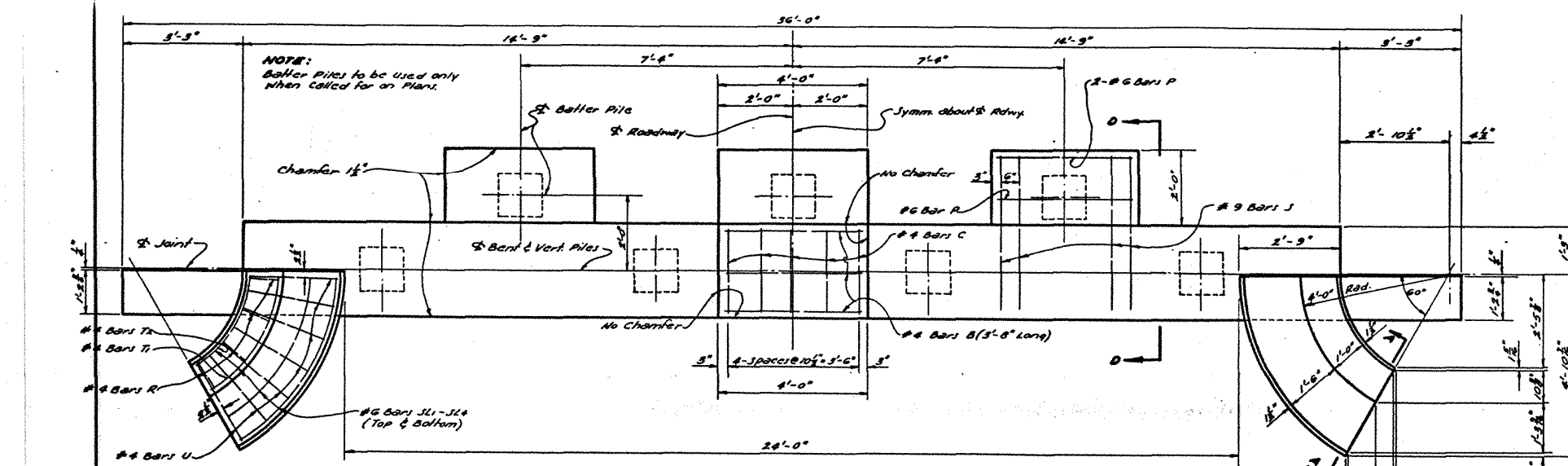
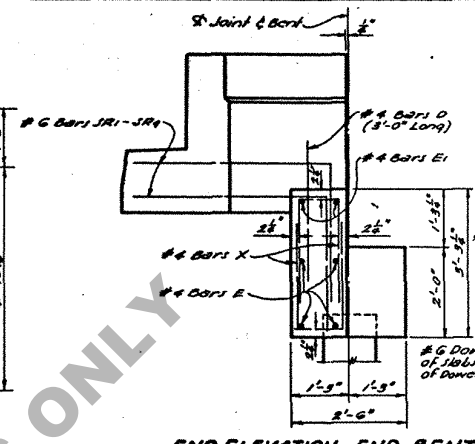


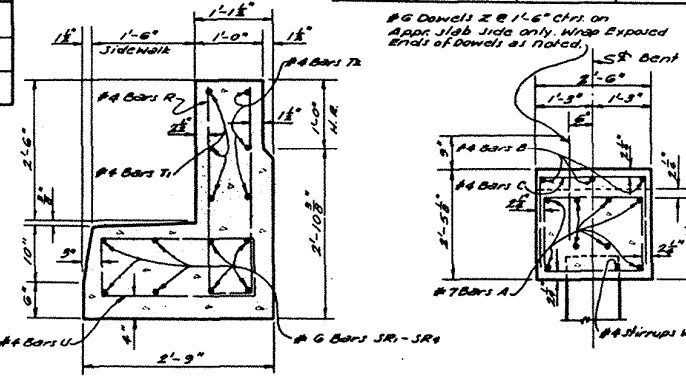
| TYPE OF END BENT REQUIRED |                      |         |               |
|---------------------------|----------------------|---------|---------------|
| END BENT                  | GROUND TO GRADE (FT) | SUBSOIL | EXPOSED PILES |
| TYPE 1                    | 0-5                  | POOR    | 0             |
| TYPE 2                    | 5-10                 | POOR    | 2             |
| TYPE 3                    | 10+                  | POOR    | 3             |



