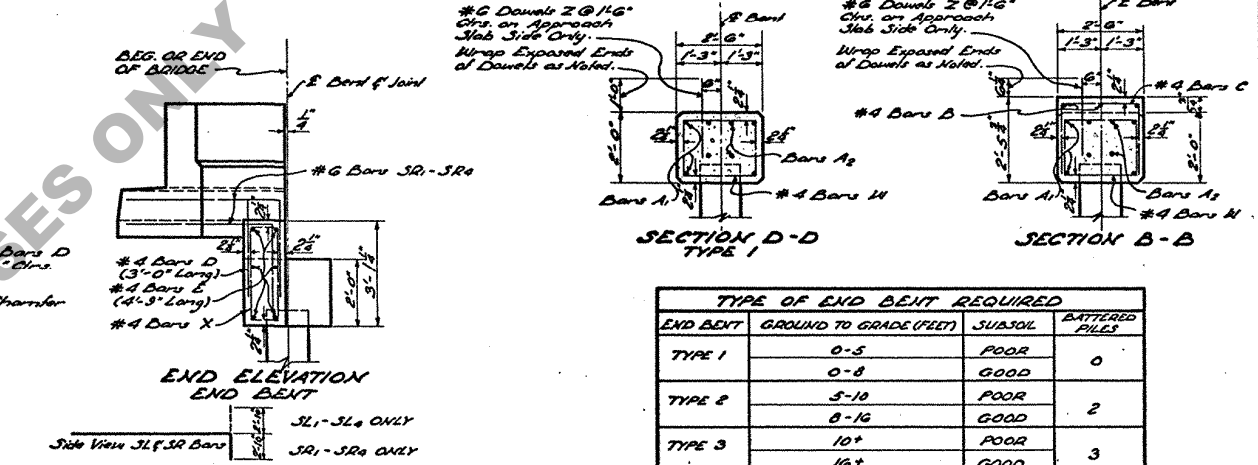
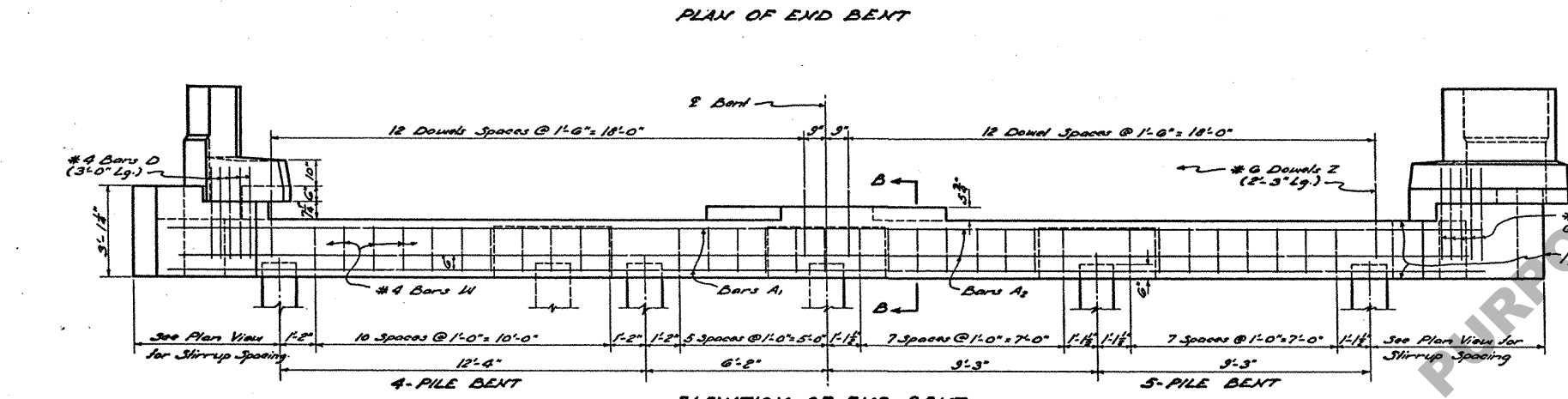
