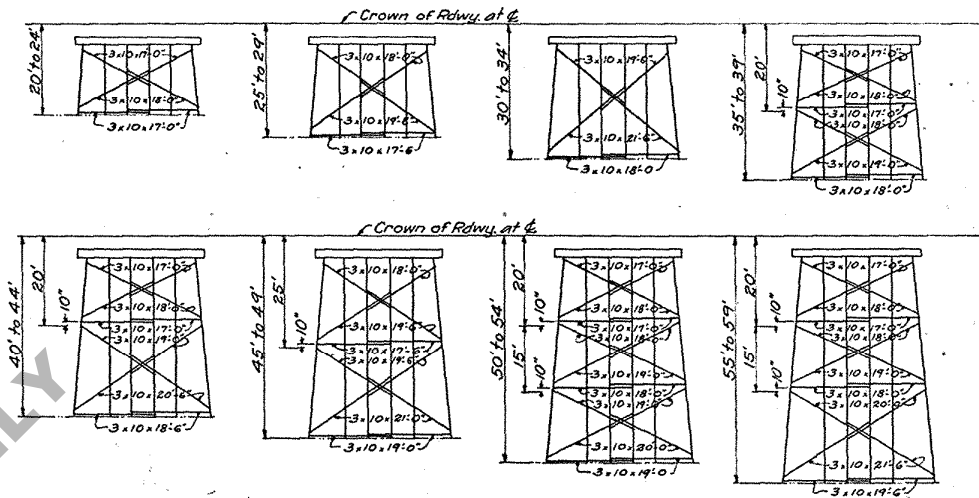
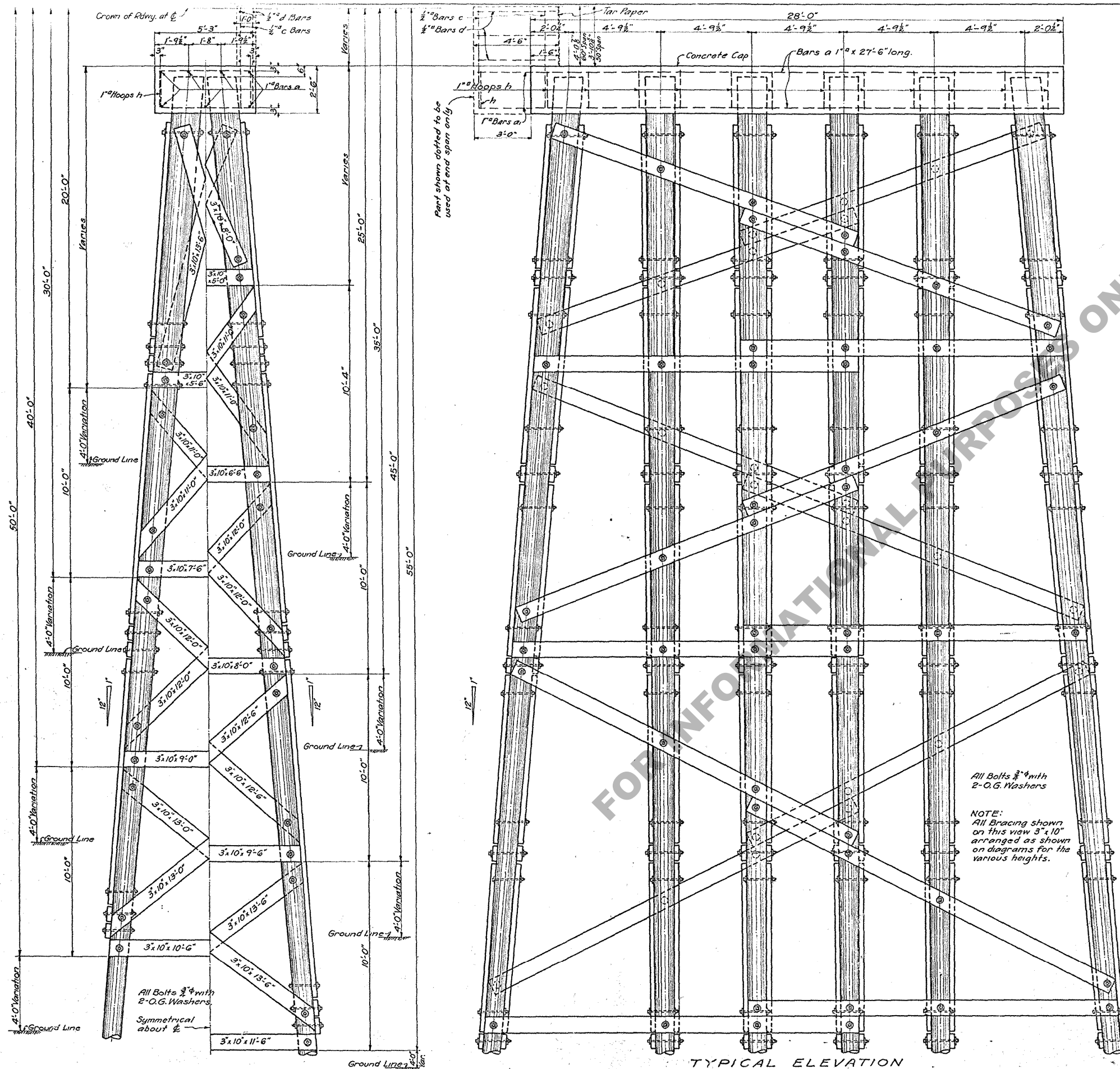




