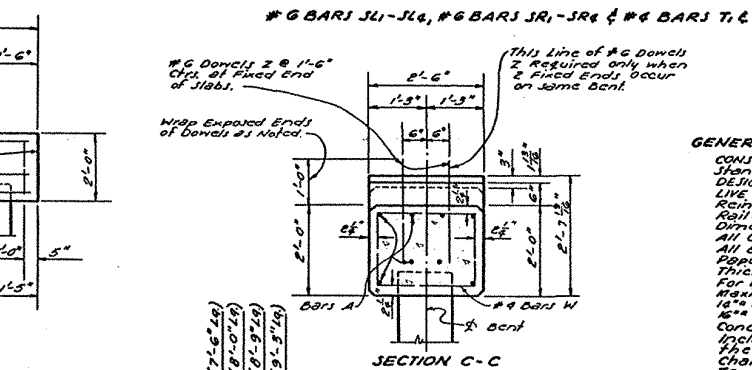
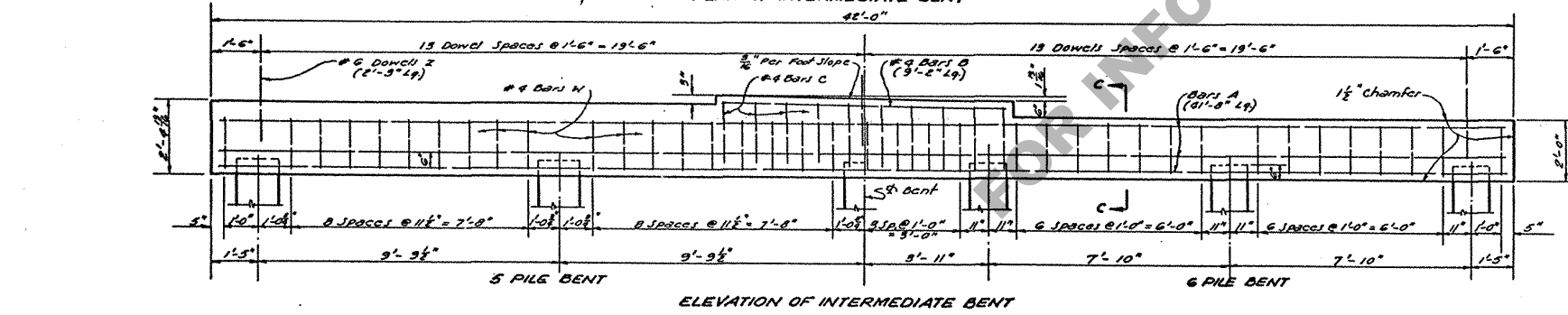
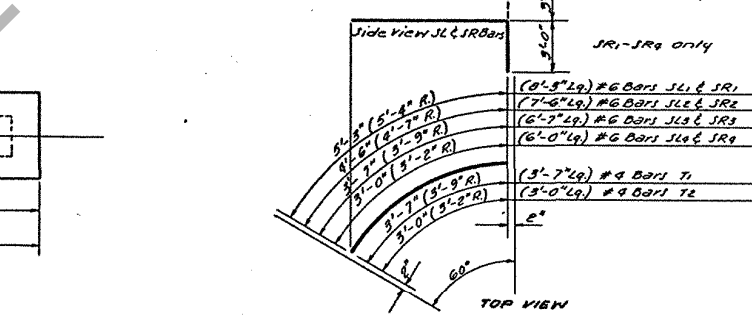
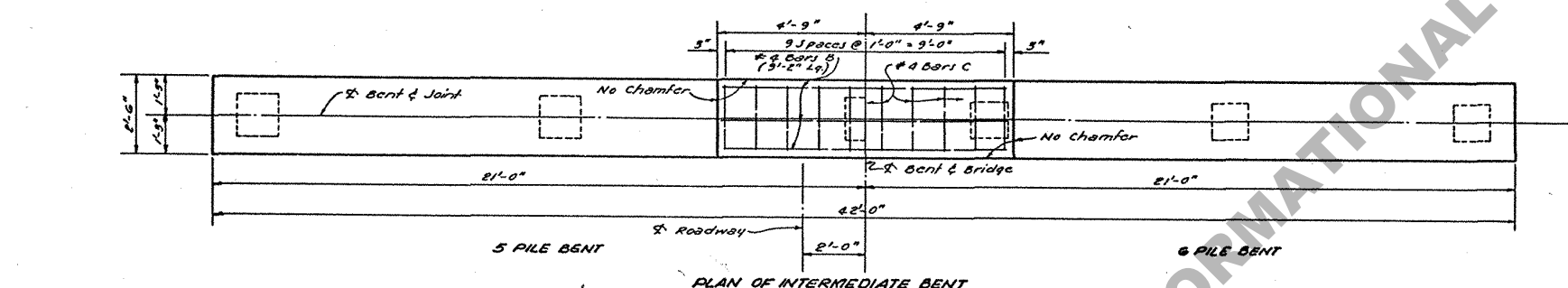
