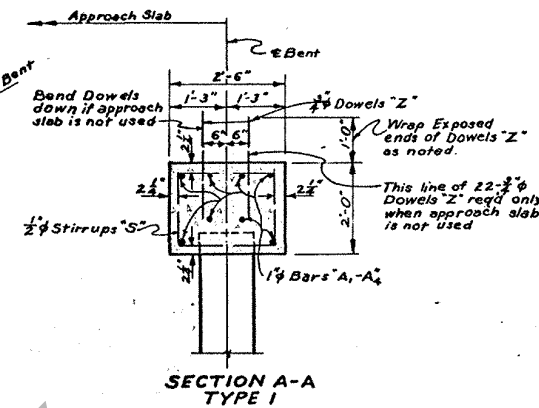
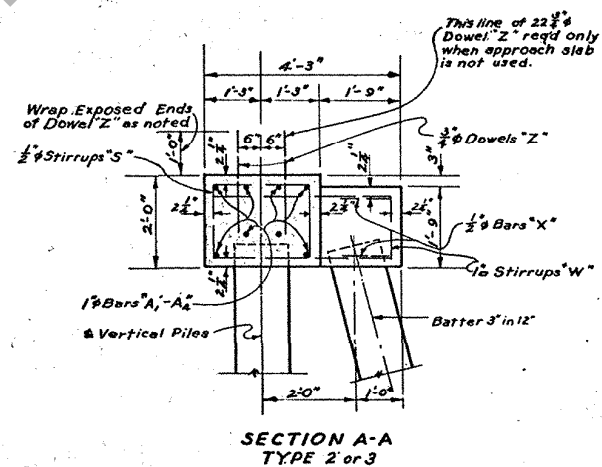




TYPE OF END BENT REQUIRED			
END BENT	GROUND TO GRADE feet	SUBSOIL	BATTERED PILES
TYPE 1	0-5	Poor	0
	0-8	Good	
TYPE 2	5-10	Poor	2
	8-16	Good	
TYPE 3	10+	Poor	3
	16+	Good	

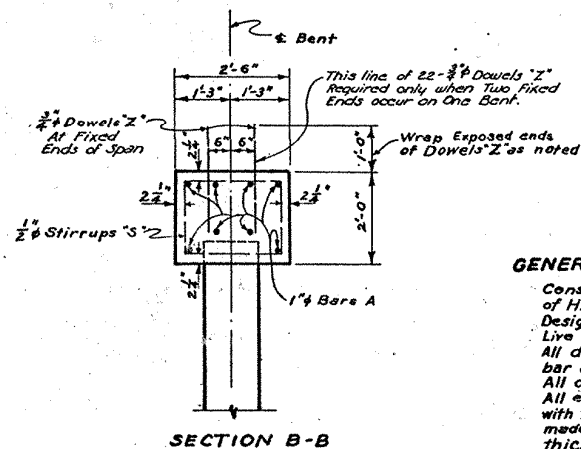


QUANTITIES & PILE LOADS			
ITEM TYPE	CLASS* CONCRETE Cu. Yds.	DEFORMED† REINF. STEEL Lbs.	AV. PILE LOAD Tons
END BENT®			
1	6.92	1118	26.3
2	7.66	1445	26.3
3	8.03	1608	26.3
INTERMEDIATE BENT			
	6.73	1102	26.3

* To provide for future extension of bridge the end bents are designed for same load as intermediate bents.

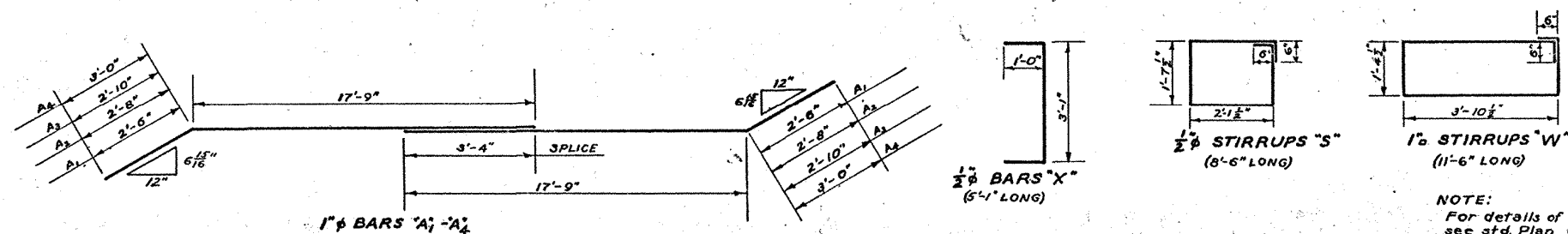
* Concrete quantities based on 14" piles
* Add 74 lbs. of Reinforcing steel (22- $\frac{3}{8}$ " Dowels "Z") when Approach is not used.
Add 74 Lbs. of Reinf. Steel (22- $\frac{3}{8}$ " Dowels "Z") when Two Fixed Ends occur on One Intermediate Bent.

MAX. PILE LOADS UNLESS OTHERWISE
INSTRUCTED BY BRIDGE DESIGN SECTION



GENERAL NOTES:

Construction Specifications: Latest approved La. Dept. of Hwy's Standard Specifications.
Design Specifications: A.A.S.H.O. as amended to Dec. 1949.
Live Load: 16K - 44
All dimensions relating to reinforcing steel are to bar centers.
All corners to be chamfered $\frac{1}{2}$ " unless otherwise noted.
All exposed ends of $\frac{3}{4}$ " Dowel bars "Z" to be wrapped with two layers of 15lb. tar paper. Close fitting tubes made of compressible material not less than $\frac{1}{2}$ " thick may be substituted for tar paper wrapping.
All concrete to be Class "A"



NOTE:
For details of Concrete Piles
see std. Plan C.S. 149

			STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS		
11-14-55	NOTE: DOWELS "Z"	<i>Allyson</i>	DESIGNED <i>H. H. Mason</i>	DETAILED <i>H. H. Mason</i>	TRACED <i>E. H. Nixley</i>
DATE	DESCRIPTION	BY	CHECKED <i>L. C. W.</i>	CHECKED <i>L. C. W.</i>	CHECKED <i>H. H. Mason</i>
	REVISIONS		IN CHARGE OF		