PLAN OF END BENT

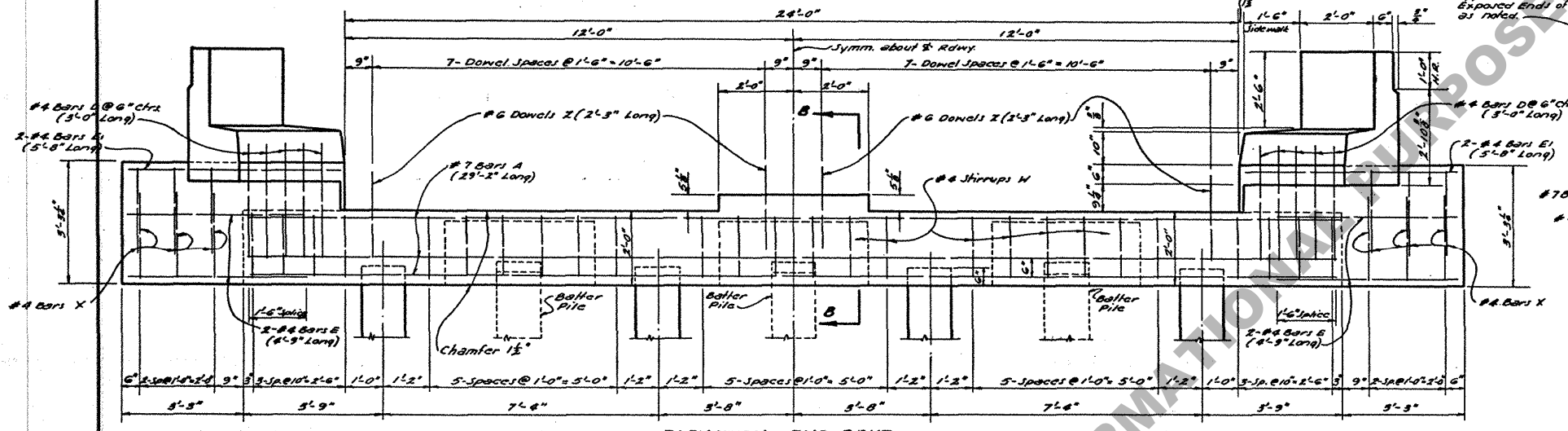


END ELEVATION-END BENT (OPPOSITE END SIMILAR)

