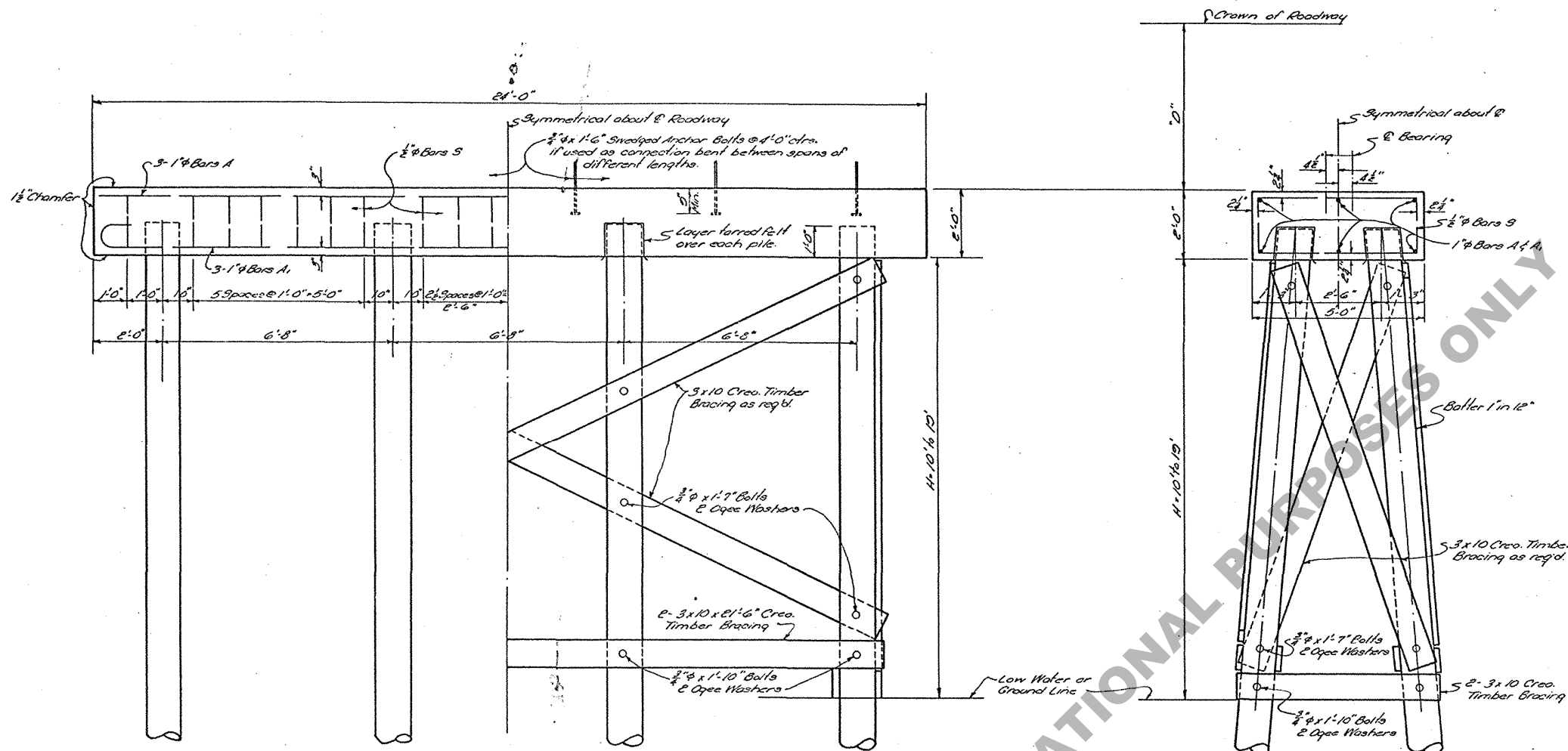
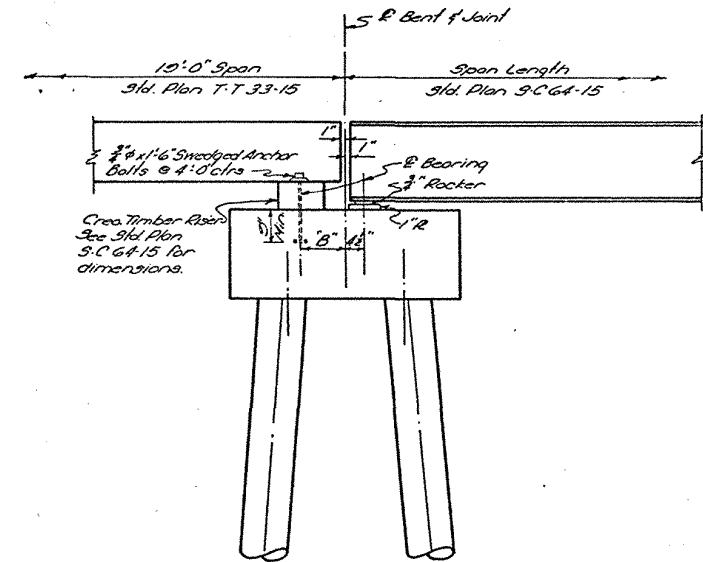