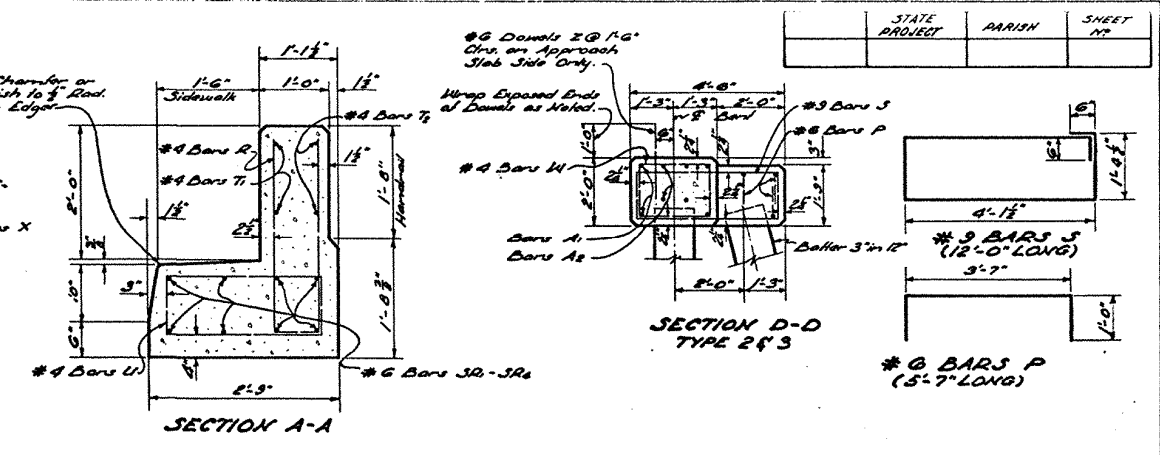
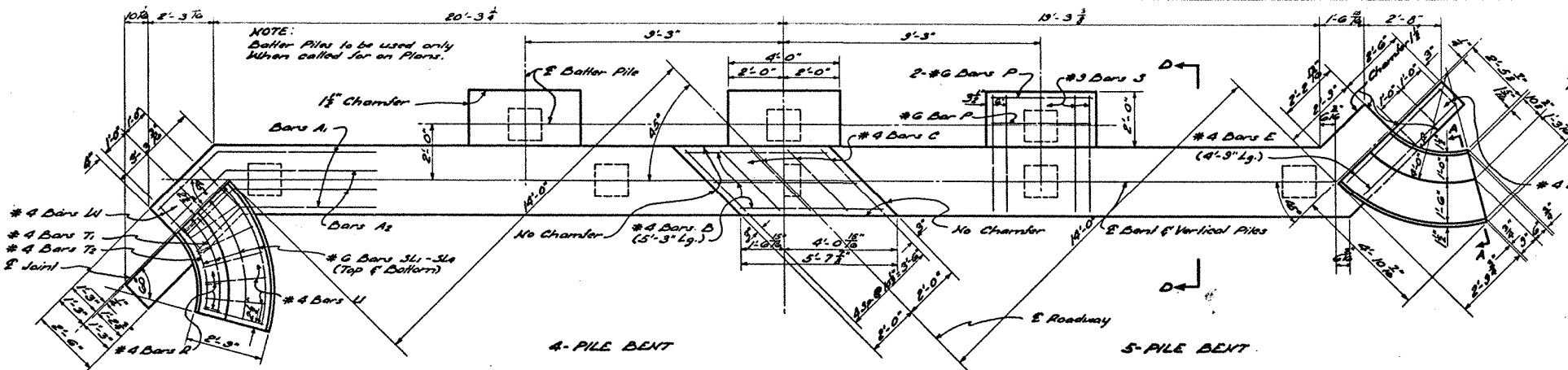
