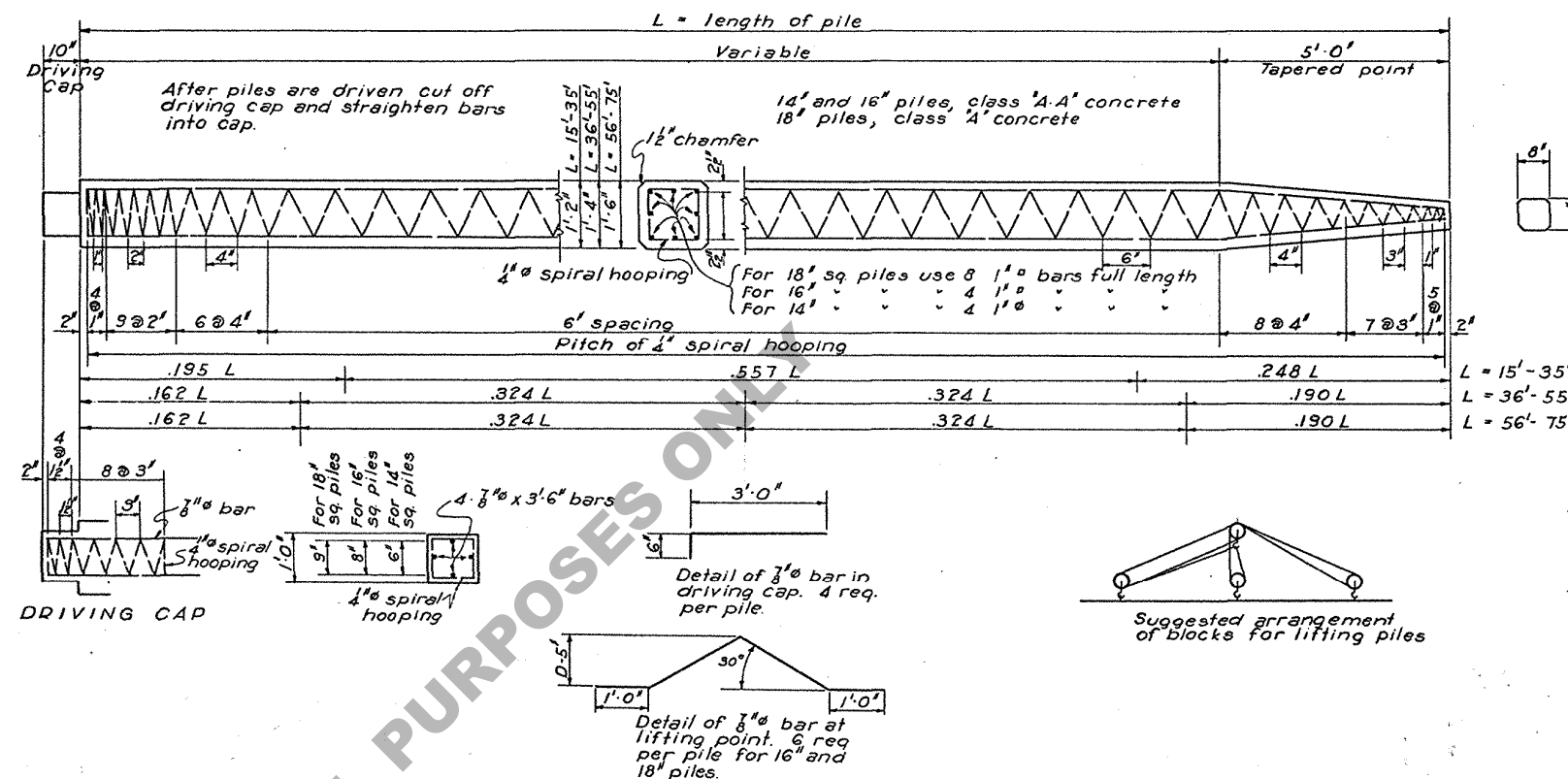
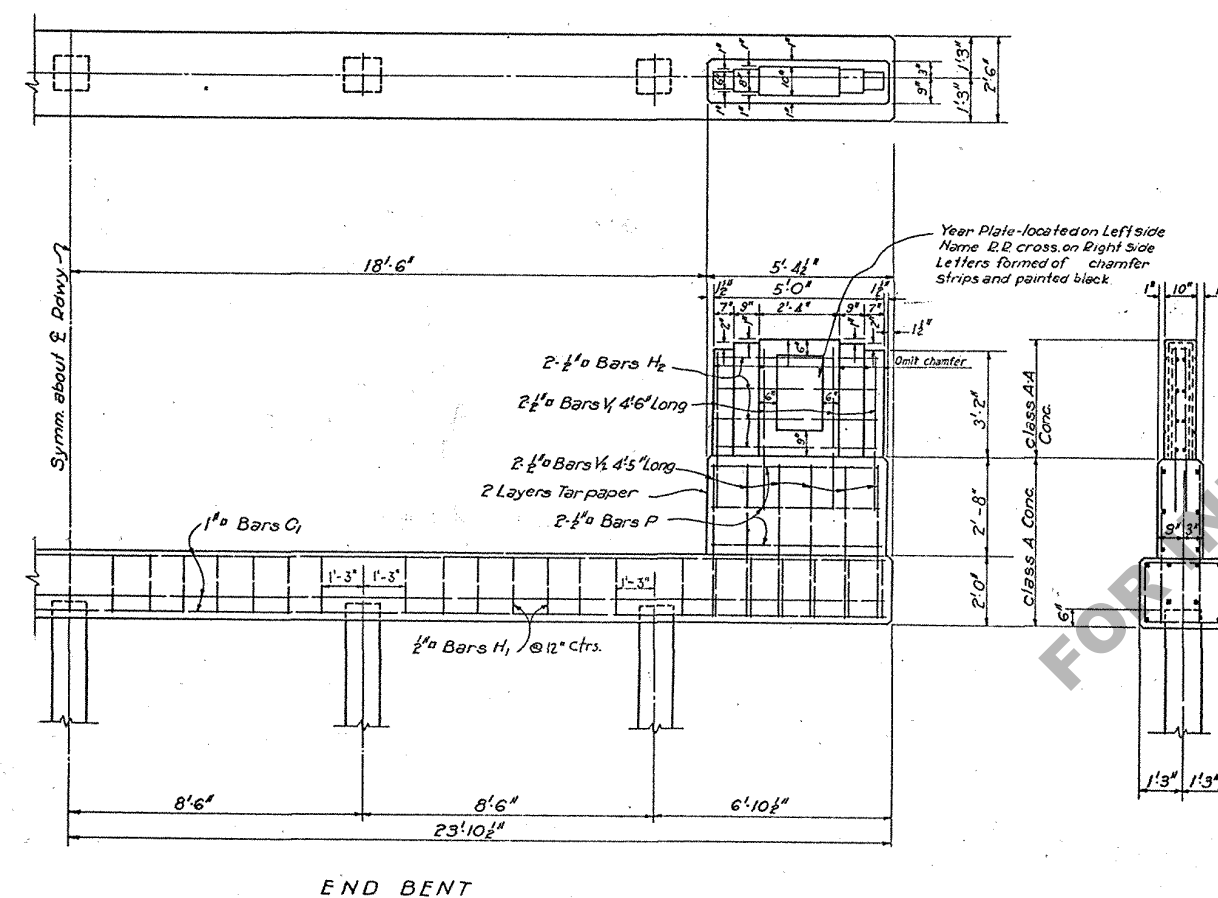
