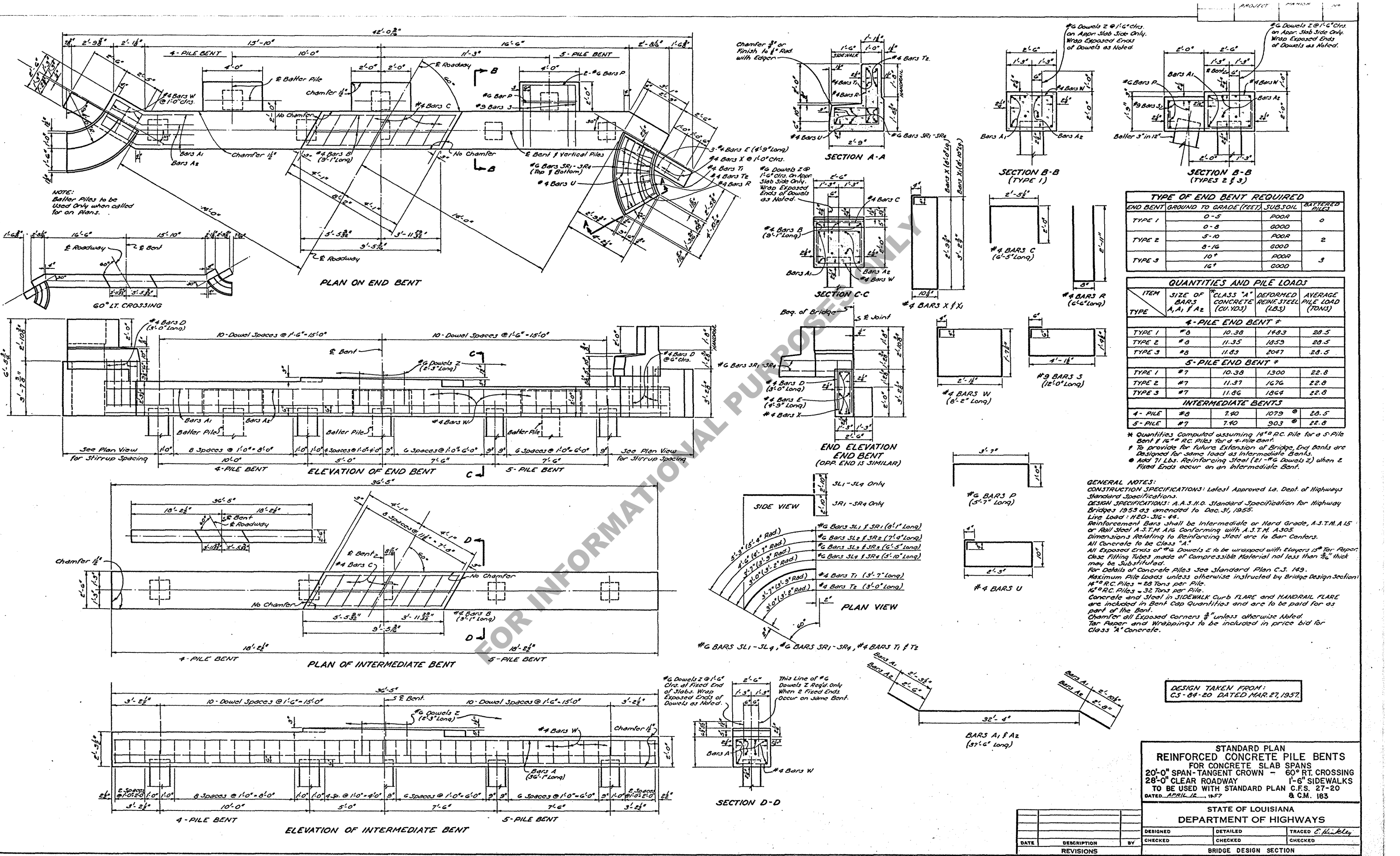




TYPE OF END BENT REQUIRED			
END BENT	GROUND TO GRADE (FEET)	SUBSOIL	BATTERED PILES
TYPE 1	0-5	POOR	0
TYPE 2	5-10	GOOD	2
TYPE 3	10-15	POOR	3

QUANTITIES AND PILE LOADS				
ITEM	SIZE OF BARS	CLASS "A" CONCRETE (CU. YDS.)	DEFORMED REINFORCING STEEL (LBS.)	AVERAGE PILE LOAD (TONS)
4-PILE END BENT #				
TYPE 1	#6	10.38	1483	28.5
TYPE 2	#8	11.35	1853	28.5
TYPE 3	#8	11.83	2047	28.5
5-PILE END BENT #				
TYPE 1	#7	10.38	1300	22.8
TYPE 2	#7	11.37	1676	22.8
TYPE 3	#7	11.86	1864	22.8
INTERMEDIATE BENTS				
4-PILE	#8	7.40	1079	28.5
5-PILE	#7	7.40	903	22.8

GENERAL NOTES:
CONSTRUCTION SPECIFICATIONS: Latest Approved La. Dept. of Highways Standard Specifications.
DESIGN SPECIFICATIONS: A.A.S.H.O. Standard Specification for Highway Bridges 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".
All Exposed Ends of #6 Dowels to be wrapped with layers 15" for Repair, Close Fitting Tubes made of Compressible Material not less than 3/16" thick may be substituted.
For Details of Concrete Piles See Standard Plan C.S. 149.
Maximum Pile Loads unless otherwise instructed by Bridge Design Section: 16" R.C. Piles = 28 Tons per Pile.
18" 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 the Bent.
Chamfer all Exposed Corners 3/4" unless otherwise noted.
For Repairs and Wrappings to be included in price bid for Class "A" Concrete.

DESIGN TAKEN FROM:
CS-84-80 DATED MAR. 27, 1957

STANDARD PLAN REINFORCED CONCRETE PILE BENTS FOR CONCRETE SLAB SPANS 20'-0" SPAN-TANGENT CROWN - 60° RT. CROSSING 28'-0" CLEAR ROADWAY 1'-6" SIDEWALKS TO BE USED WITH STANDARD PLAN C.F.S. 27-20 DATED APRIL 12, 1957 & C.M. 183			
STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS			
DESIGNED	DETAILED	TRACED	CHECKED
CHECKED	CHECKED	CHECKED	CHECKED
DATE	DESCRIPTION	BY	BRIDGE DESIGN SECTION
REVISIONS			