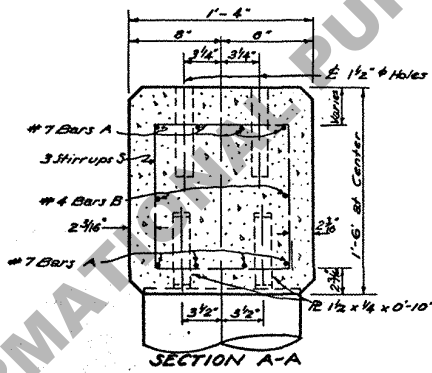
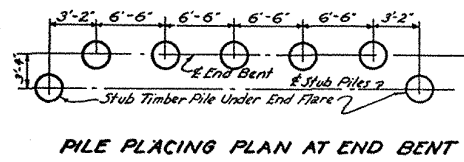
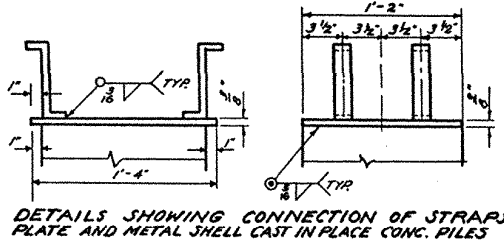
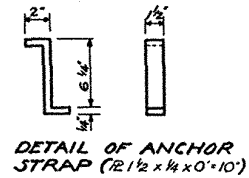
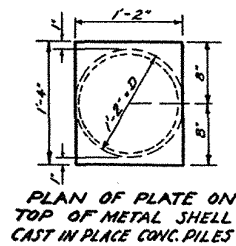
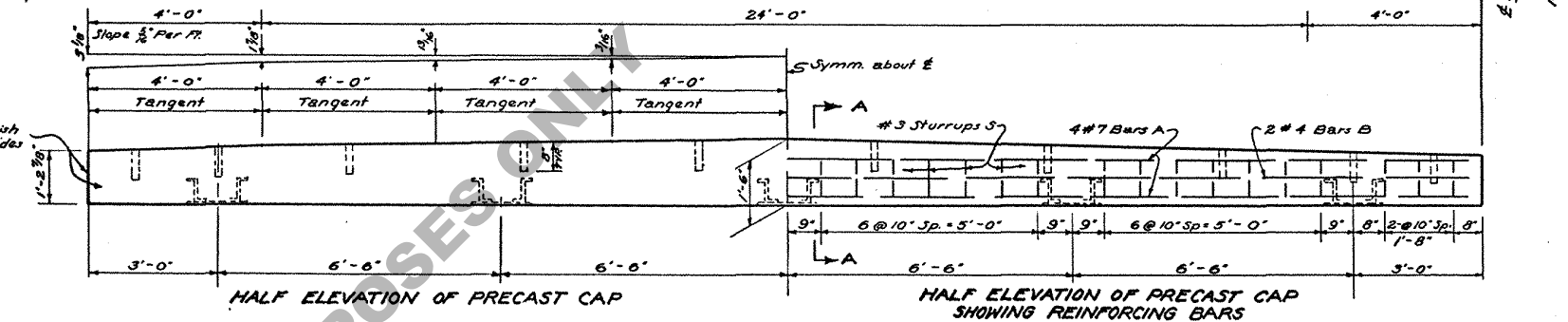
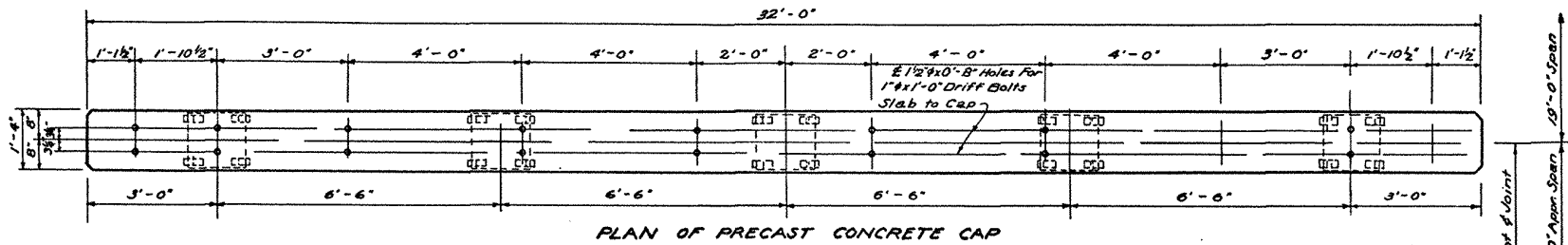
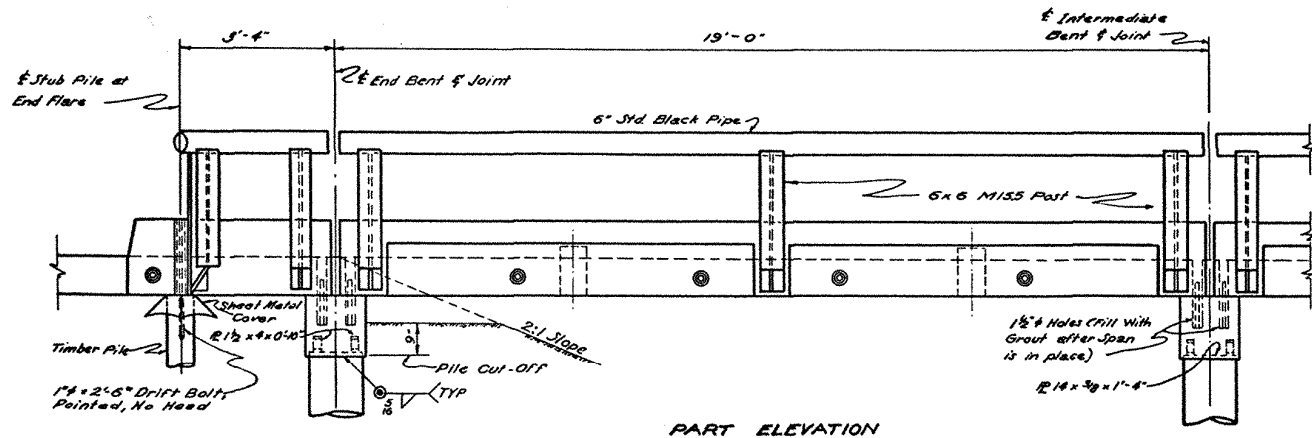