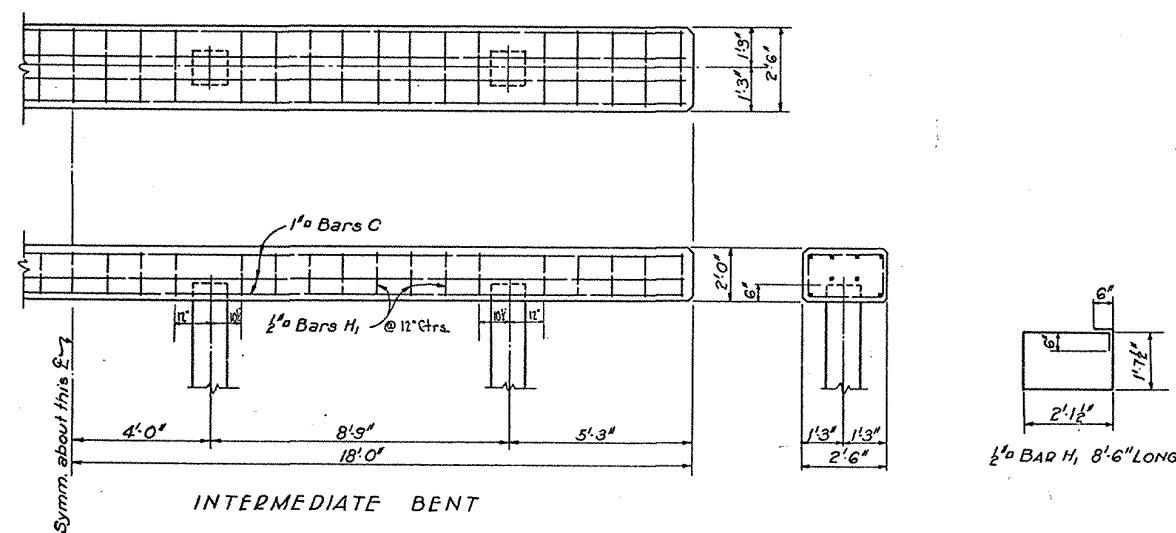




