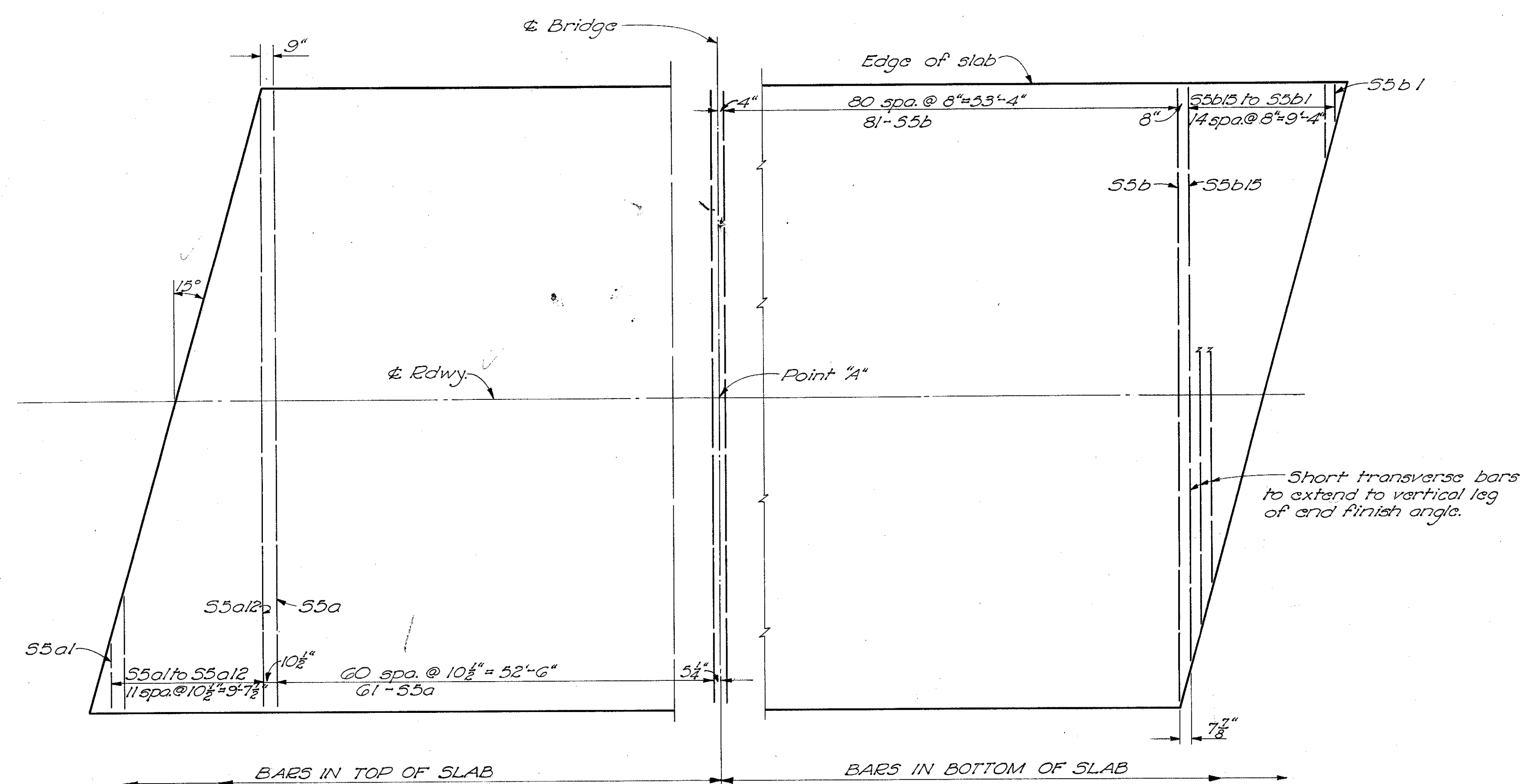


LAKE COUNTY  
LAK-306-4.33



SYMMETRICAL BY ROTATION ABOUT POINT "A"

**PART PLAN OF DECK**

(Showing Transverse Reinforcing)  
For all other superstructure details, see Std. Drwg. CSB-5-50.

