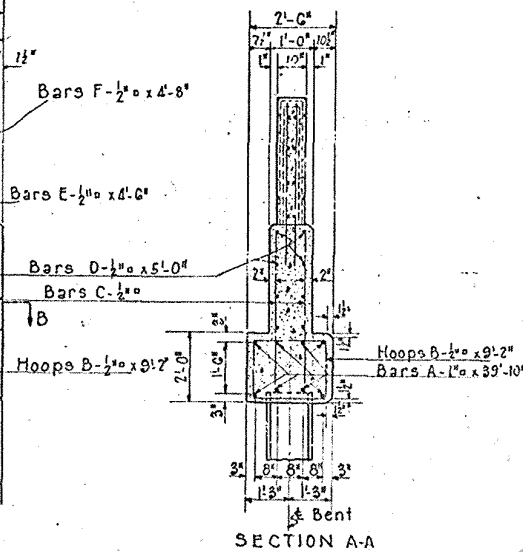
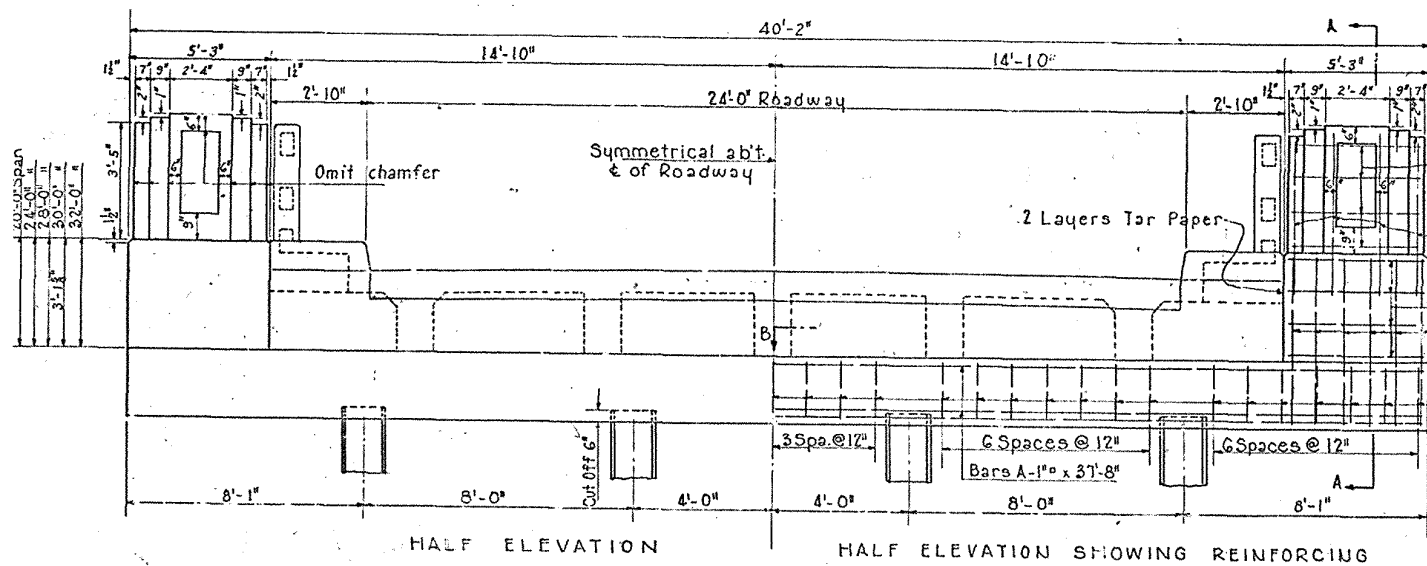
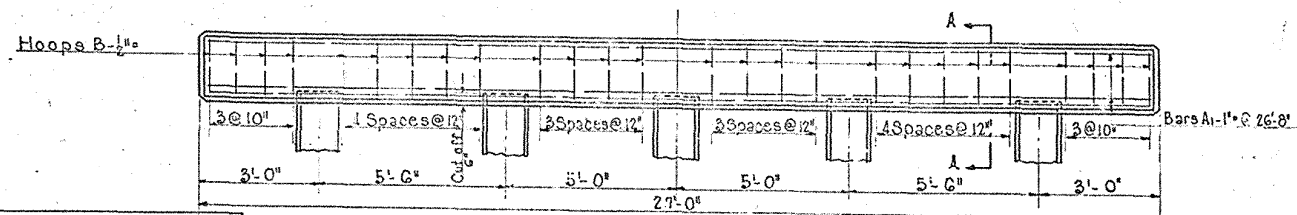
