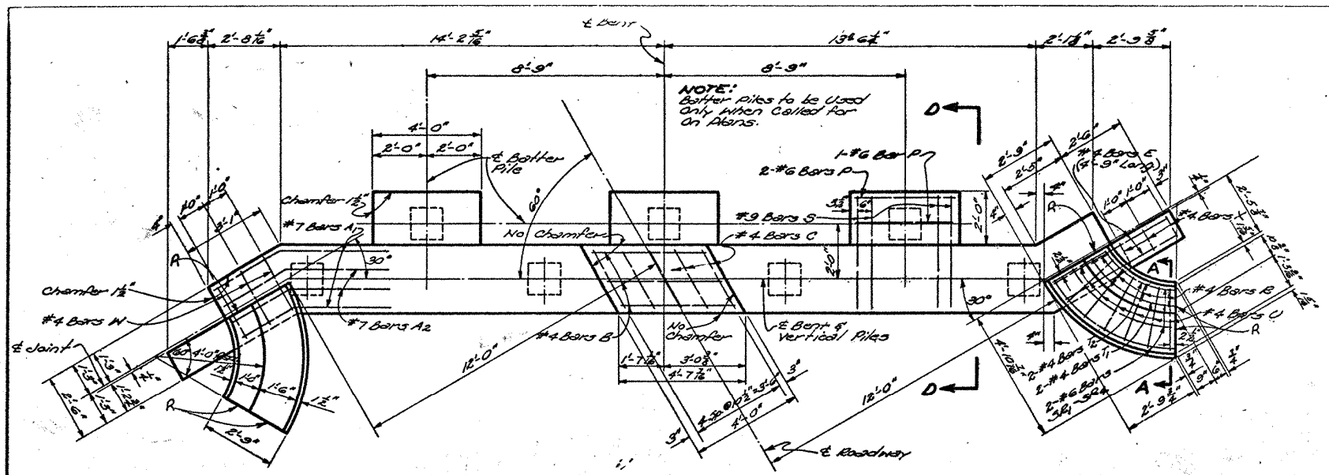
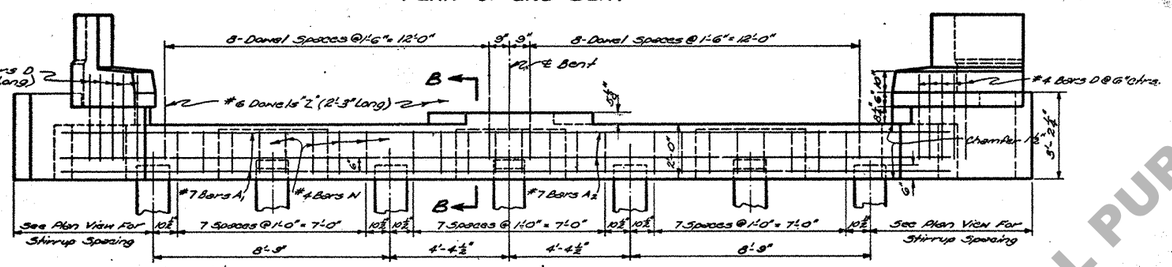
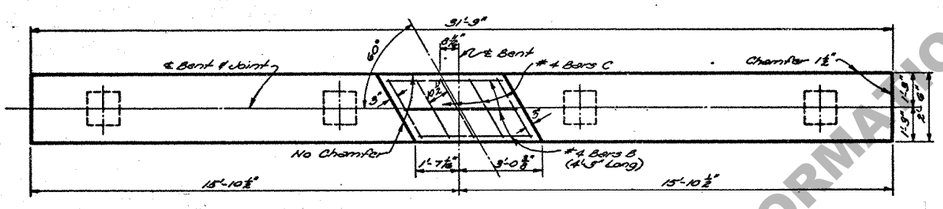


