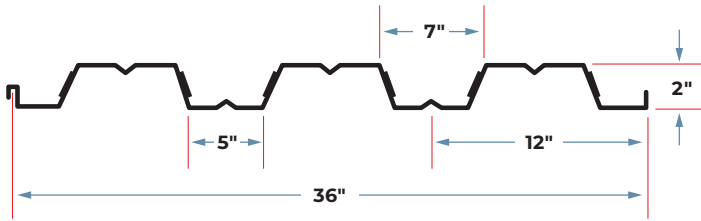


2" COMPOSITE DECK

GRADE 50 STEEL



Options

Hanger Tabs

Section Properties

| Gage | Design Thickness (inches) | Weight (psf) | F _y (ksi) | S _e + (inch ³) per foot | S _e - (inch ³) per foot | ASD (Ω = 1.67) | | I _d + (inch ⁴) per ft. | I _d - (inch ⁴) per ft. |
|------|---------------------------|--------------|----------------------|--|--|--------------------------------------|--|---|---|
| | | | | | | M _p / Ω (inch-lbs per ft) | M _n / Ω (inch-lbs per foot) | | |
| 22 | 0.0295 | 1.6 | 50 | 0.247 | 0.254 | 7407 | 7595 | 0.311 | 0.290 |
| 20 | 0.0358 | 1.9 | 50 | 0.329 | 0.336 | 9860 | 10060 | 0.393 | 0.373 |
| 18 | 0.0474 | 2.5 | 50 | 0.493 | 0.500 | 14760 | 14960 | 0.548 | 0.530 |
| 16 | 0.0598 | 3.2 | 50 | 0.645 | 0.644 | 19321 | 19271 | 0.703 | 0.693 |

Note

All section properties and ASD flexural strengths are calculated in accordance with ANSI/SDI RD-2017, AISI S100-2012 and AISI S100-2016.

Shear and Web Crippling

| Gage | V _n / Ω (lbs/ft) | Web Crippling (R _n / Ω), lbs/ft One Flange Loading End Bearing | | | Web Crippling (R _n / Ω), lbs/ft One Flange Loading Interior Bearing | | |
|------|-----------------------------|---|------|------|--|------|------|
| | | 2" | 3" | 4" | 2" | 3" | 4" |
| 22 | 1881 | 414 | 476 | 529 | 627 | 709 | 779 |
| 20 | 2781 | 590 | 677 | 749 | 904 | 1018 | 1113 |
| 18 | 3665 | 986 | 1123 | 1239 | 1532 | 1712 | 1865 |
| 16 | 4601 | 1507 | 1707 | 1875 | 2367 | 2631 | 2854 |

Note

All section properties and ASD flexural strengths are calculated in accordance with ANSI/SDI RD-2017, AISI S100-2012 and AISI S100-2016.

Allowable Uniform Downward Loads, ASD (PSF)

| Span | Gage | 6' | 7' | 8' | 9' | 10' | 11' | 12' | 13' | 14' | 15' | 16' |
|--------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Single | 22 | 137 | 101 | 77 | 61 | 49 | 41 | 34 | 29 | 25 | 22 | 19 |
| | 20 | 183 | 134 | 103 | 81 | 66 | 54 | 46 | 39 | 34 | 29 | 26 |
| | 18 | 273 | 201 | 154 | 121 | 98 | 81 | 68 | 58 | 50 | 44 | 38 |
| | 16 | 358 | 263 | 201 | 159 | 129 | 106 | 89 | 76 | 66 | 57 | 50 |
| Double | 22 | 141 | 103 | 79 | 63 | 51 | 42 | 35 | 30 | 26 | 23 | 20 |
| | 20 | 186 | 137 | 105 | 83 | 67 | 55 | 47 | 40 | 34 | 30 | 26 |
| | 18 | 277 | 204 | 156 | 123 | 100 | 82 | 69 | 59 | 51 | 44 | 39 |
| | 16 | 357 | 262 | 201 | 159 | 128 | 106 | 89 | 76 | 66 | 57 | 50 |
| Triple | 22 | 176 | 129 | 99 | 78 | 63 | 52 | 44 | 37 | 32 | 28 | 25 |
| | 20 | 233 | 171 | 131 | 103 | 84 | 69 | 58 | 50 | 43 | 37 | 33 |
| | 18 | 346 | 254 | 195 | 154 | 125 | 103 | 87 | 74 | 64 | 55 | 49 |
| | 16 | 446 | 328 | 251 | 198 | 161 | 133 | 112 | 95 | 82 | 71 | 63 |

