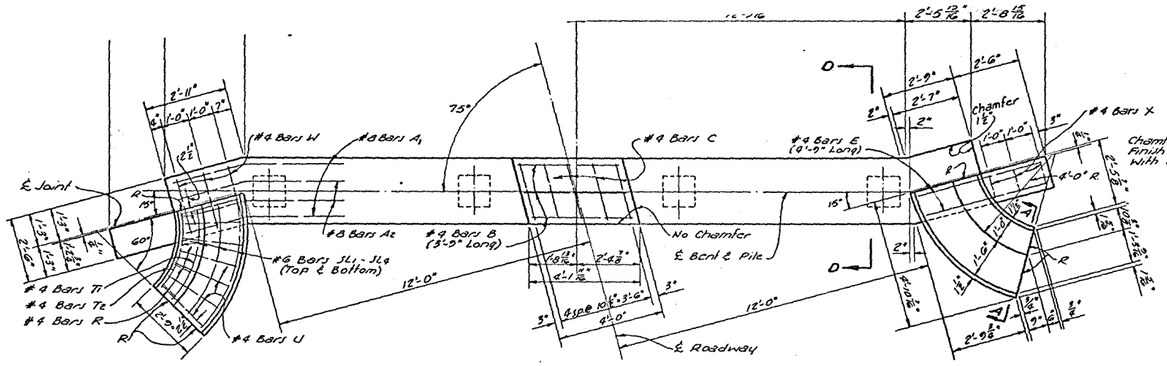
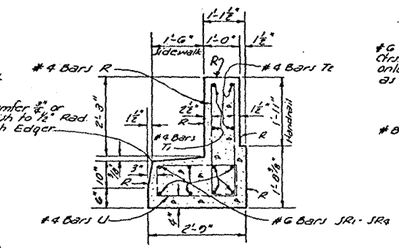
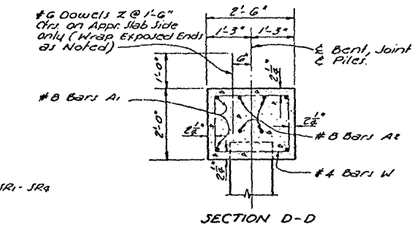
	STATE PROJECT	PARISH	SHEET NO



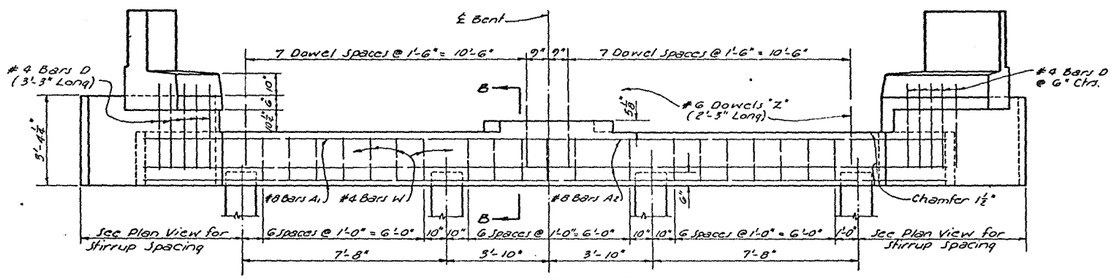
PLAN OF END BENT



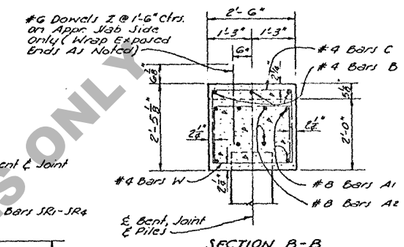
SECTION A-A



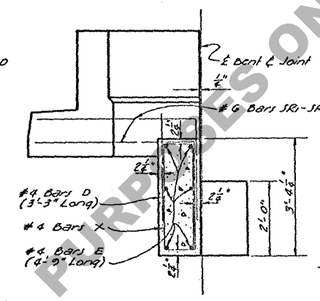
SECTION D-D



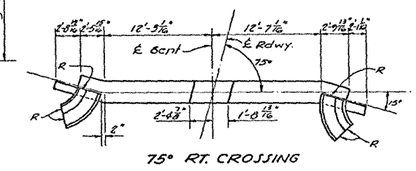
ELEVATION OF END BENT



SECTION B-B



END ELEVATION
END BENT

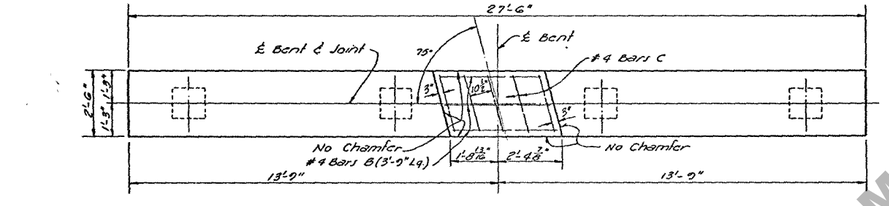


75° RT. CROSSING

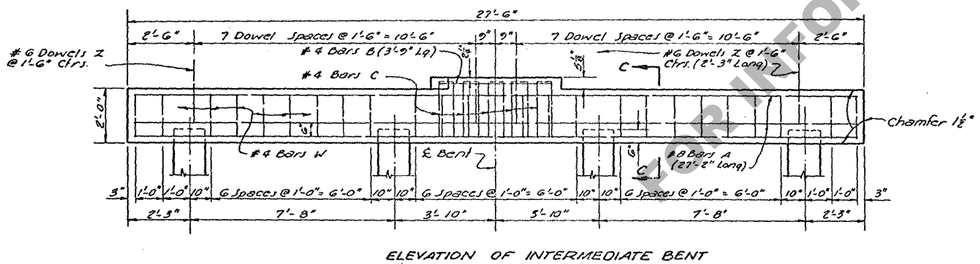
QUANTITIES AND PILE LOADS (ONE BENT)			
BENT TYPE	CLASS "A" CONCRETE (CU. YD) *	DEF. REINF. STEEL (LBS.)	AVE. PILE LOAD (TONS)
4-PILE END BENT #	8.47	1249	23.8
4-PILE INTER. BENT	5.15	799 @	23.8

