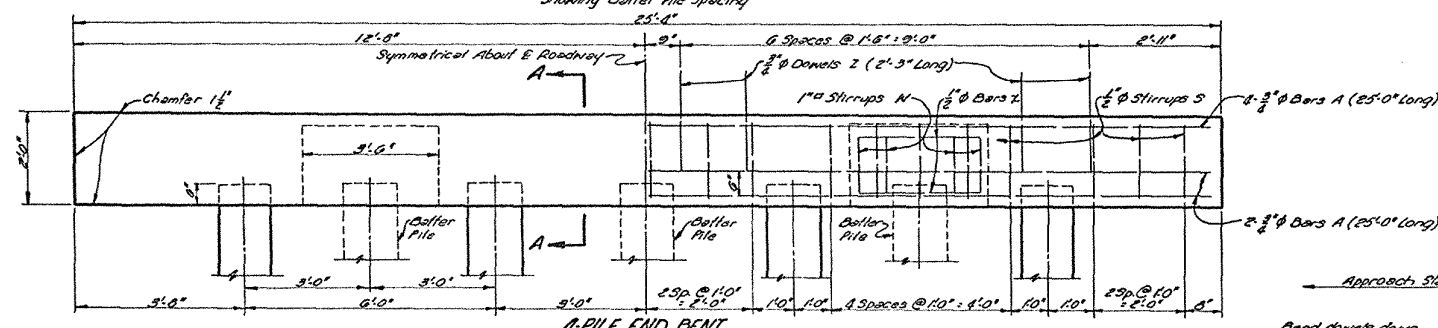
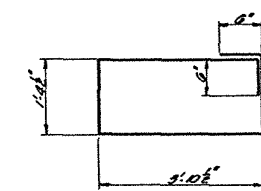
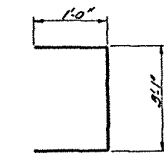
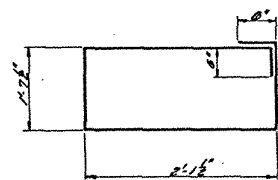
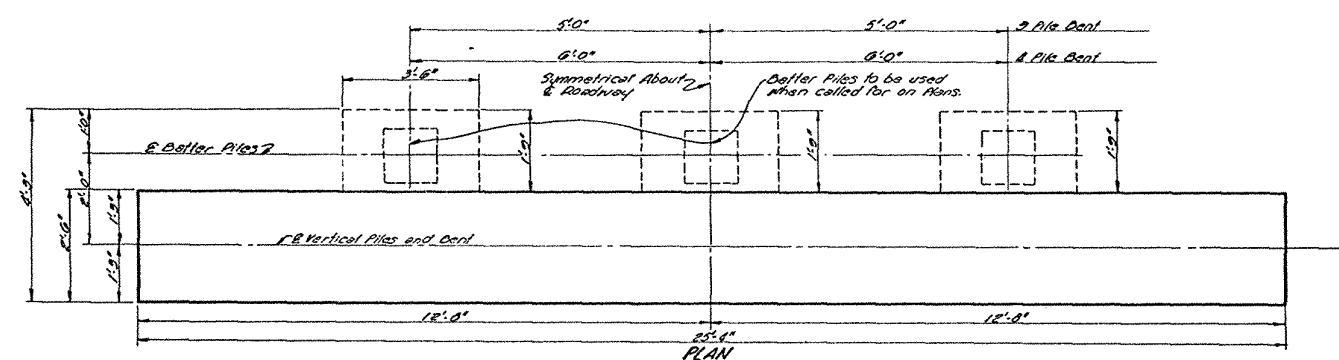
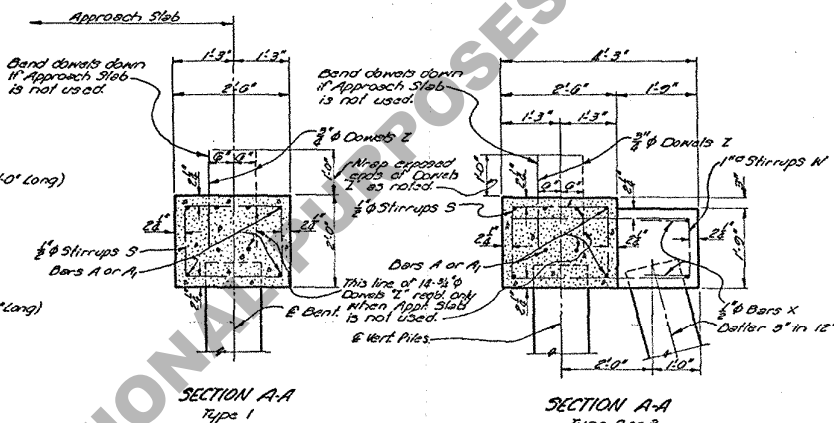
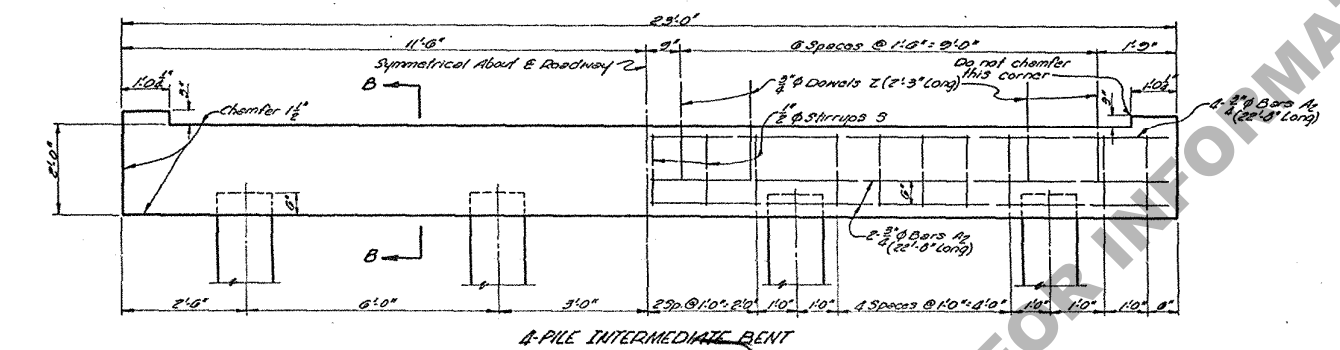
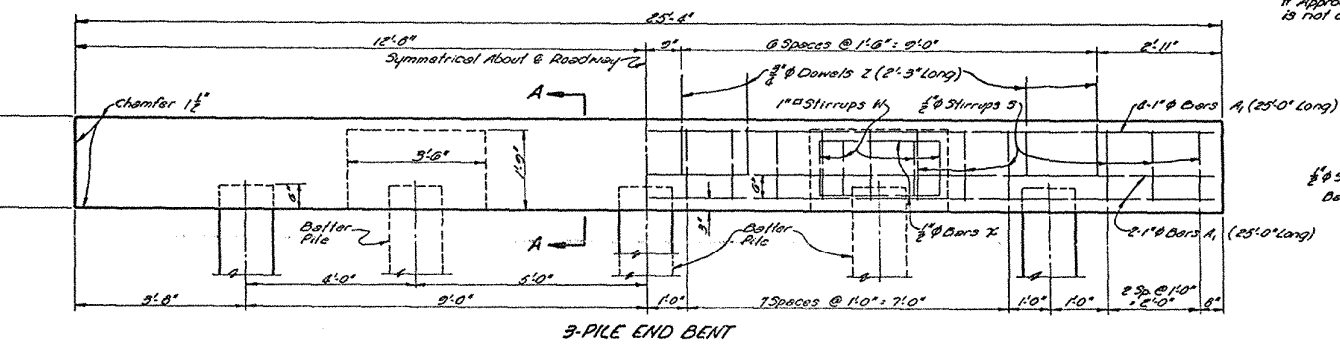


