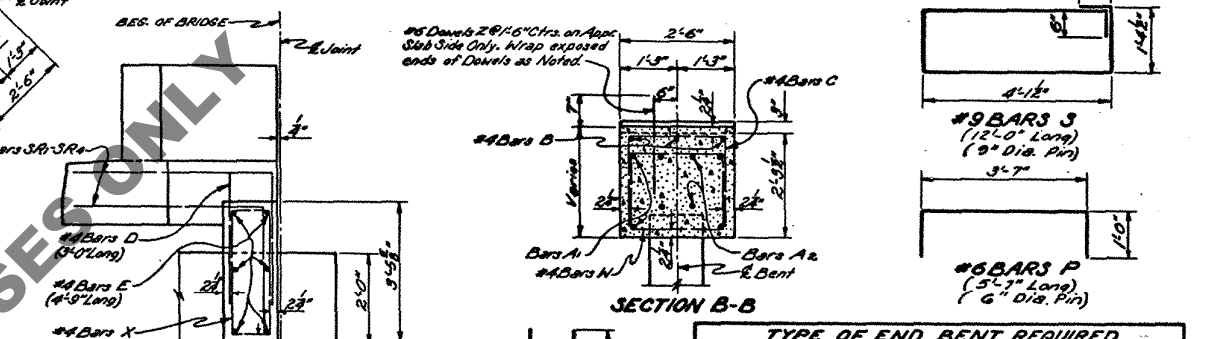
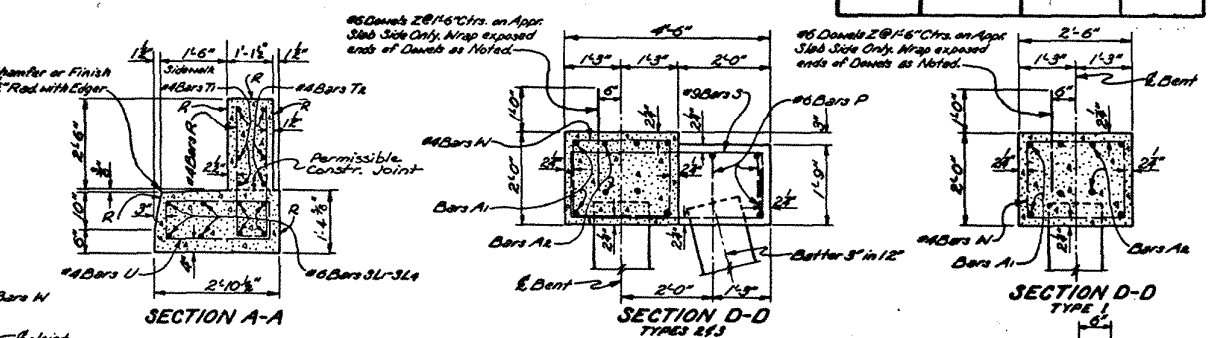
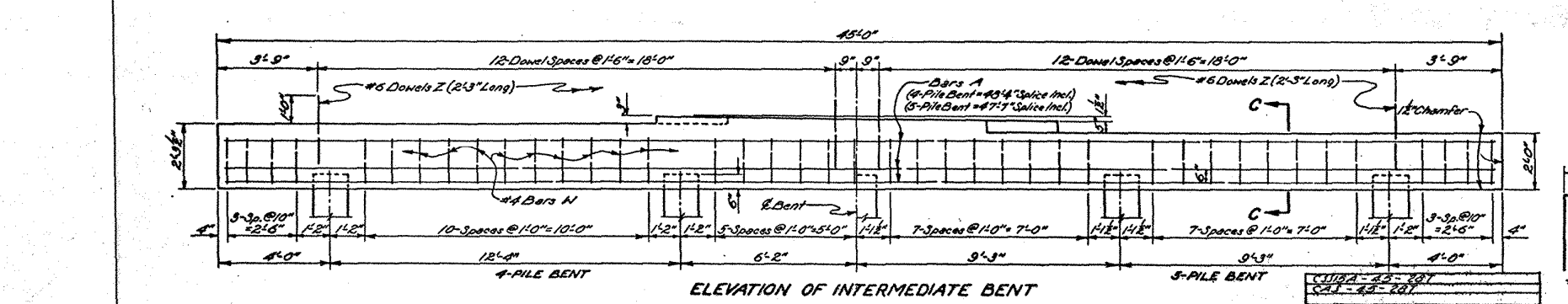