*Quantities computed on basis of 14" Precast Concrete Piles.
To Provide for Future Extension of Bridge, End Bents are Designed for Same Load as Intermediate Bent.
@ Add 54 Lbs. (16-#6 Dowels Z) when two fixed ends occur on an Intermediate Bent.

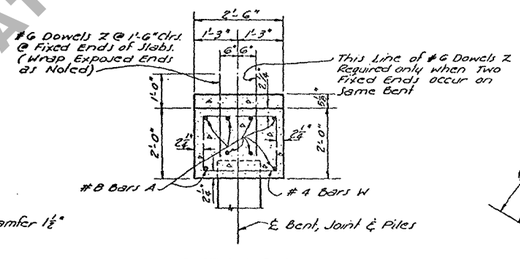
GENERAL NOTES:
CONSTRUCTION SPECIFICATIONS: Latest Approved La. Dept. of Highways Standard Specifications.
DESIGN SPECIFICATIONS: A.A.S.H.O. Std. Specs. for Highway Bridges, 1961 as Amended by Interim Specifications 1964.
LIVE LOAD: H15-44
Reinforcing Bars shall be Intermediate or Hard Grade, A.S.T.M. 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 2 Layers of 15 # Tar Paper.
Close Filling Tubes made of Compressible Material not Less Than 3/8" Thick may be Substituted.
For Details of Conc. Piles, See Std. Plan as Shown on General Plan.
Concrete and Steel in Sidewalk Curb Flare and Handrail Flare are Included in Bent Cap Quantities and are to be Paid for at Rate of the Bent.
Chamfer all Exposed Corners ¾" unless otherwise Noted.
Tar Paper Wrapping to be Included in Price Bid for Class "A" Concrete.
On End Bents, All Exposed Vertical Surface and Chamfers on Cap to have Class 2 Rubbed Finish. All Exposed Surfaces on Wingwall Beyond the Limit of the Edge of Bridge Slab to have a Class 2 Rubbed Finish.
On Intermediate Bent, 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.



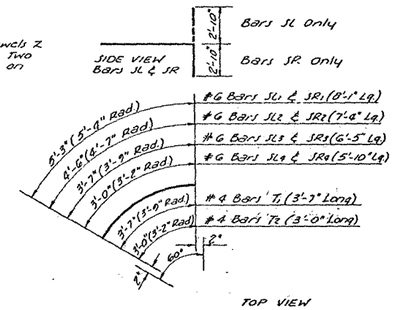
PLAN OF INTERMEDIATE BENT



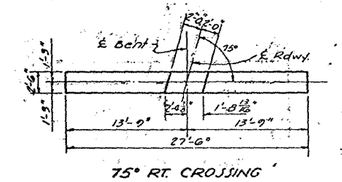
ELEVATION OF INTERMEDIATE BENT



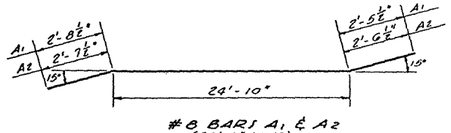
SECTION C-C



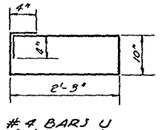
#6 BARS SL1 - SL4, #6 BARS SR1 - SR4
#4 BARS T1 & T2
(4½" DIA. PIN FOR #6 BARS ONLY)



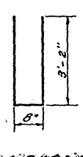
75° RT. CROSSING



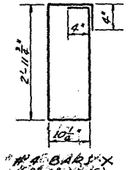
#8 BARS A1 & A2
(30'-0" LONG)
(3½" DIA. PIN)



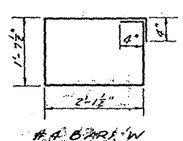
#4 BARS U
(6'-10" LONG)
(3" DIA. PIN)



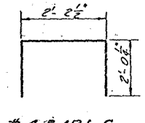
#4 BARS R
(7'-0" LONG)
(3" DIA. PIN)



#4 BARS X
(9'-9" LONG)
(3" DIA. PIN)



#4 BARS W
(9'-2" LONG)
(3" DIA. PIN)



#4 BARS C
(6'-3" LONG)
(3" DIA. PIN)

CJ1BC-75°-24P				
CAP-75°-24P				
5		R.R.Handrail Rev. "64 Specs"		
4				
3				
2				
1	DATE	DESCRIPTION	BY	
		REVISIONS		

BENTS

STANDARD PLAN
PRECAST CONCRETE PILE BENTS
FOR 20'-0" CONCRETE SLAB SPAN
LIVE LOAD H15-44
24'-0" ROADWAY 1'-6" SIDEWALKS

DATED Sept. 1963

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED | DETAILED | TRACED
CHECKED | CHECKED | CHECKED
BRIDGE DESIGN SECTION

FOR INFORMATIONAL PURPOSES ONLY