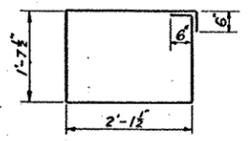
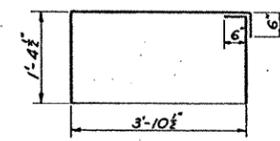


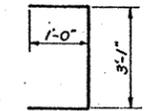
PLAN  
Showing Batter Pile Spacing.



1/2" STIRRUPS S  
8'-6" Long.



1" STIRRUPS W  
11'-6" Long.

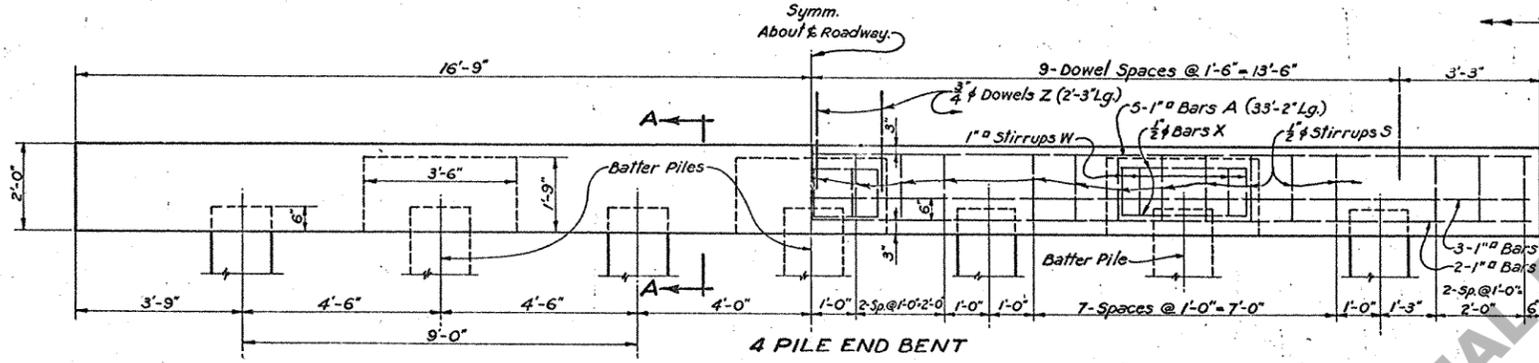


1/2" BARS X  
5'-1" Long.

TYPE OF END BENT REQUIRED			
END BENT	GROUND TO GRADE FEET	SUBSOIL	BATTERED PILES
TYPE 1	0-5	POOR	0
	0-8	GOOD	0
TYPE 2	5-10	POOR	2
	8-16	GOOD	2
TYPE 3	10+	POOR	3
	16+	GOOD	3

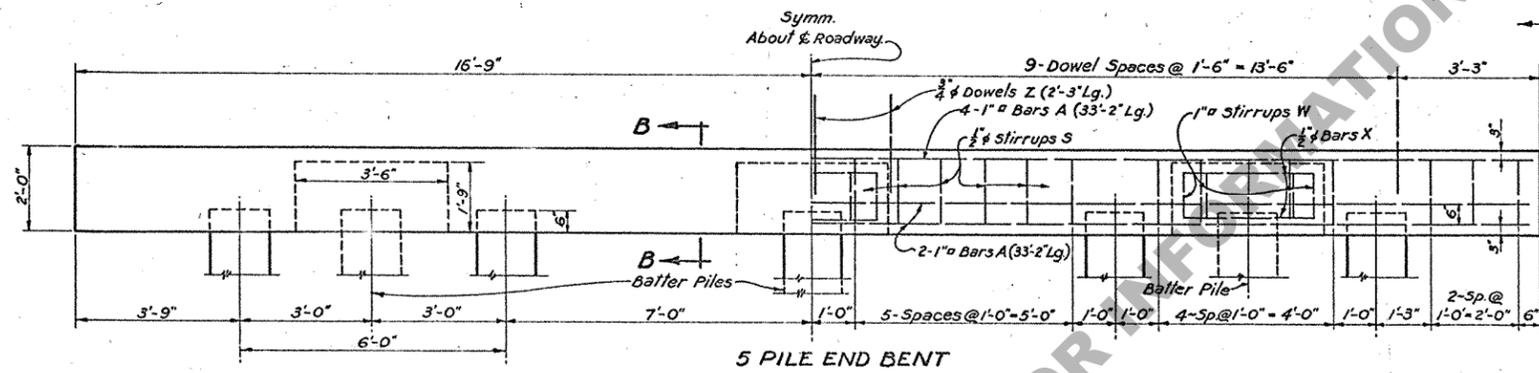
QUANTITIES AND PILE LOADS			
ITEM TYPE	CLASS A CONCRETE CU.YDS.	DEF. REINF. STEEL LBS.	AV. PILE LOAD TONS
<b>4 PILE END BENT *</b>			
1	6.07	1357	32.0
2	6.80	1684	32.0
3	7.16	1846	32.0
<b>5 PILE END BENT *</b>			
1	6.08	1125	25.6
2	6.82	1452	25.6
3	7.19	1614	25.6
<b>INTERMEDIATE BENT</b>			
4 PILE	5.75	1281	32.0
5 PILE	5.75	1064	25.6