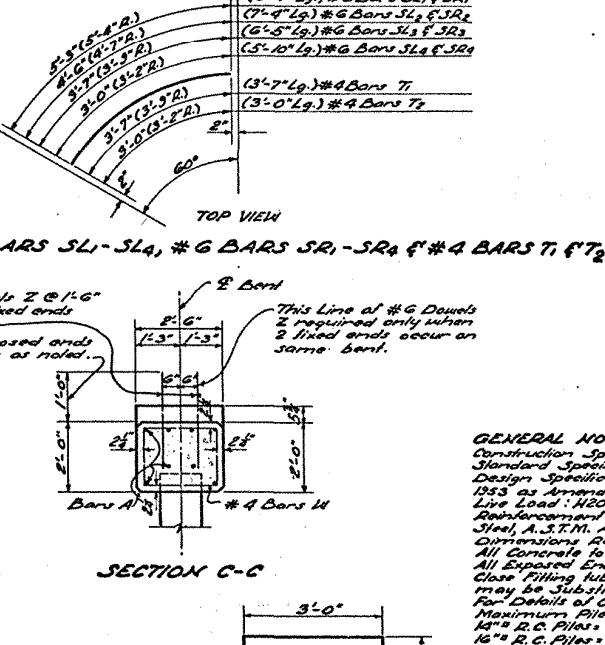
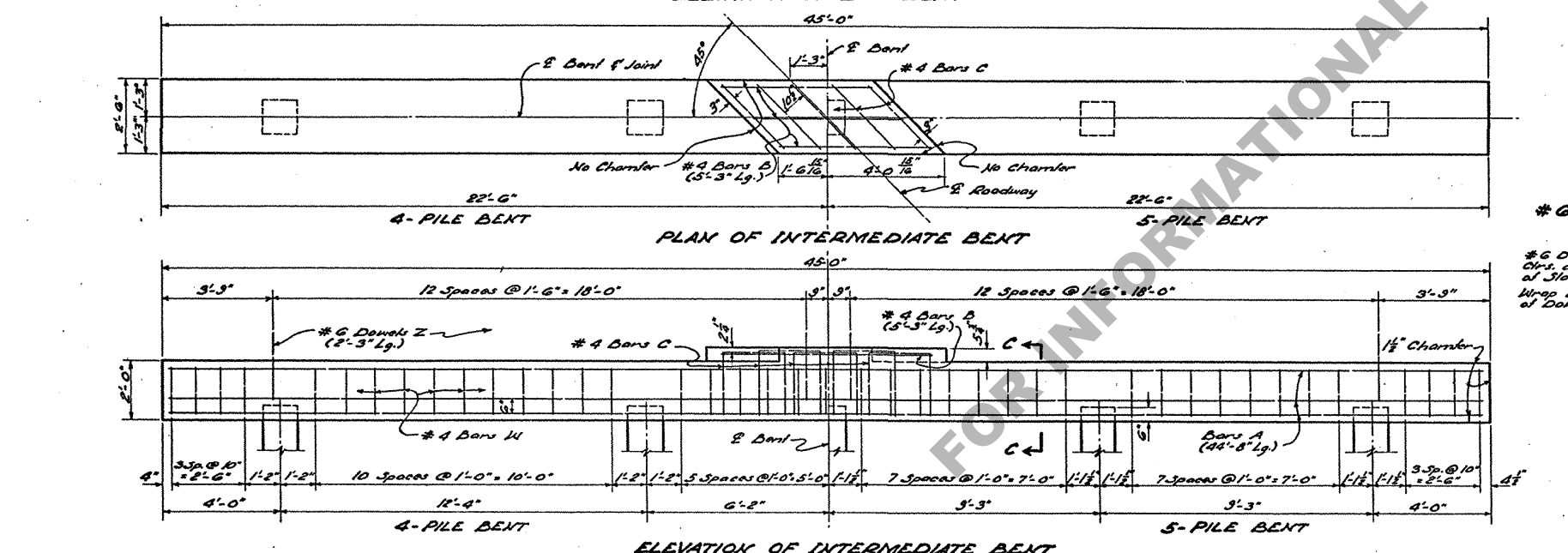




