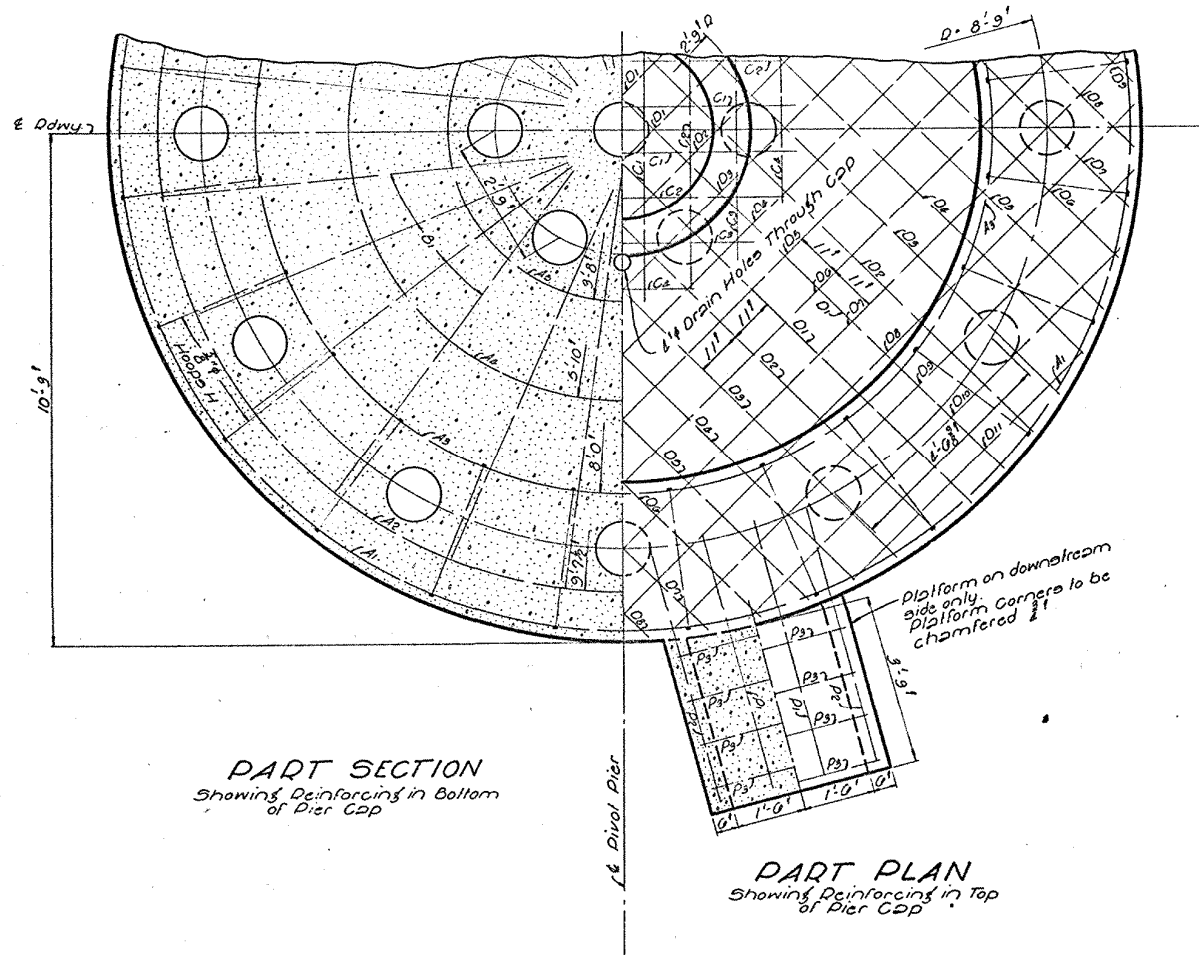
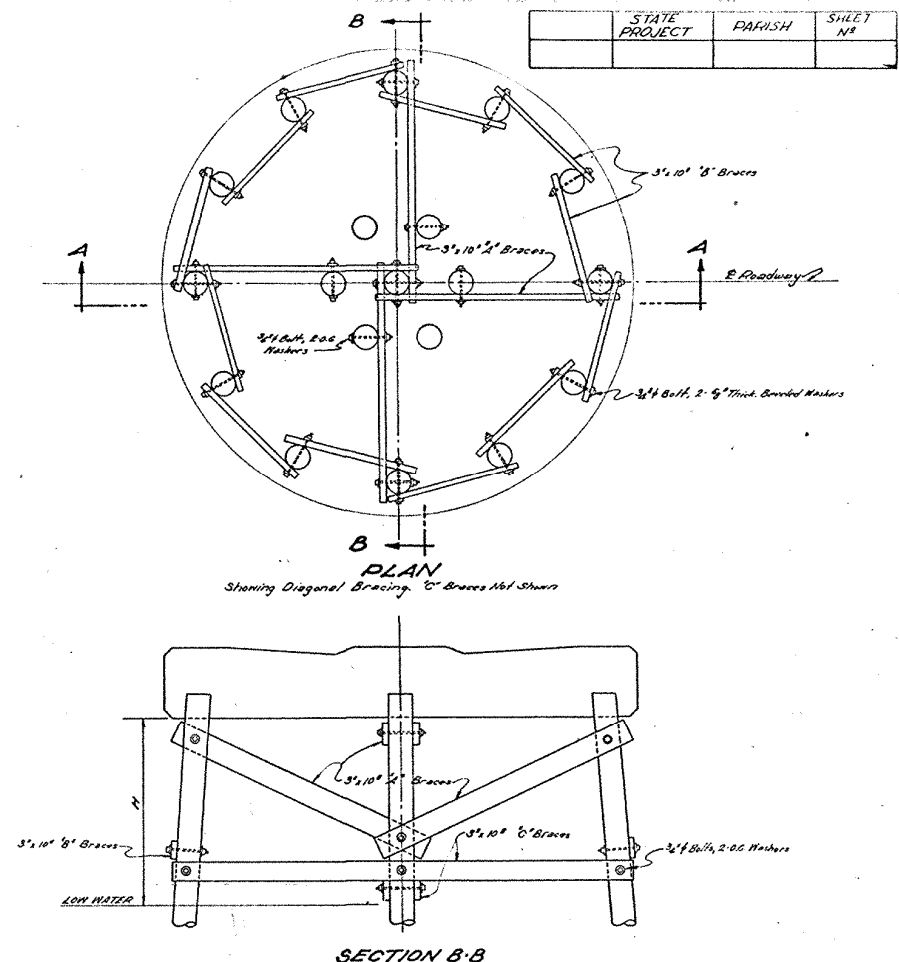


