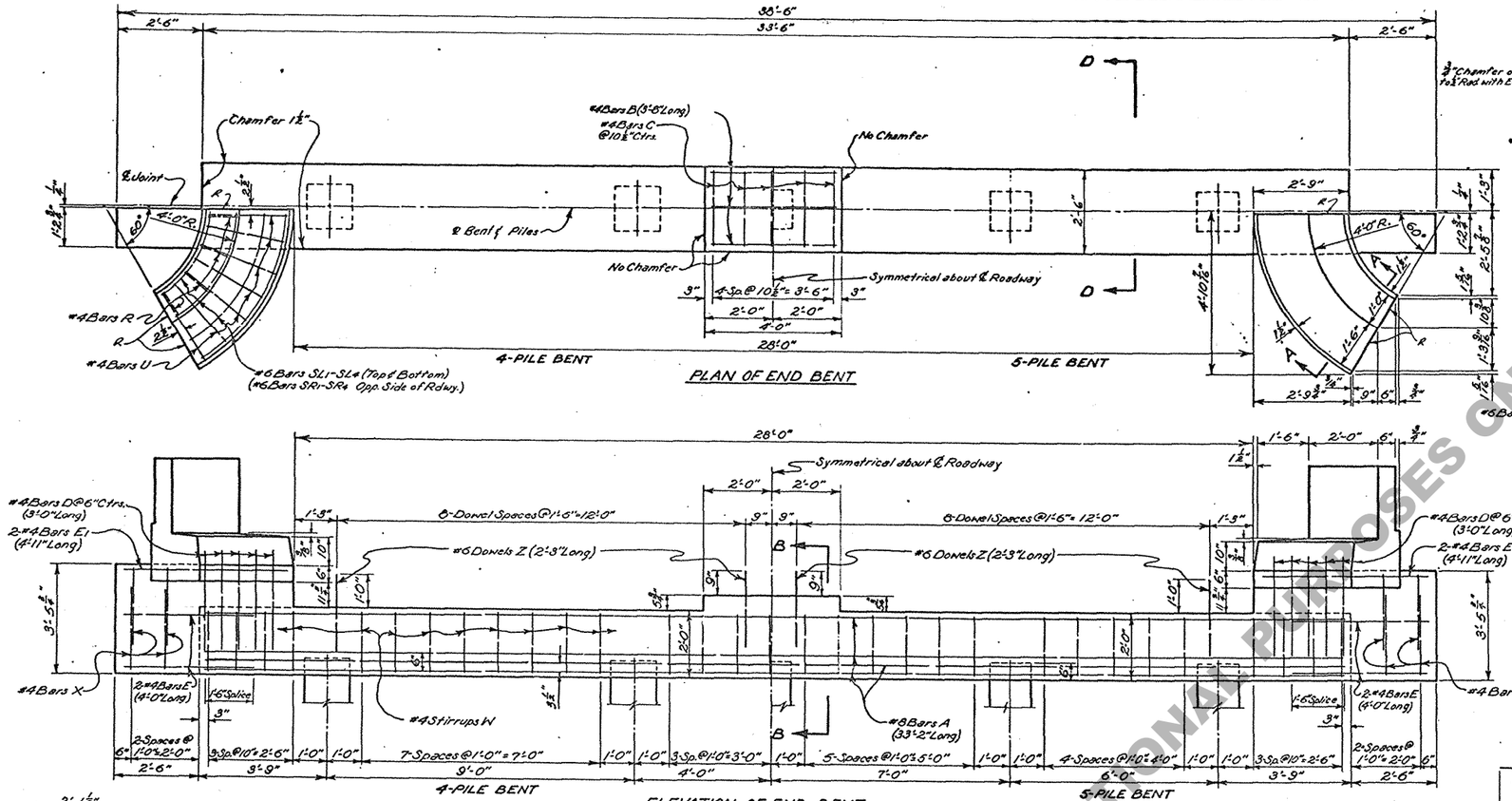
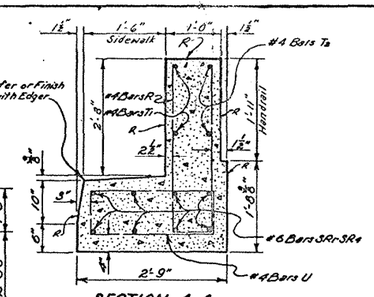
STATE PROJECT	PARISH	SHEET NO.

