

BILL OF MATERIAL (FOR ONE SLAB-46' RDWY)

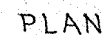
| Mark                                     | Size | No. | Unit Length | Total Length |
|------------------------------------------|------|-----|-------------|--------------|
| D                                        | ½"   | 18  | 24'-2"      | 435'-0"      |
| Wt. of ½" bars = 369 Lbs.                |      |     |             |              |
| A                                        | ¾"   | 109 | 10'-0"      | 1090'-0"     |
| Wt. of ¾" bars = 1137 Lbs.               |      |     |             |              |
| Dowels                                   | ¾"   | 20  | 4'-0"       | 80'-0"       |
| Wt. of ¾" bars = 120 Lbs.                |      |     |             |              |
| Total Reinforcing Steel = 1626 Lbs.      |      |     |             |              |
| Total Class A-A Concrete = 1374 Cu. Yds. |      |     |             |              |

BILL OF MATERIAL (FOR ONE SLAB-45' RDWY)

| Mark                                        | Size           | No. | Unit Length | Total Length |
|---------------------------------------------|----------------|-----|-------------|--------------|
| D                                           | $\frac{1}{2}"$ | 18  | 23'-2"      | 417'-0"      |
| Wt. of $\frac{1}{2}"$ Bars = 354 Lbs.       |                |     |             |              |
| A                                           | $\frac{5}{8}"$ | 109 | 10'-0"      | 1070'-0"     |
| Wt. of $\frac{5}{8}"$ Bars = 1116 Lbs.      |                |     |             |              |
| Dowels                                      | $\frac{3}{4}"$ | 26  | 4'-0"       | 80'-0"       |
| Wt. of $\frac{3}{4}"$ Bars = 120 Lbs        |                |     |             |              |
| Total Reinforcing Steel = 1590 Lbs.         |                |     |             |              |
| Total Class 'A-A' Concrete = 13.46 Cu. Yds. |                |     |             |              |

GENERAL NOTES (FOR BOTH DETAILS)

Specifications: Louisiana Highway Commission Feb. 1929 Govern  
Concrete: Class A-A Throughout  
All Reinforcing Steel to be Deformed, Square Twisted Bars not  
Considered as Deformed  
Dimensions relating to Reinforcing Steel are to Bar Centers.



(45' RDWY-45° SKEW)  
 BILL OF MATERIAL (FOR ONE SLAB)

| Mark                            | Size | No.    | Unit Length      | Total Length |
|---------------------------------|------|--------|------------------|--------------|
| D                               | 1/2" | 12     | 32'-6"           | 390'-0"      |
| D <sub>1</sub> , D <sub>2</sub> | "    | 2 Each | 16'-9" to 31'-9" | 533'-6"      |
| D <sub>3</sub> , D <sub>4</sub> | "    | 1 Ea.  | 4'-6" to 28'-6"  | 148'-6"      |
| D <sub>5</sub>                  | "    | 2      | 23'-3"           | 46'-6"       |

Total 1/2" bars = 1118'-6" Wt. = 951 Lbs.

|                                  |                   |        |                                    |                  |
|----------------------------------|-------------------|--------|------------------------------------|------------------|
| C                                | $\frac{5}{8}''^b$ | 72     | $10^{\circ}7'$                     | $762^{\circ}0''$ |
| C <sub>1</sub>                   | "                 | 17     | $30^{\circ}4'$                     | $515^{\circ}8''$ |
| C <sub>2</sub> -C <sub>14</sub>  | "                 | 1 Each | $11^{\circ}10'$ to $33^{\circ}1''$ | $404^{\circ}3''$ |
| C <sub>15</sub> -C <sub>36</sub> | "                 | 1 Each | $26^{\circ}0'$ to $6^{\circ}0''$   | $272^{\circ}0''$ |

Total 5/8" bars = 1953'-11" Wt. = 2038 Lbs.

Dowels  $\frac{3}{4}" \phi$  20 4'-0" 80'-0"  
Total  $\frac{3}{4}" \phi$  bars = 80'-0" Wt. = 120 Lbs.

Total Reinforcing Steel = 3109 Lbs.

Total Class A-A Concrete = 42.54 Cu. Yds.

STANDARD APPROACH SLAB  
FOR 45' & 46' ROADWAY-STRAIGHT  
45' ROADWAY - 45° SKEW  
LOUISIANA HIGHWAY COMMISSION

Baton Rouge, La.  
February 1932

C-M-25