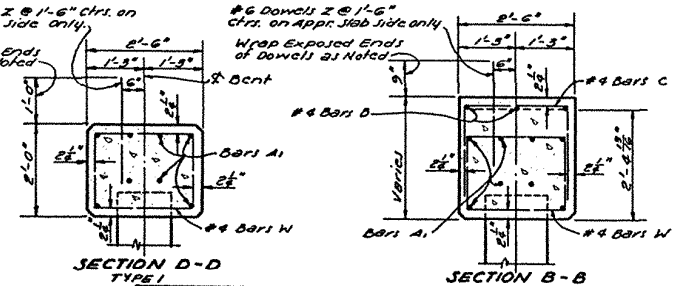
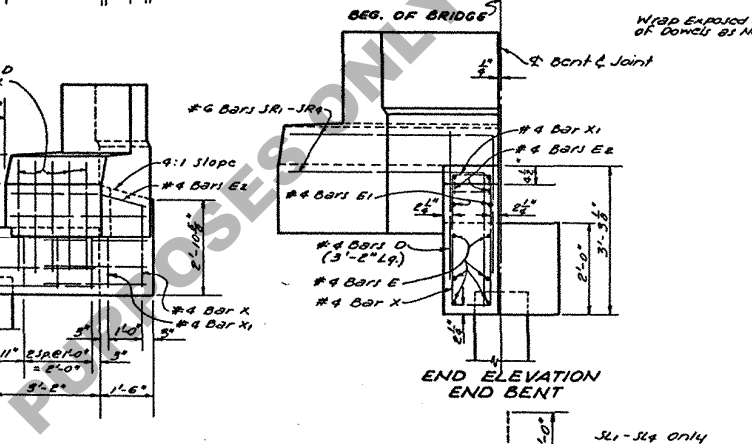
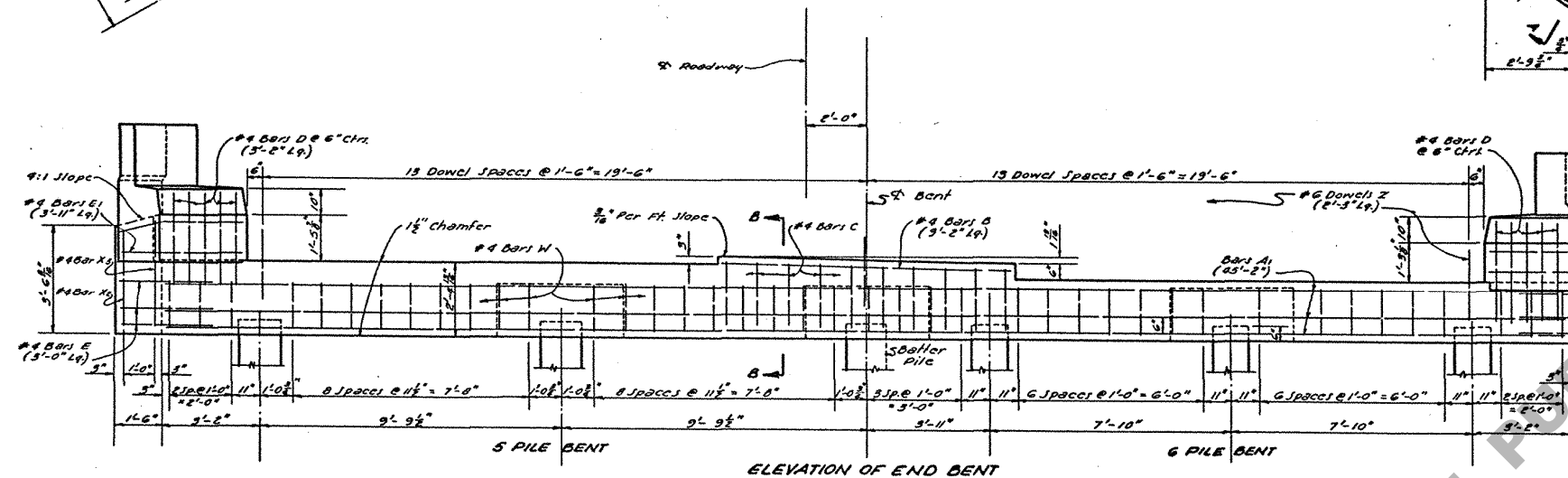
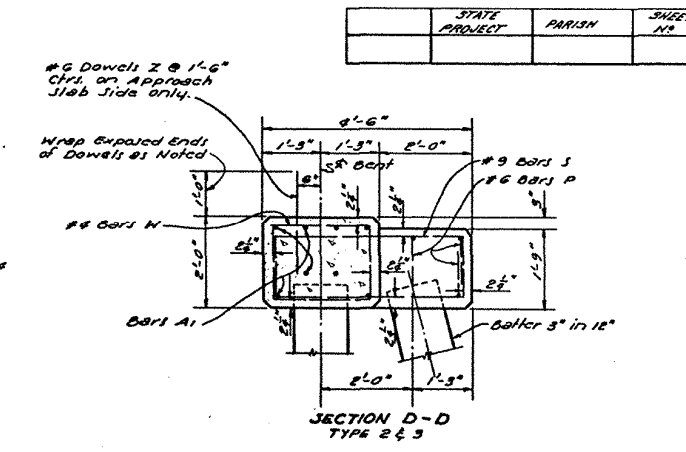
