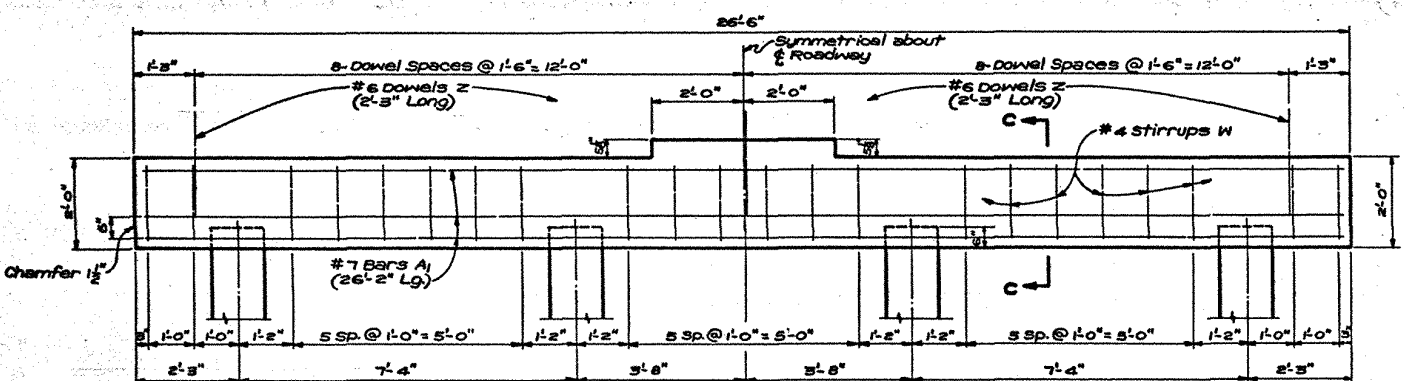
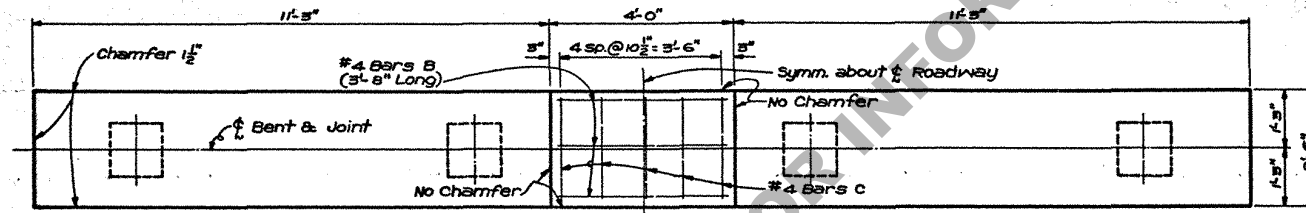
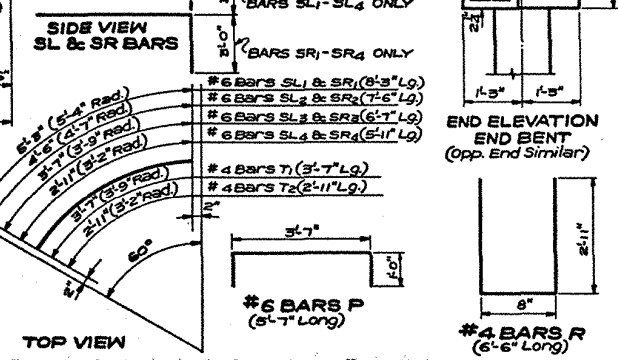
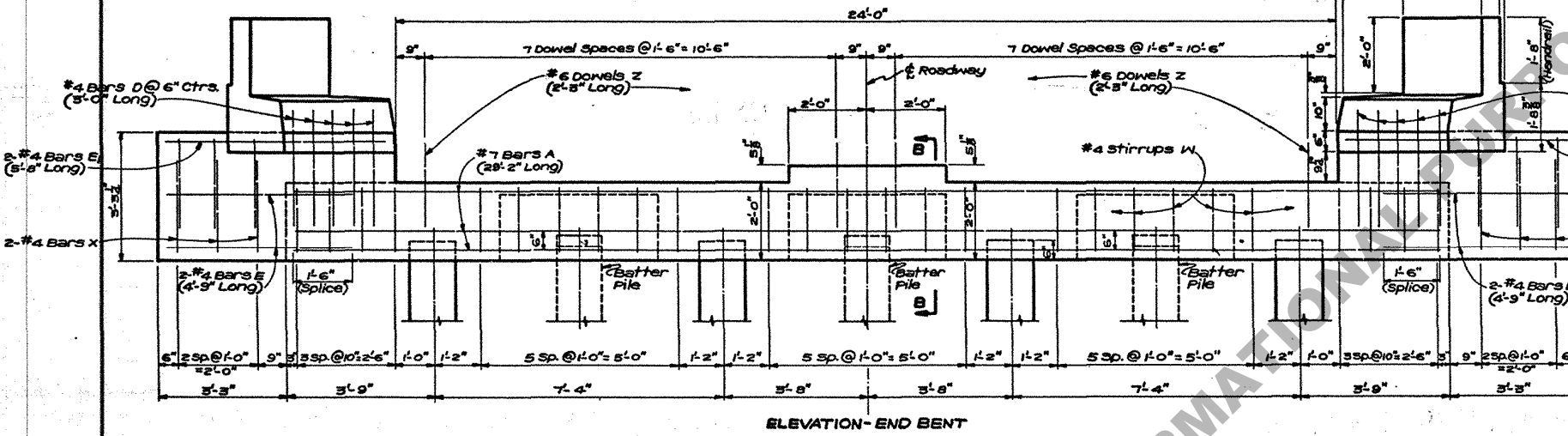
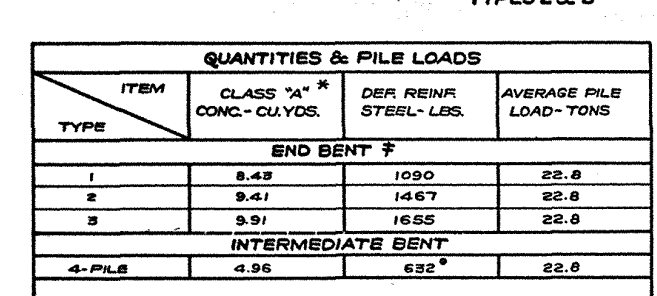
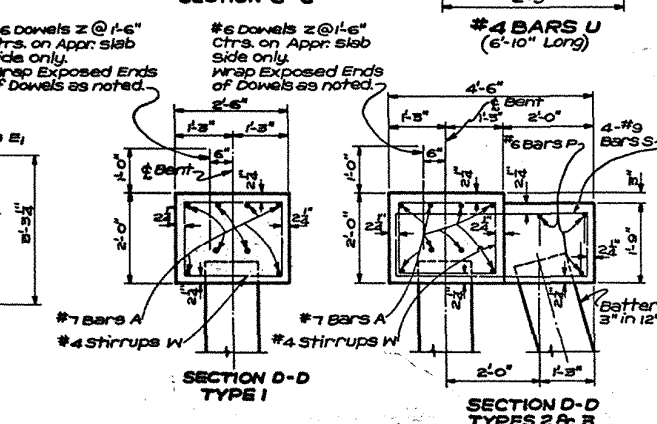
