

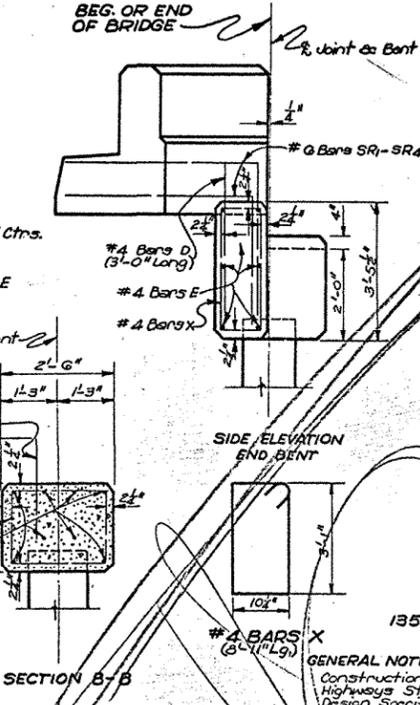
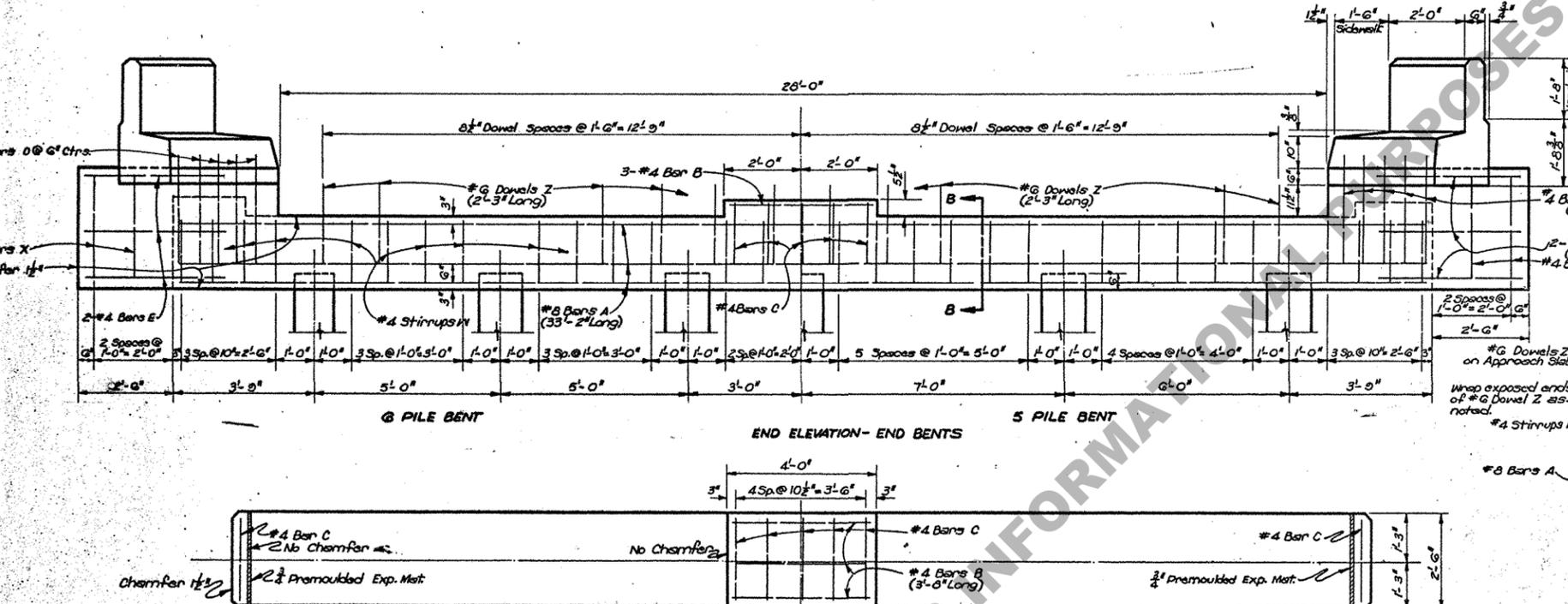
PLAN OF END BENT SHOWING STEEL IN BRIDGE END FLARE

