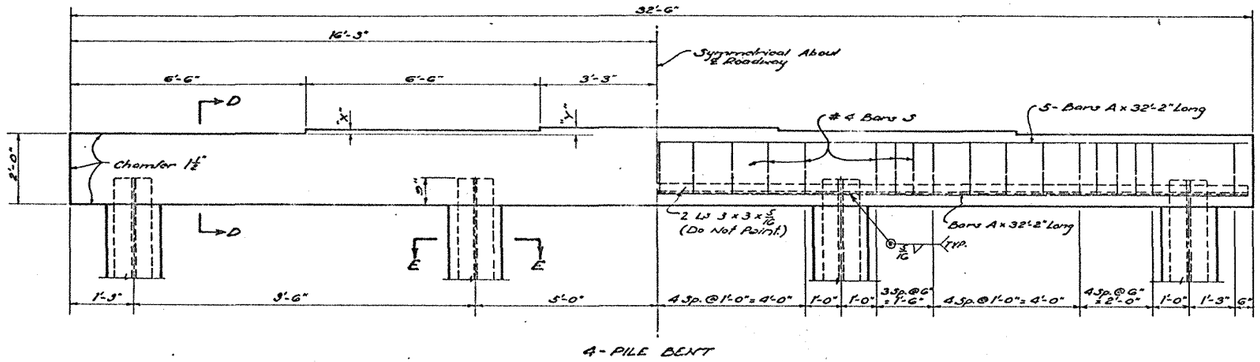
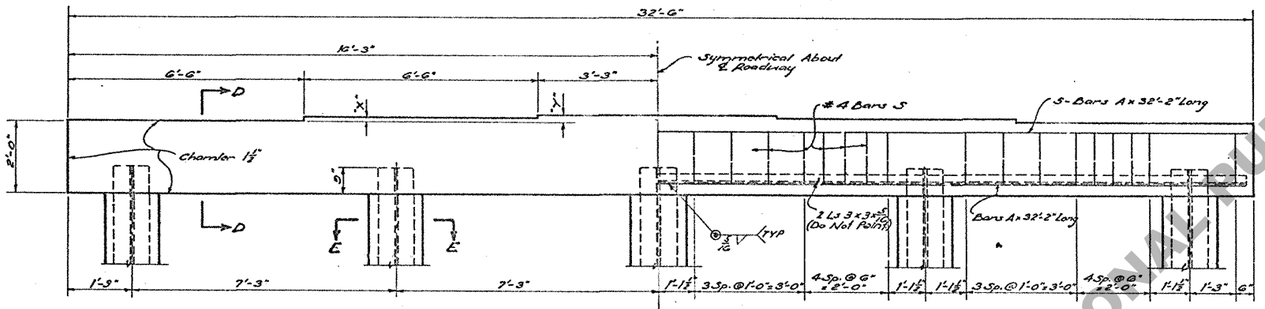
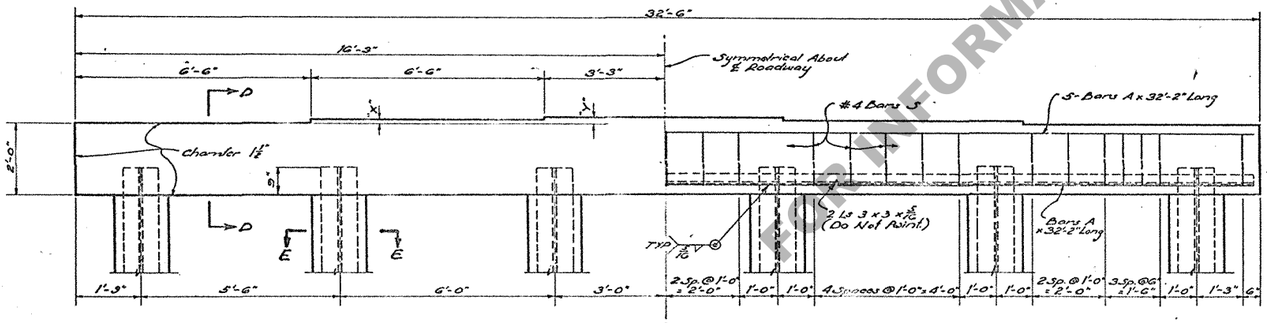
	STATE PROJECT	PARISH	SHEET NO



