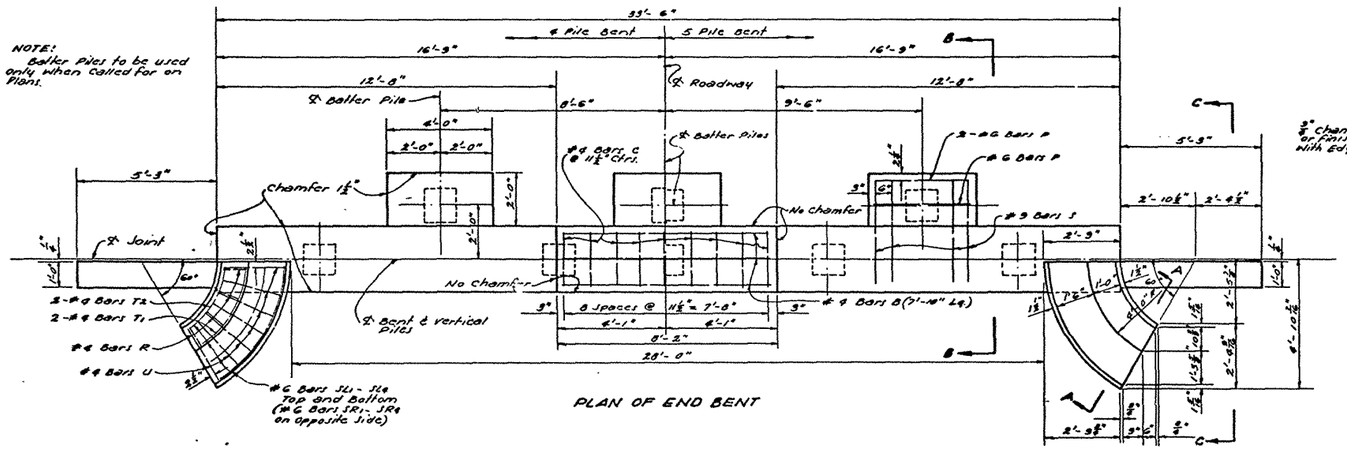
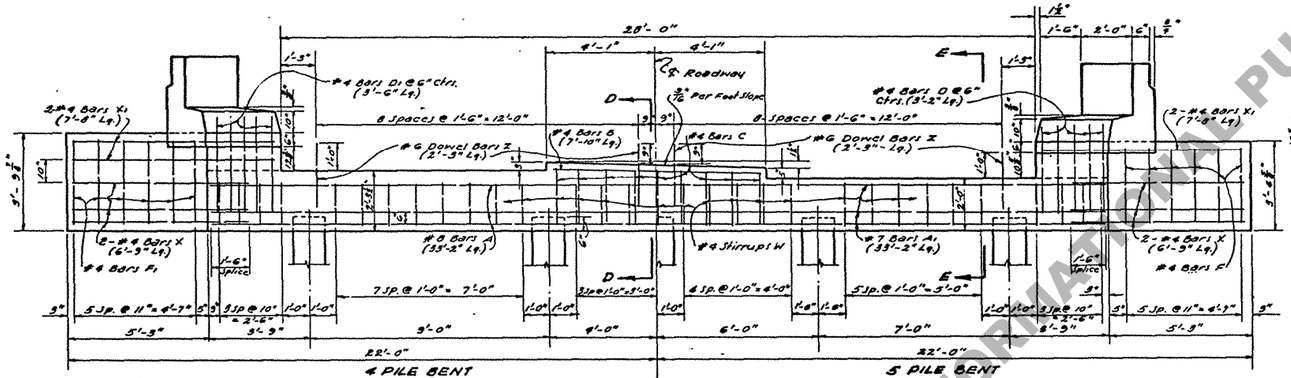
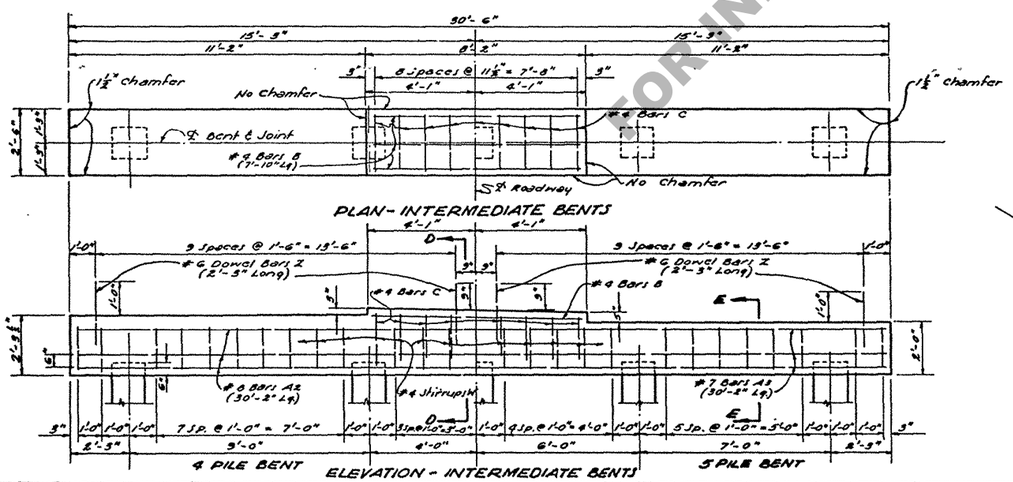
STATE PROJECT	PARISH	SHEET NO.

NOTE: Batter Piles to be used only when called for on Plans.