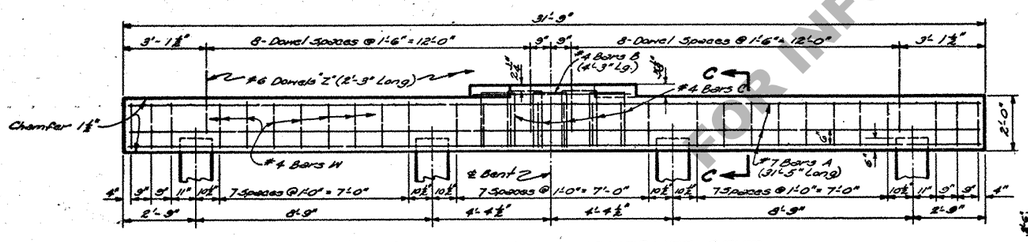
PLAN OF END BENT



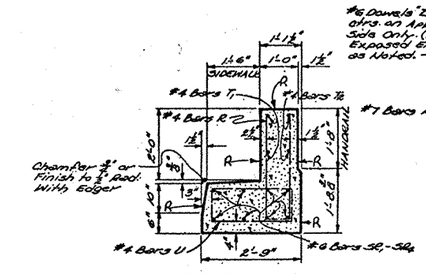
ELEVATION OF END BENT



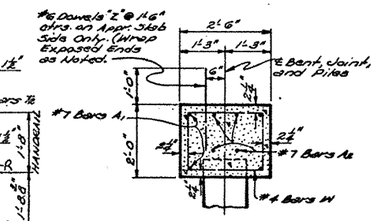
PLAN OF INTERMEDIATE BENT



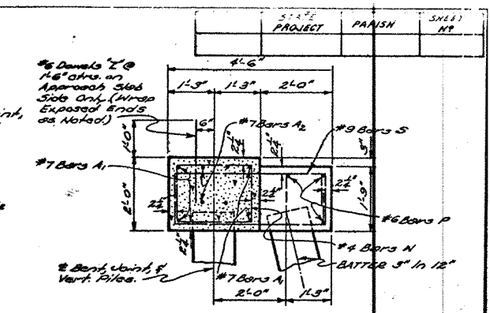
ELEVATION OF INTERMEDIATE BENT



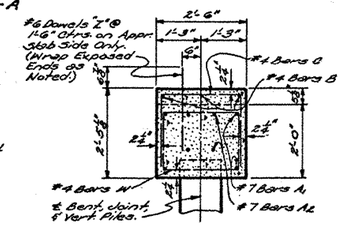
SECTION A-A



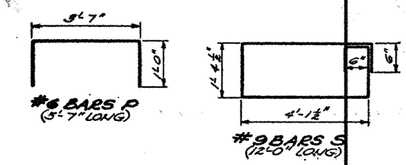
SECTION D-D
TYPE 1

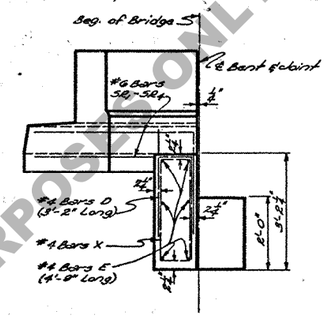


SECTION D-D
TYPE 2 AND 3



SECTION B-B





END ELEVATION
END BENT

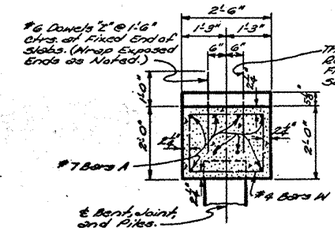
QUANTITIES (ONE BENT) - PILE LOADS			
TYPE \ ITEM	CLASS "A" CONCRETE* (CU. YDS.)	DEFORMED REINF. STEEL (POUNDS)	AVERAGE PILE LOAD (TONS)
4-PILE END BENT#			
1	8.87	1166	22.6
2	9.86	1542	22.6
3	10.85	1790	22.6
INTERMEDIATE BENT			
4-PILE	5.96	768 @	22.6

*Quantities Computed Assuming Use of 14" P.C. Piles.
#To Provide For Future Extension of Bridge. End Bents are Designed For Same Load as Intermediate Bents.
@Add 61 Lbs. (13-#6 Dowels Z) When Two Fixed Ends Occur on Same Bent.

