MICROFILMED
DEC 23 1987

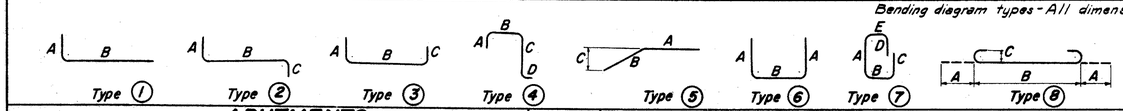
| FED. RD. DIVISION | STATE | PROJECT | TYPE FUNDS |
|---|---|---|---|
| 2 | OHIO | I-1103(20) | |

LAKE COUNTY
LAK-I-402

313
333

# REINFORCING STEEL BAR SCHEDULE

Bending diagram types - All dimensions are out to out, except radii which are to inside.




## ABUTMENTS

| MARK | TOTAL | SIZE | LENGTH | TYPE | A | B | C | D | E | WEIGHT LBS. |
|---|---|---|---|---|---|---|---|---|---|---|
| A601 | 142 | 6 | 9'-8"to11'-8" | 1 | 4'-5" | 3'-3" to 3'-7 1/2" | 2 sets of 71 bars - 8" vary-ing by 1/2" | | | 2275 |
| A602 | 142 | 6 | 15'-9" | 7 | 6'-2" | 1'-5" | 4'-10" | 3'-2" | 10" | 3359 |
| A503 | 16 | 5 | 39'-11" | Str. | | | | | | 666 |
| A504 | 142 | 5 | 3'-0" | Str. | | | | | | 444 |
| A505 | 150 | 5 | 2'-5" to 4'-5" | Str. | | 2 sets of 1988 Length A varies by 1/2" | | | | 535 |
| A506 | 56 | 5 | 39'-0" | Str. | | | | | | 2278 |
| A507 | 108 | 5 | 3'-2" | 6 | 7 7/8" | 2'-2" | | | | 357 |
| A508 | 20 | 5 | 10'-2" | Str. | | | | | | 212 |
| A509 | 48 | 5 | 7'-2" | 6 | 2'-2" | 3'-2" | | | | 359 |
| A510 | 16 | 5 | 10'-0" | 6 | 4'-7" | 1'-2" | | | | 167 |
| A511 | 20 | 5 | 5'-1" | 1 | 7 7/8" | 4'-7" | | | | 106 |
| A512 | 36 | 5 | 8'-2" | Str. | | | | | | 307 |
| A513 | 8 | 5 | 11'-6" | 5 | 7'-1" | 4'-6" | 2'-0" | | | 96 |
| A514 | 32 | 5 | 14'-5" | Str. | | | | | | 481 |
| A515 | 36 | 5 | 3'-8" | Str. | | | | | | 138 |
| A516 | 24 | 5 | 8'-0" | Str. | | | | | | 200 |
| A517 | 8 | 5 | 6'-3" | Str. | | | | | | 52 |
| A518 | 8 | 5 | 4'-8" | Str. | | | | | | 39 |
| A519 | 8 | 5 | 4'-2" | Str. | | | | | | 35 |
| A520 | 4 | 5 | 5'-2" | Str. | | | | | | 22 |
| A521 | 44 | 5 | 3'-6" | Str. | | | | | | 161 |
| A522 | 24 | 5 | 10'-2" | Str. | | | | | | 254 |
| A523 | 8 | 5 | 8'-3" | Str. | | | | | | 69 |
| A524 | 8 | 5 | 14'-8" | 10 | 2'-9" | 14'-5" | 2'-4" | | 29'-9" | 122 |
| A525 | 4 | 5 | 10'-4" | Str. | | | | | | 43 |
| A526 | 4 | 5 | 13'-1" | Str. | | | | | | 55 |
| A527 | 20 | 5 | 4'-6" | 11 | 7 7/8" | 1'-4" | 0" | 2'-9" | 3" | 94 |
| A528 | 8 | 5 | 4'-5" | 11 | 7 7/8" | 1'-4" | 0" | 2'-8" | 3" | 37 |
| A529 | 24 | 5 | 4'-3" to 3'-0" | 11 | 7 7/8" | 1'-4" | 0" | 2'-8" to 1'-3" | 3" | 91 |
| A530 | 4 | 5 | 2'-7" | 11 | 7 7/8" | 1'-4" | 0" | 10" | 3" | 11 |
| A531 | 4 | 5 | 2'-2" | 11 | 7 7/8" | 1'-4" | 0" | 5" | 3" | 9 |
| A532 | 20 | 5 | 4'-2" | 6 | 10" | 2'-9" | | | | 87 |
| A533 | 8 | 5 | 4'-1" | 6 | 10" | 2'-8" | | | | 34 |
| A534 | 24 | 5 | 3'-11" to 2'-8" | 6 | 10" | 2'-8" to 1'-3" | | | | 83 |
| A535 | 4 | 5 | 2'-3" | 6 | 10" | 10" | | | | 9 |
| A536 | 4 | 5 | 1'-10" | 6 | 10" | 5" | | | | 8 |
| A437 | 56 | 4 | 5'-11" | 13 | 2'-4" | 8" | 6 1/2" | | | 221 |
| R438 | 16 | 4 | 12'-11" | Str. | | | | | | Included with railing for payment |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | 13,516 lbs. |

▲ Very by 3"

## SUPERSTRUCTURE

| MARK | TOTAL | SIZE | LENGTH | TYPE | A | B | C | D | E | WEIGHT LBS. |
|---|---|---|---|---|---|---|---|---|---|---|
| S701 | 1776 | 7 | 26'-10" | Str. | | | | | | 97,409 |
| S602 | 1776 | 6 | 26'-8" | Str. | | | | | | 71,135 |
| S603 | 1485 | 6 | 37'-7" | Str. | | | | | | 83,828 |
| S604 | 300 | 6 | 28'-0" | Str. | | | | | | 12,617 |
| S505 | 788 | 5 | 5'-2" | 11 | 8" | 1'-5" | 8" | 2'-10" | 3" | 4,246 |
| S406 | 788 | 4 | 3'-2" | 1 | 6'-4" | 2'-9" | | | | 1,667 |
| S407 | 788 | 4 | 4'-2" | 4 | 1'-2" | 8" | 2'-2" | 6'-4" | | 2,193 |
| R408 | 168 | 4 | 17'-1" | Str. | | | | | | Included with railing for payment |
| R409 | 16 | 4 | 13'-10" | Str. | | | | | | |
| | | | | | | | | | | |
| M501 | 104 | 5 | 31'-9" | Str. | | | | | | 3,444 |
| M402 | 127 | 4 | 4'-2" to 13'-4" | Str. | Vary by 3/4" | | | | | 742 |
| M403 | 272 | 4 | 3'-0" | 14 | 1'-9" | 11" | 6" | 2" | | 545 |
| M404 | 125 | 4 | 3'-0" to 12'-1" | Str. | Vary by 3/4" | | | | | 630 |
| M405 | 11 | 4 | 12'-8" | Str. | | | | | | 93 |
| M406 | 254 | 4 | 3'-0" | 14 | 1'-9" | 11" | 6" | 2" | | 509 |
| | | | | | | | | | | |
| | | | | | | | | | | |
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