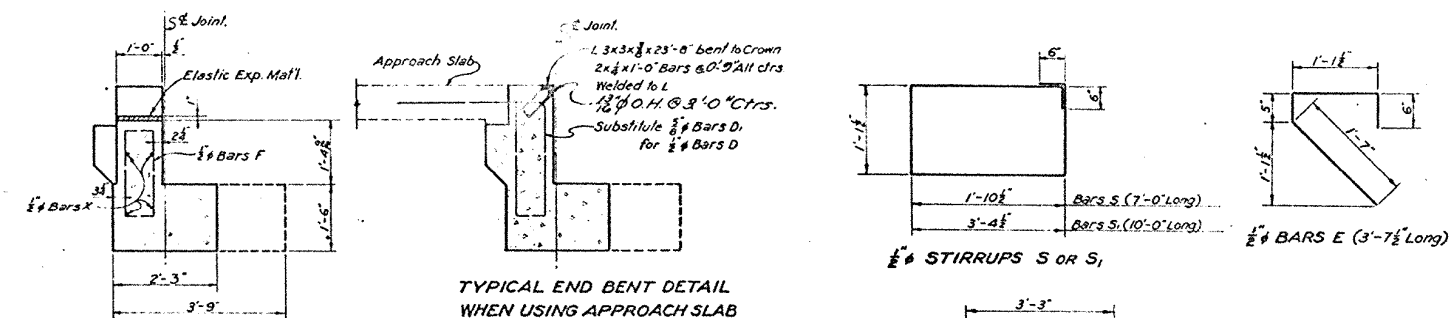
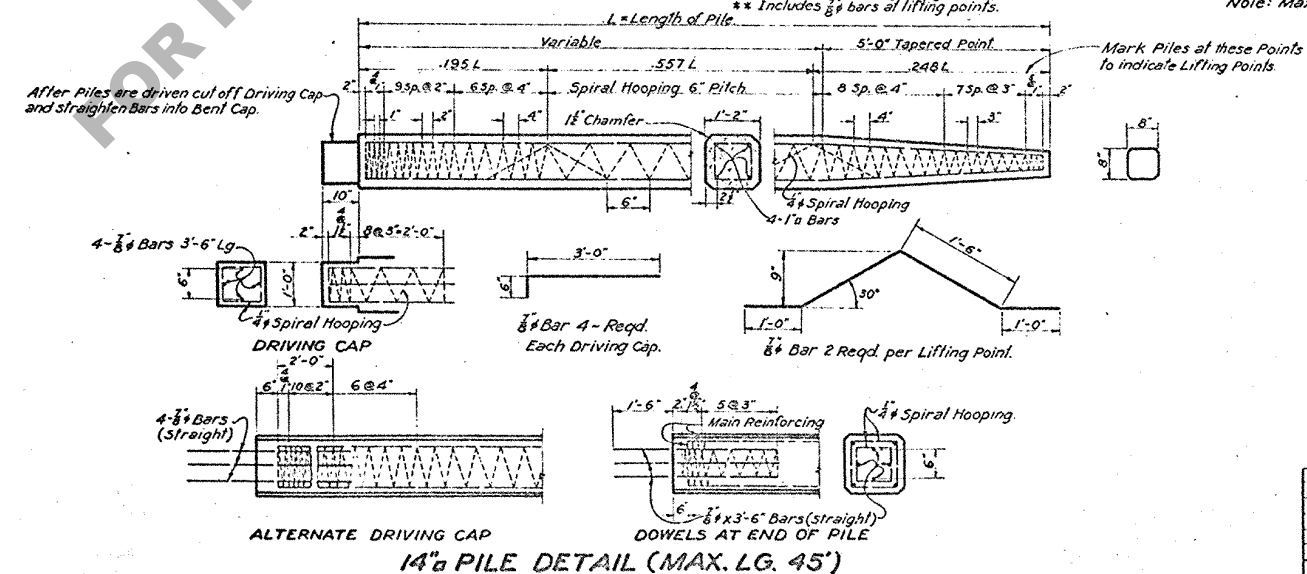
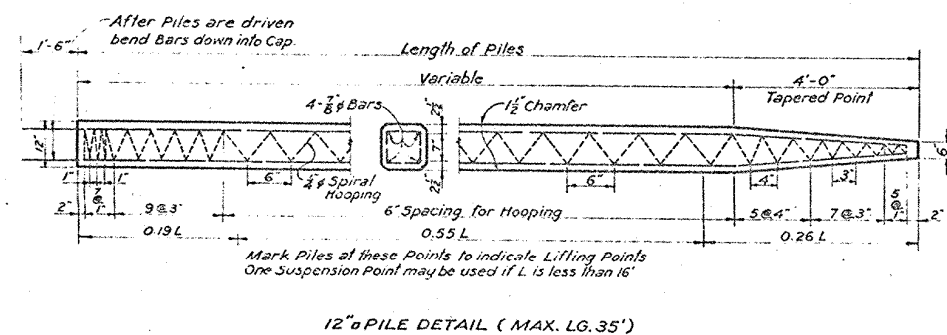