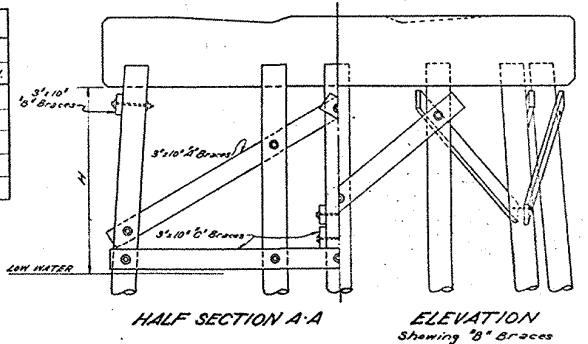
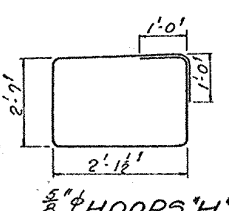
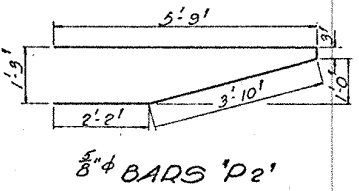
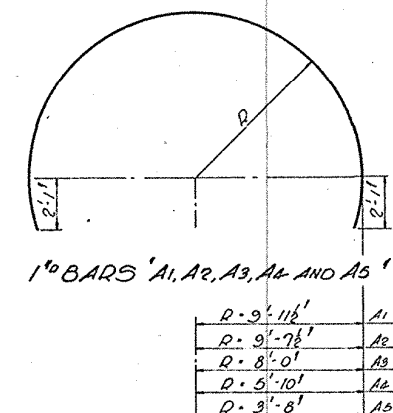
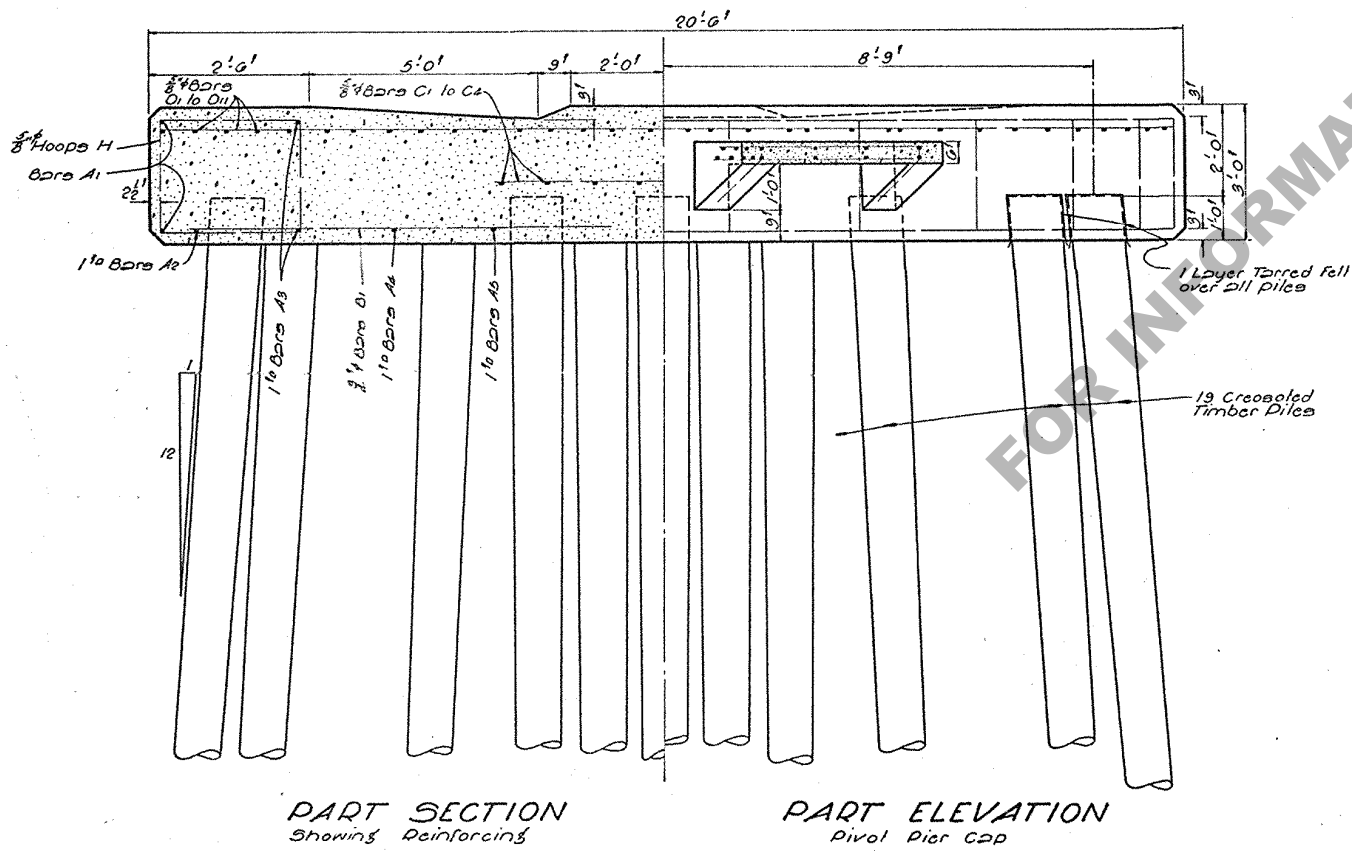