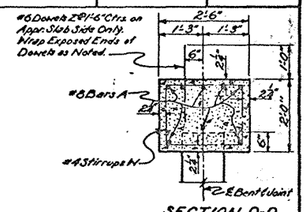


PLAN OF END BENT

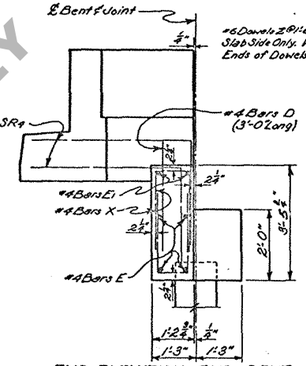
ELEVATION OF END BENT



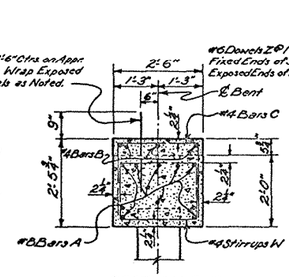
SECTION A-A



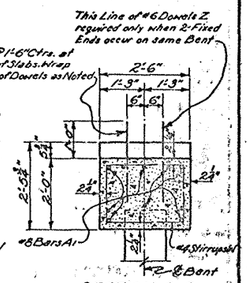
SECTION D-D



END ELEVATION - END BENT
(OPPOSITE END IS SIMILAR)

