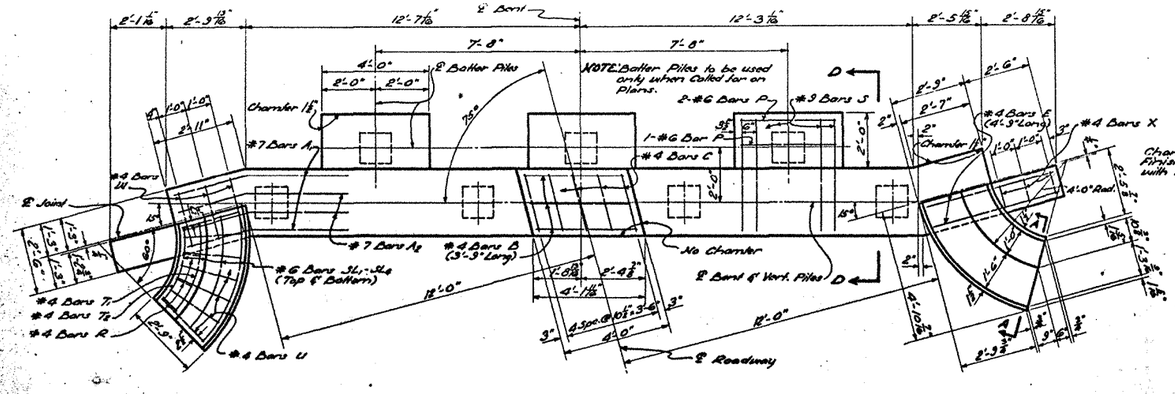
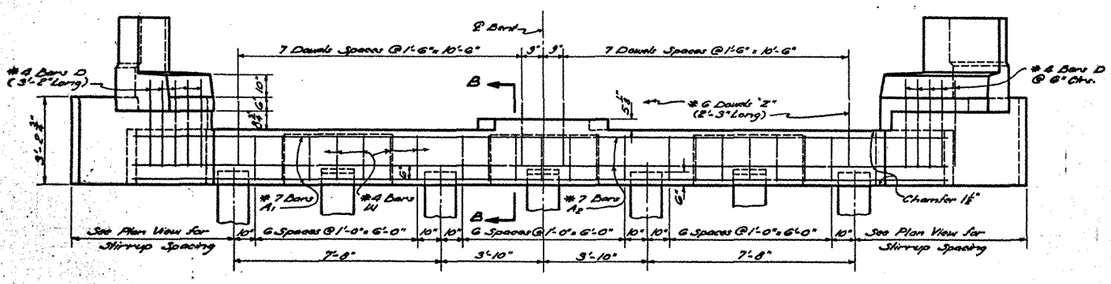
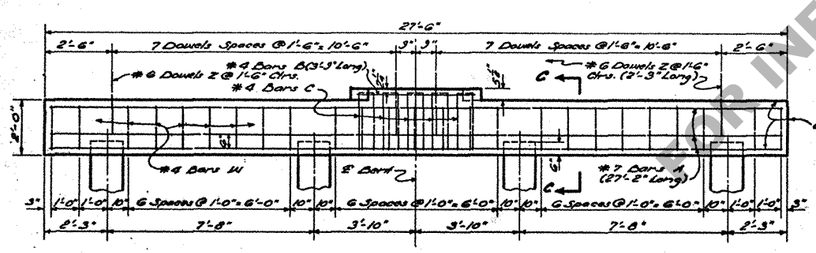


PLAN OF END BENT

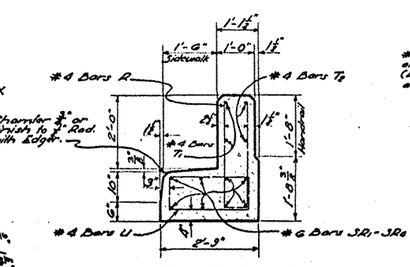


ELEVATION OF END BENT

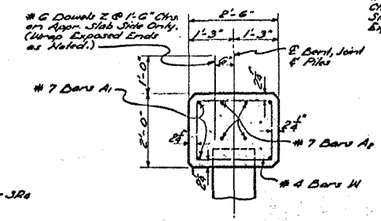
PLAN OF INTERMEDIATE BENT



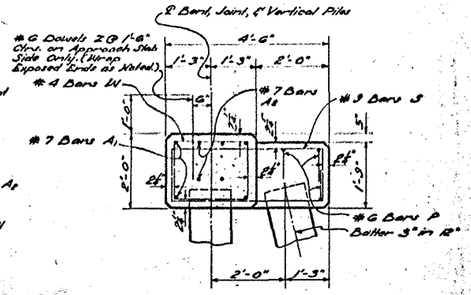
ELEVATION OF INTERMEDIATE BENT



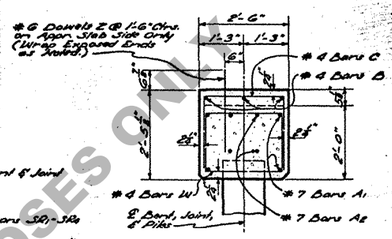
SECTION A-A



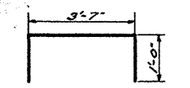
SECTION D-D
TYPE 1



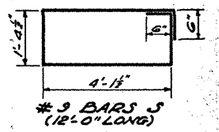
SECTION D-D
TYPES 2 & 3



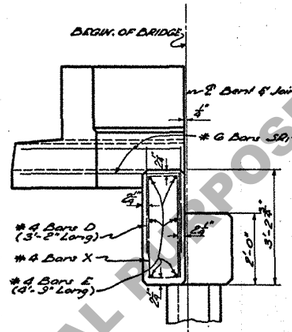
SECTION B-B



#6 BARS P
(3'-7" LONG)



