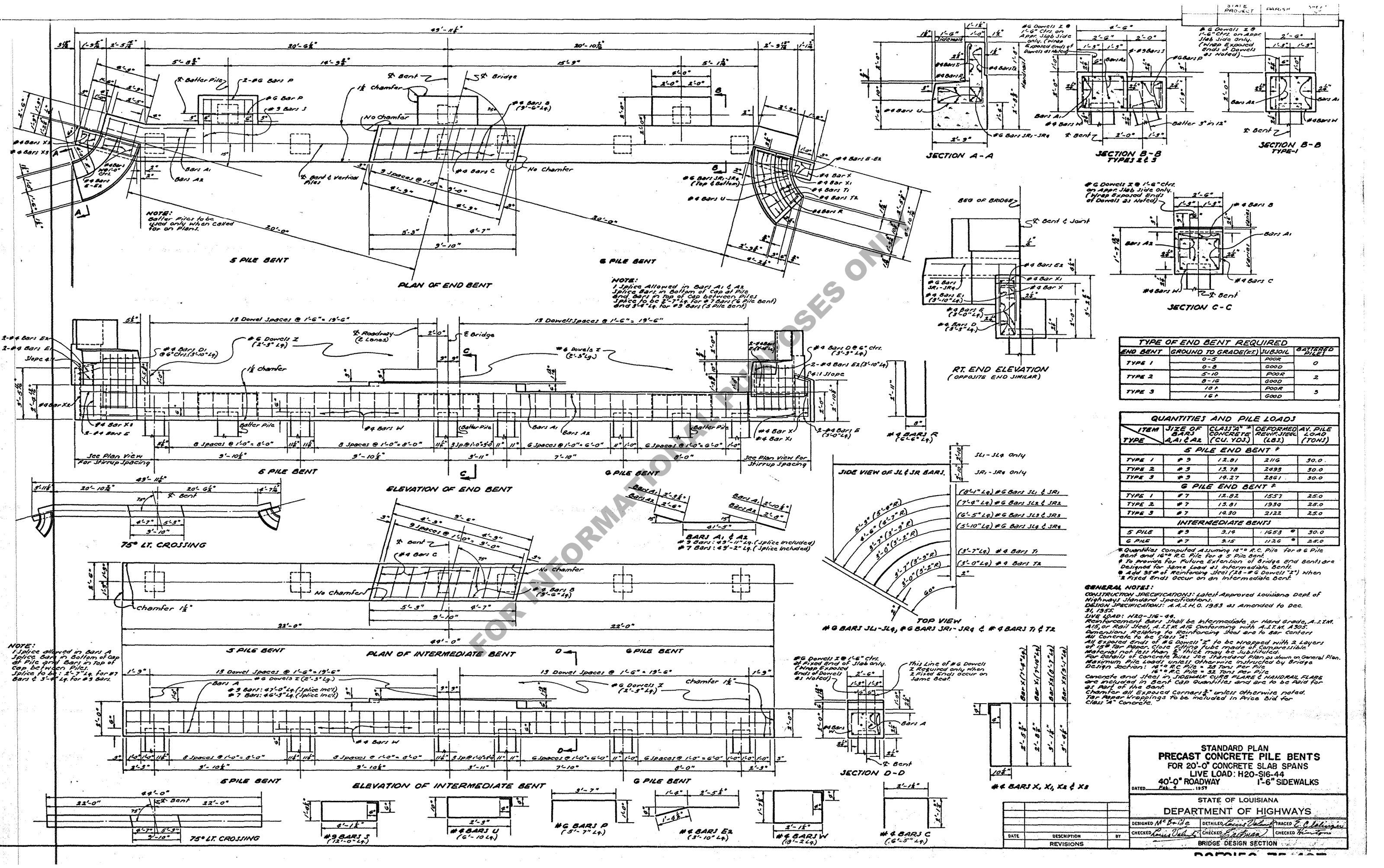




TYPE OF END BENT REQUIRED			
END BENT	GROUND TO GRADE (FT)	SUBSOIL	BATTERED PILE
TYPE 1	0-5	POOR	0
	5-10	GOOD	0
TYPE 2	10-15	POOR	2
	15-20	GOOD	2
TYPE 3	20-25	POOR	3
	25-30	GOOD	3

QUANTITIES AND PILE LOADS				
ITEM	SIZE OF	CLASS "A"	DEFORMED	AV. PILE
TYPE	A, A1 & A2	(CU. YDS)	(LB.)	LOAD (TONS)
S PILE END BENT #				
TYPE 1	# 3	12.81	2116	30.0
TYPE 2	# 3	13.78	2493	30.0
TYPE 3	# 3	14.27	2861	30.0
G PILE END BENT #				
TYPE 1	# 7	12.82	1557	25.0
TYPE 2	# 7	13.91	1930	25.0
TYPE 3	# 7	14.30	2122	25.0
INTERMEDIATE BENTS				
S PILE	# 3	3.19	1653	30.0
G PILE	# 7	3.15	1126	25.0

* Quantities computed assuming 14" R.C. Pile for S Pile Bent and 16" R.C. Pile for G Pile Bent.
* To provide for future extension of bridge end bents are designed for same load as intermediate bents.
* 1/2" of Reinforcing Steel (A.S.T.M. #6 DOWEL "Z") when 2 fixed ends occur on an intermediate bent.

GENERAL NOTES:
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. A305. Dimensions relating to Reinforcing Steel are to Bar Centers. All concrete to be Class "A".
All exposed ends of #6 Dowel "Z" to be wrapped with 2 layers of 15# Tan Paper, Close Fitting tube made of Compressible Material not less than 1/4" thick may be substituted.
For Details of Concrete Bents See Standard Plan as shown on General Plan.
Maximum Pile Loads unless otherwise instructed by Bridge Design Section: 16" R.C. Pile = 32 Tons Per Pile.
Concrete and Steel in Joints and CURB FLARE & HANDRAIL FLARE are included in Bent Cap Quantities and are to be paid for at Bent of the Bent.
Chamfer all Exposed Corners 1/4" unless otherwise noted.
For Paper Wrappings to be included in Price Bid for Class "A" Concrete.

STANDARD PLAN PRECAST CONCRETE PILE BENTS FOR 20'-0" CONCRETE SLAB SPANS LIVE LOAD: H20-S16-44 40'-0" ROADWAY 1'-6" SIDEWALKS			
DATE: Feb. 2, 1957			
STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS			
DESIGNED: M. B. De	DETAILED: Louis Dubois	TRACED: J. C. LeBlanc	
CHECKED: Louis Dubois	CHECKED: Louis Dubois	CHECKED: Louis Dubois	
BRIDGE DESIGN SECTION			