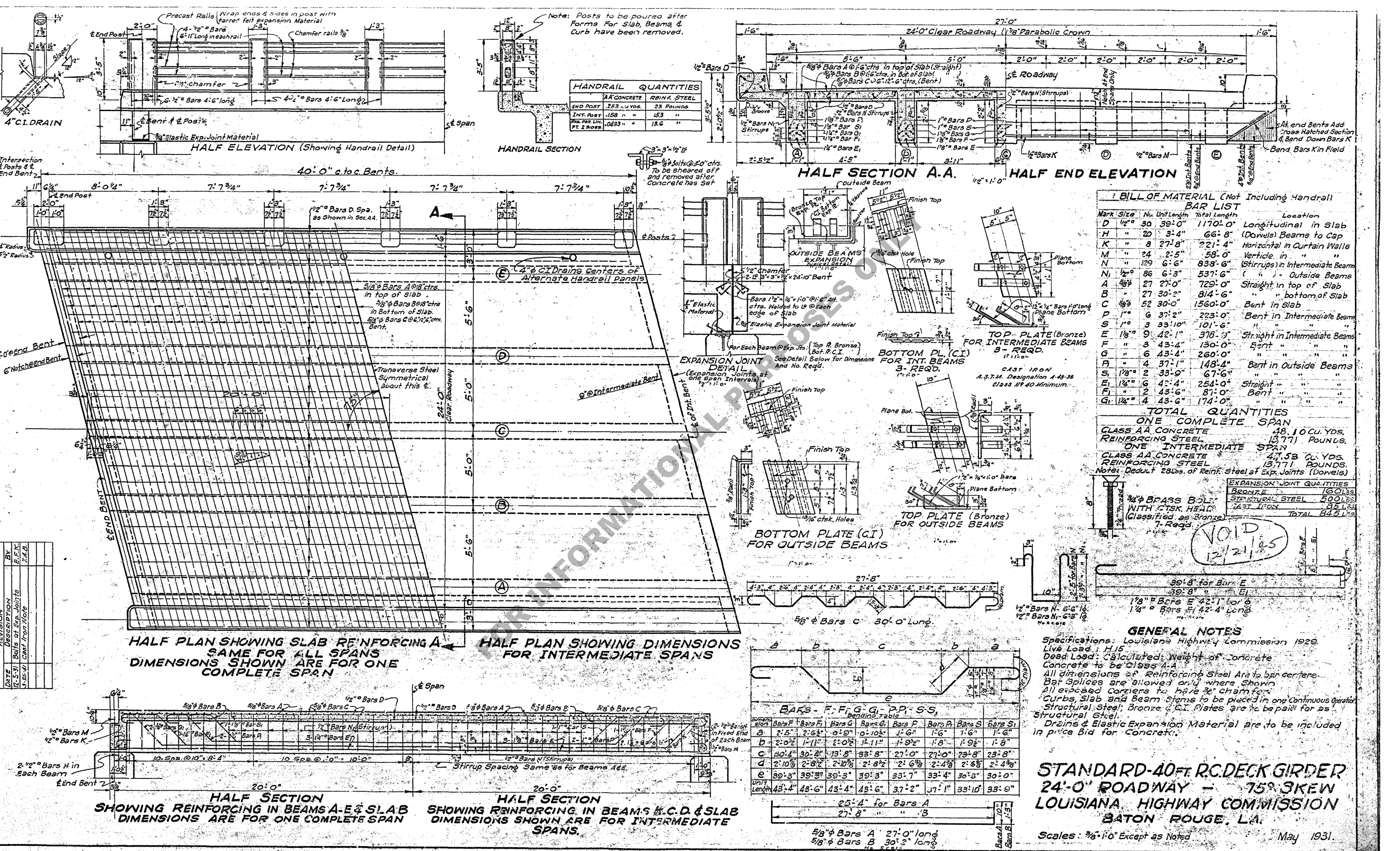




| HANDRAIL QUANTITIES                 |             |
|-------------------------------------|-------------|
| AA CONCRETE                         | REIN. STEEL |
| END POST 253 CU. YDS.               | 23 POUNDS   |
| INT. POST 158 " "                   | 153 " "     |
| RAIL PER LIN. FT. 2 SIDES .0433 " " | 15.6 " "    |

