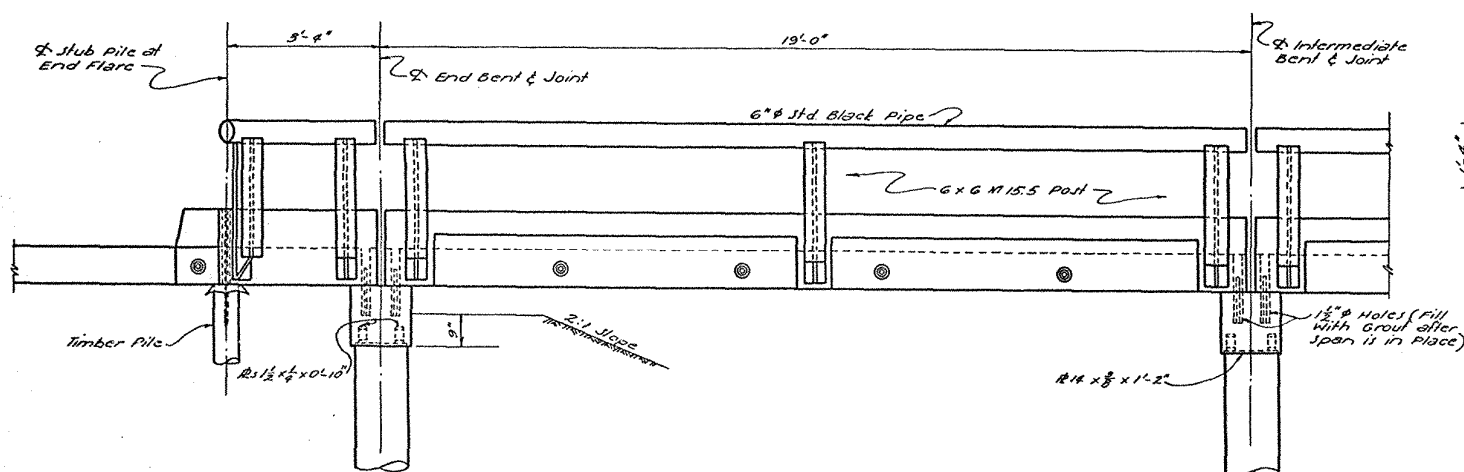
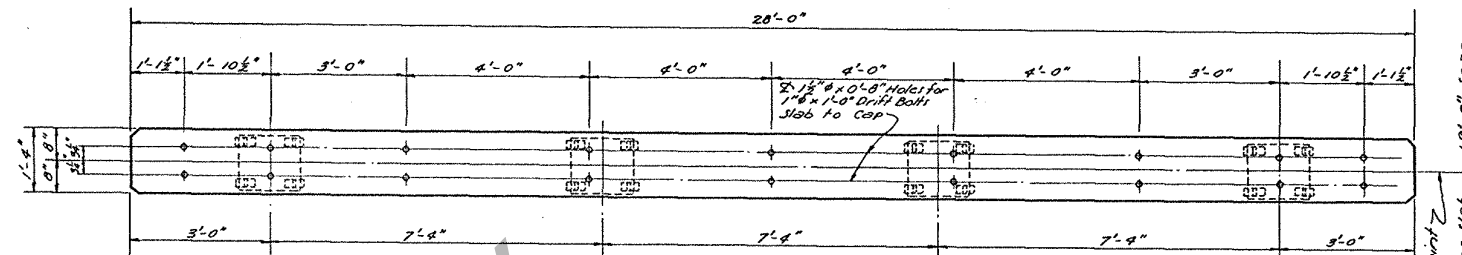
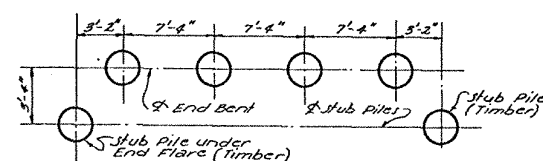