Notes

- All section properties and ASD (Ω = 1.67) uniform loads are calculated in accordance with ANSI/SDI RD-2017, AISI S100-2012 and AISI S100-2016
- Loads shown in tables are uniformly distributed superimposed loads in psf. Span length assumes center-to-center spacing of supports. Tabulated loads shall not be increased by assuming clear span dimensions.
- Bending Moment formulae used for flexural stress limitations are: Simple and Two Span $M = \frac{wL^2}{8}$ Three Span or More $M = \frac{wL^2}{10}$
- Web crippling and shear have not been accounted for in these tables. Required bearing should be determined based on specific span conditions.

Uniform Superimposed Service Load that Causes L/240 Deflection (PSF)

| Span | Gage | 6' | 7' | 8' | 9' | 10' | 11' | 12' | 13' | 14' | 15' | 16' |
|--------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Single | 22 | 88 | 56 | 37 | 26 | 19 | 14 | 11 | 9 | 7 | 6 | 5 |
| | 20 | 113 | 71 | 48 | 34 | 25 | 18 | 14 | 11 | 9 | 7 | 6 |
| | 18 | 161 | 101 | 68 | 48 | 35 | 26 | 20 | 16 | 13 | 10 | 8 |
| | 16 | 211 | 133 | 89 | 62 | 46 | 34 | 26 | 21 | 17 | 13 | 11 |
| Double | 22 | 212 | 134 | 90 | 63 | 46 | 34 | 27 | 21 | 17 | 14 | 11 |
| | 20 | 273 | 172 | 115 | 81 | 59 | 44 | 34 | 27 | 22 | 17 | 14 |
| | 18 | 388 | 244 | 164 | 115 | 84 | 63 | 48 | 38 | 31 | 25 | 20 |
| | 16 | 507 | 320 | 214 | 150 | 110 | 82 | 63 | 50 | 40 | 32 | 27 |
| Triple | 22 | 166 | 105 | 70 | 49 | 36 | 27 | 21 | 16 | 13 | 11 | 9 |
| | 20 | 214 | 135 | 90 | 63 | 46 | 35 | 27 | 21 | 17 | 14 | 11 |
| | 18 | 304 | 191 | 128 | 90 | 66 | 49 | 38 | 30 | 24 | 19 | 16 |
| | 16 | 397 | 250 | 168 | 118 | 86 | 64 | 50 | 39 | 31 | 25 | 21 |

Note
For loads that cause L/120 Deflection, multiply by 2.0. For loads that cause L/180 Deflection, multiply by 1.5. For loads that cause L/360 Deflection, multiply by 0.667.

