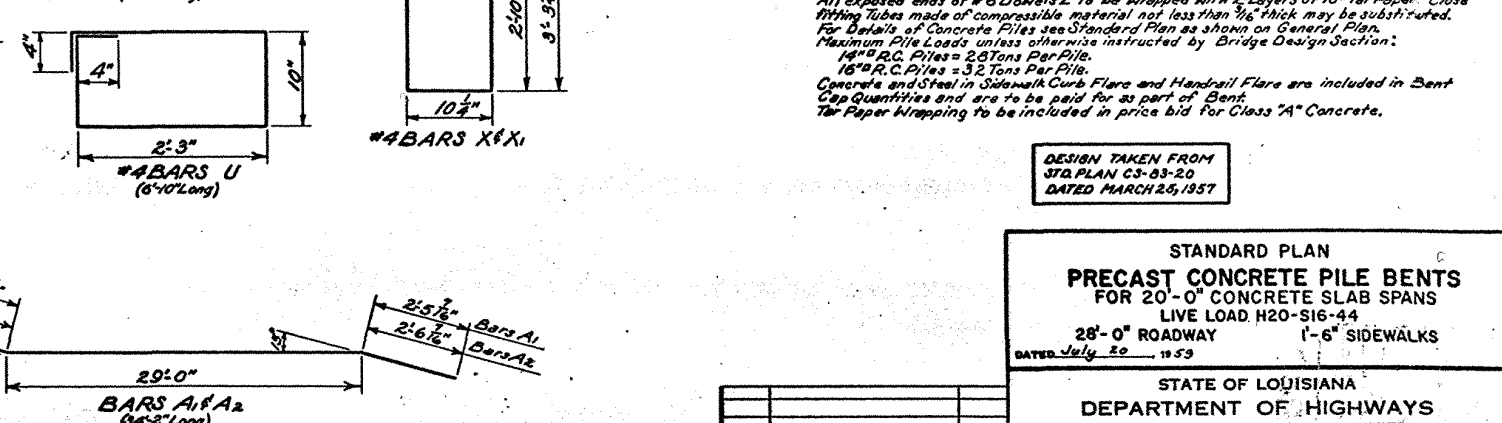
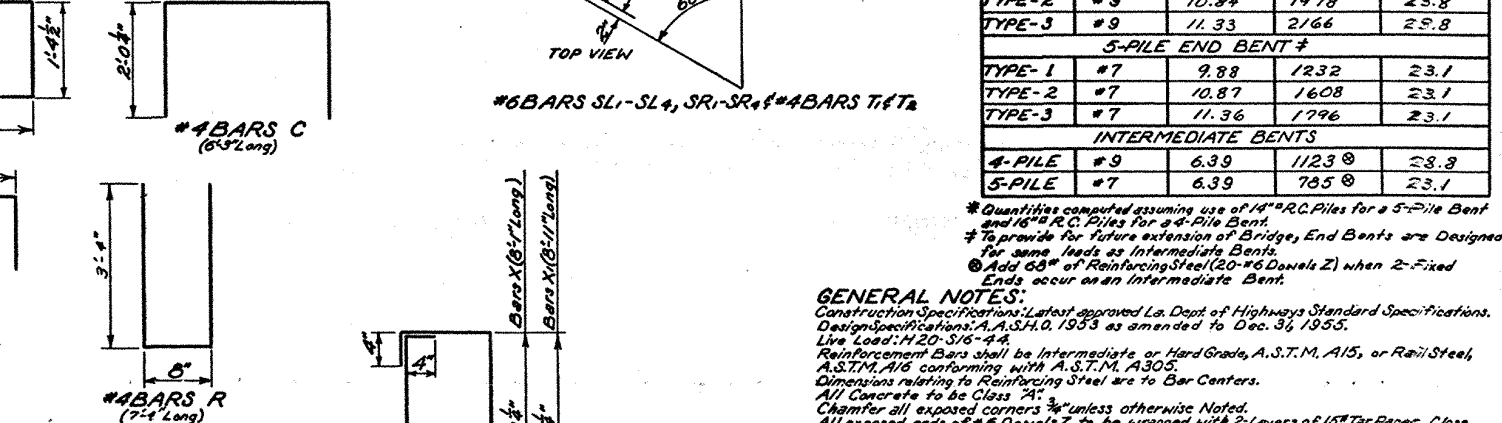