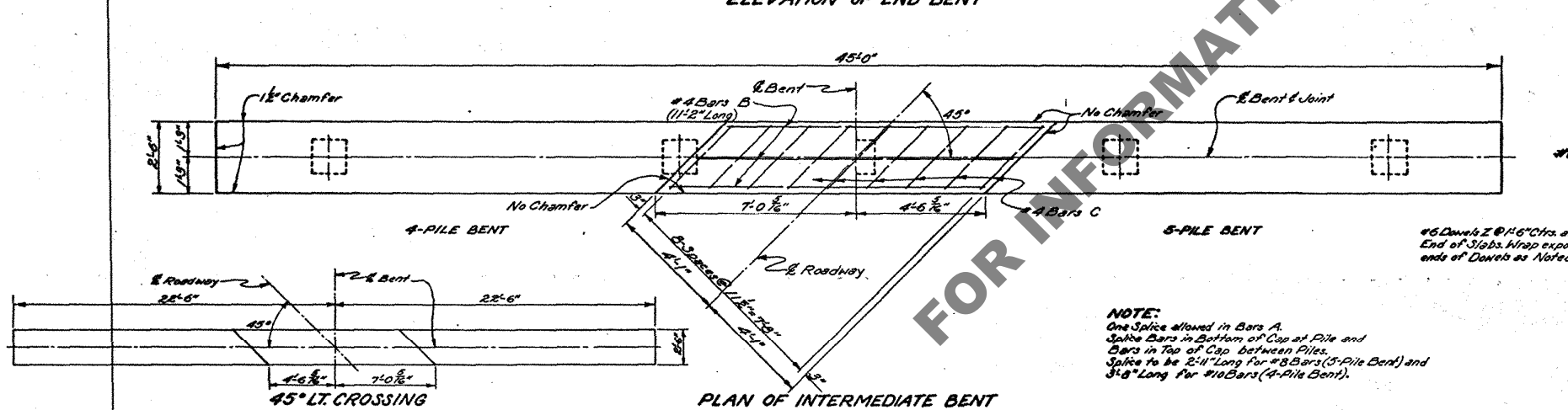
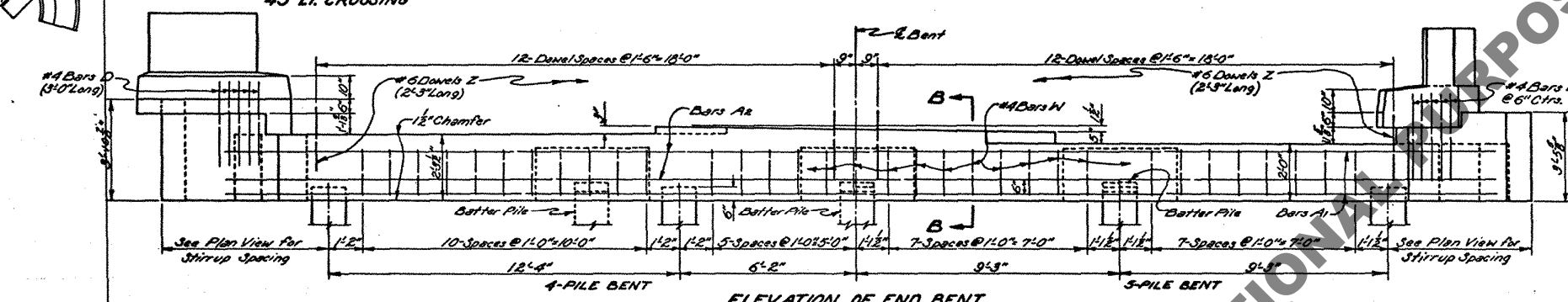
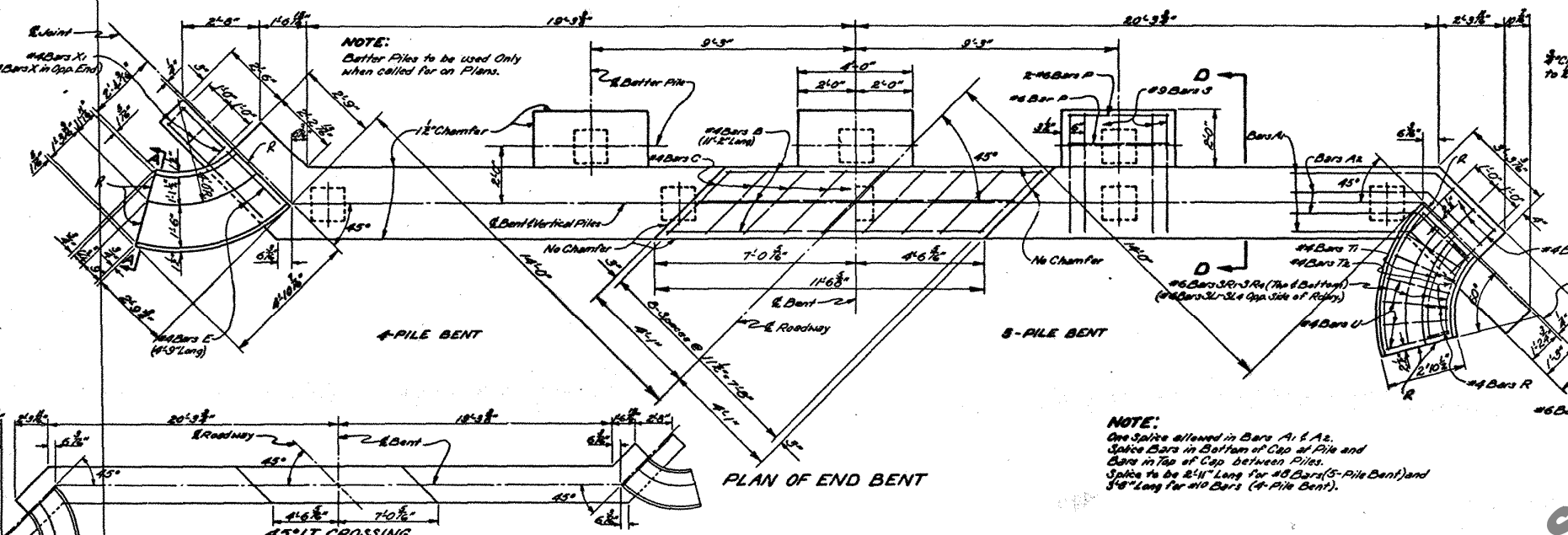