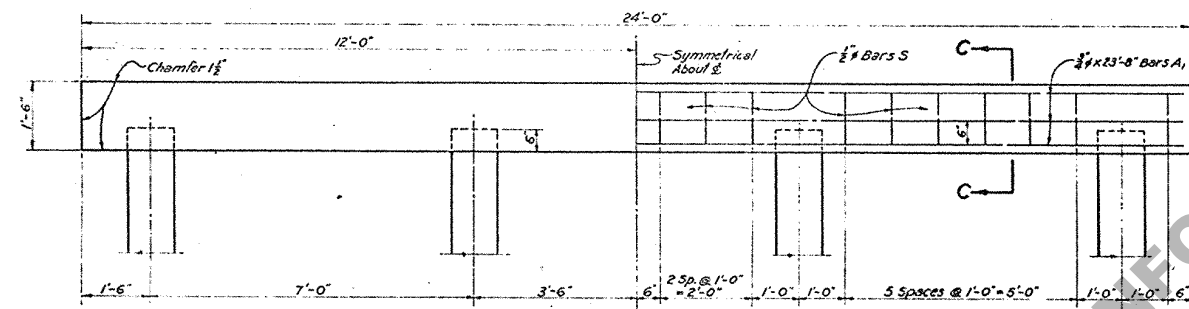
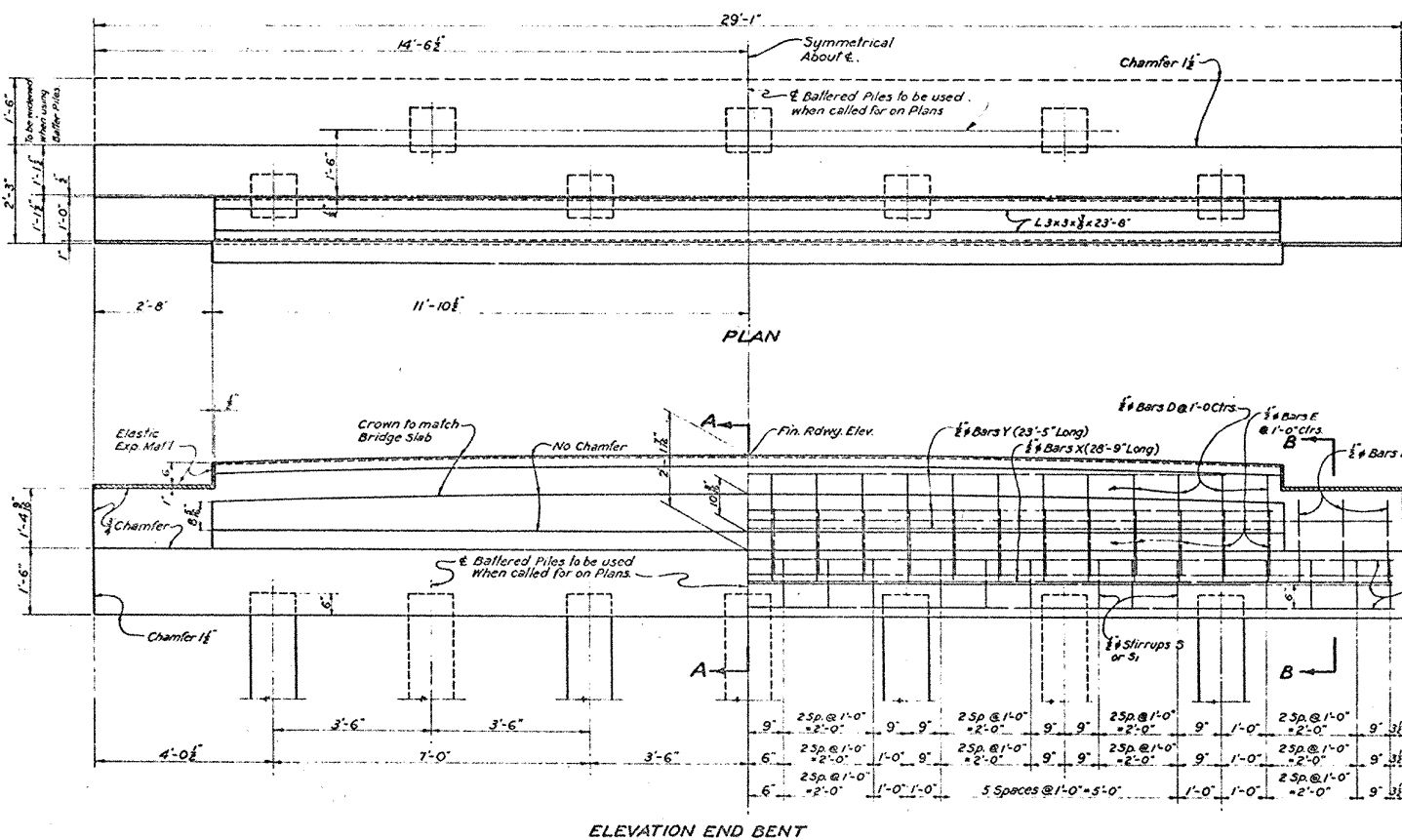