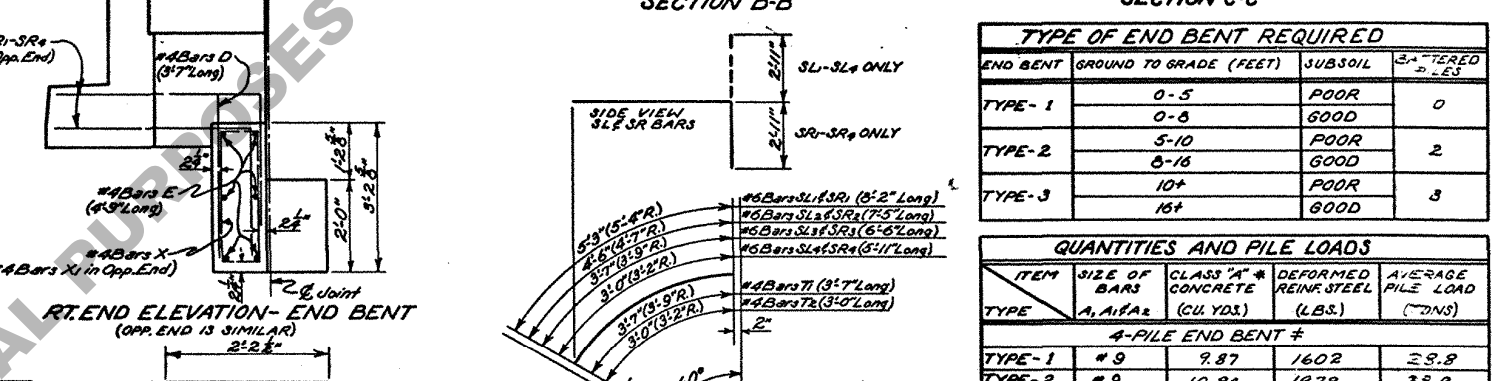
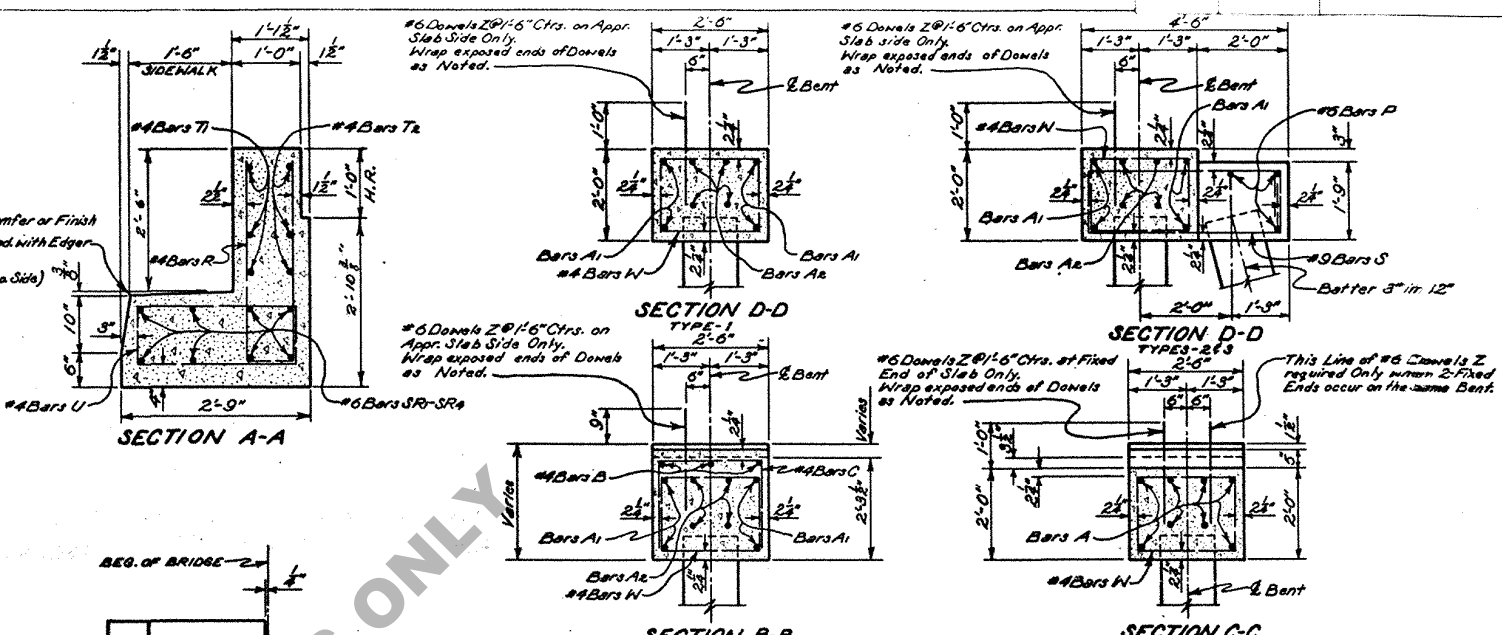