SWAY BRACING - QUANTITIES FOR ONE BENT

20' to 24' BENT			35' to 39' BENT			45' to 49' BENT			55' to 59' BENT		
No.	SIZE	F.B.M.	No.	SIZE	F.B.M.	No.	SIZE	F.B.M.	No.	SIZE	F.B.M.
2	3 x 10 x 18'-0"	90	2	3 x 10 x 19'-0"	95	2	3 x 10 x 21'-0"	105	2	3 x 10 x 21'-6"	107.5
6	" x 17'-0"	255	8	" x 18'-0"	360	4	" x 19'-0"	175	2	" x 20'-0"	100
12	" x 13'-6"	405	6	" x 17'-0"	255	4	" x 19'-0"	170	4	" x 19'-6"	195
12	" x 5'-6"	165	12	" x 12'-0"	360	2	" x 18'-0"	90	2	" x 18'-0"	95
			24	" x 11'-0"	330	4	" x 17'-6"	175	8	" x 18'-0"	360
			12	" x 8'-0"	480	12	" x 12'-6"	375	6	" x 17'-0"	255
			12	" x 6'-6"	195	12	" x 12'-0"	360	12	" x 13'-6"	405
			12	" x 5'-0"	150	12	" x 11'-0"	330	12	" x 12'-6"	375
						12	" x 9'-6"	285	12	" x 12'-0"	360
						24	" x 8'-0"	480	12	" x 11'-6"	345
						12	" x 6'-6"	195	12	" x 11'-0"	330
						12	" x 5'-0"	150	12	" x 8'-0"	285
									24	" x 8'-0"	480
									12	" x 6'-6"	195
									12	" x 5'-0"	150
Total Creo. Lumber 915 F.B.M.			Total Creo. Lumber 2225 F.B.M.			Total Creo. Lumber 2930 F.B.M.			Total Creo. Lumber 4037.5 F.B.M.		
Total Hardware 340 Pounds			Total Hardware 860 Pounds			Total Hardware 1040 Pounds			Total Hardware 1380 Pounds		

1/

1" Hoops h - Length 15'-6"

$\frac{1}{2}$ " Hoops ha - Length 8'-4"

BILL OF MATERIAL FOR ONE PILE SPLICE

Bar	No.	Size	Unit Length	Total Length	Location
b	4	1"	7'-3"	29'-0"	Vert. in Splice
h2	8	$\frac{1}{2}$ "	8'-4"	66'-8"	Hoops

Reinforcing Steel 155 Pounds

Concrete Class 'A' 8.4 Cu. Yd.

4 Splice Plates 3'x8'x6'-0" Cresoated = 48 F.B.M.

14- Bolts $\frac{3}{4}$ " x 1'-4" lg. with 2-0.6 Washers to each bolt = 54 Lbs.

BILL OF MATERIAL FOR ONE INTERMEDIATE CONG. CAP

Bar	No.	Size	Unit Length	Total Length	Location
a	7	1"	27'-6"	192'-6"	Longit. Bars in Cap
h	12	1"	15'-6"	186'-0"	Hoops
Total 1" Bars				378'-6"	= 1287'

Reinforcing Steel 1287 Pounds.

Class 'A' Concrete 12.91 Cu. Yds.

BILL OF MATERIAL FOR ONE END CONCRETE CAP

Bar	No.	Size	Unit Length	Total Length	Location
a	7	1"	33'-6"	234'-6"	Longit. Bars in Cap
h	14	1"	15'-6"	217'-0"	Hoops
c	8	$\frac{1}{2}$ "	5'-3"	42'-0"	Vert. in Riser
d	12	$\frac{1}{2}$ "	4'-0"	48'-0"	Longit. in " "

Total Reinforcing Steel 1612 Pounds

Total Class 'A' Concrete 17.13 Cu. Yds. Average

GENERAL NOTES
 Specifications: - La. Hwy. Comm. Dec. 1929
 All Bracing and Splice Plates to be Rough Lumber, Creosoted.
 All Concrete to be Class 'A'.
 All Reinforcing Steel to be deformed bars.
 Dimensions for Reinforcing Steel are to bar centers.
 Piles not to be spliced except where shown on General Plan or Plan and Profile of Bridge.

To be used with std. Plan S.C.25
STANDARD PLAN
TIMBER PILE BENT
 20 FT. TO 59 FT. HEIGHT
LOUISIANA HIGHWAY COMMISSION
 BATON ROUGE
 August-1931