TYPE OF END BENT REQUIRED			
END BENT	GROUND TO GRADE (FEET)	SUBSOIL	BATTERED PILES
TYPE 1	0-5	POOR	0
	0-8	GOOD	
TYPE 2	5-10	POOR	2
	8-16	GOOD	
TYPE 3	10+	POOR	3
	16+	GOOD	

QUANTITIES AND PILE LOADS				
ITEM	SIZE OF BARS	CLASS "A" PILE LOADS (CU. YDS.)	DEFORMED REBAR STEEL (LBS.)	AVERAGE PILE LOAD (TONS)
4-PILE END BENT #				
TYPE 1	#3	11.03	1923	28.4
TYPE 2	#3	12.08	2233	28.4
TYPE 3	#3	12.57	2488	28.4
5-PILE END BENT #				
TYPE 1	#7	11.07	1933	22.7
TYPE 2	#7	12.06	1809	22.7
TYPE 3	#7	12.55	1998	22.7
INTERMEDIATE BENT				
4 PILE	#3	0.48	1561	28.4
5 PILE	#7	0.46	1070	22.7



GENERAL NOTES:

Construction Specifications: Latest Approved Louisiana Department of Highways Standard Specifications.

Design Specifications: A.A.S.H.O. Standard Specifications for Highway Bridges 1953 as Amended to Dec. 31, 1955.

Live Load: H20-44.

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".

All Exposed Ends of #6 Dowels "Z" to be wrapped with 2 Layers of 15# Tar Paper. Close Filling of Joints made of Compressible material not less than 1/2" thick may be substituted.

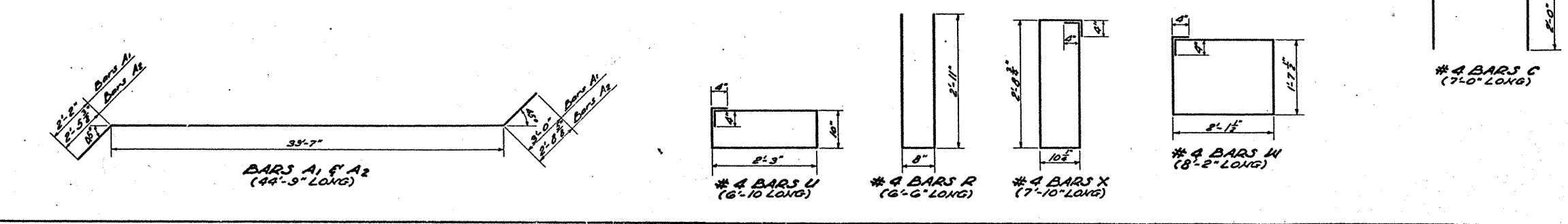
For Details of Concrete Piles see Standard Plan C-S-145.

Maximum Pile Load, unless otherwise instructed by Bridge Design Section: 16" R.C. Piles 28 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 the Bent.

Chamfer all Exposed Corners unless otherwise noted.

Tar Paper and Wrappings to be included in Price Bid for Class "A" Concrete.



STANDARD PLAN REINFORCED CONCRETE PILE BENTS FOR CONCRETE SLAB SPANS 20 FT. SPAN 45° LT. CROSSING 28'-0" CLEAR ROADWAY 1'-6" SIDEWALKS TO BE USED WITH STD. PLAN C-S-18-20 DATED March 12, 1957 C.M. 167		
STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS		
DESIGNED <i>W. J. Mason</i>	DETAILED <i>W. J. Mason</i>	TRACED <i>W. J. Mason</i>
CHECKED <i>W. J. Mason</i>	CHECKED <i>W. J. Mason</i>	CHECKED <i>W. J. Mason</i>
BRIDGE DESIGN SECTION		