#9 BARS S
(12'-0" LONG)



END ELEVATION
END BENT

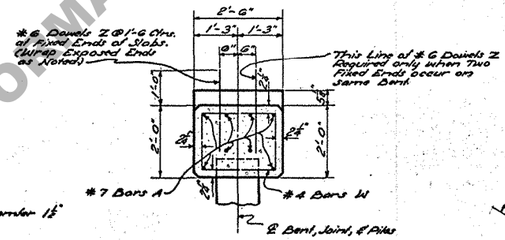
TYPE OF END BENT REQUIRED			
TYPE	GROUND TO GRADE (FEET)	SUB-SOIL	BATTER PILES
1	0-5	Poor	0
	0-8	Good	
2	5-10	Poor	2
	8-16	Good	
3	10+	Poor	3
	16+	Good	

QUANTITIES (ONE BENT) - PILE LOADS			
ITEM / TYPE	CLASS "A" CONCRETE (CU. YDS.)	DEFORMED REINF. STEEL (POUNDS)	AVERAGE PILE LOAD (TONS)
4-PILE END BENT			
1	8.31	1034	22.6
2	9.30	1470	22.6
3	9.79	1658	22.6
INTERMEDIATE BENT			
4-PILE	5.12	663 *	22.6

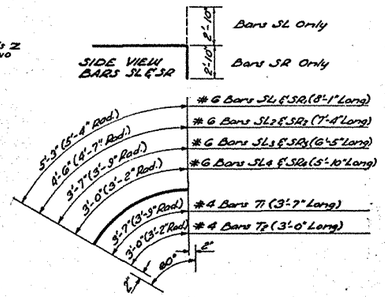
* Quantities Computed Assuming use of 14"ø R.C. Piles.
* To Provide for Future Extension of Bridge, End Bents are Designed for same Load as Intermediate Bents.
* Add 54 Lbs. (16-#6 Dowels Z) when Two Fixed Ends occur on same Bent.

GENERAL NOTES:

Construction Specifications: Latest Approved Louisiana Department of Highways Standard Specifications:
Design Specifications: A.A.S.H.O. Standard Specifications for Highway Bridges, 1953, as Amended to Dec. 31, 1955.
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 ¾" 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 C.S.-149.
Concrete and Steel in Sidewalk, Curb, and Handrail Flare 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 3/4" Unless otherwise Noted.
Maximum Pile Loads unless otherwise instructed by Bridge Design Section.
14"ø R.C. Piles - 28 Tons Per Pile.



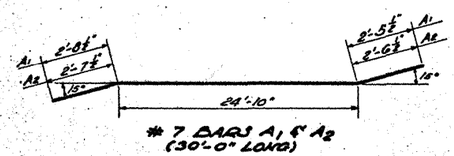
SECTION C-C



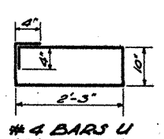
TOP VIEW

#6 BARS SL1-SL4, #6 BARS SR1-SR4
#4 BARS T1 & T2

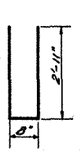
DISCARD
Replaced by Mst Film
BCFS15C-75-24P
RDG 6/27/58



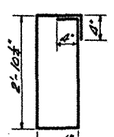
#7 BARS A1 & A2
(30'-0" LONG)



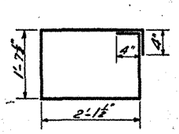
#4 BARS U
(6'-10" LONG)



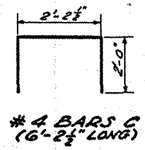
#4 BARS R
(6'-6" LONG)



#4 BARS X
(8'-1" LONG)



#4 BARS W
(8'-2" LONG)



#4 BARS C
(6'-2¾" LONG)

STANDARD PLAN
REINFORCED CONCRETE PILE BENTS
FOR CONCRETE SLAB SPANS
20'-0" SPAN 75° LT. CROSSING
24'-0" CLEAR ROADWAY 2'-1'-6" SIDEWALKS
TO BE USED WITH STD. PLAN C.F.S. 12-15, C.M. 180
DATED March 27, 1957

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS
DESIGNED Conway Funk | DETAILED Charles O. Hall | TRACED W. Barron
CHECKED Charles O. Hall | CHECKED [illegible] | CHECKED [illegible]
BRIDGE DESIGN SECTION

DATE	DESCRIPTION	BY
	REVISIONS	

C.S. 211-15