Construction Span Table – 20 psf Construction Load

| Normal Weight Concrete (145 pcf) | | | | |
|----------------------------------|------------|-----------------------------|---------|---------|
| Total Slab Depth | Deck Type | Maximum Unshored Clear Span | | |
| | | 1 span | 2 span | 3 span |
| 4.00 (t=2.00) 39 PSF | 2x12x22 ga | 7'- 11 | 9'- 1 | 9'- 3 |
| | 2x12x20 ga | 9'- 3 | 10'- 6 | 10'- 10 |
| | 2x12x18 ga | 10'- 5 | 12'- 9 | 12'- 5 |
| | 2x12x16 ga | 11'- 4 | 14'- 2 | 13'- 4 |
| 4.50 (t=2.50) 45 PSF | 2x12x22 ga | 7'- 7 | 8'- 8 | 8'- 10 |
| | 2x12x20 ga | 8'- 10 | 10'- 0 | 10'- 4 |
| | 2x12x18 ga | 9'- 11 | 12'- 2 | 12'- 0 |
| | 2x12x16 ga | 10'- 11 | 13'- 8 | 12'- 10 |
| 5.00 (t=3.00) 51 PSF | 2x12x22 ga | 7'- 3 | 8'- 4 | 8'- 6 |
| | 2x12x20 ga | 8'- 6 | 9'- 7 | 9'- 11 |
| | 2x12x18 ga | 9'- 7 | 11'- 8 | 11'- 8 |
| | 2x12x16 ga | 10'- 6 | 13'- 3 | 12'- 6 |
| 5.50 (t=3.50) 57 PSF | 2x12x22 ga | 6'- 11 | 8'- 0 | 8'- 2 |
| | 2x12x20 ga | 8'- 3 | 9'- 3 | 9'- 6 |
| | 2x12x18 ga | 9'- 3 | 11'- 3 | 11'- 4 |
| | 2x12x16 ga | 10'- 1 | 12'- 9 | 12'- 2 |
| 6.00 (t=4.00) 63 PSF | 2x12x22 ga | 6'- 9 | 7'- 9 | 7'- 10 |
| | 2x12x20 ga | 7'- 11 | 8'- 11 | 9'- 2 |
| | 2x12x18 ga | 8'- 11 | 10'- 10 | 11'- 0 |
| | 2x12x16 ga | 9'- 9 | 12'- 4 | 11'- 10 |
| 6.50 (t=4.50) 69 PSF | 2x12x22 ga | 6'- 6 | 7'- 6 | 7'- 7 |
| | 2x12x20 ga | 7'- 9 | 8'- 7 | 8'- 10 |
| | 2x12x18 ga | 8'- 8 | 10'- 6 | 10'- 9 |
| | 2x12x16 ga | 9'- 6 | 11'- 11 | 11'- 7 |

| Lightweight Concrete (115 pcf) | | | | |
|--------------------------------|------------|-----------------------------|---------|---------|
| Total Slab Depth | Deck Type | Maximum Unshored Clear Span | | |
| | | 1 span | 2 span | 3 span |
| 4.00 (t=2.00) 31 PSF | 2x12x22 ga | 8'- 6 | 9'- 9 | 10'- 0 |
| | 2x12x20 ga | 10'- 0 | 11'- 3 | 11'- 8 |
| | 2x12x18 ga | 11'- 2 | 13'- 9 | 13'- 2 |
| | 2x12x16 ga | 12'- 0 | 14'- 11 | 14'- 1 |
| 4.50 (t=2.50) 35 PSF | 2x12x22 ga | 8'- 2 | 9'- 5 | 9'- 8 |
| | 2x12x20 ga | 9'- 7 | 10'- 10 | 11'- 3 |
| | 2x12x18 ga | 10'- 9 | 13'- 3 | 12'- 9 |
| | 2x12x16 ga | 11'- 8 | 14'- 6 | 13'- 8 |
| 5.00 (t=3.00) 39 PSF | 2x12x22 ga | 7'- 11 | 9'- 1 | 9'- 3 |
| | 2x12x20 ga | 9'- 3 | 10'- 6 | 10'- 10 |
| | 2x12x18 ga | 10'- 5 | 12'- 9 | 12'- 5 |
| | 2x12x16 ga | 11'- 4 | 14'- 2 | 13'- 4 |
| 5.50 (t=3.50) 44 PSF | 2x12x22 ga | 7'- 7 | 8'- 9 | 8'- 11 |
| | 2x12x20 ga | 8'- 11 | 10'- 1 | 10'- 5 |
| | 2x12x18 ga | 10'- 0 | 12'- 4 | 12'- 1 |
| | 2x12x16 ga | 11'- 0 | 13'- 9 | 12'- 11 |
| 6.00 (t=4.00) 48 PSF | 2x12x22 ga | 7'- 5 | 8'- 6 | 8'- 8 |
| | 2x12x20 ga | 8'- 8 | 9'- 9 | 10'- 1 |
| | 2x12x18 ga | 9'- 9 | 11'- 11 | 11'- 10 |
| | 2x12x16 ga | 10'- 8 | 13'- 6 | 12'- 8 |
| 6.50 (t=4.50) 53 PSF | 2x12x22 ga | 7'- 2 | 8'- 3 | 8'- 4 |
| | 2x12x20 ga | 8'- 5 | 9'- 5 | 9'- 9 |
| | 2x12x18 ga | 9'- 5 | 11'- 6 | 11'- 7 |
| | 2x12x16 ga | 10'- 4 | 13'- 1 | 12'- 4 |

