

APPENDIX F—Continued.

176 Ft. SPAN.

LENGTH, 173.25 FT. ; HEIGHT, 22 FT. ; DEAD LOAD ON EACH TRUSS, PER PANEL, 14,850 LBS. ; LIVE LOAD, 13,860 LBS.

| No. PANEL. | UPPER CHORD. | LOWER CHORD. | MAIN BRACE. | MAIN TIE. | COUNTER BRACE. | COUNTER TIE. |
|------------|--------------|--------------|-------------|-----------|----------------|--------------|
| 1 | 56,523 | 48,448 | 98,816 | 115,285 | ..... | ..... |
| 2 | 153,419 | 145,344 | 90,276 | 98,816 | ..... | ..... |
| 3 | 234,165 | 226,092 | 73,828 | 90,276 | ..... | ..... |
| 4 | 298,765 | 290,690 | 65,310 | 73,828 | ..... | ..... |
| 5 | 347,215 | 339,138 | 48,840 | 65,310 | 15,900 | 15,900 |
| 6 | 379,511 | 371,437 | 40,321 | 48,840 | 15,900 | 23,852 |
| 7 | 395,659 | 387,585 | 23,852 | 40,321 | 23,852 | 23,852 |

130 Ft. SPAN.

LENGTH, 128.3 FT. ; HEIGHT, 22 FT. ; DEAD LOAD ON EACH TRUSS, PER PANEL, 13,150 LBS. ; LIVE LOAD, 16,000 LBS.

| No. PANEL. | UPPER CHORD. | LOWER CHORD. | MAIN BRACE. | MAIN TIE. | COUNTER BRACE. | COUNTER TIE. |
|------------|--------------|--------------|-------------|-----------|----------------|--------------|
| 1 | 42,510 | 34,008 | 67,493 | 84,366 | ..... | ..... |
| 2 | 110,526 | 102,025 | 60,882 | 67,493 | ..... | ..... |
| 3 | 161,539 | 153,038 | 43,009 | 60,882 | ..... | 9,261 |
| 4 | 195,548 | 187,046 | 35,397 | 43,009 | 9,261 | 18,523 |
| 5 | 212,552 | 204,050 | 18,523 | 35,397 | 18,523 | 18,523 |