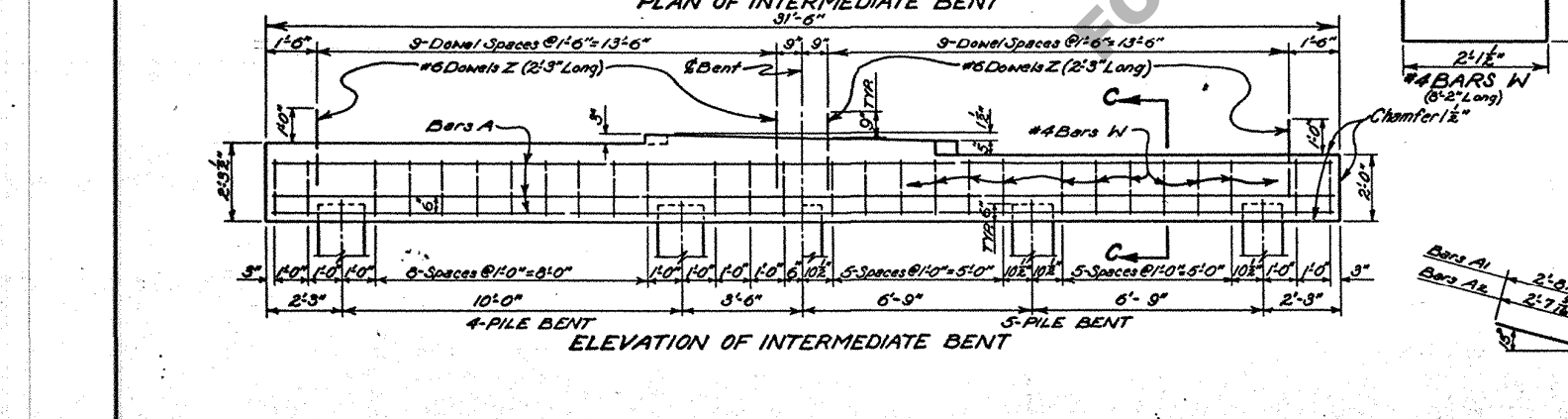
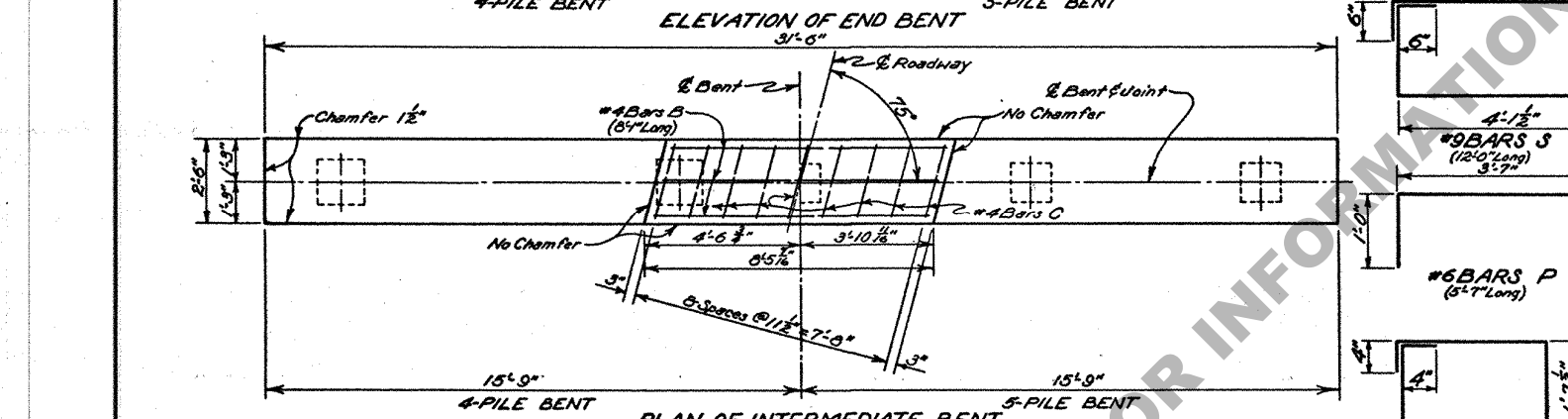
