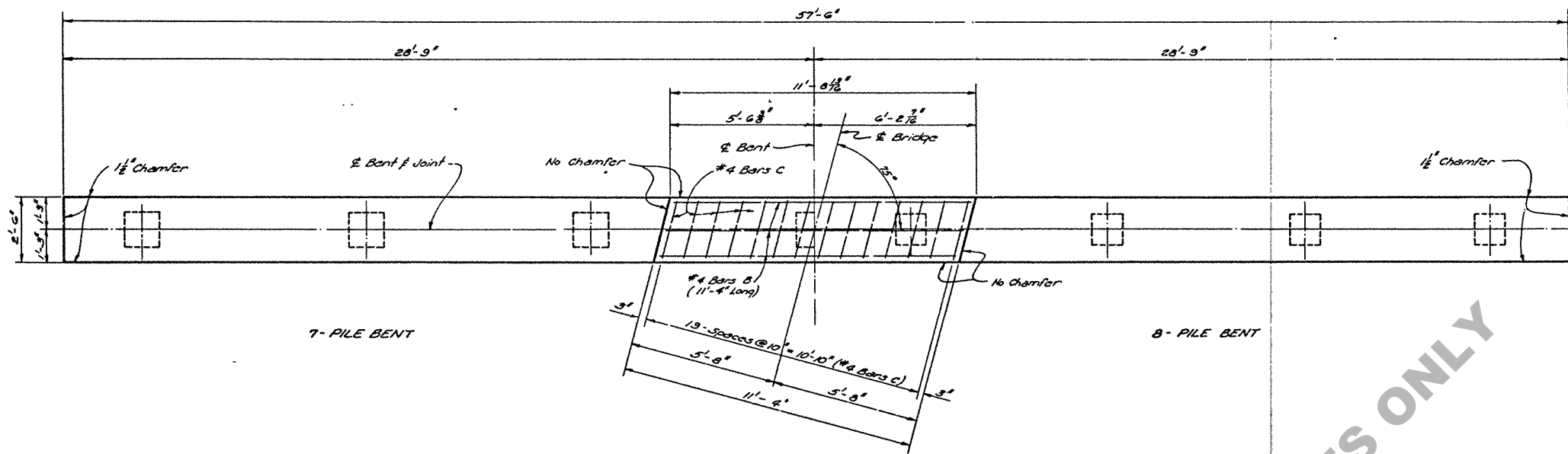


STATE PROJECT	PARISH	SHEET NO.



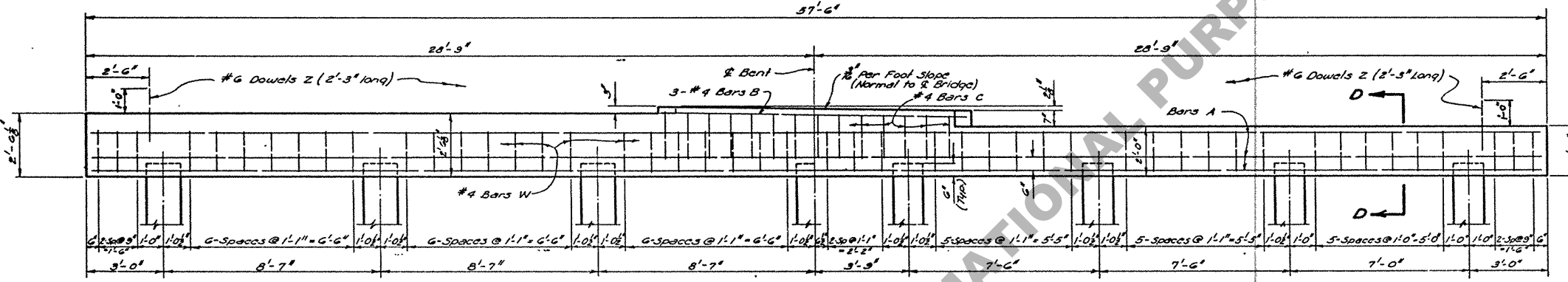
PLAN OF INTERMEDIATE BENT
(SHOWING KEY REINFORCEMENT)