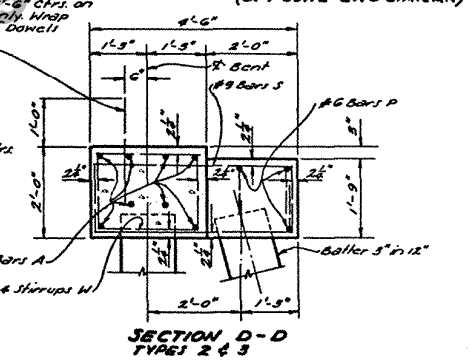


SECTION A-A

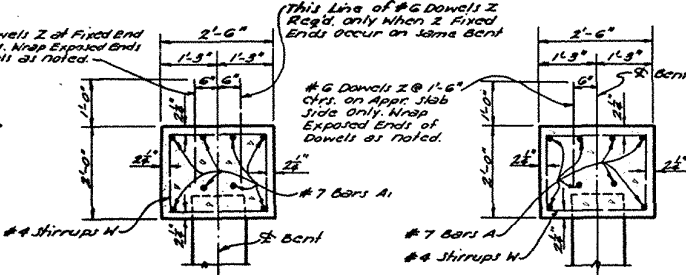
SECTION B-B



ELEVATION-END BENT



SECTION D-D TYPES 2 & 3

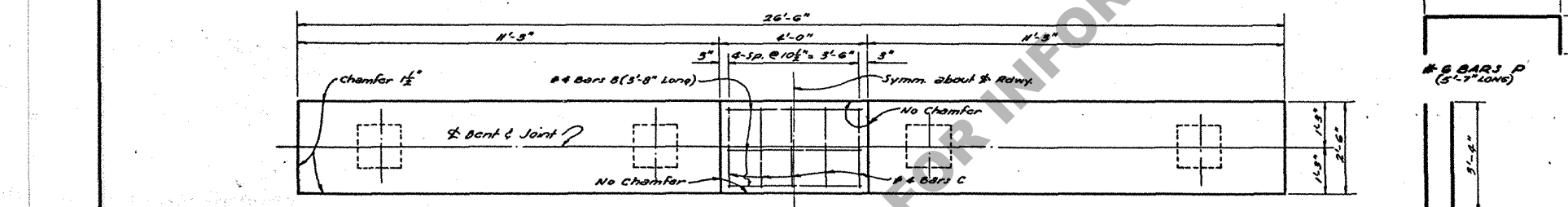


SECTION C-C

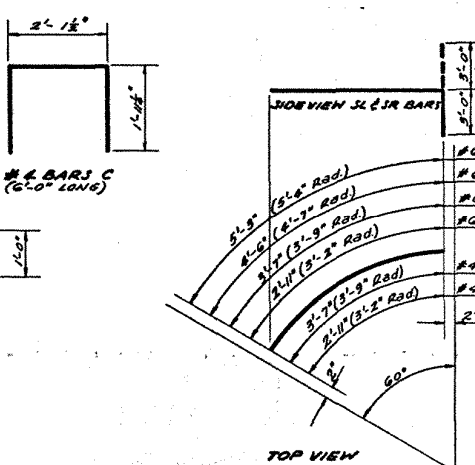
SECTION D-D TYPE 1

| QUANTITIES & PILE LOADS |                          |                          |                          |
|-------------------------|--------------------------|--------------------------|--------------------------|
| ITEM                    | CLASS "A" CONC. CU. YDS. | DEP. REINF. STEEL - LBS. | AVERAGE PILE LOAD - TONS |
| 1                       | 8.59                     | 1103                     | 23.1                     |
| 2                       | 9.57                     | 1480                     | 23.1                     |
| 3                       | 10.07                    | 1668                     | 23.1                     |
| INTERMEDIATE BENT       |                          |                          |                          |
| 4 - PILE                | 4.96                     | 632                      | 23.1                     |

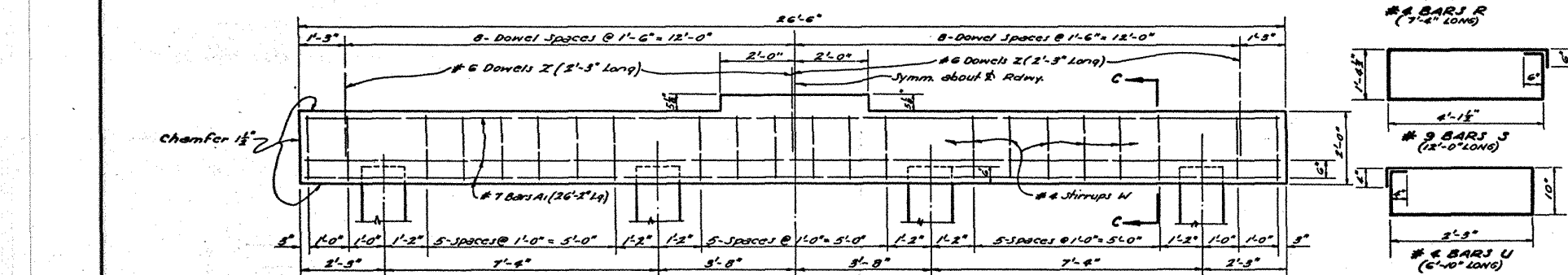
\* Quantities Computed on Basis of 14" Sq. R.C. Piles.  
 \* To Provide for Future Extension of Bridge, End Bents are Designed for Same Load as Intermediate Bents.  
 \* Add 57# of Reinforcing Steel (17# 6 DOWELS Z) WHEN 2 Fixed Ends Occur on an Intermediate Bent.



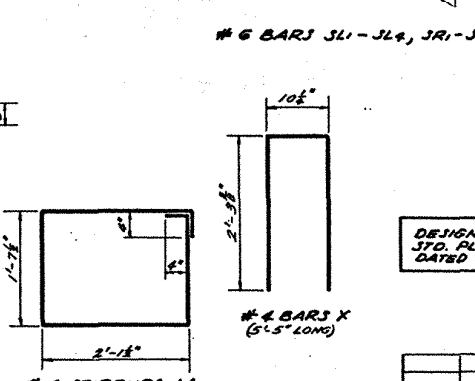
PLAN-INTERMEDIATE BENT



TOP VIEW



ELEVATION-INTERMEDIATE BENT



SECTION E-E

GENERAL NOTES:  
 CONSTRUCTION SPECIFICATIONS: Latest Approved La. Dept. of Highways Standard Specifications.  
 DESIGN SPECIFICATIONS: A.A.S.H.O. 1953 as Amended to Dec. 31, 1955.  
 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# For Paper.  
 Date Filling Pipes made of Compressible Material not less than 1/2" thick may be substituted.  
 For Details of Concrete Piles See Standard Plan as Shown on General Plan.  
 Maximum Pile Load unless otherwise instructed by Bridge Design Section, 40# R.C. Piles = 20 Tons per pile.  
 Conc. and Steel in Sidewalk Curb Bars and Handrail Flare are included in Bent Cap Quantities and are to be paid for as part of Bent.  
 Chamfer all exposed corners 1/2" unless otherwise noted.  
 For paper Workings to be included in Price Bid for Class "A" Concrete.

DESIGN TAKEN FROM  
 STD. PLAN C3-206-15  
 DATED JULY, 1956

STANDARD PLAN  
 PRECAST CONCRETE PILE BENTS  
 FOR 20'-0" CONCRETE SLAB SPANS  
 LIVE LOAD: H15-44  
 24'-0" ROADWAY 1'-6" SIDEWALKS  
 DATED 1956

| STATE OF LOUISIANA<br>DEPARTMENT OF HIGHWAYS |         |
|----------------------------------------------|---------|
| DESIGNED                                     | TRACED  |
| CHECKED                                      | CHECKED |
| BRIDGE DESIGN SECTION                        |         |