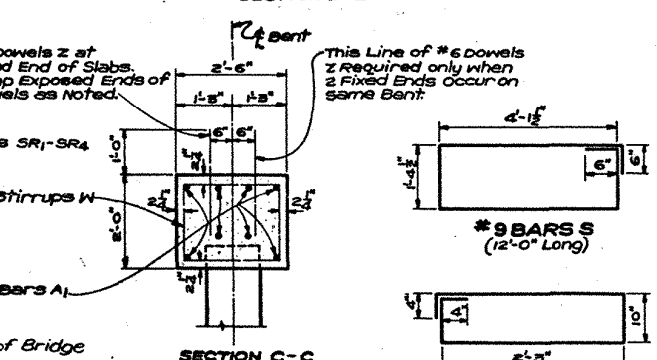
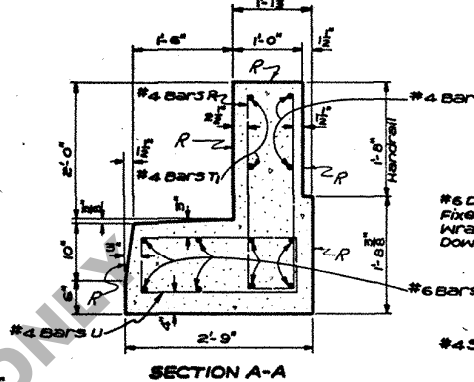
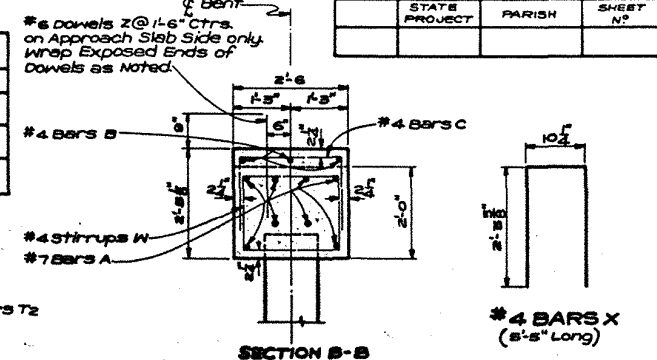
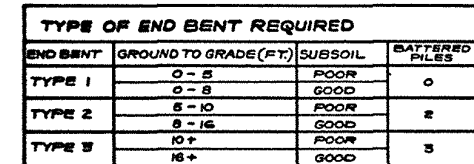
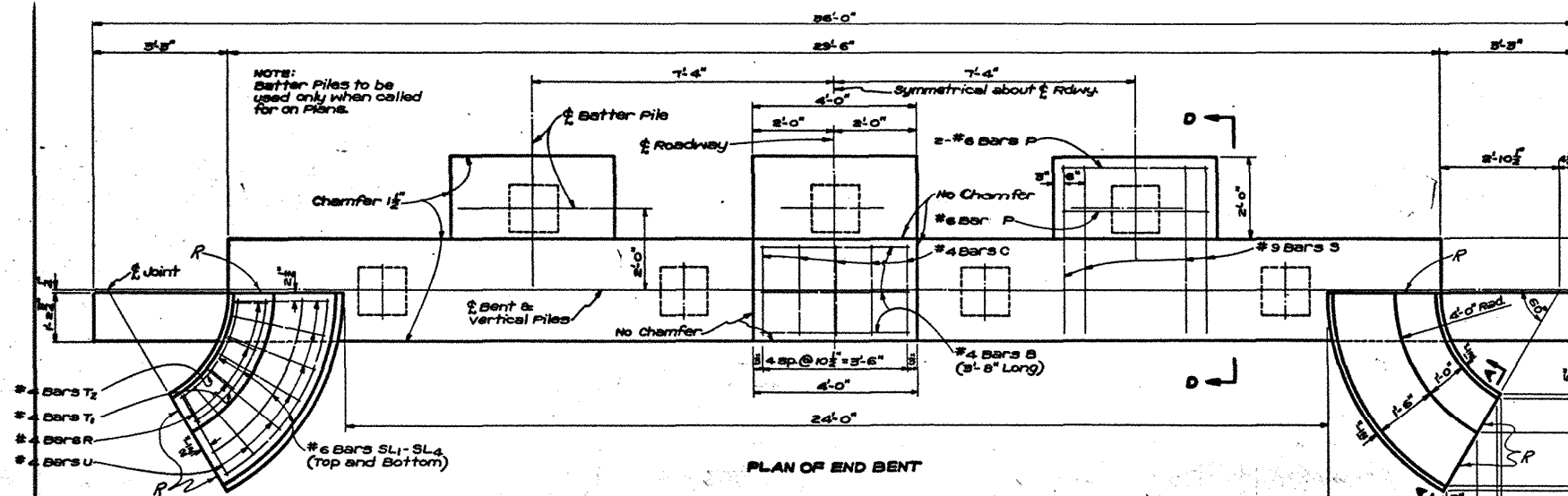




