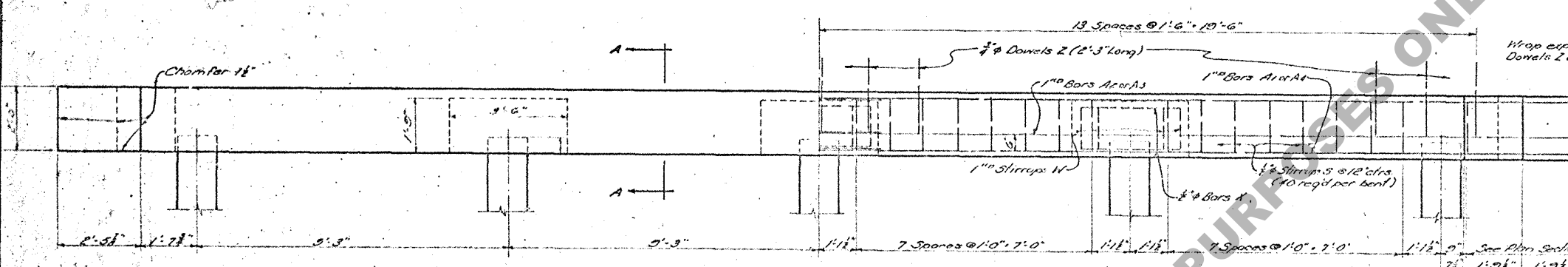
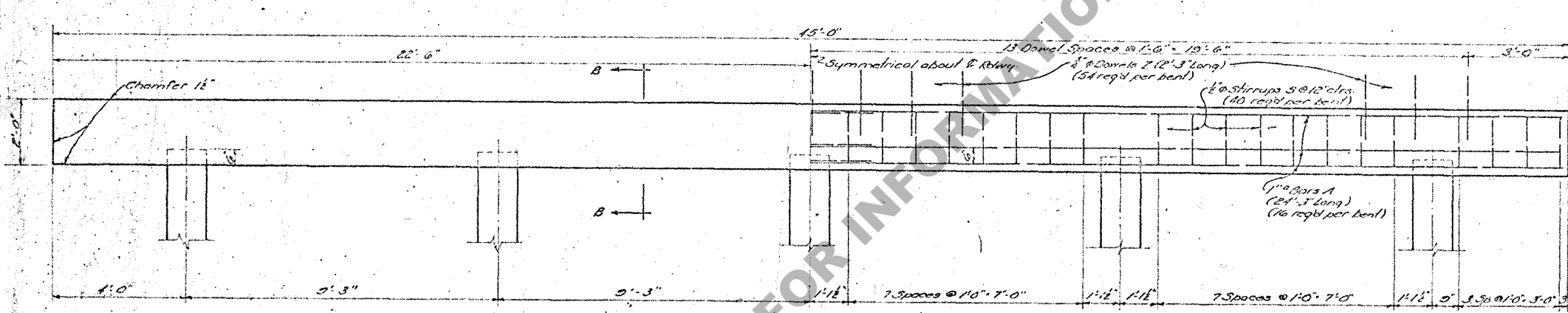


