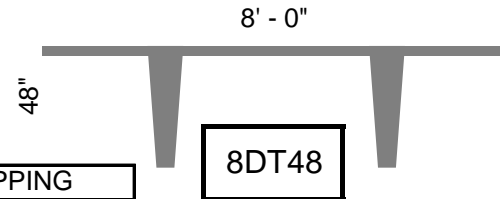




PRESTRESSED CONCRETE CONSTRUCTION
 Newton, Kansas Phone (316)-283-2277

48" TT LOAD TABLE SUMMARY

(Tables below show maximum superimposed service load, lb/ft², versus Allowable Span Length.)



1/2" Dia. STRAND PROFILE

TT Self Weight = 124.6 psf

NORMAL WEIGHT - NO TOPPING

8DT48

| SPAN, feet | 60 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 80 | 82 | 84 | 86 | 88 | 90 | 92 | 94 | 96 | 98 | 100 | 102 | 104 | |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|-----|-----|-----|--|
| 14 St. | 170 | 152 | 137 | 122 | 109 | 97 | 87 | 76 | 67 | 59 | 51 | 43 | 36 | | | | | | | | | | | |
| 16 St. | 215 | 195 | 168 | 160 | 145 | 131 | 118 | 106 | 95 | 85 | 76 | 67 | 59 | 52 | 45 | 38 | 31 | | | | | | | |
| 18 St. | | | | | | 152 | 138 | 125 | 113 | 102 | 92 | 83 | 74 | 66 | 58 | 51 | 45 | 38 | 31 | | | | | |
| 20 St. | | | | | | 174 | 159 | 145 | 132 | 120 | 109 | 99 | 89 | 80 | 72 | 65 | 57 | 51 | 44 | 38 | 31 | | | |
| 14 Dep. 1 | | | | | | | 112 | 100 | 90 | 80 | 71 | 63 | 55 | 48 | 41 | 35 | 29 | | | | | | | |
| 16 Dep. 1 | | | | | | | 138 | 125 | 114 | 103 | 93 | 83 | 74 | 66 | 59 | 52 | 45 | 39 | 33 | | | | | |
| 18 Dep. 1 | | | | | | | 164 | 150 | 137 | 125 | 113 | 103 | 93 | 84 | 76 | 68 | 61 | 54 | 47 | 41 | 36 | 30 | | |
| 20 Dep. 1 | | | | | | | | | 142 | 133 | 124 | 116 | 113 | 103 | 93 | 85 | 77 | 69 | 62 | 56 | 49 | 43 | 38 | |

1/2" Dia. STRAND PROFILE

TT Self Weight = 99.7 psf

LIGHT WEIGHT - NO TOPPING

8LDT48

| SPAN, feet | 72 | 74 | 76 | 78 | 80 | 82 | 84 | 86 | 88 | 90 | 92 | 94 | 96 | 98 | 100 | 102 | 104 | 106 | 108 | 110 | 112 | 114 | 116 | |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| 14 Dep. 1 | 132 | 120 | 110 | 100 | 91 | 83 | 74 | 67 | 61 | 55 | 49 | 43 | 38 | 33 | 29 | | | | | | | | | |
| 16 Dep. 1 | | | | 118 | 112 | 103 | 94 | 86 | 79 | 72 | 65 | 59 | 53 | 48 | 42 | 36 | 32 | | | | | | | |
| 18 Dep. 1 | | | | | | | 110 | 98 | 94 | 86 | 79 | 72 | 66 | 59 | 54 | 48 | 42 | 36 | 34 | | | | | |
| 20 Dep. 1 | | | | | | | 123 | 114 | 105 | 100 | 92 | 85 | 80 | 73 | 65 | 61 | 56 | 51 | 46 | 41 | 36 | 31 | | |
| 22 Dep. 1 | | | | | | | | | 117 | 110 | 102 | 99 | 87 | 80 | 74 | 68 | 65 | 61 | 56 | 51 | 47 | 42 | 38 | |