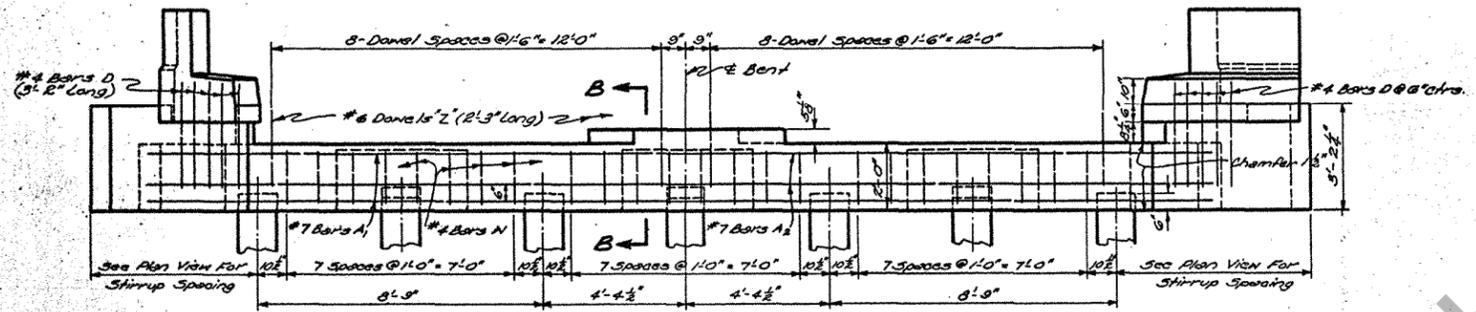
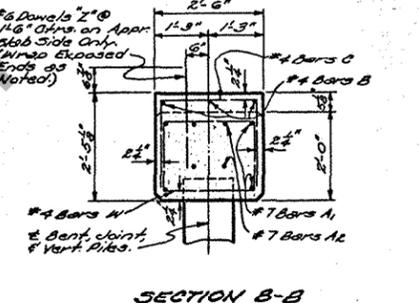
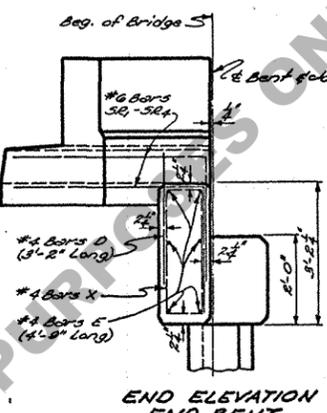
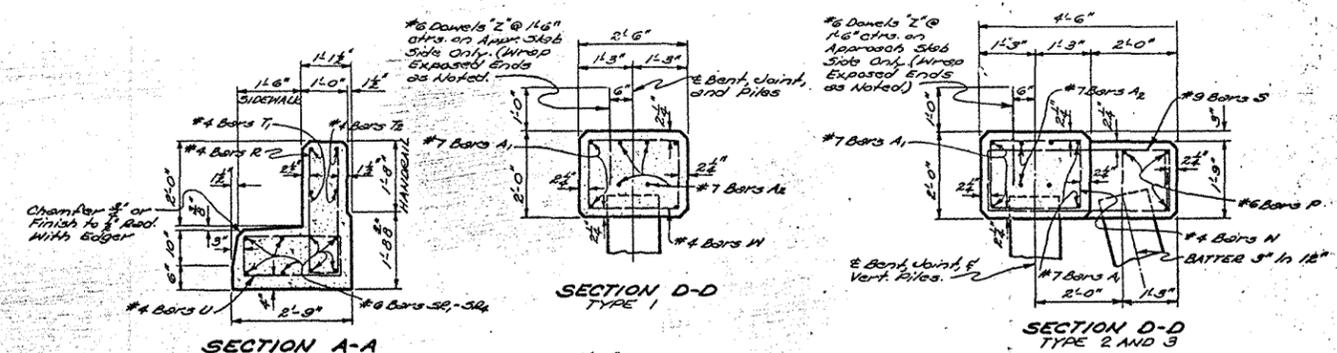


