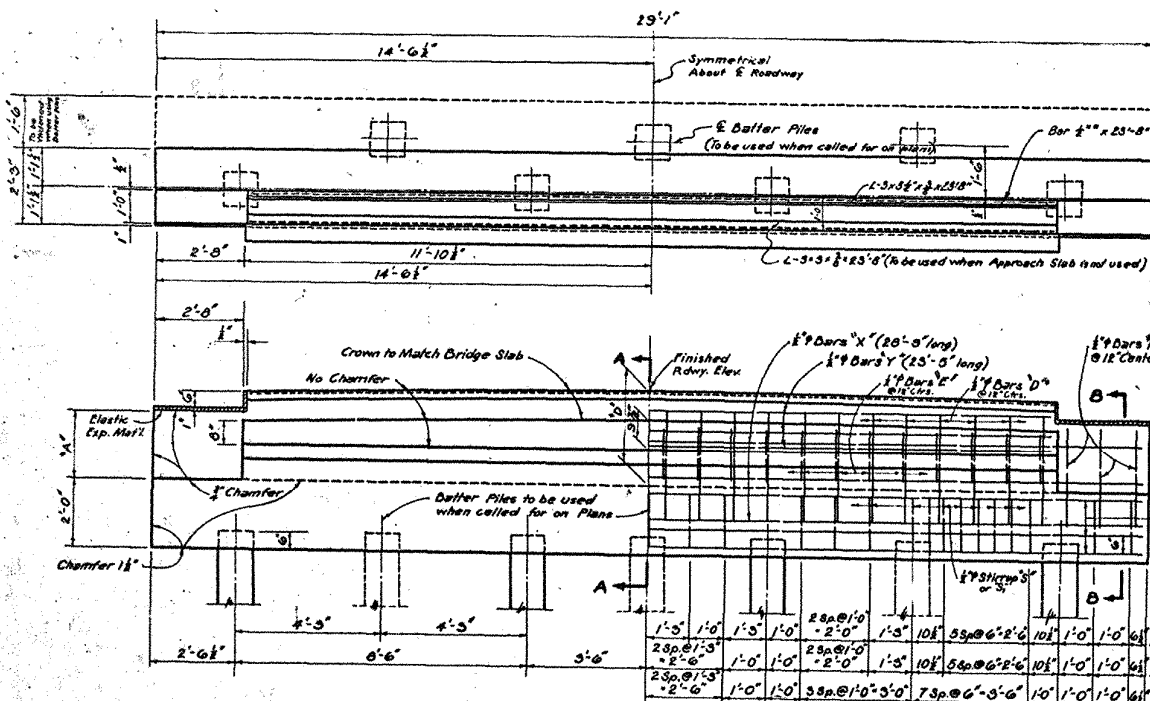
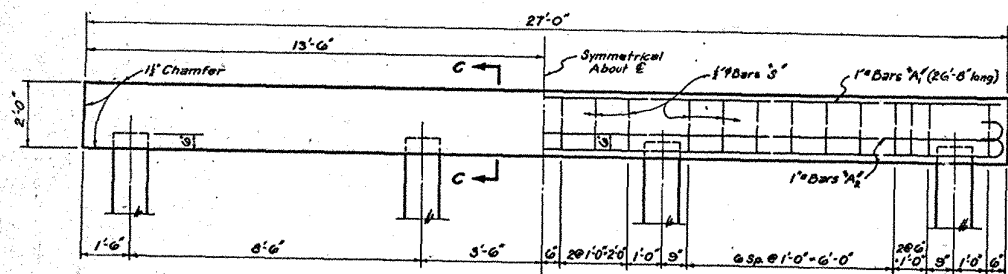
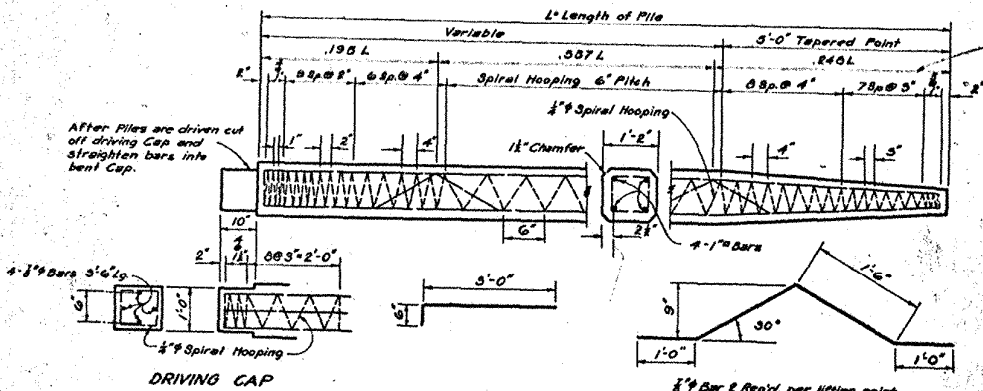