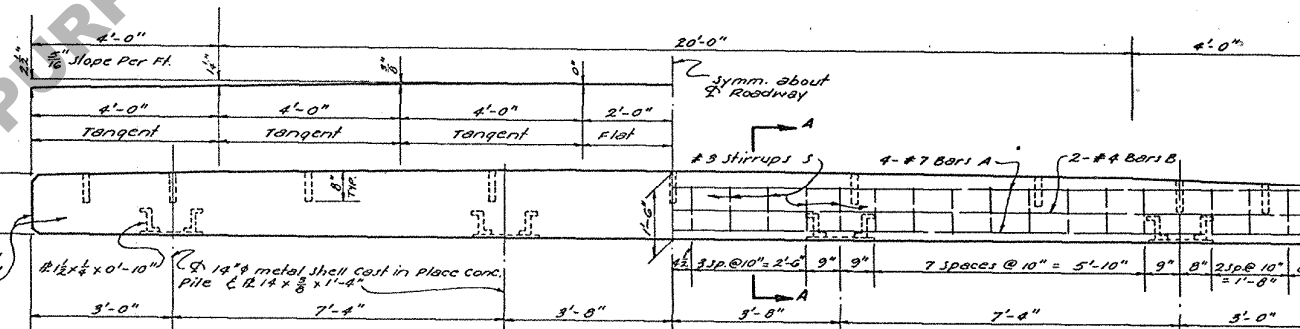
PART ELEVATION



PLAN OF PRECAST CONCRETE CAP

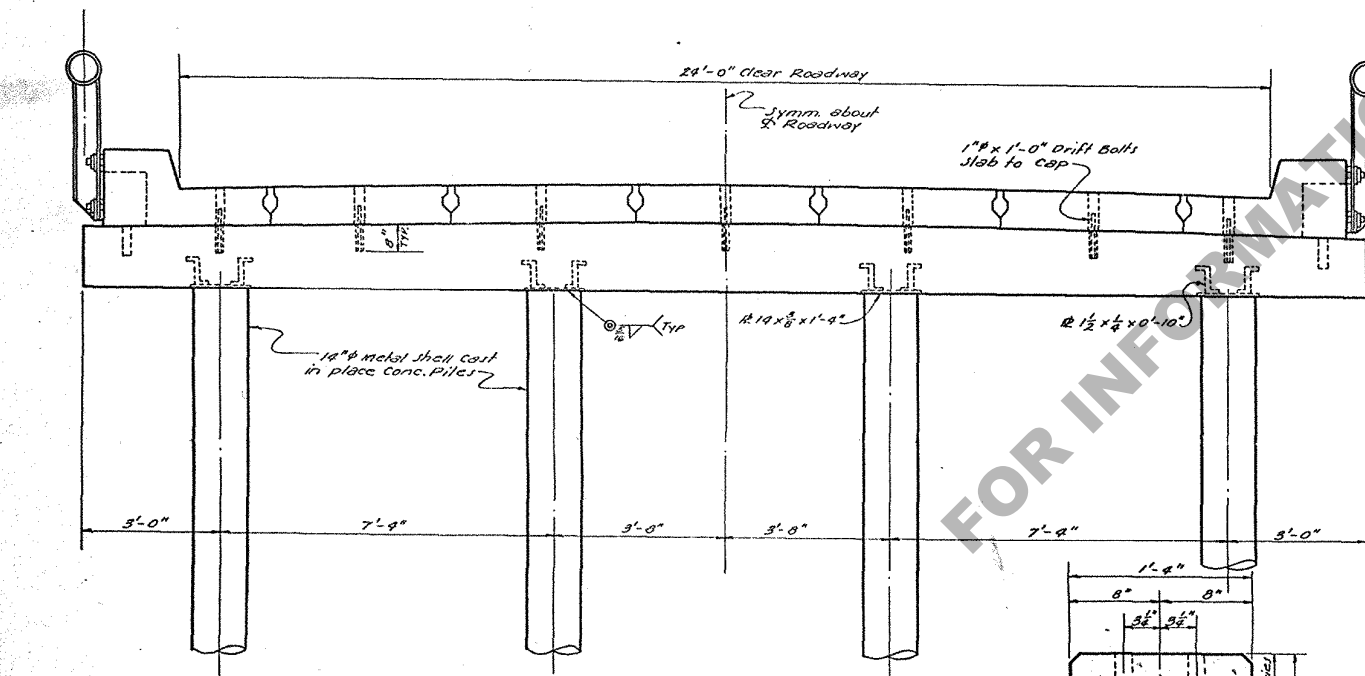


PLACING PLAN AT END BENT

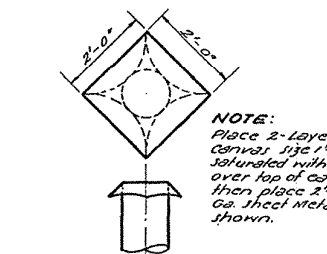


HALF ELEVATION OF PRECAST CAP

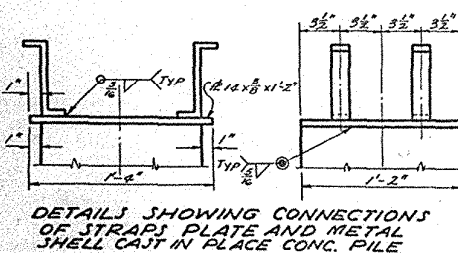
HALF ELEVATION OF PRECAST CAP (SHOWING REINFORCING BARS)