QUANTITIES FOR PIVOT PIER					
Mark	No	Size	Unit Length	Total Length	Location
A1	4	10	35'-6"	142'-0"	Top and Bottom of Cap
A2	2	1	34'-6"	69'-0"	Bottom of Cap
A3	4	1	29'-4"	117'-0"	Top and Bottom of Cap
A4	2	1	28'-6"	56'-0"	Bottom of Cap
A5	2	1	15'-9"	31'-0"	Bottom of Cap
Total 1" Reinforcing Bars					104'-10" @ 3.100" = 1376 Pounds
B1	24	3/4	8'-0"	192'-0"	Bottom of Cap
Total 3/4" Reinf. Bars					192'-0" @ 1.502" = 288 Pounds
H	24	5/8	11'-5"	276'-0"	Hoops (see detail)
C1	4	1	7'-7"	30'-4"	Over Center Piles
C2	4	1	7'-2"	28'-8"	"
C3	4	1	5'-9"	23'-0"	"
C4	4	1	3'-2"	12'-8"	Over Center Piles
D1	4	1	20'-0"	80'-0"	Top of Cap
D2	4	1	19'-10"	79'-4"	"
D3	4	1	19'-0"	76'-0"	"
D4	4	1	19'-0"	76'-0"	"
D5	4	1	18'-3"	73'-0"	"
D6	4	1	17'-4"	69'-4"	"
D7	4	1	16'-1"	64'-4"	"
D8	4	1	14'-6"	58'-0"	"
D9	4	1	12'-0"	50'-0"	"
D10	4	1	9'-10"	39'-4"	"
D11	4	1	5'-3"	21'-0"	Top of Cap
P1	4	1	5'-8"	22'-8"	Top and Bottom of Platform
P2	2	1	12'-0"	24'-0"	Platform Brackets (see detail)
P3	8	1	3'-8"	29'-4"	Top and Bottom of Platform
Total 5/8" Reinf. Bars					1133'-0" @ 1.043" = 1182 Pounds
Total Weight of Reinforcing Steel in Cap					2846 Pounds
Total Class 2 Concrete in Pier Cap					35.77 Cu. Yds.