BILL OF MATERIALS FOR ONE PRECAST CAP					
BAR	SIZE	NO.	LENGTH	TOT. LENGTH	LOCATION
A	#7	8	31'-8"	253'-4"	Long Top & Bottom
TOTAL #7 Bars = 253'-4" = 518 LBS.					
B	#4	2	31'-8"	63'-4"	Long (Center)
TOTAL #4 Bars = 63'-4" = 42 LBS.					
S	#3	34	4'-6"	153'-0"	Stirrups in Cap
TOTAL #3 Bars = 153'-0" = 58 LBS.					
TOTAL REINFORCING STEEL = 618 LBS.					
TOTAL CLASS X CONCRETE = 2.22 CU.YDS.					
TOTAL FABRICATED CARBON STEEL = 141 LBS.					

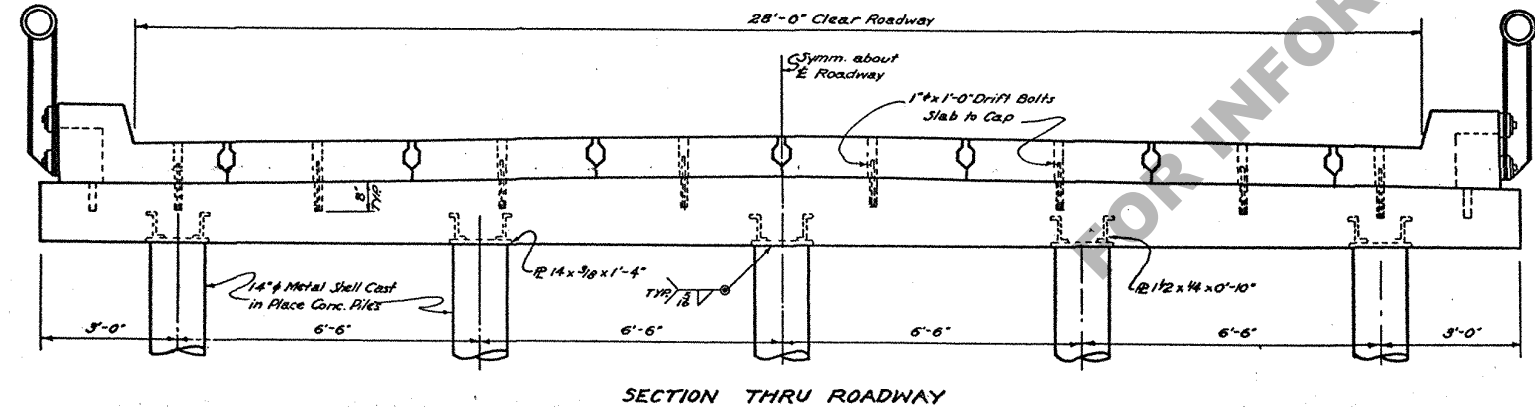
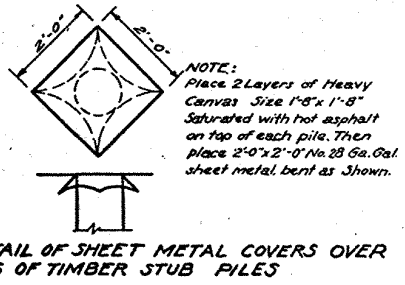
BILL OF MATERIALS FOR ONE BENT		
DESCRIPTION	NO. OF PIECES REQUIRED	
	END BENT	INTER. BENT
Precast Conc. Cap	1	1
14" Metal Shell Cast in Place Piles	5	5
Crossed Timber Stub Piles	2	0
2'-0" x 2'-0" No. 28 Gs. Gal. Sheet Metal Covers	2	0
1'-8" x 1'-8" Heavy Canvas (2 Layers)	2	0
1 1/2" x 2'-6" Drift Bolts (Hardware)	2	0

NOTE:
Cap same for End and Intermediate Bents - Chamfer all Corners 3/4"

NOTE:
No Direct Payment will be made for Welds. Cost to be included in price bid on other items.

Ave. Pile Loads
H15-44 = 13.51 Tons
H20-44 = 15.97 Tons.

GENERAL NOTES:
Const. Specs. Latest Approved L.A. Dept. of Highways Std. Specs.
Design Specs. A.A. SHQ, 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.
A13-54 or Rail Steel A.S.T.M. A16-54; and shall conform to
A.S.T.M. A305-53.
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 of 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 shown are for 14\"/>



STANDARD PLAN CAST IN PLACE CONCRETE PILE BENTS WITH PRECAST CONCRETE CAPS TO BE USED WITH STD. PLAN CFS 17-20			
DATED: Feb. 12, 1958			
STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS			
DESIGNED	DETAILED	CHECKED	TRACED
DATE	DATE	DATE	DATE
DESCRIPTION	BY	BY	BY
REVISIONS			