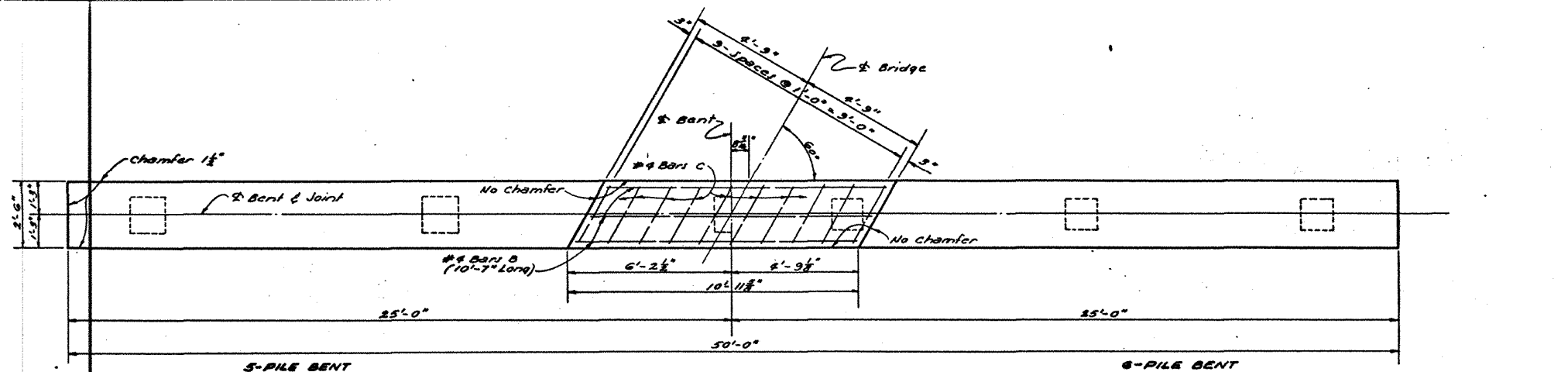
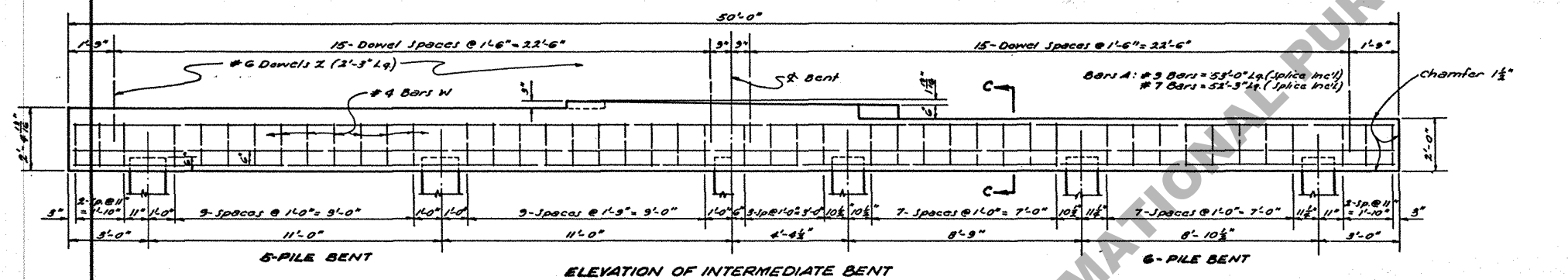
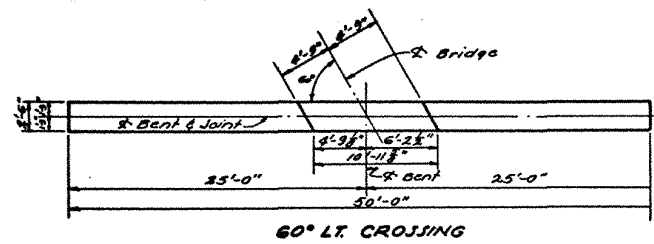


STATE PROJECT	PARISH	SHEET NO.



NOTE:
1-Splice Allowed in Bars A.
Splice Bars in Bottom of Cap at Pile & Bars in Top of Cap Between Piles.
Splice to be 2'-7" long for #7 Bars (6-Pile Bent) and 3'-4" long for #5 Bars (5-Pile Bent).