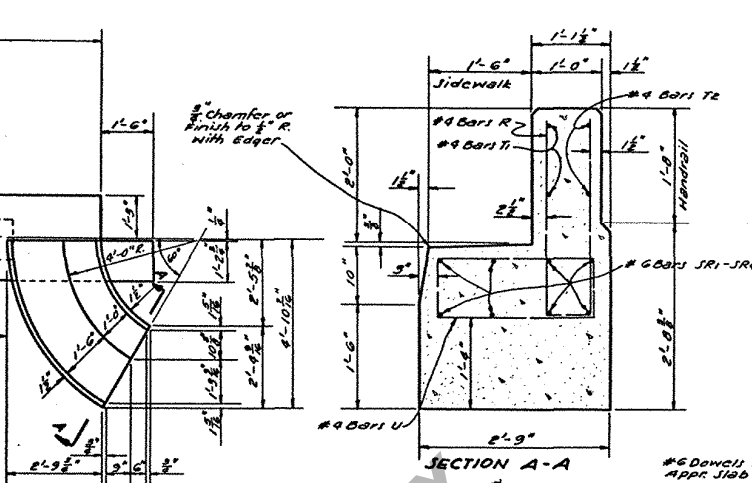
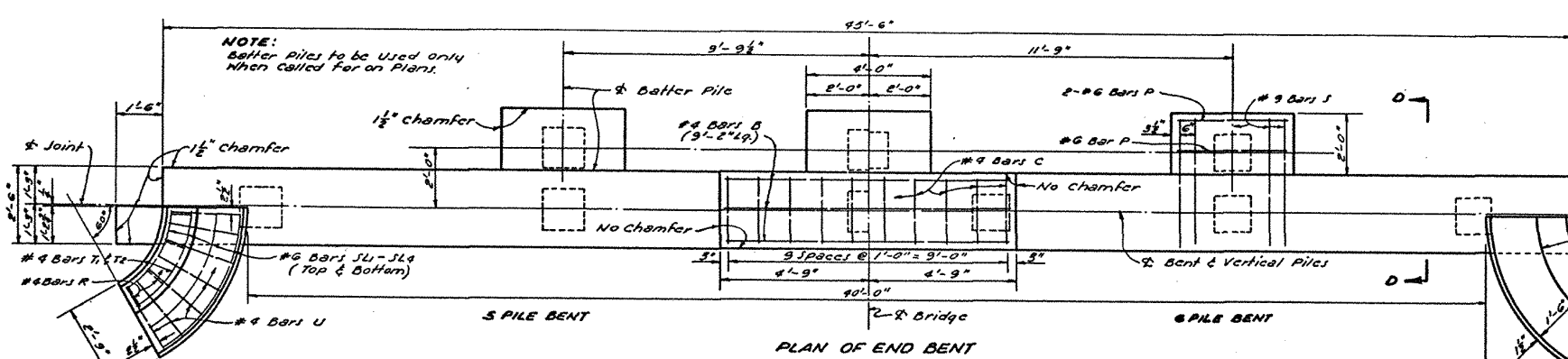
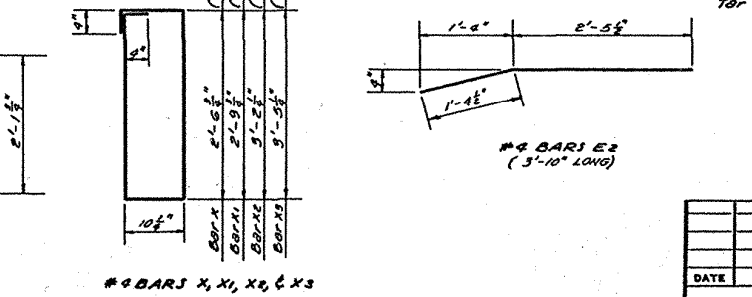
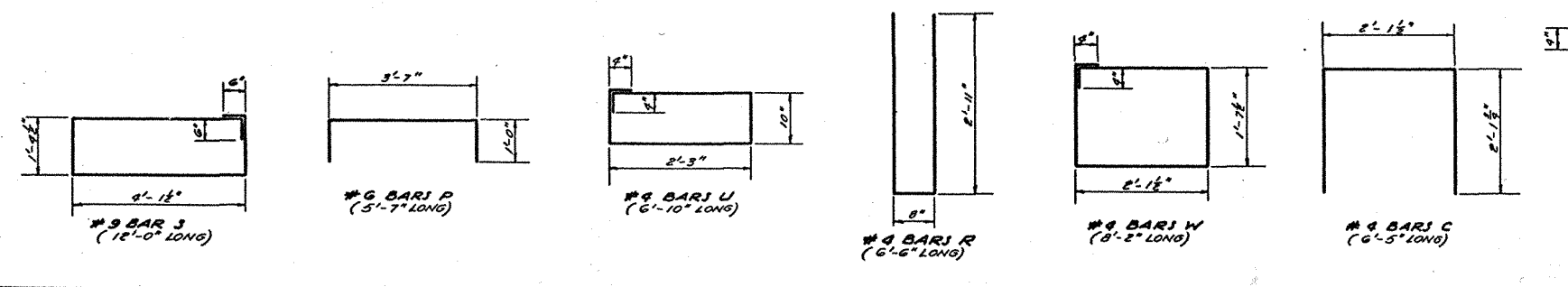