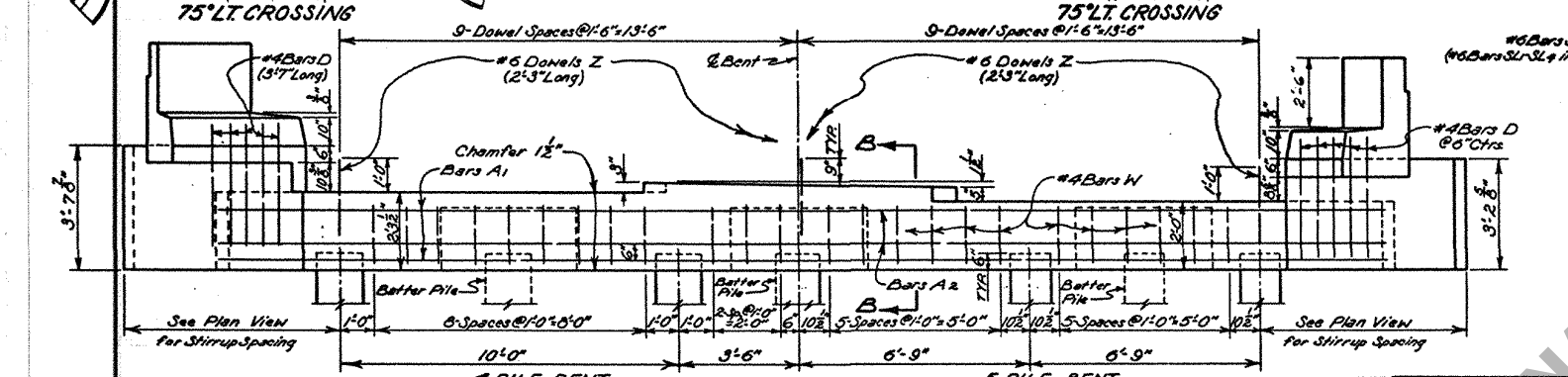
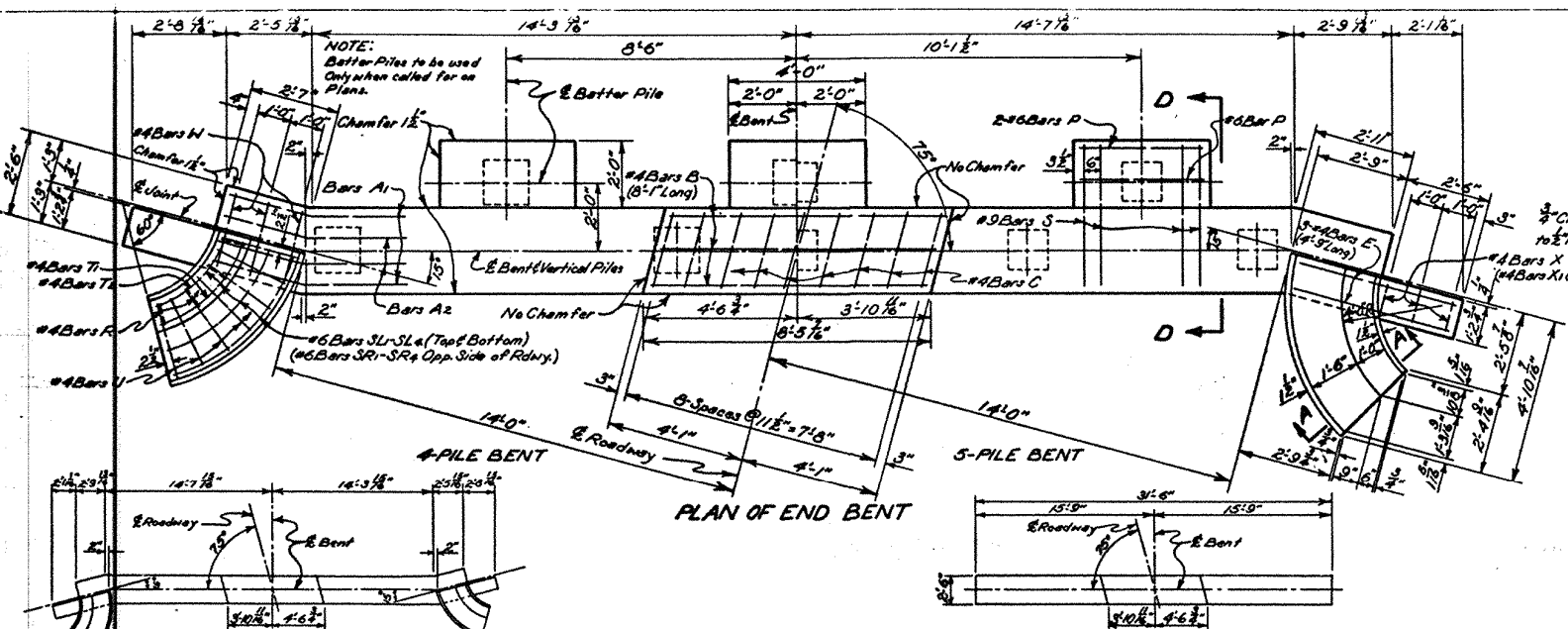