TYPE OF END BENT REQUIRED			
END BENT	GROUND TO GRADE FEET	SUB SOIL	BATTERED PILES
TYPE 1	0-5	Poor	0
	0-8	Good	
	5-10	Poor	
TYPE 2	8-16	Good	2
	10+	Poor	
TYPE 3	16+	Good	3

QUANTITIES								
END BENT *							INTERMEDIATE BENT †	
TYPE						FAB. CARBON STEEL LBS.	CLASS "A" CONC CU. YDS.	DEF. REINF. STEEL LBS.
ONE		TWO		THREE				
CLASS "A" CONC CU.YDS	DEF. REINF. STEEL LBS	CLASS "A" CONC. CU.YDS	DEF. REINF. STEEL LBS	CLASS "A" CONC CU.YDS	DEF. REINF. STEEL LBS			
6.11	711	8.49	849	8.48	849	406	2.93	355

* When using Approach Slab Deduct 193 Lbs. Fab. Carbon Steel
Add 118 Lbs. Def. Reinf. Steel
† At Exp. Joints Deduct 24 Lbs. Reinf. Steel (8 Bars "x" @ 2'-0")

*** PILE LOADING ***

20 FT. SPANS	17.5 Tons per Pile.
24 FT. SPANS	19.2 Tons per Pile.

* To provide for future Extension of Bridge the End bents are designed for same Load as Intermediate Bents.

Next, the Loads under otherwise instructed by the Engineer Sec.

1st = 20.0 Tons
1st = 24.0 Tons
1st = 28.0 Tons

Note: Maximum Height Ground to Grade with 12" Conc. Piles = 15'-0"; with 14" Piles = 20'-0".

GENERAL NOTES:
Construction Specs. Latest approved La. Hwy. Dept. Std. Specifications
Design Specs.: A.A.S.H.O., 1941 except Reinf. Steel in Tension - 20,000 %/a
Live Load: H15
All Dimensions to Reinforcing Steel are to Bar Centers.
Reinforcing Steel to be Structural or Intermediate Grade
quantities computed assuming 12' a Pile.

STANDARD PLAN
REINFC. CONCRETE PILE BENTS
FOR R.C.D.G. SPANS HIS LOADING
24'-0" CLEAR ROADWAY 1'-6" SIDEWALKS
20 FT. AND 24 FT. SPANS
TO BE USED WITH STD. PLAN C.G. 60'-15 Rev.
DATED Jan 1947

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED <i>TAB</i>	DETAILED <i>W. Allen</i>	TRACED <i>L. Holt</i>
CHECKED <i>Huey</i>	CHECKED <i>Huey</i>	CHECKED <i>Huey</i>

BRIDGE DESIGN SECTION