NOTE:
End Span to have fixed and at End Bent if Approach Slab is not used.



TYPE OF END BENT REQUIRED			
END BENT	GROUND TO GRADE (FEET)	SUBSOIL	NO. BATTERED PILES
Type 1	0-5	Poor	0
	0-8	Good	
Type 2	5-10	Poor	2
	8-10	Good	
Type 3	10+	Poor	3
	10+	Good	



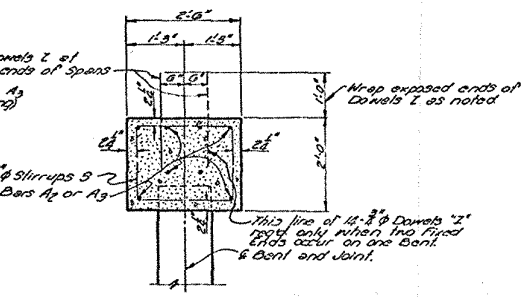
SECTION A-A Type 1

SECTION A-A Type 2 or 3

GENERAL NOTES:
Construction Specifications: Latest approved La. Highway Dept. Standard Specifications.
Design Specifications: A.A.S.H.O. as amended to Dec. 15, 1916.
Live Load: H-15-44.
Reinforcing Steel to be Structural or Intermediate Grade.
Dimensions relating to Reinforcing Steel are to bar centers.
All 3/4" bars are to be wrapped with 2 layers of 15 lb. Tar Paper.
Close fitting tubes, made of compressible material not less than 3/16" thick, may be substituted for Tar Paper Wrapping.

QUANTITIES AND PILE LOADS			
ITEM TYPE	CLASS "A" CONCRETE (CU. YDS)	DEFORMED REIN. STEEL (LBS.)	AVERAGE PILE LOAD (TONS)
3-PILE END BENT *			
Type 1	4.62	708	26.5
Type 2	5.36	1033	26.5
Type 3	5.73	1196	26.5
4-PILE END BENT *			
Type 1	4.62	467	19.9
Type 2	5.37	703	19.9
Type 3	5.75	957	19.9
INTERMEDIATE BENT			
3-Pile	4.18	645	20.5
4-Pile	4.19	820	19.9

* To provide for future extension of bridge, the end bents are designed for same load as intermediate bents.
Note: Add 87 lbs. of Reinforcing Steel (16-3/4" bars) when two fixed ends occur on one intermediate bent. Add 47 lbs. of Reinforcing Steel (14-3/4" bars) when Approach Slab is not used at End Bent.
Note: Maximum Ht. Ground to Grade with 12" Conc. Piles = 15'. With 14" Conc. Piles = 20'.
Maximum Pile Loads Unless Otherwise Indicated by Bridge Design Section:
12" A.C. Piles = 24 Tons
14" A.C. Piles = 28 Tons



SECTION B-B

Note:
For details of Concrete Piles See Std. Plan C-S-125.

STANDARD PLAN
REINFORCED CONCRETE PILE BENTS
FOR CONCRETE SLAB SPANS
20 FT. SPAN H15-44 LOADING
20'-0" CLEAR ROADWAY 1'-6" SIDEWALK
TO BE USED WITH STD. PLAN C-F-1-15
DATED Apr. 3, 1929

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED	CHECKED	TRACED
DATE	DATE	DATE
REVISIONS	REVISIONS	REVISIONS