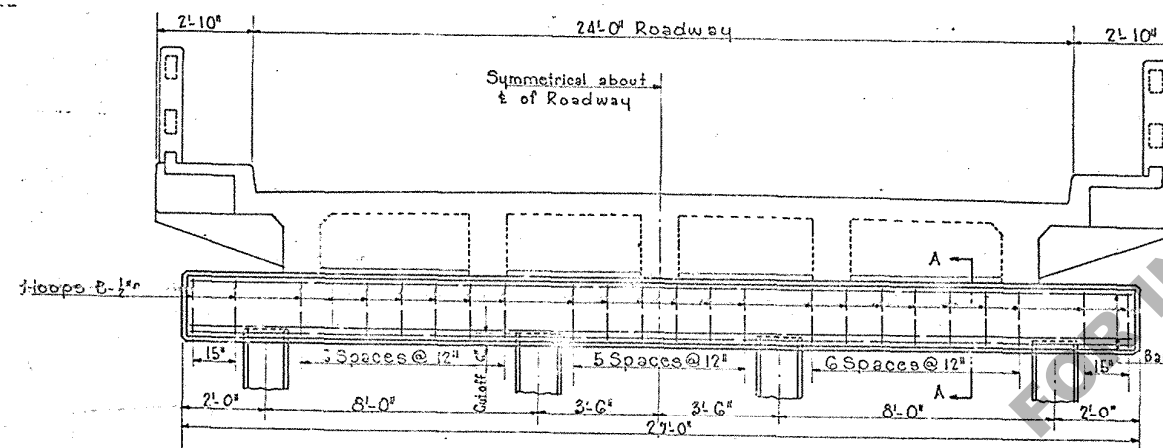
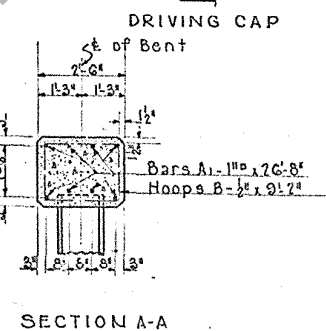
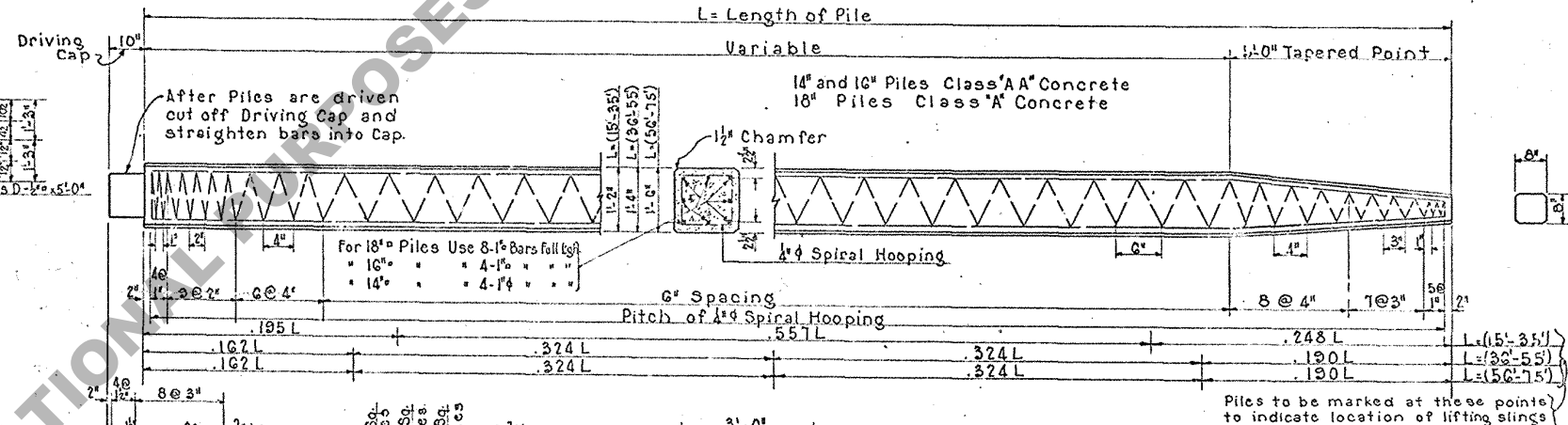


