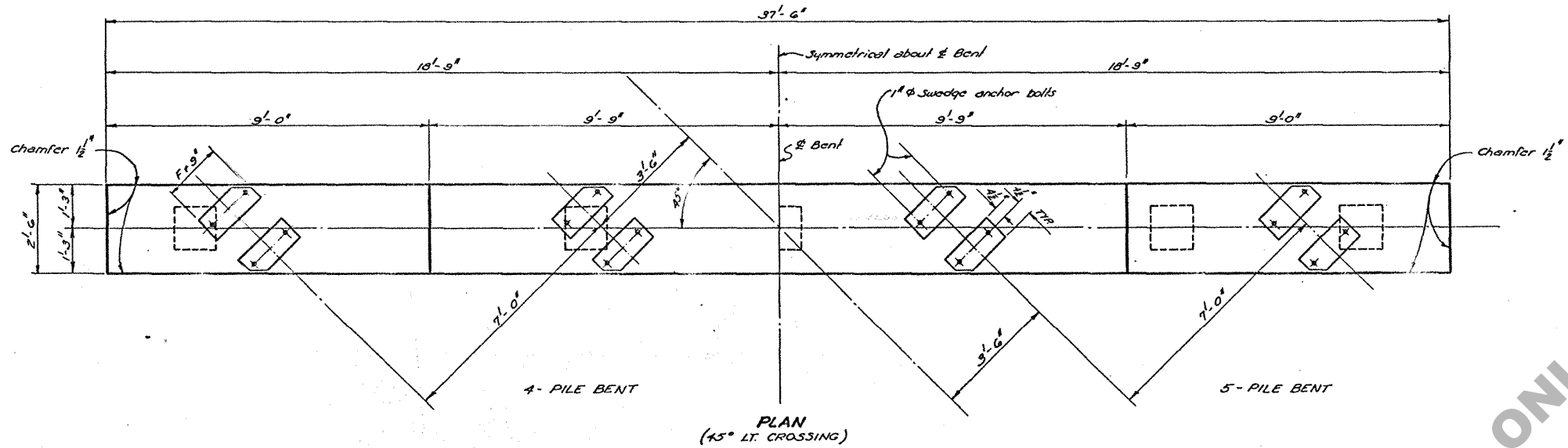
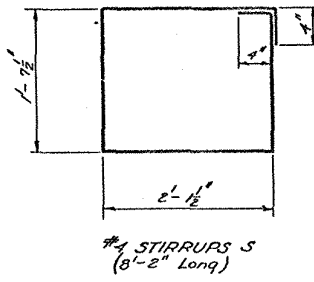
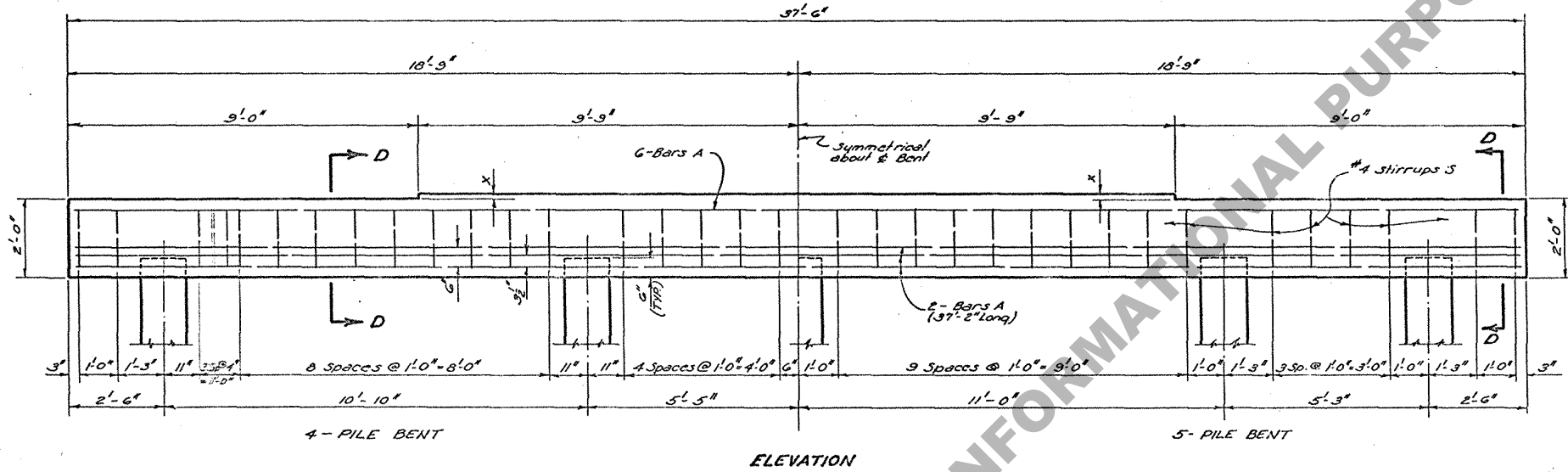
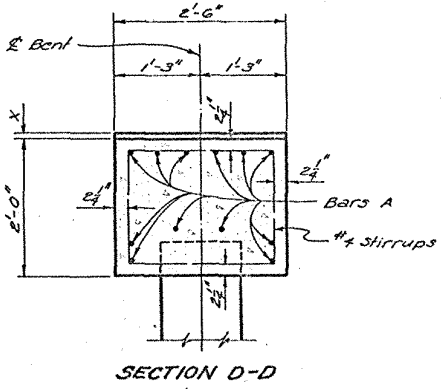
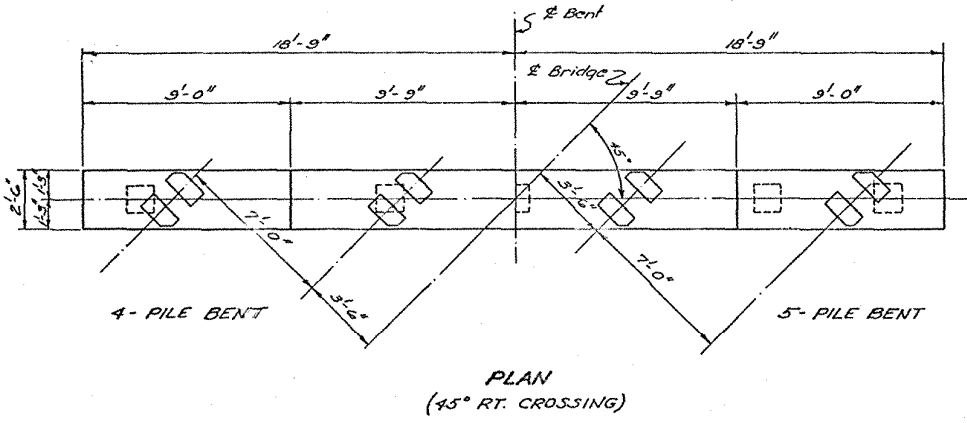