| BILL OF MATERIAL (Not Including Handrail) |        |     |             |              | Location                         |
|-------------------------------------------|--------|-----|-------------|--------------|----------------------------------|
| Mark                                      | Size   | No. | Unit Length | Total Length |                                  |
| D                                         | 1/2"   | 30  | 39'-0"      | 1170'-0"     | Longitudinal in Slab             |
| H                                         | "      | 20  | 3'-4"       | 66'-8"       | (Dowels) Beams to Cap            |
| K                                         | "      | 8   | 27'-8"      | 221'-4"      | Horizontal in Curtain Walls      |
| M                                         | "      | 24  | 2'-5"       | 58'-0"       | Vertical in " "                  |
| N                                         | "      | 129 | 6'-6"       | 838'-6"      | (Stirrups) in Intermediate Beams |
| Ni                                        | 1/2"   | 86  | 6'-3"       | 537'-6"      | ( " ) Outside Beams              |
| A                                         | 5/8"   | 27  | 27'-0"      | 729'-0"      | Straight in top of Slab          |
| B                                         | "      | 27  | 30'-2"      | 814'-6"      | " " bottom of Slab               |
| C                                         | 5/8"   | 52  | 30'-0"      | 1560'-0"     | Bent in Slab                     |
| P                                         | "      | 6   | 37'-2"      | 223'-0"      | Bent in Intermediate Beams       |
| S                                         | 1"     | 3   | 33'-10"     | 101'-6"      | " " " "                          |
| E                                         | 1 1/8" | 9   | 42'-1"      | 378'-9"      | Straight in Intermediate Beams   |
| F                                         | "      | 3   | 43'-4"      | 130'-0"      | Bent " " " "                     |
| G                                         | "      | 6   | 43'-4"      | 260'-0"      | " " " "                          |
| A                                         | "      | 4   | 37'-1"      | 148'-4"      | Bent in Outside Beams            |
| S                                         | 1 1/8" | 2   | 33'-9"      | 67'-6"       | " " " "                          |
| Ei                                        | 1 1/4" | 6   | 41'-4"      | 248'-0"      | Straight " " " "                 |
| F                                         | "      | 2   | 45'-6"      | 87'-0"       | Bent " " " "                     |
| G                                         | 1 1/4" | 4   | 43'-6"      | 174'-0"      | " " " "                          |

| TOTAL QUANTITIES                                              |                |
|---------------------------------------------------------------|----------------|
| ONE COMPLETE SPAN                                             |                |
| CLASS AA CONCRETE                                             | 48.10 CU. YDS. |
| REINFORCING STEEL                                             | 13771 POUNDS   |
| ONE INTERMEDIATE SPAN                                         |                |
| CLASS AA CONCRETE                                             | 47.53 CU. YDS. |
| REINFORCING STEEL                                             | 13771 POUNDS   |
| Notes: Deduct 28 lbs. of Reinf. Steel at Exp. Joints (Dowels) |                |
| EXPANSION JOINT QUANTITIES                                    |                |
| BRONZE                                                        | 160 LBS.       |
| STRUCTURAL STEEL                                              | 500 LBS.       |
| CAST IRON                                                     | 85 LBS.        |
| TOTAL                                                         |                |
| 845 LBS.                                                      |                |

**GENERAL NOTES**  
Specifications: Louisiana Highway Commission 1929.  
Live Load: H-15.  
Dead Load: Calculated; Weight of Concrete to be Class A-A.  
All dimensions of Reinforcing Steel are to bar centers.  
Bar aplices are allowed only where shown.  
All exposed corners to have 3" chamfer.  
Curbs, Slab and Beam stems to be placed in one continuous operation.  
Structural Steel; Bronze & C.I. Plates are to be paid for as Structural Steel.  
Drains & Elastic Expansion Material are to be included in price bid for concrete.

**STANDARD-40 FT. R.C. DECK GIRDER**  
**24'-0" ROADWAY - 75° SKEW**  
**LOUISIANA HIGHWAY COMMISSION**  
**BATON ROUGE, LA.**

Scales: 3/8" = 1'-0" Except as Noted  
May 1931