4-PILE BENT



5-PILE BENT



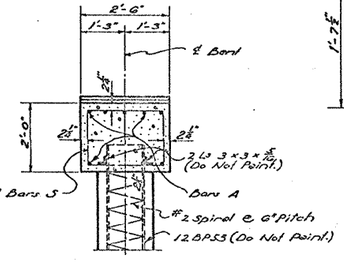
6-PILE BENT

INTERMEDIATE BENTS

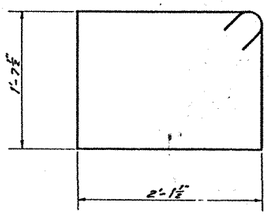
QUANTITIES FOR PILE ENCASEMENT PER FOOT OF PILE	
CLASS "A" CONCRETE =	0.0793 CU. YDS.
DEF. REINF. STEEL =	13.465 LBS.

INTERMEDIATE BENT QUANTITIES – DIMENSIONS – PILE LOADS

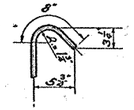
SPAN	DIMENSIONS		4-PILES				5-PILES				6-PILES				FABRICATED CARBON STEEL	SPAN
	"X"	"Y"	SIZE OF "A" BARS	CLASS "A" CONC.	DEF. REINF. STEEL	AV. PILE LOAD	SIZE OF A BARS	CLASS "A" CONC.	DEF. REINF. STEEL	AV. PILE LOAD	SIZE OF A BARS	CLASS "A" CONC.	DEF. REINF. STEEL	AV. PILE LOAD		
FT.	IN.	IN.		CU. YDS.	LBS.	TONS		CU. YDS.	LBS.	TONS		CU. YDS.	LBS.	TONS	LBS.	FT.
25	1 5/8"	2 3/16"	#9	6.25	964	27.2									400	25
30	1 5/8"	2 3/16"	#10	6.25	1168	30.8	#7	6.25	654	24.7					400	30
35	1 3/8"	2 5/16"					#8	6.27	795	27.4	#7	6.26	625	22.9	400	35
40	1 3/8"	2 7/16"					#8	6.28	795	30.2	#8	6.28	766	25.1	400	40
45	1 3/8"	2 5/16"					#8	6.27	795	33.2	#8	6.26	766	27.7	400	45
50	1 5/8"	2 7/16"					#9	6.25	959	36.4	#8	6.24	766	30.3	400	50



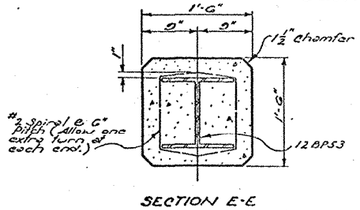
SECTION D-D



#4 BARS S (8'-6" LONG)



135° HOOK FOR #4 BARS



SECTION E-E

Encase All Piles From Bottom of Cap to 3'-0" Below Ground Elevation.

INTERMEDIATE BENTS

STANDARD PLAN
STEEL BEARING PILE BENTS
FOR 25' TO 50' I-BEAM SPANS
LIVE LOAD H20-S16-44 MODIFIED
28'-0" ROADWAY 1'-6" SIDEWALK
DATED APRIL 3 — 1968

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED	Lee	DETAILED	Lee	TRACED	M. MONCRIEF
CHECKED	R.G.	CHECKED	Mann	CHECKED	Mann

BRIDGE DESIGN SECTION

DATE	DESCRIPTION	BY
	REVISIONS	

SHEET 2 OF 2

BSC15A-90-28PXA