GENERAL NOTES:
Construction Specifications: Latest Approved Louisiana Department of Highways Standard Specifications
Design Specifications: A.A.S.H.O. 1953 as amended to Dec. 31, 1955.
Live Load: H-15-44.
Reinforcement Bars shall be Intermediate or Hard Grade A.S.T.M. A15 or Rail Steel, A.S.T.M. A16, conforming with A.S.T.M. A305.
Dimensions relating to Reinforcing Steel are to Bar Centers.
All Concrete to be Class "A".
All exposed Ends of #6 Dowels "z" to be wrapped with 2 Layers of 15# Tar Paper.
Close Fitting Tubes made of Compressible Material not less than $\frac{1}{4}$ " thick may be substituted.
For details of Concrete Piles see Standard as Shown on Gen. Plan.
Maximum Pile Load unless otherwise instructed by Bridge Design Engineer, is 150 tons per pile.
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 $\frac{3}{8}$ " 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 Class 2 Rubbed Finish.
On Intermediate Bents, All Vertical Surfaces and Chamfers above the low Water or Grade Line to have a Class 2 Rubbed Finish.
Piers, Abutment Piers, 2, Bunker 4, Finish and Otherwise Specify.

QUANTITIES & PILE LOADS			
ITEM TYPE	CLASS "A" * CONC.-CU.YDS.	DEF. REINF. STEEL- LBS.	AVERAGE PILE LOAD- TONS
END BENT ‡			
1	8.43	1090	22.8
2	9.41	1467	22.8
3	9.91	1655	22.8
INTERMEDIATE BENT			
4-PILE	4.96	632 *	22.8

- *quantities Computed on Basis of 14" Sq. Concrete Piles.
- †To provide for Future Extension of Bridge, End Bents are Designed for Same Load as Intermediate Bents.
- Add 57 # of Reinforcing Steel (17-#6 Dowels 2) when 2 Fixed Ends occur on an Intermediate Bent.

Discarded
See New Bc5515C-90-247
6/26/62

STANDARD PLAN
PRECAST CONCRETE PILE BENT

FOR 20'-0" CONCRETE SLAB SPANS
LIVE LOAD HI 5-44

24-0 ROADWAY 1-6 SIDEWALKS

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED	DETAILED <i>Randales</i>	TRACED <i>A. A.</i>
CHECKED	CHECKED <i>V. Hampton</i>	CHECKED <i>Law</i>

BRIDGE DESIGN SECTION

BCFS15C-90-24F