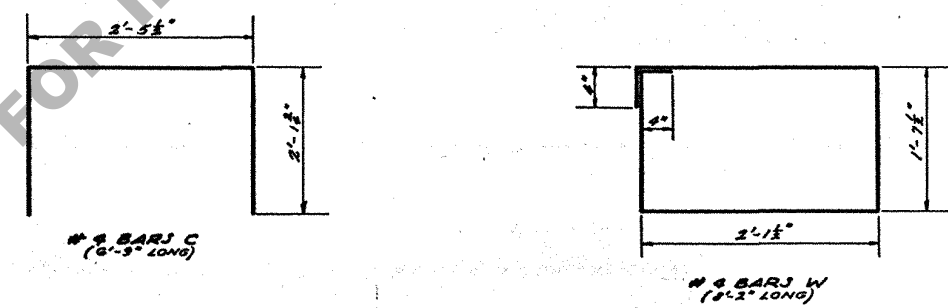
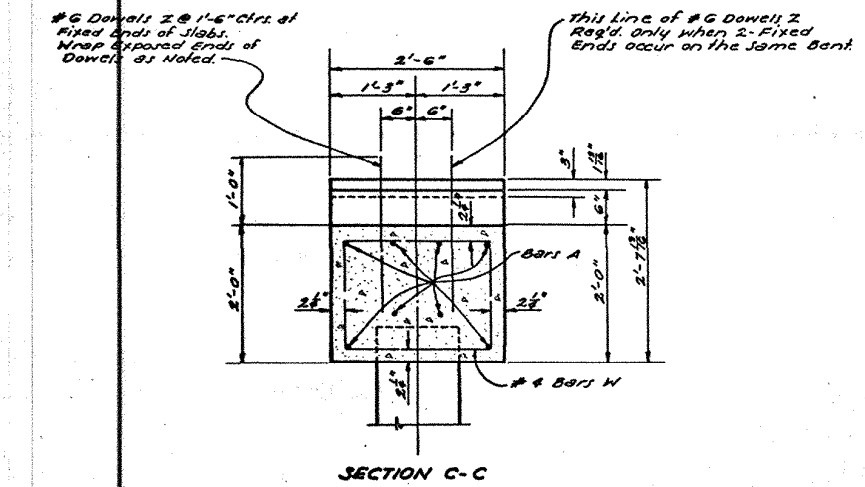


TYPE OF END BENT REQUIRED			
END BENT	GROUND TO GRADE (FT)	SUBSOIL	BATTERED PILES
TYPE 1	0-5	POOR	0
	0-8	GOOD	
TYPE 2	5-10	POOR	2
	0-16	GOOD	
TYPE 3	10+	POOR	3
	16+	GOOD	

QUANTITIES AND PILE LOADS				
ITEM	SIZE OF BARS	CLASS "A" CONCRETE (CU. YDS.)	DEFORMED REINFORCING STEEL (LBS.)	AVERAGE PILE LOAD (TONS)
5-PILE BENT				
TYPE 1	#9	13.79	2279	30.1
TYPE 2	#9	14.76	2656	30.1
TYPE 3	#9	15.24	2899	30.1
6-PILE BENT				
TYPE 1	#7	13.80	1674	25.0
TYPE 2	#7	14.79	2051	25.0
TYPE 3	#7	15.28	2239	25.0
INTERMEDIATE BENT				
5-PILE	#9	10.40	1867	30.1
6-PILE	#7	10.42	1279	25.0

*Quantities Computed Assuming 14" R.C. Piles for a 6-Pile Bent and 16" R.C. Piles for a 5-Pile Bent.
*To Provide for Future Extension of Bridge, End Bents are Designed for Same Load as Intermediate Bents.
*Add 108 Lbs. Reinforcing Steel (32 #6 Dowels Z) When 2-Fixed Ends Occur on an Intermediate Bent.

GENERAL NOTES:
CONSTRUCTION SPECIFICATIONS: Latest Approved L.S. Dept. of Hwys. Std. Specifications.
DESIGN SPECIFICATIONS: A.S.T.M. 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 to 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 Fitting Tubes made of Compressible Material not less than 1/2" thick may be substituted. For Details of Concrete Piles see Standard Plan as Shown on General Plan.
Maximum Pile Loads unless otherwise instructed by Bridge Design Section:
14" R.C. Piles = 25 Tons Per Pile.
16" R.C. Piles = 32 Tons Per Pile.
Concrete and Steel in SIDEWALK CURB FLARE & 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 Wrapping 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 DATED Feb. 1, 1959			
STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS			
DESIGNED K. M. B. B.	DETAILED E. C. B.	TRACED F. C. B.	
CHECKED K. M. B. B.	CHECKED K. M. B. B.	CHECKED K. M. B. B.	
BRIDGE DESIGN SECTION			