END BENT  
For 20'-0", 24'-0", 28'-0", 30'-0" & 32'-0" Spans



INTERMEDIATE BENT  
For 20'-0", 24'-0", 28'-0", 30'-0" & 32'-0" Spans



PILE LOADING

| TOTAL SPAN FEET | END BENT             |                    | INTERMEDIATE BENT    |                    |
|-----------------|----------------------|--------------------|----------------------|--------------------|
|                 | N <sup>o</sup> Piles | Load Per Pile Tons | N <sup>o</sup> Piles | Load Per Pile Tons |
| 20              | 4                    |                    | 4                    |                    |
| 24              | 4                    |                    | 4                    |                    |
| 28              | 4                    |                    | 5                    |                    |
| 30              | 4                    | 20.6               | 5                    | 22.4               |
| 32              | 4                    |                    | 5                    |                    |

APPROXIMATE QUANTITIES FOR PILES

| PILE LENGTHS | DRIVING CAP TOTAL |                   | VARIABLE PART PER LIN. FT. |                   | TAPERED POINT TOTAL |                   |
|--------------|-------------------|-------------------|----------------------------|-------------------|---------------------|-------------------|
|              | Conc. Cu. yds.    | Reinf. Steel Lbs. | Conc. Cu. yds.             | Reinf. Steel Lbs. | Conc. Cu. yds.      | Reinf. Steel Lbs. |
| 15' - 35'    | .031              | 36                | .051                       | 12                | .170                | 65                |
| 36' - 55'    | .031              | 39                | .070                       | 15                | .204                | 80                |
| 56' - 75'    | .031              | 39                | .085                       | 29                | .250                | 150               |

Note: 1/4" bars at lifting points not included in above quantities.

ESTIMATE OF QUANTITIES

| TOTAL SPAN FEET | END BENT                   |                                | INTERMEDIATE BENT          |                                |
|-----------------|----------------------------|--------------------------------|----------------------------|--------------------------------|
|                 | CLASS AA CONCRETE Cu. yds. | CLASS A REINFORCING STEEL Lbs. | CLASS AA CONCRETE Cu. yds. | CLASS A REINFORCING STEEL Lbs. |
| 20              |                            |                                | 4.91                       | 913                            |
| 24              |                            |                                | 4.91                       | 913                            |
| 28              |                            |                                | 4.88                       | 928                            |
| 30              | .94                        | 8.56                           | 4.88                       | 928                            |
| 32              |                            |                                | 4.88                       | 928                            |

GENERAL NOTES:  
Specifications: Louisiana Highway Commission.  
Concrete: To be Class 'A' in Cap and Riser.  
To be Class 'AA' in Hand Rail.  
All Reinforcing Steel to be Deformed Bars.  
Square twisted bars not considered Deformed.  
All dimensions of Reinforcing are to bar centers.  
All exposed surfaces to have 'Rubbed Finish'.  
No direct Payment will be made for Reinforcing steel in Concrete Piling. The Price bid per Lin. Ft. of Piling shall include the cost of Furnishing and Placing all Materials for same.  
Concrete Quantities shown are for 14" Piles Deducted.

Void  
12-21-05

STANDARD PLAN  
REINFORCED CONCRETE PILE BENTS  
FOR 20' TO 32' SPANS - 2'-2" SIDEWALKS  
LOUISIANA HIGHWAY COMMISSION  
Baton Rouge, La.

6-6-30 Detailed for C.E. 30-15 0-1-1931

(5-2-35)