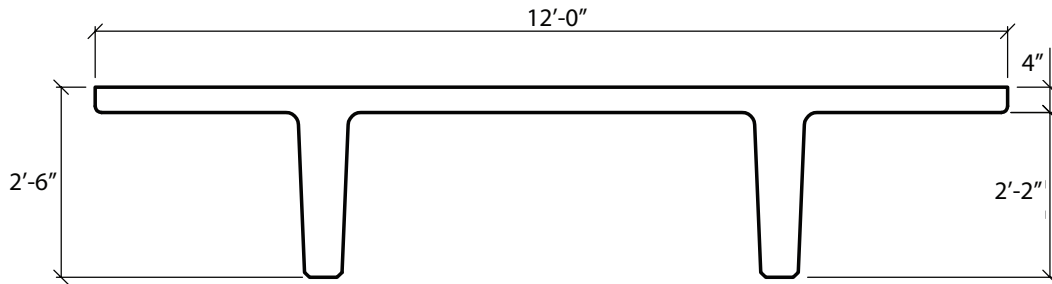


12'-0" x 30" PreTopped Double Tees

Dead Load Weight of Tee = 81 psf



| Section Properties | | | | | | |
|-------------------------|---|---------------------------|----------|--------------|----------|----------|
| | | A=936 in. ² | | Yt=7.51 in. | | |
| | | I=66.275 in. ⁴ | | Yb=22.49 in. | | |
| ∅M _n ft-K | 919 | 1123 | 1316 | 1499 | 1671 | 1833 |
| Strands | 8-0.6"∅ | 10-0.6"∅ | 12-0.6"∅ | 14-0.6"∅ | 16-0.6"∅ | 18-0.6"∅ |
| Span in Feet | Allowable Superimposed Load in Pounds Per Square Foot | | | | | |
| 36 | 234 | | | | | |
| 38 | 204 | | | | | |
| 40 | 178 | 231 | | | | |
| 42 | 156 | 204 | | | | |
| 44 | 137 | 181 | 222 | | | |
| 46 | 120 | 160 | 198 | | | |
| 48 | 105 | 142 | 177 | 209 | | |
| 50 | 92 | 126 | 158 | 188 | | |
| 52 | 81 | 112 | 142 | 170 | | |
| 54 | 70 | 99 | 127 | 153 | | |
| 56 | 61 | 88 | 114 | 138 | | |
| 58 | 53 | 78 | 102 | 125 | 137 | |
| 60 | 45 | 69 | 91 | 113 | 125 | |
| 62 | | 61 | 82 | 102 | 113 | |
| 64 | | 53 | 73 | 92 | 103 | 111 |
| 66 | | 47 | 65 | 82 | 94 | 102 |
| 68 | | 40 | 58 | 74 | 85 | 93 |
| 70 | | | 51 | 66 | 77 | 85 |
| 72 | | | 45 | 60 | 70 | 77 |
| 74 | | | | 53 | 64 | 70 |
| 76 | | | | 47 | 58 | 64 |
| 78 | | | | 42 | 52 | 58 |
| 80 | | | | | 47 | 53 |
| 82 | | | | | 42 | 48 |
| 84 | | | | | | 43 |

Camber



1"-2"



≥ 2"