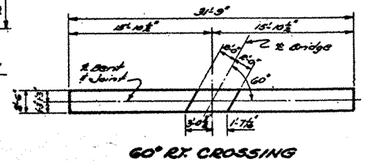
TYPE OF END BENT REQUIRED			
TYPE	GROUND TO GRADE (FEET)	SUB-SOIL	BATTER PILES
1	0-5	POOR	0
	0-8	GOOD	
2	5-10	POOR	2
	8-16	GOOD	
3	10+	POOR	3
	16+	GOOD	

GENERAL NOTES:
Construction Specifications: Latest Approved Louisiana Department of Highways Standard Specifications.
Design Specifications: A.A.S.H.O. Standard Specifications For Highway Bridges, 1969 as Amended to Dec. 31, 1973.
Live Load: H15-44
Reinforcing 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 "Z" to be Wrapped With Two Layers of 15# Tar Paper Close Fitting Tubes Made of Compressible Material Not Less Than ⅛" Thick. May be Substituted Tar Paper and Wrapping to be Included in Price Bid For Class "A" Concrete.
For Details of Concrete Piles, See Std. Plan as Shown on General Plan.
Concrete and Steel in Sidewalk, Curb, and Handrail Plans are Included in End Bent Quantities and are to be Paid For as Part of The Bent.
All Exposed Edges and Corners to be Chamfered ¾" Unless Otherwise Noted.
Maximum Pile Loads Unless Otherwise Instructed By Bridge Design Section: 14" # P.C. Piles - 25 Tons Per Pile.

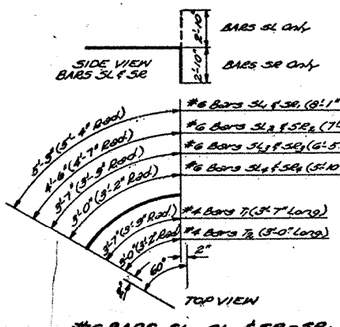
GENERAL NOTES CON'T:
On End Bents, All Exposed Vertical Surfaces and Chamfers on Cap to have Class 2 Rubbed Finish.
All Exposed Surfaces on Wingwall, beyond the Limits of the Edge of Bridge Slab to have a Class 2 Rubbed Finish.
On Intermediate Bents, All Vertical Surfaces and Chamfers above the Low Water or Ground Line to have a Class 2 Rubbed Finish.
R — Denotes Class 2 Rubbed Finish not otherwise shown.

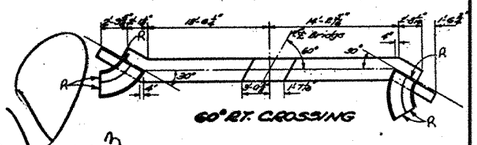


SECTION C-C



60° RT. CROSSING





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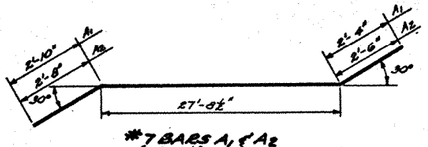
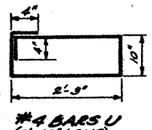
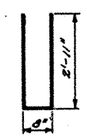


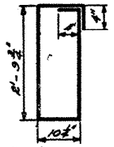
#7 BARS A1 & A2
(32'-10½" LONG)



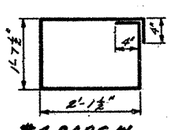
#4 BARS U
(6'-10" LONG)



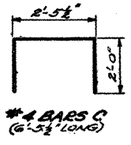
#4 BARS R
(6'-6" LONG)



#4 BARS X
(9'-0" LONG)



#4 BARS N
(9'-2" LONG)



#4 BARS C
(6'-5½" LONG)

DATE	DESCRIPTION	BY
2-16-61	Rubbing Notes	W.S.H.C.F.
6-23-58	New Title & Plan No.	

REVISIONS

STANDARD PLAN
PRECAST CONCRETE PILE BENTS
FOR 20'-0" CONCRETE SLAB SPANS
LIVE LOAD: H15-44
24'-0" ROADWAY 1'-6" SIDEWALKS
DATED March 27, 1957

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS
DESIGNED Jenkins DETAILED Hill TRACED
CHECKED Hill CHECKED McBride ENGINEER
BRIDGE DESIGN SECTION

BCFS15C-60-24P

VOID 8/9/63 R.G.Sm.

FOR INFORMATIONAL PURPOSES ONLY

DIETZGEN N. O. 120 "IMPERIAL"