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

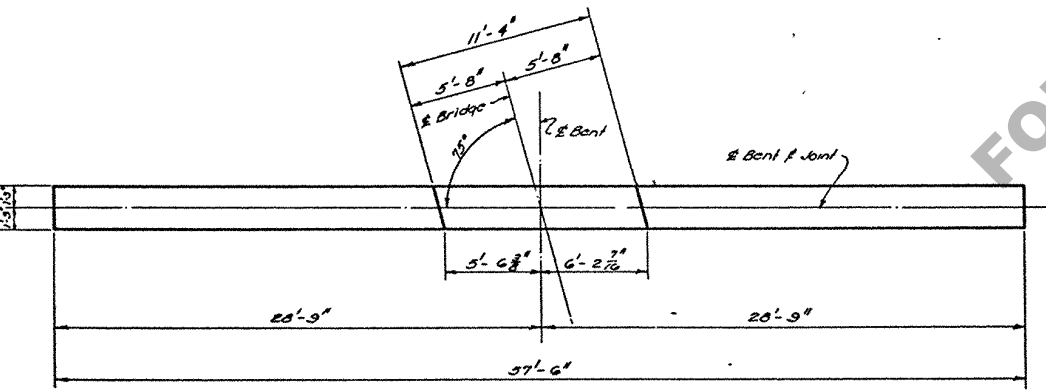
QUANTITIES & PILE LOADS				
ITEM TYPE	SIZE OF BARS A, A1 & A2	* CLASS "A" CONCRETE CU YDS.	DEFORMED REINSTEEL LBS.	AVERAGE PILE LOAD TONS
7- PILE END BENT †				
TYPE - 1	#8	15.91	2174	23.2
TYPE - 2	#8	17.37	2739	29.2
8- PILE END BENT †				
TYPE - 1	#7	15.94	1359	25.5
TYPE - 2	#7	17.42	2424	25.5
INTERMEDIATE BENTS				
7- PILE	#8	12.26	1747	23.2
8- PILE	#7	12.29	1490	25.5

* Quantities computed assuming 14" R.C. Piles for a 7-Pile Bent and 14" R.C. Piles for an 8-Pile Bent.
† To provide for future extension of bridge, end bents are designed for same loads as intermediate bents. Add 122 lbs. of reinforcing steel (36 #6 Dowels Z) when 2-Fixed ends occur on an intermediate bent.

GENERAL NOTES:
CONSTRUCTION SPECIFICATIONS: Latest approved La. Dept. of Highways Standard Specifications.
DESIGN SPECIFICATIONS: A.A.S.H.O. Standard Specifications for Highway Bridges, 1957, as amended to Dec. 31, 1959.
Live Load: H20-S16-44 (Modified).
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. Exposed corners to be chamfered 3/4" unless otherwise noted. All concrete to be Class "A".
For details of concrete piles, see Std. Plans as shown on Gen. Plan. All exposed ends of #6 Dowels "Z" to be wrapped with 2 layers of 18" tar paper. Close fitting tubes made of compressible material not less than 3/4" thick may be substituted. 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.
Tar paper wrappings to be included in price bid for Class "A" concrete.
Maximum Pile Loads unless otherwise instructed by the Bridge Design Section:
14" R.C. Piles = 28 Tons Per Pile.
16" R.C. Piles = 32 Tons Per Pile.
On End Bents, All Exposed Vertical Surfaces and Chamfers on Cap to have Class 2 Rubbed Finish.
All Exposed Surfaces on Wingwalls, Beyond the Limits of the Edge of Bridge Slab to have a Class 2 Rubbed Finish.
On Intermediate Bents, All Vertical Surfaces and Chamfers above the Low Water or Ground Line to have a Class 2 Rubbed Finish.
R = Denotes Class 2 Rubbed Finish Not Otherwise Shown.

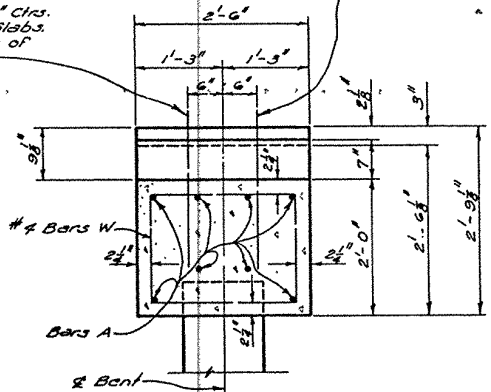


ELEVATION OF INTERMEDIATE BENT



PLAN
75° LT. CROSSING

#6 Dowels Z @ 1'-6" Ctrs. at Fixed Ends of Slabs. Wrap Exposed Ends of Dowels as noted.
This line of #6 Dowels Z Required only when 2-Fixed Ends occur on the same Bent



SECTION D-D

NOTE:
1-Splice allowed in Bars A
Splice Bars in Bottom of Cap of Pile and Bars in Top of Cap between Piles.
Splice to be 2'-11" long for #4 Bars (7-Pile Bent) and 2'-1" long for #7 Bars (8-Pile Bent).
#9 Bars A = 60'-1" (Splice Included)
#7 Bars A = 59'-9" (Splice Included)

BRIDGES UNDER 150 FT.			
STANDARD PLAN			
PRECAST CONCRETE PILE BENTS			
FOR 20' CONCRETE SLAB SPANS			
LIVE LOAD H20-S16-44 MODIFIED			
52'-0" ROADWAY 1'-6" SIDEWALKS			
DATED Dec. 2, 1960			
STATE OF LOUISIANA			
DEPARTMENT OF HIGHWAYS			
DESIGNED <i>Jim Maloney</i>	DETAILED <i>Jim Maloney</i>	TRACED <i>E. Kinley</i>	
CHECKED <i>J. J. Russo</i>	CHECKED <i>J. J. Russo</i>	CHECKED <i>J. J. Russo</i>	
BRIDGE DESIGN SECTION			

1-31-61	Rebbling Notes	6/15/61	
DATE	DESCRIPTION	BY	
REVISIONS			