIAL AND TAP PAPER TO BE INCLUDED IN PRICE BID FOR OTHER ITEMS.

Note: Max. Allowable Loads Otherwise Indicated By Bridge Design Section.
14" A.C. Piles @ 30 Tons Max.
16" A.C. Piles @ 34 Tons Max.
18" A.C. Piles @ 38 Tons Max.

STANDARD PLAN
REINFORCED CONC. PILE BENTS
FOR R.C. DECK GIRDER SPANS
28' ROADWAY AND 2'-6" SIDEWALKS
TO BE USED WITH STD. PLAN C.G. 2-20

DATE: 8-27-1979

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED: H. E. V. CHECKED: M. E. V. TRACED: J. E. V.
IN CHARGE OF: J. E. V. HEAD BRIDGE DESIGNER

DATE	DESCRIPTION	BY
7-2-79	Rev. 10-10-78	J. E. V.
6-22-78	Reference to pile type omitted.	G. H.
1-4-78	Gen. Notes 7 Std. Plan No.	