| END BENT | GROUND TO GRADE (FEET) | SUBSOIL | BATTERED PILE |
|----------|------------------------|---------|---------------|
| TYPE 1   | 0-5                    | POOR    | 0             |
|          | 5-10                   | GOOD    | 0             |
| TYPE 2   | 10-15                  | POOR    | 2             |
|          | 15-20                  | GOOD    | 2             |
| TYPE 3   | 20-25                  | POOR    | 3             |
|          | 25-30                  | GOOD    | 3             |

| ITEM                     | SIZE OF BARS | CLASS "A" CONCRETE (CU. YDS.) | DEFORMED REINSTEEL (LBS.) | AVERAGE PILE LOAD (TONS) |
|--------------------------|--------------|-------------------------------|---------------------------|--------------------------|
| <b>5 PILE END BENT*</b>  |              |                               |                           |                          |
| 1                        | #9           | 12.50                         | 1985                      | 30.3                     |
| 2                        | #8           | 13.47                         | 2362                      | 30.3                     |
| 3                        | #9           | 13.96                         | 2550                      | 30.3                     |
| <b>6 PILE END BENT*</b>  |              |                               |                           |                          |
| 1                        | #8           | 12.51                         | 1715                      | 25.3                     |
| 2                        | #8           | 13.50                         | 2092                      | 25.3                     |
| 3                        | #8           | 13.99                         | 2261                      | 25.3                     |
| <b>INTERMEDIATE BENT</b> |              |                               |                           |                          |
| 5 PILE                   | #9           | 8.72                          | 1493                      | 30.3                     |
| 6 PILE                   | #8           | 8.79                          | 1249                      | 25.3                     |



**GENERAL NOTES:**

CONSTRUCTION SPECIFICATIONS: Latest Approved Louisiana Dept. of Highways Standard Specification.

DESIGN SPECIFICATIONS: A.S.T.M. 1953 as Amended to Dec. 31, 1955.

LIVE LOAD: HS-20-44.

Reinforcement Bars shall be Intermediate or Hard Grade, A.S.T.M. A-15 or Rail Steel, A.S.T.M. A-13, conforming with A.S.T.M. A-305.

Dimensions Relating to Reinforcing Steel are to Bar Centers.

All concrete to be Class "A".

All exposed ends of #6 Dowels "x" to be wrapped with 2 layers of 15# Tor Paper close fitting, unless otherwise instructed by Bridge Design Section.

For details of Concrete Piles see Standard Plan C.S. 143.

Maximum Pile Load, unless otherwise instructed by Bridge Design Section: 16" RC Piles = 28 Tons per Pile.

Concrete and Steel JOINTS, CURB FLARE and HANDRAIL FLARE are included in Bent Cap Quantities and are to be paid for as part of the Bent.

Chamfer all exposed corners 1/2" unless otherwise noted.

Tor Paper and Wrappings to be included in Price Bid for class "A" concrete.

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