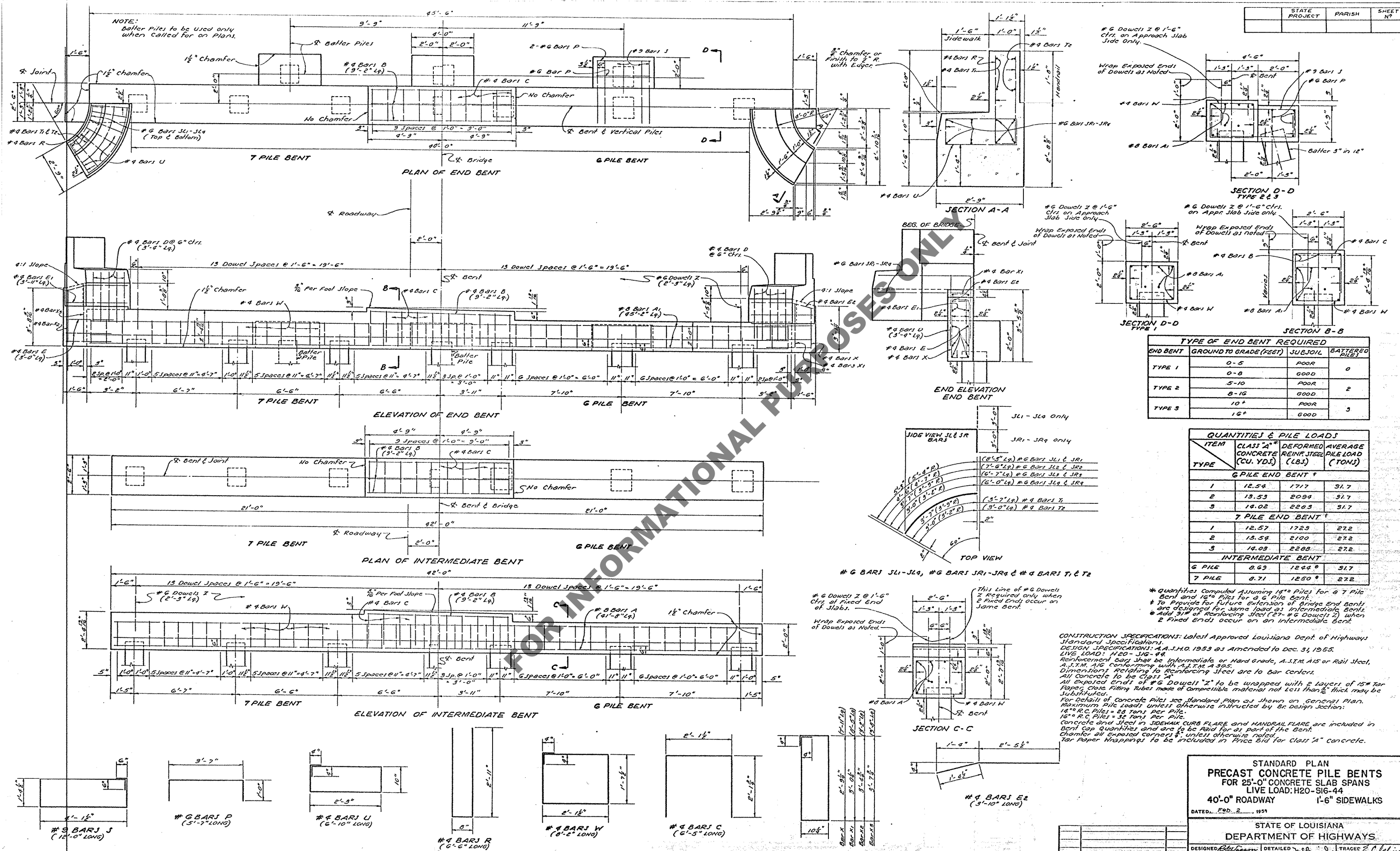




TYPE OF END BENT REQUIRED			
END BENT	GROUND TO GRADE (FEET)	SUBJOIL	BATTER PILES
TYPE 1	0-5	POOR	0
	0-8	GOOD	
TYPE 2	5-10	POOR	2
	8-16	GOOD	
TYPE 3	10+	POOR	3
	16+	GOOD	

QUANTITIES & PILE LOADS			
ITEM	CLASS "A" CONCRETE (CU. YDS.)	DEFORMED REINF. STEEL (LBS.)	AVERAGE PILE LOAD (TONS)
TYPE			
G PILE END BENT *			
1	16.54	1717	31.7
2	13.53	2094	31.7
3	14.02	2265	31.7
7 PILE END BENT *			
1	12.57	1723	27.2
2	13.54	2100	27.2
3	14.03	2269	27.2
INTERMEDIATE BENT			
G PILE	0.63	1244 *	31.7
7 PILE	0.71	1250 *	27.2

CONSTRUCTION SPECIFICATIONS: Latest Approved Louisiana Dept. of Highways Standard Specifications.
DESIGN SPECIFICATIONS: A.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. A 305.
Concrete Reinforcing Steel Bars 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, Glue Filling Tubes made of compressible material not less than 1/2" thick may be used.
For Details of Concrete Piles see Standard Plan as shown on General Plan.
Maximum Pile Loads: unless otherwise instructed by Sr. Design Section:
16" R.C. Piles = 28 tons per pile.
18" R.C. Piles = 32 tons per pile.
Concrete and Steel JOISTWALK 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 Wrappings to be included in Price Bid for Class "A" Concrete.

STANDARD PLAN PRECAST CONCRETE PILE BENTS FOR 25'-0" CONCRETE SLAB SPANS LIVE LOAD: H20-S16-44 40'-0" ROADWAY 1'-6" SIDEWALKS			
DATE: <u>Feb. 2</u> , 1959			
STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS			
DESIGNED <u>B. H. Brown</u>	DETAILED <u>W. B. D.</u>	TRACED <u>E. C. Johnson</u>	
CHECKED <u>W. B. D.</u>	CHECKED <u>J. Maloney</u>	CHECKED <u>J. Maloney</u>	
BRIDGE DESIGN SECTION			
BCFSI5C-90-40TA			