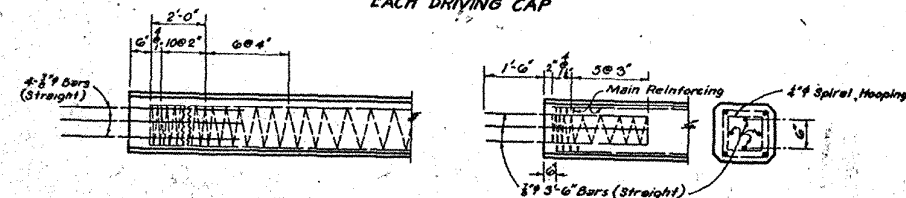
END BENT



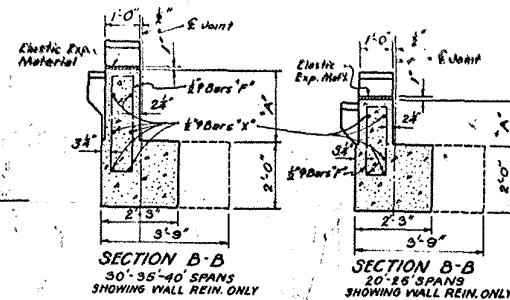
INTERMEDIATE BENT



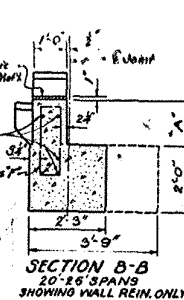
8" BAR 4-REQ'D EACH DRIVING CAP



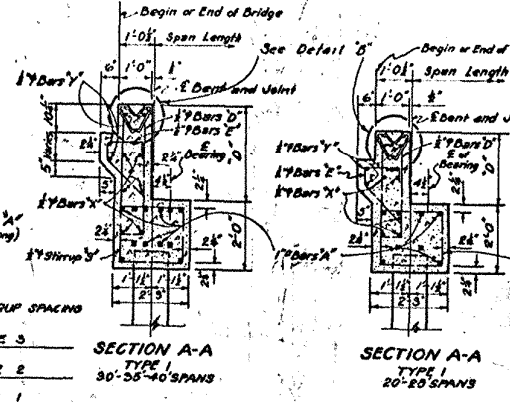
ALTERNATE DRIVING CAP
14" PILE DETAIL (MAX. LG. 46')



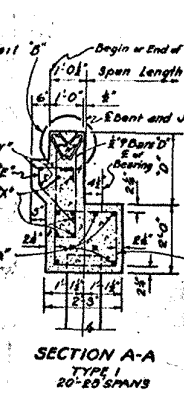
SECTION B-B
30'-35'-40' SPANS
SHOWING WALL REIN. ONLY



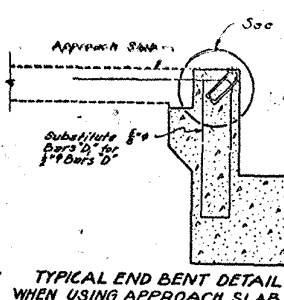
SECTION B-B
20'-25' SPANS
SHOWING WALL REIN. ONLY



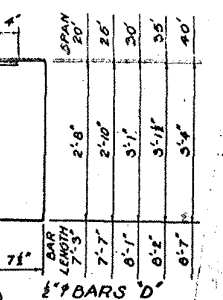
SECTION A-A
TYPE 1
30'-35'-40' SPANS



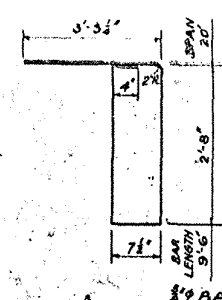
SECTION A-A
TYPE 2
20'-25' SPANS



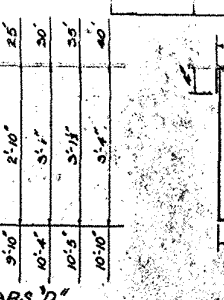
TYPICAL END BENT DETAIL
WHEN USING APPROACH SLAB (ALL SPANS)