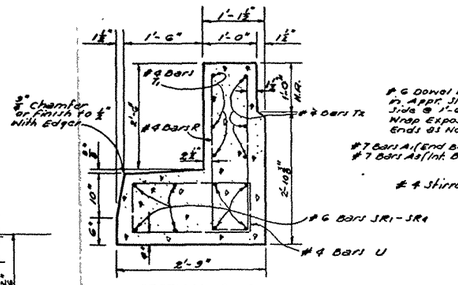


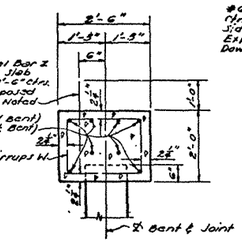


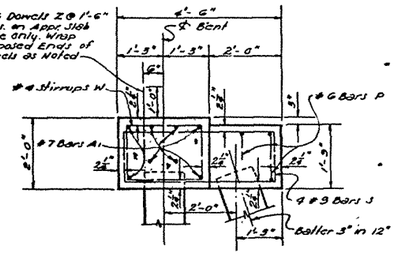
ELEVATION OF END BENT

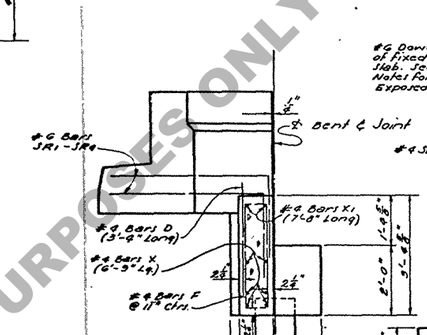


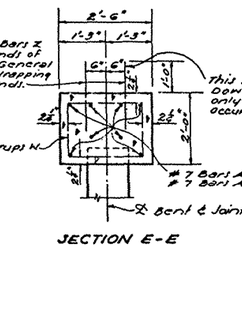
ELEVATION - INTERMEDIATE BENTS

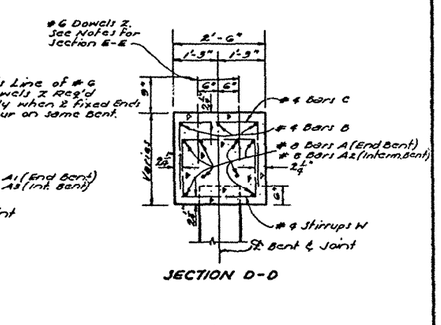












QUANTITIES & PILE LOADS			
ITEM / TYPE	CLASS "A" * CONCRETE (CU. YDS.)	DEF. REINF. STEEL (LBS.)	AVE. PILE LOAD (TONS)
# 4 PILE END BENT			
1	10.33	1464	30.8
2	11.36	1861	30.8
3	11.79	2029	30.8
# 5 PILE END BENT			
1	10.36	1293	24.7
2	11.32	1670	24.7
3	11.82	1838	24.7
INTERMEDIATE BENT			
4 PILE	6.18	311 #	30.8
5 PILE	6.19	735 #	24.7

TYPE OF END BENT REQUIRED			
END BENT	GROUND TO GRADE (FT.)	SUBSOIL	BATTERED PILES
TYPE 1	0-8	POOR	0
	0-8	GOOD	
TYPE 2	8-16	POOR	2
	8-16	GOOD	
TYPE 3	16+	POOR	3
	16+	GOOD	

* Quantities for 4 Pile Bent Computed on Basis of 16"ø Concrete Piles, for 5 Pile Bent on Basis of 14"ø Conc. Piles.
# To provide for Future Extension of Bridge, End Bents are designed for same Load as Intermediate Bents.
● Add 88# of Reinf. Steel (2#6 Dowels Z) When two Fixed Ends occur on one Intermediate Bent.

GENERAL NOTES:
CONSTRUCTION SPECIFICATIONS: Latest approved La. Dept. of Highways Std. Specifications.
DESIGN SPECIFICATIONS: A.A.S.H.O. Std. Specs. for Hwy. Bridges 1953 as Amended to Dec. 31, 1955.
LIVE LOAD: H20-S16-44 (Modified).
Reinforcement Bars shall be Intermediate or Hard Grade, A.S.T.M. A15 or Rail Steel A.S.T.M. A16 Conforming with A.S.T.M. A305.
Dimensions Relating to Reinforcing Steel are to Bar Centers.
All Concrete to be Class "A".
All Exposed End of #6 Dowels "Z" to be Wrapped with 2 Layers of 15# Tar Paper. Cloth Filling Tubes made of Compressible material not less than ½" thick may be Substituted.
All Exposed Corners to be Chamfered ¾" Unless Otherwise Noted.
Concrete and Steel used in Curb, Sidewalk and Handrail Flare are included in End Bent Cap Quantities and are to be Paid for as Part of Bent.
Tar Paper Wrappings to be Included in Price Bid for Class "A" Conc.

BRIDGES OVER 150 FT.

Maximum Pile Loads unless Otherwise Instructed by Br. Design Sec.
16"ø R.C. Piles = 28 Tons Per Pile
16"ø R.C. Piles = 32 Tons Per Pile

DESIGN TAKEN FROM STD. PLAN 1-BGFS15C-90-28T DATED MAY 29, 1957

DATE	REVISIONS	BY
10-24-58	PLANS, QUANTITIES, PILE LOADS	C.P.H.

STANDARD PLAN
PRECAST CONCRETE PILE BENTS
FOR 20' CONCRETE SLAB SPANS
LIVE LOAD H20-S16-44 MODIFIED
28'-0" ROADWAY 1'-6" SIDEWALKS
2-LANE RDWY.

DATED June 29 1957

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED	DETAILED	TRACED E. Chalingen
CHECKED	CHECKED	CHECKED

BRIDGE DESIGN SECTION

1-BGFS15C-90-28T