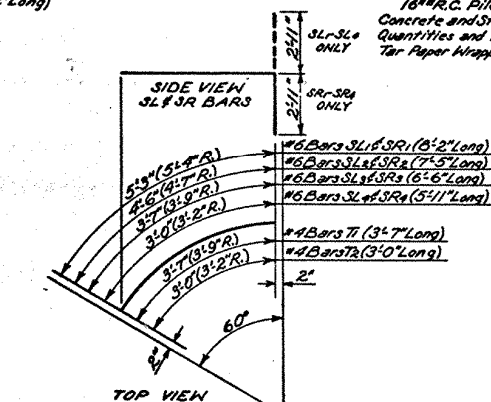
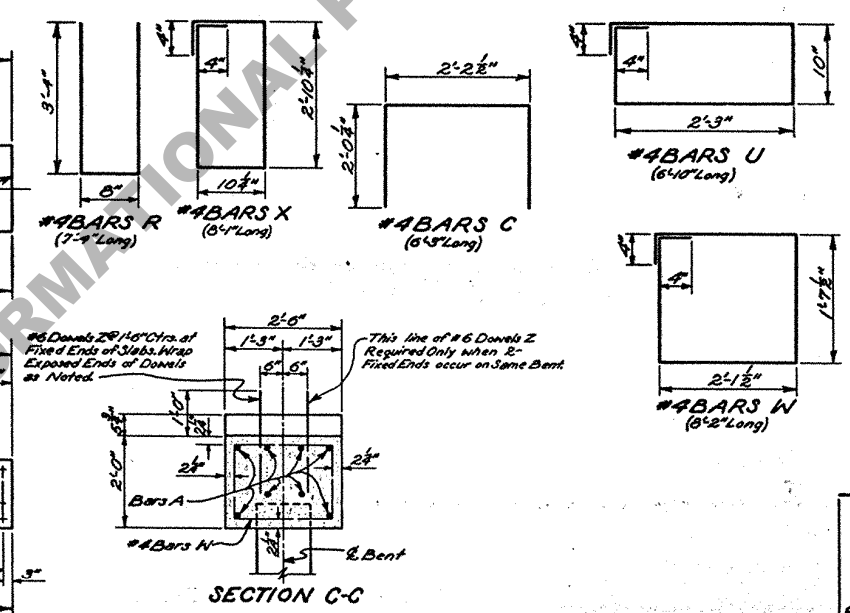
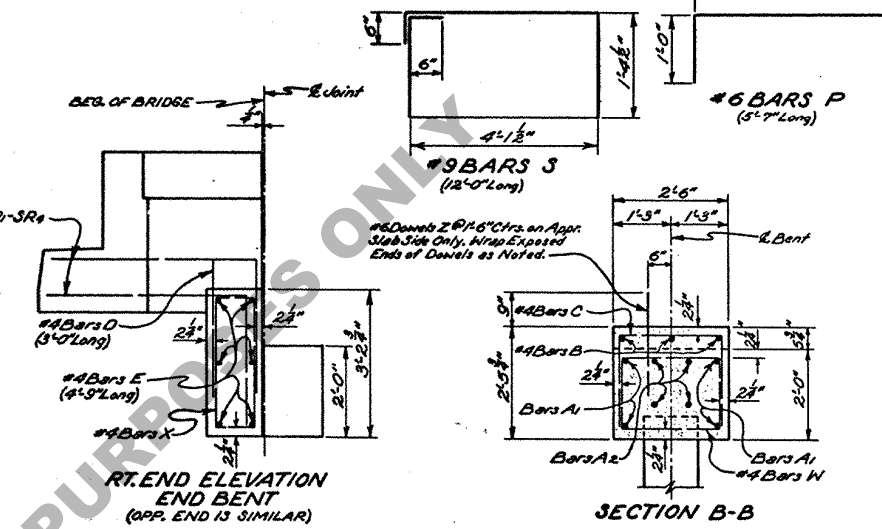
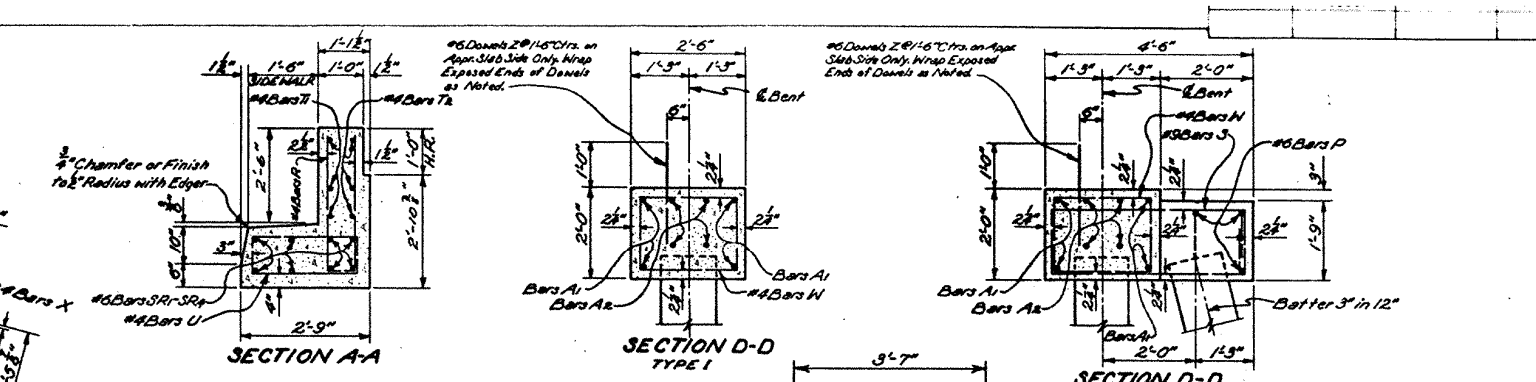
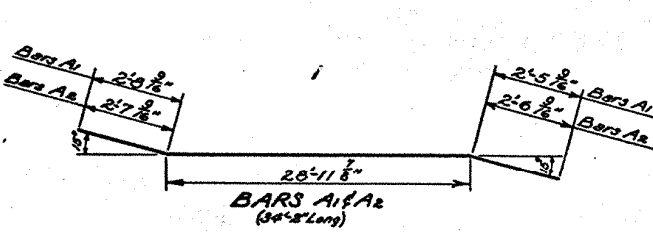
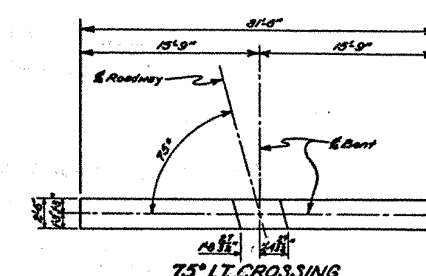
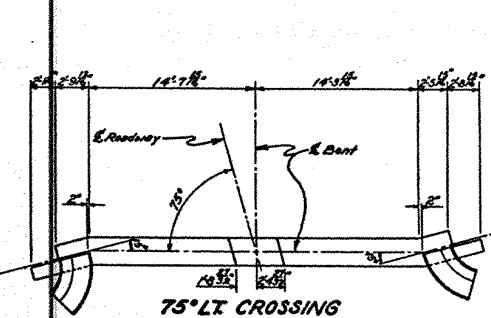
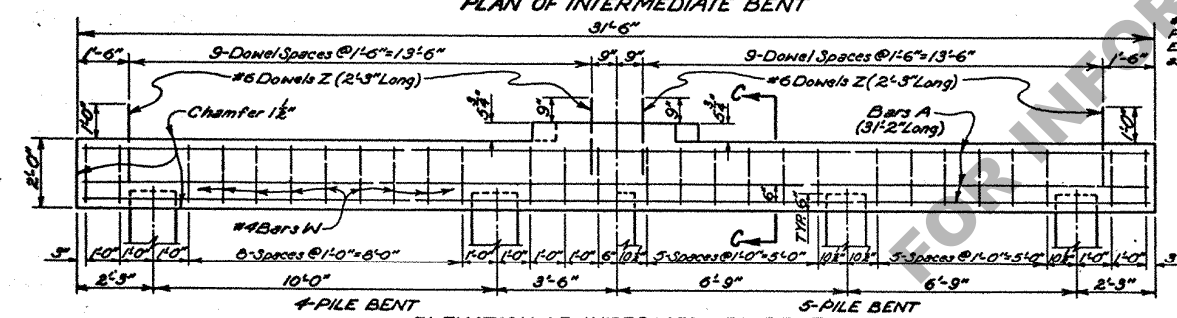
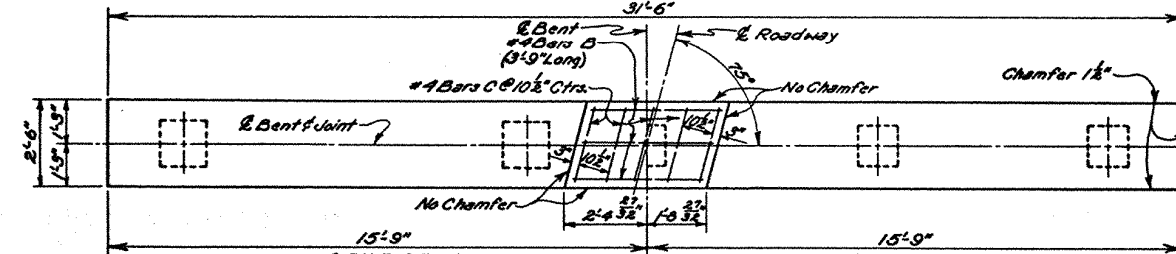
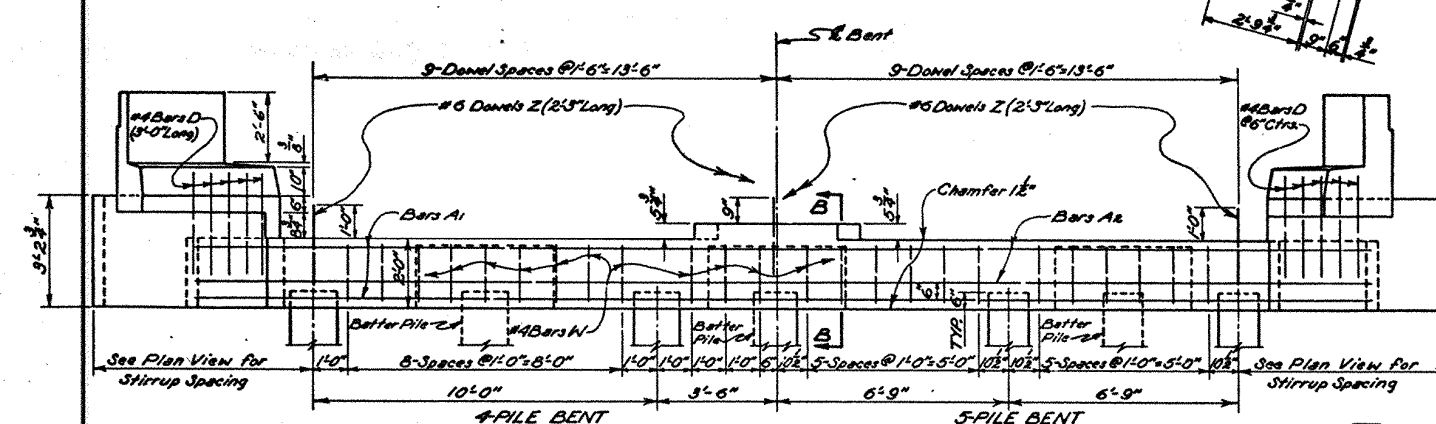
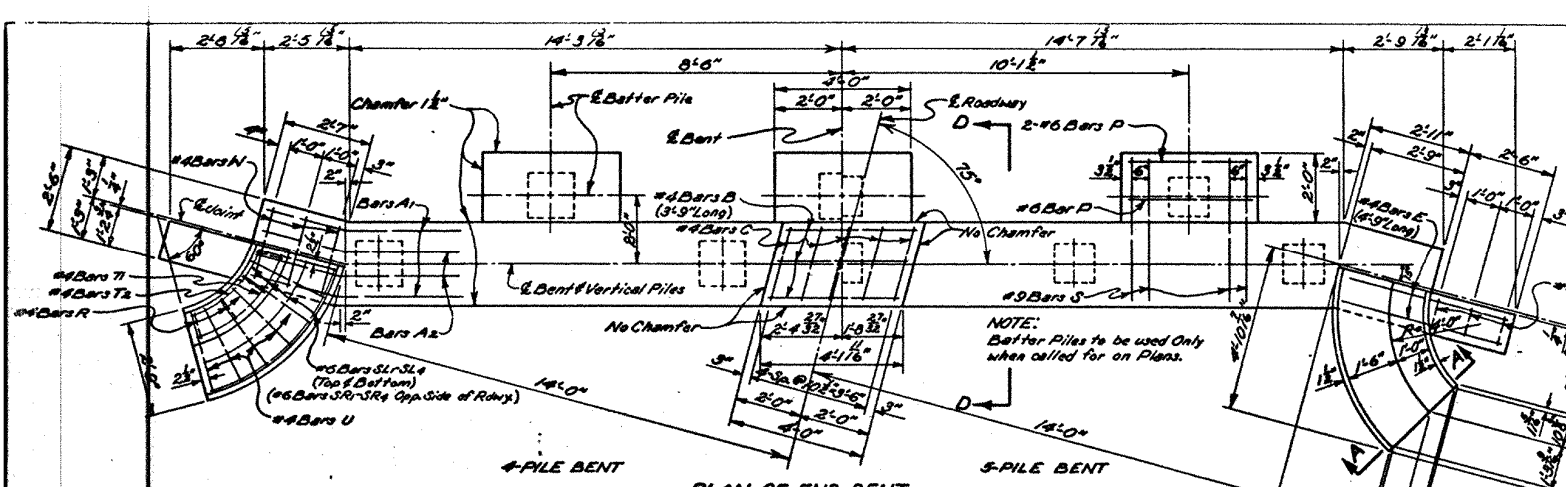




TYPE OF END BENT REQUIRED			
END BENT	GROUND TO GRADE (FEET)	SUBSOIL	BATTERED PILES