PLAN OF END BENT



ELEVATION OF END BENT



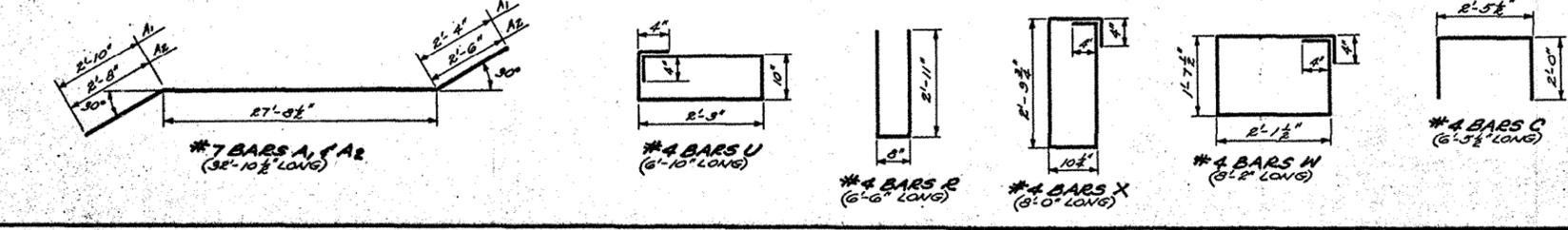
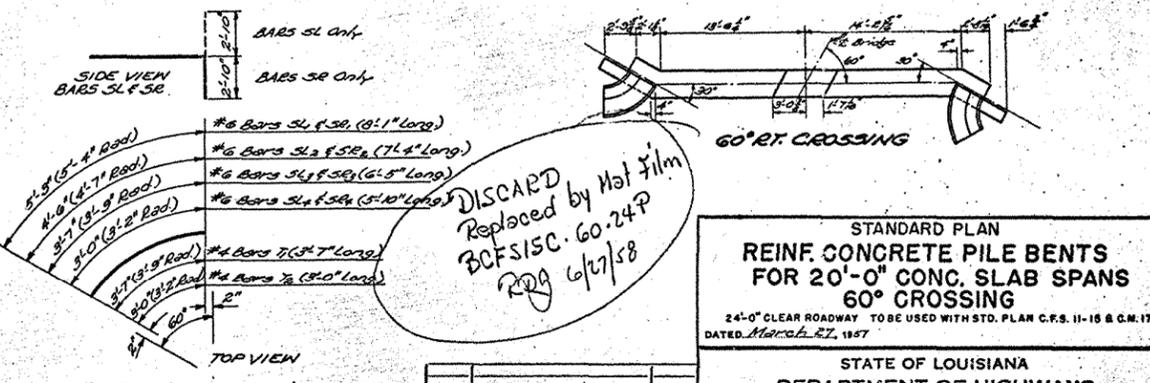
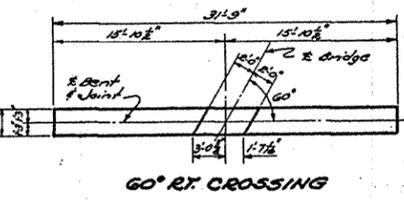
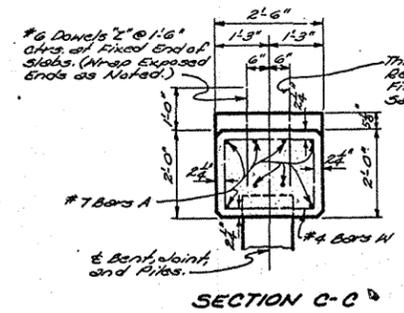
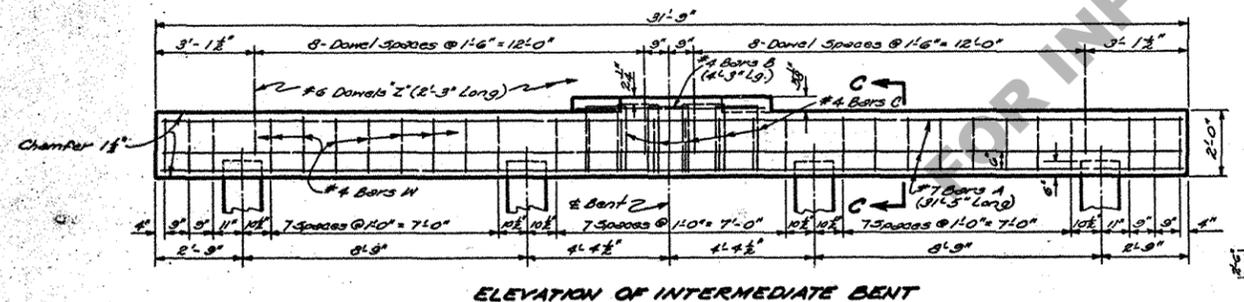
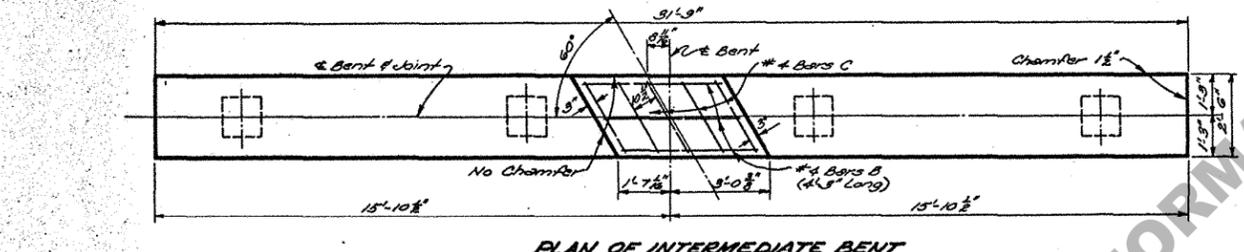
TYPE OF END BENT REQUIRED

TYPE	GROUND TO GRADE (FEET)	SUB-SOIL	BATTER PILES
1	0-5	POOR	0
1	0-8	GOOD	0
2	5-10	POOR	2
2	8-16	GOOD	2
3	10+	POOR	3
3	16+	GOOD	3

QUANTITIES (ONE BENT) - PILE LOADS

ITEM TYPE	CLASS "A" CONCRETE (CU. YDS.)	DEFORMED REINFORCING STEEL (POUNDS)	AVERAGE PILE LOAD (TONS)
4-PILE END BENT*			
1	9.97	1166	22.6
2	9.86	1542	22.6
3	10.95	1730	22.6
INTERMEDIATE BENT			
4-PILE	5.96	768	22.6

*Quantities Computed Assuming Use of 14" R.C. Piles.
*To Provide For Expansion of Bridge, End Bents are Designed For Same Load as Intermediate Bents.
*Add 6 Lbs. (10-#6 Dowels 2") When Two Fixed Ends Occur on Same Bent.



STANDARD PLAN
REINFORCED CONCRETE PILE BENTS
FOR 20'-0" CONC. SLAB SPANS
60° CROSSING
24'-0" CLEAR ROADWAY TO BE USED WITH STD. PLAN C.F.S. II-18 & C.M. 179
DATED March 22, 1957

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED	TRACED
By [Signature]	By [Signature]
Checked [Signature]	Checked [Signature]

BRIDGE DESIGN SECTION