TYPE OF END BENT REQUIRED			
END BENT	GROUND TO GRADE (FEET)	SUBSOIL	3" TYPED PILES
TYPE-1	0-5	POOR	0
	5-10	GOOD	0
TYPE-2	0-5	POOR	2
	5-10	GOOD	2
TYPE-3	0-5	POOR	3
	5-10	GOOD	3

QUANTITIES AND PILE LOADS			
ITEM	SIZE OF BARS	CLASS "A" CONCRETE REINFORCING STEEL (LBS.)	AVERAGE PILE LOAD (TNS)
4-PILE END BENT #			
TYPE-1	#9	9.87	1602
TYPE-2	#9	10.84	1978
TYPE-3	#9	11.33	2166
5-PILE END BENT #			
TYPE-1	#7	9.88	1232
TYPE-2	#7	10.87	1608
TYPE-3	#7	11.36	1796

INTERMEDIATE BENTS			
4-PILE	#9	6.39	1123
5-PILE	#7	6.39	785

GENERAL NOTES:

Construction Specifications: Latest approved La. Dept. of Highways Standard Specifications. Design Specifications: A.S.H.T.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".

Chamfer all exposed corners 1/2" unless otherwise noted.

Chamfer 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 3/8" thick may be substituted.

For Details of Concrete Piles see Standard Plan as shown on General Plan.

Maximum Pile Loads unless otherwise instructed by Bridge Design Section:

14" R.C. Piles = 28 Tons Per Pile.

16" R.C. Piles = 32 Tons Per Pile.

Concrete and Steel in Sidewalk Curbs and Handrail Flare are included in Bent Cap Quantities and are to be paid for as part of Bent.

Tar Paper Wrapping to be included in price bid for Class "A" Concrete.

DESIGN TAKEN FROM
STD. PLAN C3-83-20
DATED MARCH 26, 1957

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

BCFS15A-75-28T