**REINFORCING STEEL LIST**

| MARK           | SIZE | NO. | LENGTH  | WEIGHT | SHP. | BENDING DIAGRAM  | MARK      | NO.    | LENGTH | WEIGHT | SHP. |
|----------------|------|-----|---------|--------|------|------------------|-----------|--------|--------|--------|------|
| SUPERSTRUCTURE |      |     |         |        |      |                  | ABUTMENTS |        |        |        |      |
| 55a            | #12  | 2   | 39'-8"  | 7269   | 5    |                  | A9a       | 20     | 22'-8" | 1508   | 5    |
| 55a1           | #2   | 2   | 3'-6"   | 11     | 5    |                  | A9b       | 8      | 27'-3" | 741    | 5    |
| 55a2           | #2   | 2   | 6'-10"  | 21     | 5    |                  | A9c       | 6      | 11'-0" | 224    | 5    |
| 55a3           | #2   | 2   | 10'-1"  | 30     | 5    |                  | A9d       | 6      | 10'-0" | 204    | 5    |
| 55a4           | #2   | 2   | 13'-4"  | 40     | 5    |                  | A9e       | 6      | 9'-0"  | 184    | 5    |
| 55a5           | #2   | 2   | 16'-7"  | 50     | 5    |                  | A9f       | 18     | 5'-8"  | 347    | B    |
| 55a6           | #2   | 2   | 19'-10" | 60     | 5    |                  | A9g       | 18     | 12'-0" | 734    | 5    |
| 55a7           | #2   | 2   | 23'-1"  | 69     | 5    |                  | AGa       | 54     | 10'-1" | 818    | B    |
| 55a8           | #2   | 2   | 26'-5"  | 79     | 5    |                  | A5a       | 8      | 26'-9" | 223    | 5    |
| 55a9           | #2   | 2   | 29'-9"  | 89     | 5    |                  | A5b       | 24     | 6'-9"  | 169    | 5    |
| 55a10          | #2   | 2   | 33'-0"  | 99     | 5    |                  | A5c       | 4      | 14'-9" | 62     | 5    |
| 55a11          | #2   | 2   | 36'-3"  | 109    | 5    |                  | A5d       | 4      | 15'-6" | 65     | 5    |
| 55a12          | #2   | 2   | 39'-6"  | 119    | 5    |                  | A5e       | 8      | 4'-3"  | 35     | 5    |
| 55b            | #16  | 2   | 39'-8"  | 9653   | 5    |                  | A5f       | 4      | 4'-9"  | 20     | 5    |
| 55b1           | #2   | 2   | 2'-8"   | 8      | 5    | A5g              | 4         | 5'-3"  | 22     | 5      |      |
| 55b2           | #2   | 2   | 5'-2"   | 16     | 5    | A5h              | 24        | 21'-9" | 545    | 5      |      |
| 55b3           | #2   | 2   | 7'-8"   | 23     | 5    | A5k              | 32        | 7'-6"  | 250    | 5      |      |
| 55b4           | #2   | 2   | 10'-2"  | 31     | 5    | AA0              | 38        | 7'-0"  | 178    | B      |      |
| 55b5           | #2   | 2   | 12'-8"  | 38     | 5    | A4b              | 72        | 8'-6"  | 409    | B      |      |
| 55b6           | #2   | 2   | 15'-2"  | 46     | 5    | PIERS            |           |        |        |        |      |
| 55b7           | #2   | 2   | 17'-8"  | 53     | 5    | P11a             | 24        | 22'-8" | 2890   | 5      |      |
| 55b8           | #2   | 2   | 20'-0"  | 60     | 5    | P9a              | 64        | 4'-5"  | 425    | B      |      |
| 55b9           | #2   | 2   | 22'-6"  | 68     | 5    | P9b              | 32        | 14'-0" | 673    | 5      |      |
| 55b10          | #2   | 2   | 25'-0"  | 75     | 5    | P9c              | 32        | 12'-9" | 613    | 5      |      |
| 55b11          | #2   | 2   | 27'-6"  | 83     | 5    | P4a              | 412       | 4'-5"  | 1216   | B      |      |
| 55b12          | #2   | 2   | 30'-0"  | 90     | 5    | REPLACEMENT BARS |           |        |        |        |      |
| 55b13          | #2   | 2   | 32'-6"  | 98     | 5    | RE11             | 1         | 8'-8"  | 46     | 5      |      |
| 55b14          | #2   | 2   | 35'-0"  | 105    | 5    | RE9              | 1         | 7'-9"  | 26     | 5      |      |
| 55b15          | #2   | 2   | 37'-6"  | 113    | 5    | RE6              | 2         | 6'-6"  | 20     | 5      |      |
| 55c            | #3   | 240 | 31'-4"  | 11,295 | 5    | RE5              | 1         | 6'-1"  | 6      | 5      |      |
| 55d            | #3   | 54  | 18'-0"  | 1,460  | 5    | RE4              | 1         | 5'-8"  | 4      | 5      |      |

The bar size designations shown above do not correspond with the size designations given in the January 1, 1951 edition of the Construction and Material Specifications.

In the reinforcing steel bar marks shown above, the numeral following the first letter is the Bar Number which indicates the size of the bar.

STATE OF OHIO  
DEPARTMENT OF HIGHWAYS  
BUREAU OF BRIDGES AND RAILROAD CROSSINGS

**SLAB REINFORCEMENT DETAIL,  
REINFORCING STEEL LIST**

BRIDGE NO. LA-306-43  
OVER E. BRANCH OF CHAGRIN RIVER

LAKE COUNTY  
Sec. LAK-306-4.33 Sta. 230+80.00

|          |       |        |         |          |         |         |
|----------|-------|--------|---------|----------|---------|---------|
| DESIGNED | DRAWN | TRACED | CHECKED | REVIEWED | DATE    | REVISED |
| SPH      | AGP   | GPH    | CSH     | BFG      | 9/27/51 |         |