TYPE 1	0-5	POOR	0
TYPE 2	5-10	POOR	2
TYPE 3	10+	POOR	3

QUANTITIES AND PILE LOADS				
ITEM	SIZE OF BARS	CLASS "A" (CU. YDS.)	DEFORMED REIN. STEEL (LBS.)	AVERAGE PILE LOAD (TONS)
4-PILE END BENT #				
TYPE 1	#9	9.27	1573	28.8
TYPE 2	#9	10.26	1949	28.8
TYPE 3	#9	10.72	2138	28.8
5-PILE END BENT #				
TYPE 1	#7	9.27	1203	23.1
TYPE 2	#7	10.26	1579	23.1
TYPE 3	#7	10.75	1768	23.1
INTERMEDIATE BENTS				
4-PILE	#9	5.88	1097	28.8
5-PILE	#7	5.89	759	23.1

GENERAL NOTES:
 Construction Specifications, Latest approved L.S. Dept. of Highways Standard Specifications, Design Specifications A.S.H.O. 1953 as amended to Dec. 31, 1955.
 Live Load: H20-S16-44.
 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".
 Exposed Corners to have 3" Chamfer unless otherwise noted.
 All Exposed Ends of #6 Dowels Z to be wrapped with 2-layers of 15# Tar Paper. Close fitting tubes made of compressible material not less than 1/8" thick may be substituted.
 For Details of Concrete Piles see Standard Plan as shown on General Plan.
 Maximum Pile Load unless otherwise instructed by Bridge Design Section:
 18" R.C. Piles = 28 Tons Per Pile.
 16" R.C. Piles = 32 Tons Per Pile.
 Concrete and Steel in Sidewalk Curb Flare and Handrail Flare are included in 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" Concrete.

DESIGN TAKEN FROM
 STD. PLAN BCF515A-75-28P
 DATED JAN. 30, 1959

STANDARD PLAN PRECAST CONCRETE PILE BENTS FOR 20'-0" CONCRETE SLAB SPANS LIVE LOAD: H20-S16-44 28'-0" ROADWAY 1'-6" SIDEWALKS DATED August 28, 1959		
STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS		
DESIGNED	DETAILS	TRACED
CHECKED	CHECKED	CHECKED
BRIDGE DESIGN SECTION		