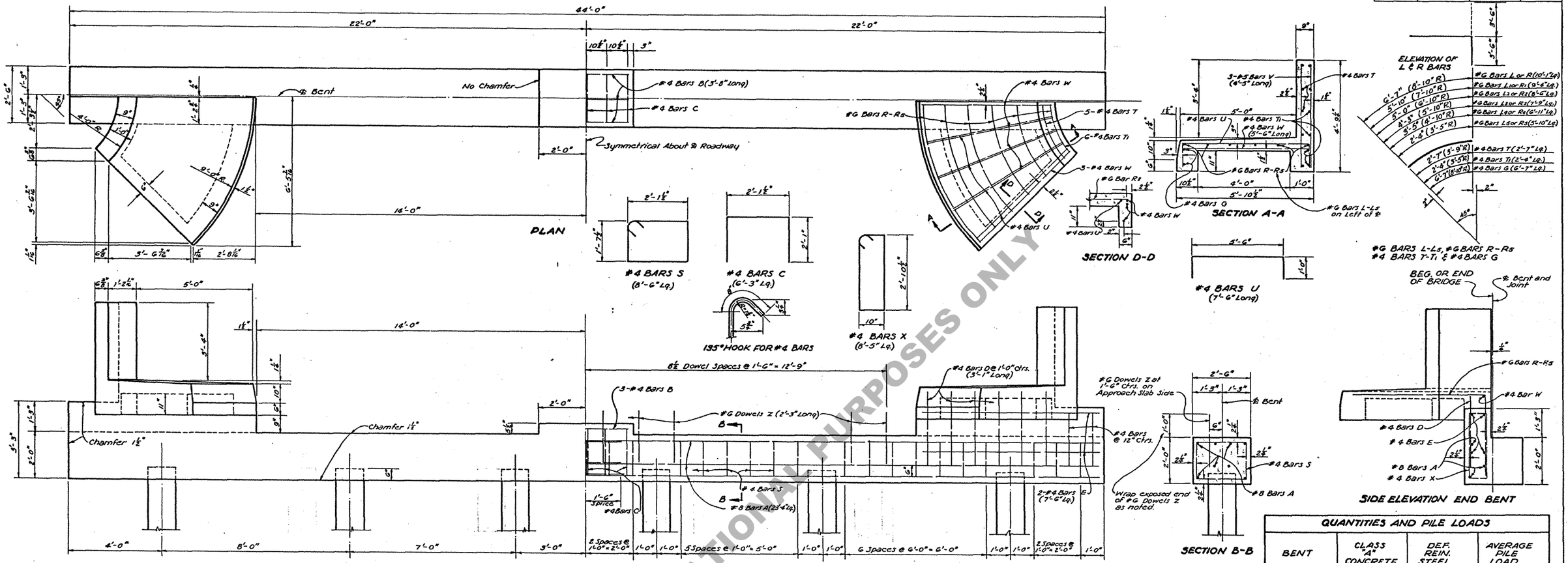


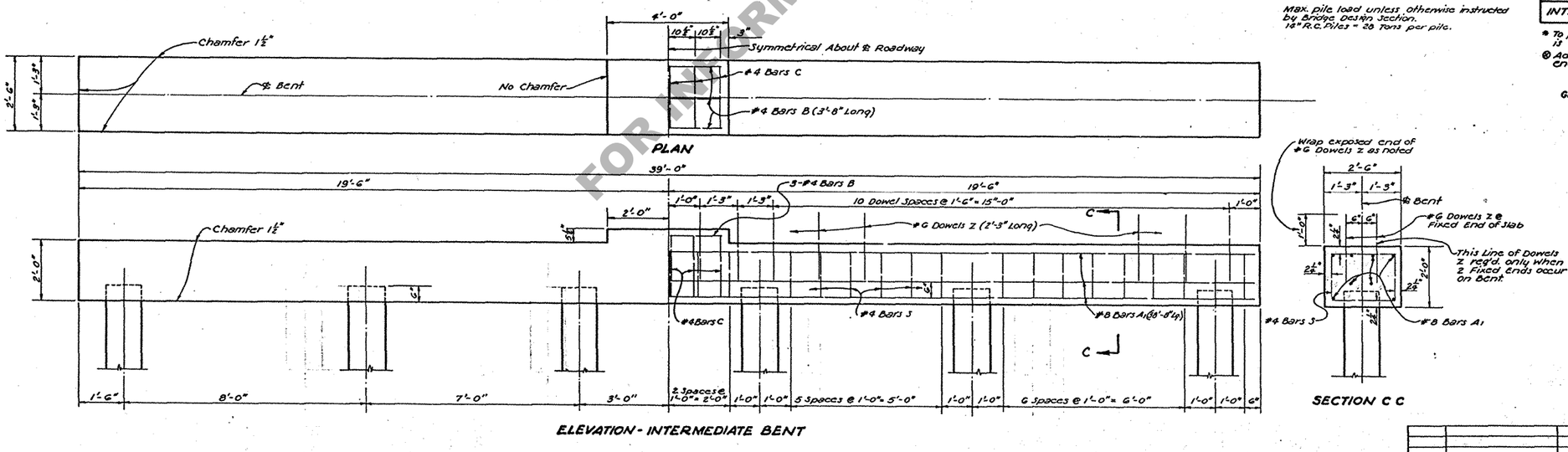

| QUANTITIES AND PILE LOADS | | | |
|---|---|---|---|
| BENT | CLASS "A" CONCRETE | DEF. REIN. STEEL | AVERAGE PILE LOAD |
| TYPE | CU. YDS. | LBS. | TONS PER PILE |
| END | 11.30 | 1729 | 24.8* |
| INTERMEDIATE | 7.24 | 1130 ⊗ | 24.8 |

* To provide for future extension of Bridge the end Bent is designed for same pile loads as intermediate Bents.

⊗ Add 88 Lbs. Rein. steel (26-#G Dowels Z) when two fixed ends occur on an intermediate Bent.

NOTE:

Max. pile load unless otherwise instructed by Bridge Design Section.
18" R.C. Piles = 28 Tons per pile.




GENERAL NOTES:

CONSTRUCTION SPECIFICATIONS: Latest approved La. Dept. of Highways Std. Specs.
DESIGN SPECS.: A.A.S.H.O. Std. Spec. for Highway Bridges, 1953.
LIVE LOAD: H20-S16-44
Reinforcement Bars shall be intermediate or hard grade, A.S.T.M. A15 or rail steel, A.S.T.M. A16.
Dimensions relating to reinforcing steel are to bar centers.
All exposed ends of #G dowels ½" to be wrapped with 2 layers of 15# tar paper. Close fitting tubes made of compressible material, not less than ⅛" thick may be substituted. This material to be included in price bid for Class "A" concrete.
For details of concrete piles see Std. Plan C-S-149.
Chamfer corners ¾" unless otherwise noted.
Concrete and Rein. Steel in sidewalk curb, flare and Handrail Flare are included in bent quantities and are to be paid for as part of bent.

STANDARD PLAN
REINFORCED CONCRETE PILE BENTS
28'-0" CLEAR ROADWAY 2-5'-0" SIDEWALKS
TO BE USED WITH STD. PLAN C-F-S-13-20

DATED NOV. 1953

| DATE | DESCRIPTION | BY |
|---|---|---|
| REVISIONS | | |

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS
BRIDGE DESIGN SECTION

DESIGNED Nason | DETAILED Nason | TRACED E. A. Schinger
CHECKED R. Robinson | CHECKED R. Robinson | CHECKED R. Robinson

C.S. 73-20

FOR INFORMATIONAL PURPOSES ONLY