HALF ELEVATION
SHOWING REINFORCING

HALF ELEVATION
SHOWING BRACING

SIDE ELEVATION
INTER BENT



CONNECTION DETAIL
WHEN USING SPANS OF UNEQUAL LENGTH

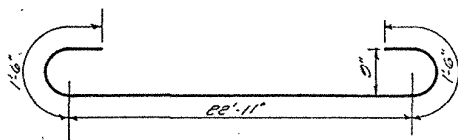
QUANTITIES, DIMENSIONS & PILE LOADS									
SPAN	DIMEN.	CONNECTION BENT			INTER BENT			EQUAL SPAN ADJ.	
		CU YDS	DEF. REIN. #	STEEL LBS.	CU YDS	DEF. REIN. #	STEEL LBS.	CU YDS	DEF. REIN. #
40	20' 0"	8.66	208	11.7	8.66	208	12.0		
15	11' 0"	8.66	208	12.5	8.66	208	14.0		

*Computed using T.T. 33-15 & S.C. 64-15

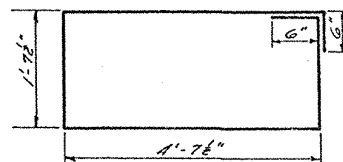
*When using 2 Connection Bents, add 12"

3/4" x 1'-6" Smeadged Anchor Bolts.

GENERAL NOTES.
Construction Specifications: Latest approved La. Dept. Hwys. Std. Specs.
Design Specifications: A.A.S.H.O. 1940 Live Load H-15-44
Concrete to be Class "A"
Exposed corners to have 1/2" chamfer.
Dimensions to Reinforcing Steel are to bar centers.
All timber to be Southern Yellow Pine (rough) or Douglas Fir (creosoted).
Upon cutting any piece of creosoted timber, same shall be immediately pointed with hot creosoted oil & roofing pitch in accordance with specifications.
Hardware to be galvanized.
All pile heads to be covered by one layer tarred felt.
12" dia. piles used for calculating quantities.
Cost of tarred felt to be included in price bid for timber piles.
Cost of hardware to be included in price bid for creosoted timber.



1" BARS A1
(Length 25'-11")



1/2" BARS S
(Length 13'-6")

BRACING BILL OF MATERIALS, CREO. TIMBER (ONE BENT)											
H = 10'-0"			H = 13'-0"			H = 16'-0"			H = 19'-0"		
U.P. OF PIECES	SIZE & LENGTH	FBM	U.P. OF PIECES	SIZE & LENGTH	FBM	U.P. OF PIECES	SIZE & LENGTH	FBM	U.P. OF PIECES	SIZE & LENGTH	FBM
2	3x10x23'-0"	115.0	2	3x10x24'-0"	120.0	2	3x10x25'-6"	127.5	2	3x10x27'-6"	137.5
4	3x10x21'-6"	215.0	4	3x10x21'-6"	215.0	4	3x10x21'-6"	215.0	4	3x10x21'-6"	215.0
2	3x10x10'-0"	50.0	2	3x10x12'-6"	62.5	2	3x10x15'-6"	77.5	2	3x10x19'-0"	95.0
4	3x10x5'-6"	35.0	4	3x10x6'-0"	60.0	4	3x10x6'-6"	65.0	4	3x10x7'-0"	70.0
TOTAL (FBM)		435.0	TOTAL (FBM)		457.5	TOTAL (FBM)		485.0	TOTAL (FBM)		517.5

REINFORCING STEEL					
BAR	N°	SIZE	LENGTH	UNIT WEIGHT	TOTAL WEIGHT
A	3	1"	25'-8"	.70	56
A1	3	1"	25'-11"	.70	61
S	20	1/2"	13'-6"	.668	181
TOTAL REINFORCING STEEL					208 LBS.

STANDARD PLAN
TIMBER PILE BENT
CONCRETE CAP

TO BE USED WITH STD. PLANS S.C. 64-15 & T.T. 33-15
DATED April 1950

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DATE	DESCRIPTION	BY	DESIGNED	CHECKED	TRACED
			Loyp	Loyp	Loyp
			Loyp	Loyp	Loyp
			Loyp	Loyp	Loyp

BRIDGE DESIGN SECTION

C.S. 200-15