\* To provide for future extension of bridge the End Bents are designed for same Load as Intermediate Bents.  
 \* NOTE: Add 68 Lbs. of Reinf. Stl. (20-3/4" Dowels Z) when two Fixed Ends occur on one Intermediate Bent. Add 68 Lbs. of Reinf. Stl. (20-3/4" Dowels Z) when Approach Slab is not used at End Bent.  
 \* Conc. Quantities Based on 16" Piles.  
 \* Conc. Quantities Based on 14" Piles.



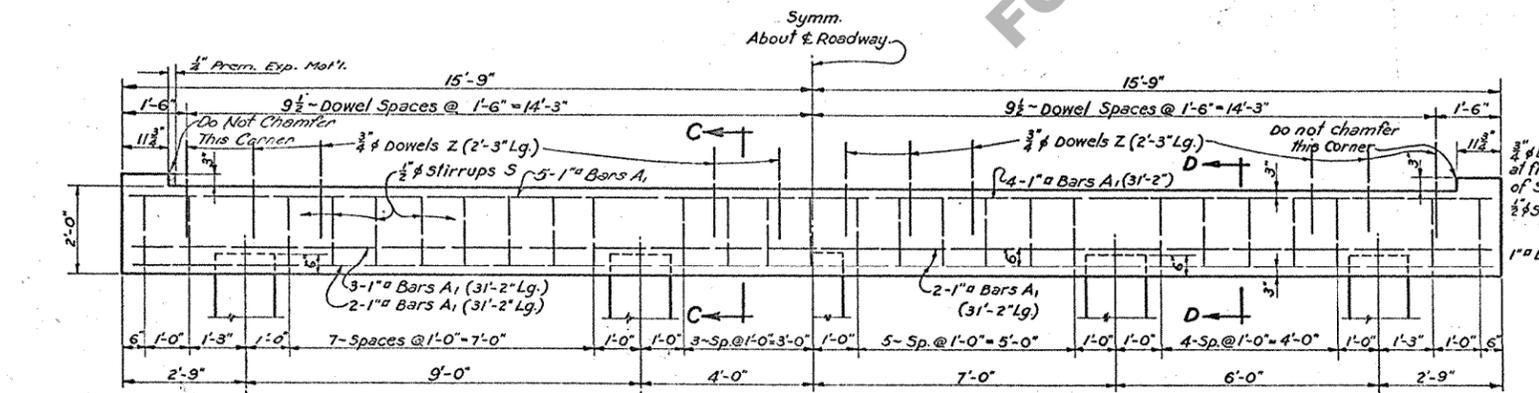
SECTION A-A  
TYPE 1

SECTION A-A  
TYPE 2 OR 3



SECTION B-B  
TYPE 1

SECTION B-B  
TYPE 2 OR 3



SECTION C-C

SECTION D-D

NOTE: For details of Concrete Piles. See Std. Plan C-S-149

Max. Pile Loads unless otherwise Instructed by Bridge Design Section:  
 14" R.C. Piles - 28 Tons per Pile  
 16" R.C. Piles - 32 Tons per Pile

GENERAL NOTES:  
 Construction Specs.: Latest approved La. Hwy. Dept. Standard Specifications.  
 Design Specs.: A. A. S. H. O. 1949.  
 Live Load H20-S16-44  
 All dimensions relating to Reinforcing Steel are to Bar Ctrs.  
 All Reinforcing Steel to be Structural or Intermediate Grade.  
 All 3/4" Dowels Z are to be wrapped with two 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.  
 All Corners to be chamfered 1/2" unless noted.  
 All Concrete to be Class "A".

STANDARD PLAN  
 REINFORCED CONCRETE PILE BENTS  
 FOR CONCRETE SLAB SPANS  
 20 FT. SPAN  
 28'-0" CLEAR ROADWAY 1'-6" SIDEWALKS  
 TO BE USED WITH STD. PLAN C-F-5-4-20  
 DATED May, 27, 1949.

STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS		DESIGNED	DRAWN	CHECKED	TRACED
		DATE	DATE	DATE	DATE
		DESCRIPTION	BY	BY	BY
		REVISIONS			