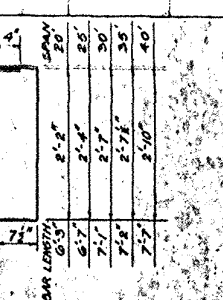
1" BARS D



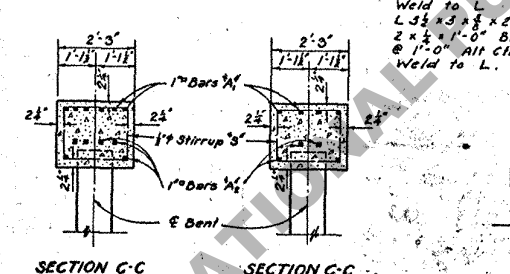
1" BARS D



1" BARS D



1" BARS D



SECTION C-C
30'-35'-40' SPANS

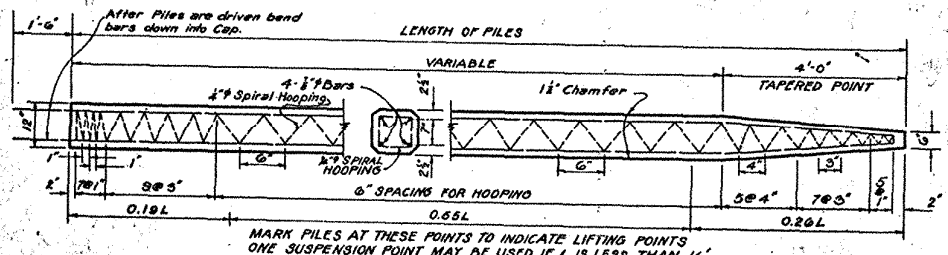


SECTION C-C
20'-25' SPANS

DETAIL "A"

NOTE: Maximum height ground to grade with 12" Conc. Pile = 15'-0", with 14" Conc. Piles = 20'-0".

Max. Pile Load Underneath Channeled Box Girder By An Overhead Crane
12" Conc. Pile = 15'-0", with 14" Conc. Piles = 20'-0"



MARK PILES AT THESE POINTS TO INDICATE LIFTING POINTS
ONE SUSPENSION POINT MAY BE USED IF L IS LESS THAN 16'
12" PILE DETAIL (MAX. LG. 35')

PILE SIZE	APPROXIMATE QUANTITIES FOR PILES			
	DRIVING CAP TOTALS	VARIABLE PART PER LIN. FT.	TAPERED PART TOTALS	
	CONC. CU. YDS.	REIN. STEEL LBS.	CONC. CU. YDS.	REIN. STEEL LBS.
12"	NONE	NONE	.037	9
14"	.031	36	.061	15
			.170	112*

* INCLUDES STEEL PROJECTING INTO CAP
** INCLUDES 8" BARS AT LIFTING POINTS.

QUANTITIES, DIMENSIONS, AND PILE LOAD #											
SPAN	DIMENSIONS		END BENT *						INTERMEDIATE BENT		
			TYPE			FAB. CARBON STEEL LBS.	AV. PILE LOAD TONS	CLASS CONCRETE CU. YDS.	DEF. REIN. STEEL LBS.	AV. PILE LOAD TONS	SPAN FEET
	"A"	"D"	ONE	TWO	THREE						
20	1'-4"	2'-1"	7.28	13.05	10.48	1533	10.46	1526	440	17.6	20
25	1'-6"	2'-3"	7.47	13.11	10.67	1540	10.65	1533	440	20.4	25
30	1'-8"	2'-5"	7.76	13.28	10.98	1560	10.94	1553	440	23.1	30
35	1'-10"	2'-7"	7.76	13.33	10.98	1562	10.96	1555	440	25.6	35
40	2'-0"	2'-9"	8.03	13.42	11.22	1570	11.20	1563	440	27.6	40

* To provide for future extension of bridge, the End Bents are designed for same load as Intermediate Bent.

VOID
R.D.G.
1956

* WHEN USING APPROACH SLAB		
SPAN	DEDUCT FAB. CARBON STEEL LBS.	ADD DEF. REIN. STEEL LBS.
20'	193	122
25'	193	125
30'	193	129
35'	193	130
40'	193	134

GENERAL NOTES - Construction Specifications: Latest approved La. Dept. of Highways Std. Spec. Design Specifications: A.A.S.H.O. 1944 Live Load: H-15-A-4 All dimensions of reinforcing steel are to bar centers. Quantities computed assuming 12" Piles. Reinforcing Steel shall be Intermediate Grade.

STANDARD PLAN
REINFORCED CONCRETE PILE BENTS
FOR 2-D.M. SPANS WITH LOADING
24'-0" CLEAR ROADWAY 1'-6" SIDEWALKS
20 THRU 40' SPANS
TO BE USED WITH STD. PLAN SC-59-15 REVISED

DESIGNED HUY
CHECKED HUY
DATE
REVISIONS

DETAILED HUY
CHECKED HUY
DATE
REVISIONS

THROU DESIGN SECTION