| INTERMEDIATE BENTS QUANTITIES - DIMENSIONS - PILE LOADS |             |                         |                       |                                     |                              |                         |                       |                                     |                              |              |
|---------------------------------------------------------|-------------|-------------------------|-----------------------|-------------------------------------|------------------------------|-------------------------|-----------------------|-------------------------------------|------------------------------|--------------|
| SPAN<br>FEET                                            | DIM.<br>IN. | 4 - PILES               |                       |                                     |                              | 5 - PILES               |                       |                                     |                              | SPAN<br>FEET |
|                                                         |             | SIZE<br>OF<br>A<br>BARS | CLASS<br>"A"<br>CONC. | DEF.<br>REINF.<br>STEEL<br>CU. YDS. | Avg.<br>PILE<br>LOAD<br>TONS | SIZE<br>OF<br>A<br>BARS | CLASS<br>"A"<br>CONC. | DEF.<br>REINF.<br>STEEL<br>CU. YDS. | Avg.<br>PILE<br>LOAD<br>TONS |              |
| 20                                                      | 1 1/2       | #7                      | 7.07                  | 1119                                | 19.1                         | #7                      | 7.04                  | 1087                                | 15.2                         | 20           |
| 25                                                      | 1 1/2       | #7                      | 7.07                  | 1119                                | 21.7                         | #7                      | 7.04                  | 1087                                | 17.4                         | 25           |
| 30                                                      | 1 1/2       | #7                      | 7.05                  | 1119                                | 24.5                         | #8                      | 7.03                  | 1366                                | 19.6                         | 30           |
| 35                                                      | 1 1/2       | #7                      | 7.03                  | 1119                                | 27.2                         | #8                      | 7.01                  | 1366                                | 21.8                         | 35           |
| 40                                                      | 1 1/2       | #8                      | 7.05                  | 1338                                | 30.2                         | #9                      | 7.03                  | 1691                                | 24.1                         | 40           |
| 45                                                      | 1 1/2       | #9                      | 7.07                  | 1723                                | 33.0                         | #9                      | 7.04                  | 1691                                | 26.4                         | 45           |
| 50                                                      | 1 1/2       | #10                     | 7.03                  | 2126                                | 36.0                         | #9                      | 7.01                  | 1691                                | 28.8                         | 50           |



GENERAL NOTES:  
CONSTRUCTION SPECIFICATIONS: Latest Approved La. Dept. of Highways Std. Specs.  
DESIGN SPECIFICATIONS: A.A.S.H.O. 1957.  
Live Load: H15-44.  
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.  
All Dimensions to Reinforcing Steel are to bar centers.  
All Exposed Corners to be Chamfered 1/2" unless otherwise noted.  
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.  
Winqualls are Detailed for 36'-0" Crown.  
To Provide for Future Extension of Bridge the End Bent is designed for same Loads as Intermediate Bents.  
Quantities Computed assuming use of 14" Piles.



INTERMEDIATE BENTS

STANDARD PLAN  
PRECAST CONCRETE PILE BENTS  
FOR 20' TO 50' I-BEAM SPANS  
LIVE LOAD H15-44  
24'-0" ROADWAY 1'-6" SIDEWALKS  
DATED NOV. 25, 1958

STATE OF LOUISIANA  
DEPARTMENT OF HIGHWAYS

DESIGNED: [Signature] CHECKED: [Signature] TRACED: [Signature]  
CHECKED: [Signature] CHECKED: [Signature] CHECKED: [Signature]

BRIDGE DESIGN SECTION

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