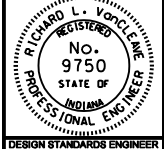


| TRUSS SCHEDULE (ALUMINUM STRUCTURE) | | | | | See code table | | | | | | |
|-------------------------------------|-------|-------|-------|-------|----------------|----|----|----|----|-----|---------|
| SPAN | L1 | L2 | L3 | L4 | D | a | b | c | d | e ③ | CAMBER④ |
| 50'-0 | 25'-0 | — | — | 25'-0 | 5'-6 | EX | AX | CW | CW | BW | ¾" |
| 55'-0 | 20'-0 | 15'-0 | — | 20'-0 | | | | | | | ⅞" |
| 60'-0 | 20'-0 | 20'-0 | — | 20'-0 | | | | | | | 1" |
| 65'-0 | 20'-0 | 25'-0 | — | 20'-0 | | | | | | | 1 ⅛" |
| 70'-0 | 25'-0 | 20'-0 | — | 25'-0 | | | | CW | CW | BW | 1 ⅝" |
| 75'-0 | 25'-0 | 25'-0 | — | 25'-0 | | | | CX | CX | BX | 1 ⅝" |
| 80'-0 | 20'-0 | 20'-0 | 20'-0 | 20'-0 | | | | | | | 1 ¼" |
| 85'-0 | 20'-0 | 25'-0 | 20'-0 | 20'-0 | | | | | | | 1 ½" |
| 90'-0 | 20'-0 | 25'-0 | 25'-0 | 20'-0 | | | | | | | 1 ⅝" |
| 95'-0 | 25'-0 | 20'-0 | 25'-0 | 25'-0 | | | | | | | 1 ¾" |
| 100'-0 | 25'-0 | 25'-0 | 25'-0 | 25'-0 | 5'-6 | EX | AX | CX | CX | BX | 2" |

| END SUPPORT SCHEDULE | | | | | See code table | | | | CODE | DIAMETER | CODE | WALL THICKNESS |
|------------------------|-------|----|----|----|----------------|--|--|--|------|----------|------|----------------|
| Span Lengths | H | f | g | h | | | | | | | | |
| Up to 70' span | 17'-6 | CW | DX | FY | | | | | A | 2" | W | 0.188" |
| | 18'-6 | | | | | | | | B | 2 ¾" | X | 0.250" |
| | 19'-6 | | | | | | | | C | 3" | Y | 0.312" |
| | 20'-6 | | | | | | | | D | 4 ½" | Z | 0.375" |
| | 21'-6 | | | | | | | | E | 4 ¾" | | |
| | 22'-6 | | | | | | | | F | 10" | | |
| | 23'-6 | | | FY | | | | | | | | |
| | 24'-6 | | | FZ | | | | | | | | |
| > 70'-6 to 90'-0 span | 17'-6 | | | FY | | | | | | | | |
| | 18'-6 | | | | | | | | | | | |
| | 19'-6 | | | | | | | | | | | |
| | 20'-6 | | | | | | | | | | | |
| | 21'-6 | | | FY | | | | | | | | |
| | 22'-6 | | | FZ | | | | | | | | |
| | 23'-6 | | | | | | | | | | | |
| | 24'-6 | | | | | | | | | | | |
| > 90'-6 to 100'-0 span | 17'-6 | | | | | | | | | | | |
| | 18'-6 | | | | | | | | | | | |
| | 19'-6 | | | | | | | | | | | |
| | 20'-6 | | | | | | | | | | | |
| | 21'-6 | | | | | | | | | | | |
| | 22'-6 | | | | | | | | | | | |
| | 23'-6 | | | | | | | | | | | |
| | 24'-6 | CW | DX | FZ | | | | | | | | |

NOTES:

1. Sign area = 500 ft² max.
2. Max. projection of sign beyond chord is 8 ft.
- ③ Use 3 in. ø x 0.250 in. wall thickness at panels adjacent to columns.
- ④ Ordinate at center of assembled truss prior to dead load deflection. Allowable camber tolerance for truss is *25%

| | |
|---|---|
| INDIANA DEPARTMENT OF TRANSPORTATION | |
| SIGN STRUCTURE TRUSS SCHEDULES | |
| SEPTEMBER 2002 | |
| STANDARD DRAWING NO. E 802-SNOH-04 | |
|  | /s/ Richard L. VanCleave 9-03-02 DESIGN STANDARDS ENGINEER DATE /s/ Richard K. Smutzer 9-03-02 CHIEF HIGHWAY ENGINEER DATE |
| DESIGN STANDARDS ENGINEER | |