TYPE OF END BENT REQUIRED

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

QUANTITIES AND PILE LOADS

ITEM	SIZE OF BARS	CLASS "A" DEFORMED CONCRETE (CU YDS)	AVERAGE REIN. STEEL (LBS)	AVERAGE PILE LOAD (TONS)
4-PILE END BENT #	#10	12.22	2421	51.8
	#8	13.21	2708	51.8
	#10	13.70	2886	51.8
5-PILE END BENT #	#10	12.20	1767	25.4
	#8	13.19	2144	25.4
	#8	13.68	2332	25.4
INTERMEDIATE BENTS	#10	9.20	2040	25.4
	#8	9.17	1888	25.4

GENERAL NOTES:
 Construction Specifications: Latest approved La. Dept. of Highways Standard Specifications, Design Specifications, A.A.S.H.O. Std. Spec. for Hwy. Bridges, 1961, as Amended to Sept. 1961.
 Live Load: H20-S16-44 (100K/16'0")
 Reinforcement Bars shall be Intermediate or Hard Grade, ASTM A15, or Rail Steel, ASTM A16 conforming with ASTM A305.
 Dimensions relating to Reinforcing Steel are to Bar Centers.
 All concrete to be Class "A".
 Chamfer all exposed corners 3" 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 1/4" thick may be substituted.
 For Details of Concrete Piles see Standard Plan as shown on General Plan.
 Concrete and Rebar in Sidewall, Curb, Fridge and Handrail Plans are included in Bent Cap Quantities and are to be paid for as part of the Bent.
 Tar Paper Wrapping to be included in Price Bid for Class "A" Concrete.
 Rebar Details: Class 2 Rubbed Finish not otherwise shown.
 On End Bents All Exposed Vertical Surfaces and Chamfers on Cap to have Class 2 Rubbed Finish. All Exposed Surfaces on Handrail, Beyond the Limit of the Edge of Bridge Slab to have a Class 2 Rubbed Finish. On Intermediate Bents, All Vertical Surfaces and Chamfers above the Low Water or Ground Line to have a Class 2 Rubbed Finish.

BENTS

STANDARD PLAN

PRECAST CONCRETE PILE BENTS
 FOR 20'-0" CONCRETE SLAB SPANS
 LIVE LOAD: H20-S16-44 MODIFIED
 28'-0" ROADWAY
 1'-6" SIDEWALKS

DATE: AUG. 10, 1962

STATE OF LOUISIANA
 DEPARTMENT OF HIGHWAYS

DESIGNED	BY	DATE
CHECKED	BY	DATE
TRACED	BY	DATE

BRIDGE DESIGN SECTION