SECTION A-A

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

QUANTITIES and PILE LOADS			
TYPE	CLASS "A" * CONC.-CU. YDS.	DEF. REINF. STEEL - LBS.	AVE. PILE LOADS-TONS
END BENT #			
5 Pile	9.06	1341	28.8
6 Pile	9.07	1335	24.0
INTERMEDIATE BENT			
5 Pile	5.67	896 @	28.8
6 Pile	5.69	891 @	24.0

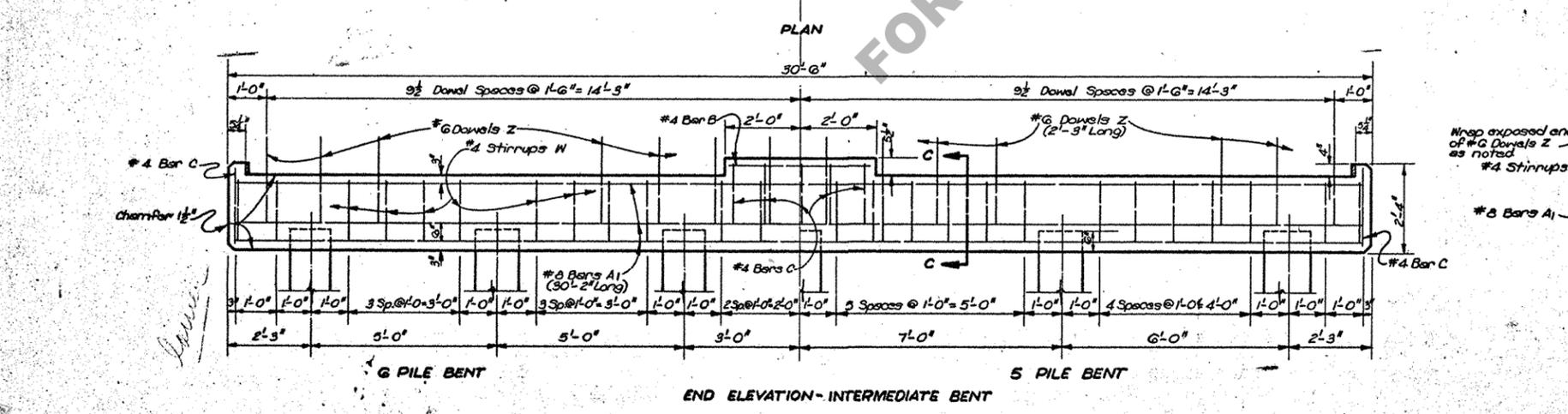
* Quantities for 5 Pile Bent computed on basis of 10" Sq. Conc. Pile and for 6 Pile Bent on basis of 14" Sq. Conc. Pile.
 † Allowance for future extension of Bridge End Bent are designed for same load as Intermediate Bents.
 ‡ Add 60# of Reinf. Steel (20# #6 Dowels Z) when 2 Fixed Ends occur on Intermediate Bent.



END ELEVATION-END BENTS

SECTION B-B

SECTION C-C



6 PILE BENT

5 PILE BENT

END ELEVATION-INTERMEDIATE BENT

GENERAL NOTES:
 Construction Specifications: Latest approved Louisiana Department of Highways Standard Specifications.
 Design Specifications: A.A. 514.0, Standard Specifications for Highway Bridges (1949) as amended to Dec. 1950.
 Live Load: H20-S16/44.
 Reinforcement bars shall be intermediate or hard grade, A.S.T.M. A-15 or rail steel, A.S.T.M. A-16.
 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 (Tubs made of compressible material not less than 1/4" thick may be substituted).
 For details of concrete piles see Std. Plan C-S-142.
 Maximum Pile loads unless otherwise instructed by Bridge Design Section: 14" R/C Piles = 23 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.
 Expansion Material, Tar Paper, and wrappings to be included in price bid for Class "A" Concrete.
 Chamfer corners unless otherwise noted.

STANDARD PLAN
 REINFORCED CONCRETE PILE BENTS
 FOR 25' CONCRETE SLAB SPANS
 28'-0" CLEAR ROADWAY- 1'-6" SIDEWALKS
 To Be Used With Std. Plan C-S-12-20

DATED... 02.13.1957

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

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CHECKED <i>H. Johnson</i>	CHECKED <i>H. Johnson</i>	CHECKED <i>H. Johnson</i>

BRIDGE DESIGN SECTION

DATE	DESCRIPTION	BY