| QUANTITIES FOR ONE INT. BENT         |                |            |             |          |         |
|--------------------------------------|----------------|------------|-------------|----------|---------|
| BAR SIZE                             | No.            | UNIT LGTH. | TOTAL LGTH. | LOCATION |         |
| H <sub>1</sub>                       | 2 <sup>0</sup> | 33         | 8'-6"       | 280'-6"  | Cap     |
| C                                    | 1 <sup>0</sup> | 8          | 35'-9"      | 286'-0"  | Cap     |
| Total Reinforcing Steel              |                |            |             | 1211     | Lbs.    |
| Total class A Concrete               |                |            |             | 6.57     | Cu Yds. |
| Average Pile Load 31.8 Tons per Pile |                |            |             |          |         |

| QUANTITIES FOR ONE END BENT          |           |     |            |            |                  |
|--------------------------------------|-----------|-----|------------|------------|------------------|
| BAR                                  | SIZE      | NO. | UNIT LGTH. | TOTAL LGTH | LOCATION         |
| H <sub>1</sub>                       | 2" $\phi$ | 42  | 8' 6"      | 357' 0"    | Cap              |
| H <sub>2</sub>                       | "         | 16  | 4' 8"      | 74' 8"     | Handrail         |
| P                                    | "         | 12  | 4' 9"      | 57' 0"     | Wings            |
| V <sub>1</sub>                       | "         | 16  | 4' 6"      | 72' 0"     | Handrail & Wings |
| V <sub>2</sub>                       | "         | 24  | 4' 5"      | 106' 0"    | Wings            |
| C <sub>1</sub>                       | 1"        | 16  | 25' 4"     | 406' 0"    | Cap              |
| Total Reinforcing Steel              |           |     |            |            | 1947 Lbs.        |
| Total class A Concrete               |           |     |            |            | 9.75 Cu. Yds.    |
| Total class A-A Concrete             |           |     |            |            | 0.88 Cu Yds.     |
| Average Pile Load 21.8 Tons per Pile |           |     |            |            |                  |

| APPROXIMATE QUANTITIES FOR PILES |                      |              |                               |              |                        |              |  |
|----------------------------------|----------------------|--------------|-------------------------------|--------------|------------------------|--------------|--|
| PILE<br>LENGTHS                  | DRIVING CAP<br>TOTAL |              | VARIABLE PART<br>PER LIN. FT. |              | TAPERED POINT<br>TOTAL |              |  |
|                                  | Concrete             | Reinf. Steel | Concrete                      | Reinf. Steel | Concrete               | Reinf. Steel |  |
|                                  | Cu. Yds.             | Lbs.         | Cu. Yds.                      | Lbs.         | Cu. Yds.               | Lbs.         |  |
| 15' - 35'                        | .031                 | 36           | .051                          | 12           | .170                   | 65           |  |
| 36' - 55'                        | .031                 | 38           | .070                          | 15           | .204                   | 166 *        |  |
| 56' - 75'                        | .031                 | 39           | .083                          | 29           | .250                   | 236 *        |  |

\* Includes 8" x 8" bars at lifting points

GENERAL NOTES

Specifications: { Const. Latest approved La. Hwy. Dept. Std. Specs.  
Design La. Hwy. Commission, 1929  
Concrete to be class A in cap, class 4A in  
handrail.  
All dimensions of reinforcing steel are to bar centers.

Chamfer Exposed corners  $1\frac{1}{2}"$  unless otherwise shown on plan  
Concrete Quantities shown are for 14"  $\phi$  Piles Deducted

To be used with Standard Plan C.G. 19-15

STANDARD PLAN  
REINFORCED CONCRETE BENTS FOR  
REINF. CONC. FLAT SLABS  
22'-6" // SPANS  
24'-0" RDWY. - 5'-0" SIDEWALKS

|                                    |                             |                            |
|------------------------------------|-----------------------------|----------------------------|
| LOUISIANA HIGHWAY COMMISSION       |                             |                            |
| BATON ROUGE, LA.                   |                             |                            |
| AUGUST 1935                        |                             |                            |
| DESIGNED <i>R. H. H. H.</i>        | DETAILED <i>R. H. H. H.</i> | TRACED <i>H. L. C.</i>     |
| CHECKED <i>R. H. H. H.</i>         | CHECKED <i>R. H. H. H.</i>  | CHECKED <i>R. H. H. H.</i> |
| IN CHARGE OF <i>L. J. H. H. H.</i> |                             | BRIDGE DESIGNING ENGINEER  |