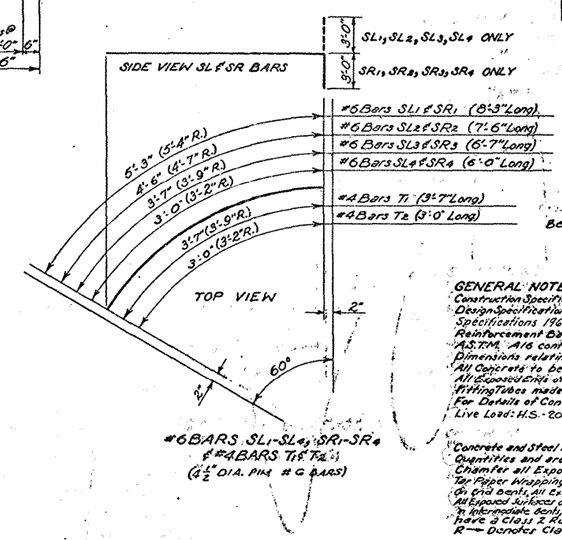


SECTION B-B

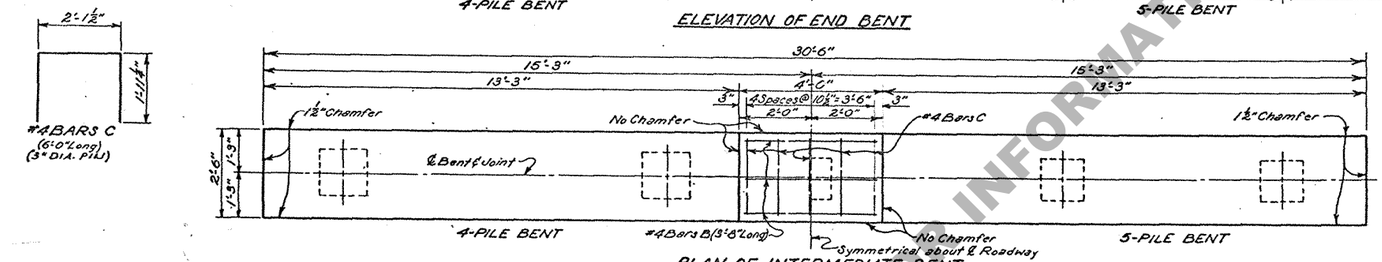


SECTION C-C

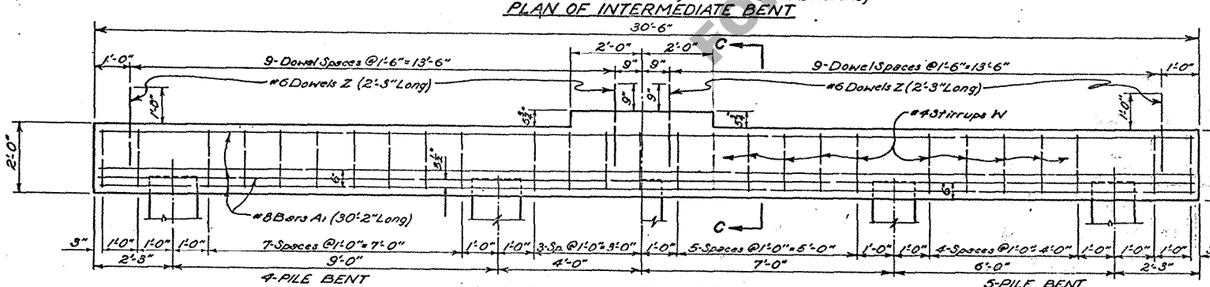
QUANTITIES AND PILE LOADS			
BENT TYPE	CLASS "A" CONCRETE* (CU. YDS.)	DEFORMED REINF. STEEL (LBS.)	AVERAGE PILE LOAD (TONS)#
4 Pile end bent #	8.10	1015	81
5 Pile end bent #	9.10	1150	81.0
4 Pile inter. bent	5.69	1038	81
5 Pile inter. bent	5.67	1042	81.0



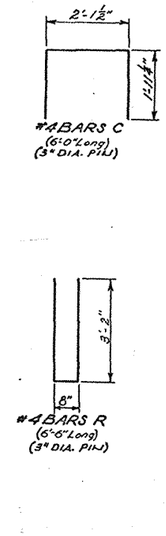
#6 BARS SL1-SL4, SR1-SR4
& #4 BARS T1 & T2
(3/4" DIA. PINS & C BARS)

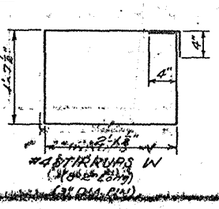


PLAN OF INTERMEDIATE BENT



ELEVATION OF INTERMEDIATE BENT





* Quantities computed assuming 8" Precast Cap for a 2-Pile Bent and 10" Precast Cap for a 5-Pile Bent.
\# To provide for future widening of Bridge, End Bents are designed for same load as Intermediate Bents.
● Add 65# of Reinforcing Steel (2-#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. Std. Specs. for Hwy. Bridges, 1961, as amended by Interim Specifications 1964.
Reinforcement Bars shall be Intermediate or Hard Grade, A.S.T.M. A15, or A.S.T.M. A160, or Cold 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 Tar Paper. Closed Fitting Tubes made of compressible material not less than 1½" thick may be substituted.
For Details of Concrete Piles see Standard Plan as shown on General Plan.
Live Load: H.S.-20-44.

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 Bent.
Chamfer all Exposed Corners ¾" unless otherwise Noted.
Tar Paper Wrappings to be included in price bid for Class "A" Concrete.
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 & Chamfers above the Top Mat. on Ground line to have a Class 2 Rubbed Finish.
R — Denotes Class 2 Rubbed Finish not otherwise Shown. BENTS

STANDARD PLAN
PRECAST CONCRETE PILE BENT
FOR 20'-0" CONCRETE SLAB SPANS
LIVE LOAD: H20-S16-44
28'-0" ROADWAY 1'-6" SIDEWALKS
DATED JUNE 28, 1962

REVISIONS	DATE	BY
23 Sheet Sep. Cap.		
15 Sp. on Pile		
Sep. Notes		
Sp. on Pile		
Sp. on Pile		

TO BE USED WITH STD. PLAN

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS
DESIGNED DETAILED CHECKED

FOR INFORMATIONAL PURPOSES ONLY