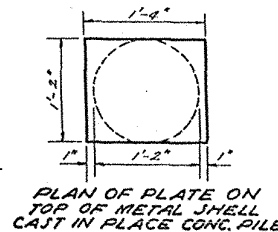
SECTION THRU ROADWAY



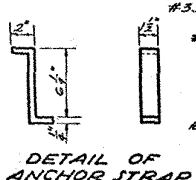
DETAIL OF SHEET METAL COVERS OVER TOPS OF TIMBER PILES



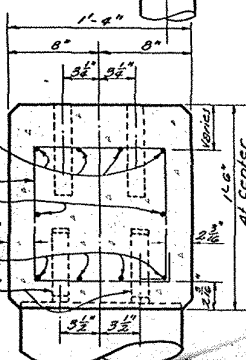
DETAILS SHOWING CONNECTIONS OF STRAPS, PLATE AND METAL SHELL CAST IN PLACE CONC. PILE



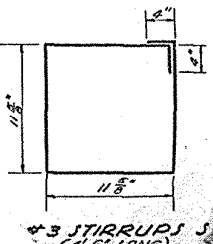
PLAN OF PLATE ON TOP OF METAL SHELL CAST IN PLACE CONC. PILE



DETAIL OF ANCHOR STRAP



SECTION



#3 STIRRUPS (4'-6\"/>

BILL OF MATERIALS FOR ONE BENT			
DESCRIPTION	Nº OF PIECES REQ'D		
	END BENT	INTER BENT	
Metal shell cast in Place Piles	4	4	
Precast Concrete Cap	1	1	
Cresceded Timber Stub Piles	2	0	
2'-0" x 2'-0" No 28 Gs Gal sheet Metal Cover	2	0	
1'-8" x 1'-8" Heavy Canvas (2 Layers)	2	0	
1" x 2'-6" Drift Bolts	2	0	

NOTE:
Cap same for End and Intermediate Bents. Chamfer all corners $\frac{3}{8}$ \"/>

BILL OF MATERIALS FOR ONE PRECAST CAP					
BAR	SIZE	Nº	LENGTH	TOT. LGTH.	LOCATION
A	#7	8	27'-8"	221'-4"	Long. Top & Bottom
TOTAL #7 BARS = 221'-4" = 452 LBS.					
B	#4	2	27'-8"	55'-4"	Long. Center
TOTAL #4 BARS = 55'-4" = 37 LBS.					
S	#3	50	4'-6"	135'-0"	Stirrups in Cap
TOTAL #3 BARS = 135'-0" = 51 LBS.					
TOTAL REINFORCING STEEL					= 540 LBS.
TOTAL CLASS "X" CONCRETE					= 1.98 CU. YDS.
FABRICATED CARBON STEEL					= 113 LBS.

AVERAGE PILE LOAD
H15-44 15.03 TONS PER PILE
H20-44 17.77 TONS PER PILE

STANDARD PLAN METAL SHELL CAST IN PLACE CONCRETE PILE BENTS WITH PRECAST CONCRETE CAPS TO BE USED WITH STD. PLAN CFS 8-15 DATED Feb. 13, 1959			
STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS			
DESIGNED	CHECKED	APPROVED	DATE

GENERAL NOTES:
CONSTRUCTION SPECIFICATIONS: Latest approved La. Dept. of Highways std. spec.
DESIGN SPECIFICATIONS: A.A.H.O., 1953 as amended to Dec. 31, 1955.
All concrete to be Class "X".
Reinforcing steel shall be Intermediate or Hard Grade A.S.T.M. A15-54T or Rail steel A.S.T.M. A16-54T, and shall conform to A.S.T.M. A505-53T.
Dimensions relating to Reinforcing steel are to bar centers.
Welding shall conform to the current "Specifications for Welded Highway and Railroad Bridges" of the American Welding Society.
"Fabricated Carbon Steel" unless noted and "Shell" cast in place Piles shall receive one shop coat of Paint surface of Piles which will be in water or ground shall receive the First Field coat of Paint.
Exposed steel surfaces shall receive the First, Second and Third Field coat of Paint. Steel shall be spot painted after welding before applying First Field coat.
Details show as for 14\"/>