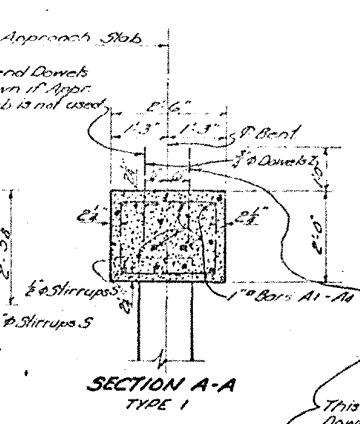
PLAN



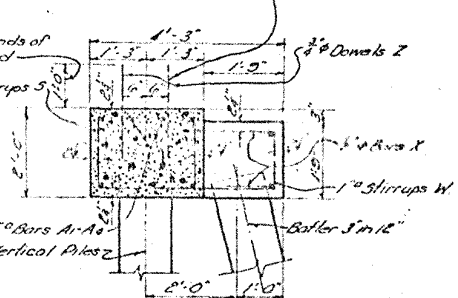
END BENT



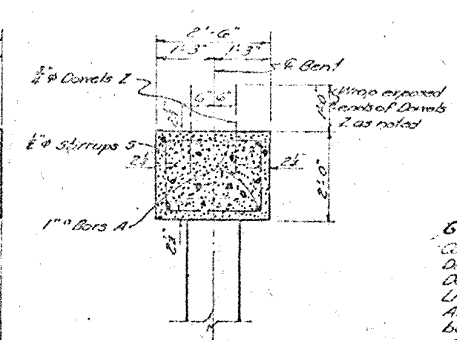
INTERMEDIATE BENT



SECTION A-A
TYPE 1



SECTION A-A
TYPE 2 OR 3



SECTION B-B

TYPE OF END BENT REQUIRED			
END BENT	GROUNDWATER	SUBSOIL	BATTERED PILES
TYPE 1	0-5	Poor	0
TYPE 2	5-10	Good	2
TYPE 3	10-16	Poor	3
	16+	Good	

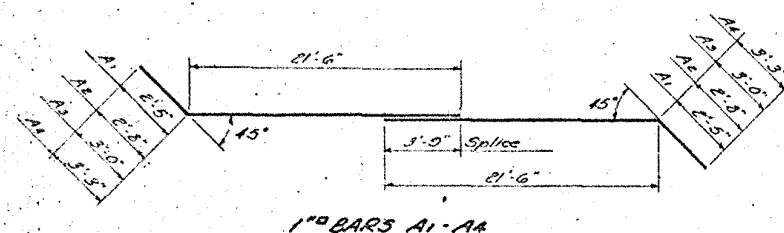
QUANTITIES & PILE LOADS			
ITEM	CLASS	DESIGNED FOR	AVG. PILE LOAD
TYPE	CONCRETE	STEEL	PILE LOAD
END BENT			
1	2.5	2.5	2.5
2	2.5	2.5	2.5
3	2.5	2.5	2.5
INTERMEDIATE BENT			
1	2.5	2.5	2.5
2	2.5	2.5	2.5
3	2.5	2.5	2.5

Provide for future extension of bridge. The end bents are designed to carry load as intermediate bents.

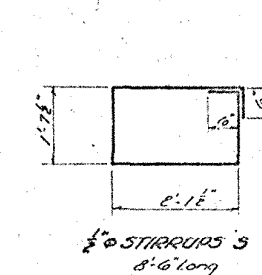
*Concrete quantities based on 14' piles. Add 21 lbs. of Reinforcing Steel (21' x 1" DOWELS) when Approach Slab is used.

MAX. PILE LOADS UNLESS OTHERWISE INSTRUCTED BY BRIDGE DESIGN SECTION:
14" RC Piles = 28 tons per pile
16" RC Piles = 32 tons per pile

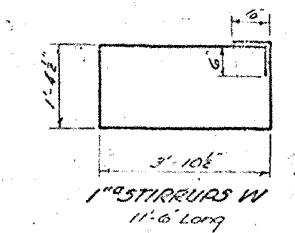
GENERAL NOTES:
Construction Specifications: latest approved Louisiana Department of Highways Standard Specifications, Design Specifications, A.A.S.H.O. 124-D.
Live load: MED-20-44.
All dimensions relating to Reinforcing Steel are to bar centers.
All Reinforcing Steel to be Structural or Intermediate Grade.
All corners to be chamfered 15° unless otherwise noted.
All 1" DOWELS to be wrapped with two layers of 15 lb. Tar Paper. When filling tubular piles with compressible material, use less than 10 lb. per sq. ft. be substituted for tar paper wrapping.
All concrete to be Class A.



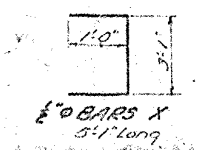
1" BARS A1-AA



1" STIRRUPS S
8'-6" long



1" STIRRUPS W
11'-6" long



1" BARS X
5'-1" long

NOTE:
For details of Concrete Piles see Std. Plan C-3140.

STANDARD PLAN: REINFORCED CONCRETE BENTS FOR CONC. SLAB SPANS 45° CROSSING			
28'-0" ROADWAY 16'-0" SIDEWALKS			
TO BE USED WITH STANDARD C-3140			
DATED July 22, 1942			
STATE OF LOUISIANA		DEPARTMENT OF HIGHWAYS	
DATE	DESCRIPTION	BY	REVISIONS

C-365-20