MAX. Pivot Pier Pile Loading - 14.3 Tons Per Pile



TIMBER BRACING				
H (Feet)	CREDS LBR. F.B.M.			TOTAL F.B.M.
A	B	C		
6' to 8'	120	240	200	560



GENERAL NOTES
Construction Specs: Latest approved La. Hwy. Dept. Std. Specs.
Design Specs: Louisiana Highway Commission, March, 1940
Concrete to be Class 24
Dimensions to Reinforcing Steel are to bar c/s
Quantities Computed Assuming Use of 12" Piling
Cost of Tar Paper to be included in Price Bid For Other Items

STANDARD PLAN PIVOT PIER CONC. CAP ON TIMBER PILES TO BE USED WITH STD. PLAN 5-5-4			
STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS BATON ROUGE, LA. FEBRUARY 1961			
DESIGNED L.V.V.	DETAILED L.V.V.	TRACED J.H. Jackson	
CHECKED Huey	CHECKED Huey	CHECKED Huey	
IN CHARGE OF L.V.V.		HEAD BRIDGE DESIGNER	

DATE	DESCRIPTION	BY
10-41	BRACING ADDED	S.A.
1-46	Gen. Notes & Std. Plan No.	R.A.H.
9-47	1" bars to 5/8"	R.A.H.
REVISIONS		