Note
Web crippling and shear have not been accounted for in these tables. Required bearing should be determined based on specific span conditions.

Composite Deck-Slab Allowable Superimposed Load (ASD), PSF**22 ga Normalweight Concrete (145 pcf, f'c = 3,000 psi)**

| Slab Thickness (Inches) | Weight (psf) | 7'-0 | 7'-6 | 8'-0" | 8'-6 | 9'-0 | 9'-6 | 10'-0 |
|-------------------------|--------------|------|------|-------|------|------|------|-------|
| 4 | 39 | 325 | 280 | 243 | 213 | 188 | 166 | 148 |
| 4.5 | 45 | 394 | 340 | 296 | 259 | 228 | 202 | 180 |
| 5 | 51 | 400 | 400 | 350 | 307 | 271 | 240 | 214 |
| 5.5 | 57 | 400 | 400 | 400 | 357 | 315 | 279 | 249 |
| 6 | 63 | 400 | 400 | 400 | 400 | 359 | 319 | 284 |
| 6.5 | 69 | 400 | 400 | 400 | 400 | 400 | 359 | 321 |

| Slab Thickness (Inches) | 10'-6 | 11'-0 | 11'-6 | 12'-0 | 12'-6 | 13'-0 | 13'-6 | 14'-0 |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 4 | 132 | 118 | 106 | 96 | 86 | 78 | 71 | 64 |
| 4.5 | 161 | 144 | 130 | 117 | 106 | 96 | 87 | 79 |
| 5 | 191 | 172 | 155 | 140 | 126 | 115 | 104 | 95 |
| 5.5 | 222 | 200 | 180 | 163 | 147 | 134 | 122 | 111 |
| 6 | 255 | 229 | 206 | 186 | 169 | 154 | 140 | 127 |
| 6.5 | 287 | 258 | 233 | 211 | 191 | 174 | 158 | 144 |

20 ga Normalweight Concrete (145 pcf, f'c = 3,000 psi)

| Slab Thickness (Inches) | Weight (psf) | 7'-0 | 7'-6 | 8'-0 | 8'-6 | 9'-0 | 9'-6 | 10'-0 |
|-------------------------|--------------|------|------|------|------|------|------|-------|
| 4 | 39 | 393 | 339 | 296 | 259 | 229 | 203 | 181 |
| 4.5 | 45 | 400 | 400 | 359 | 315 | 278 | 247 | 220 |
| 5 | 51 | 400 | 400 | 400 | 373 | 329 | 293 | 261 |
| 5.5 | 57 | 400 | 400 | 400 | 400 | 383 | 340 | 304 |
| 6 | 63 | 400 | 400 | 400 | 400 | 400 | 389 | 347 |
| 6.5 | 69 | 400 | 400 | 400 | 400 | 400 | 400 | 391 |

| Slab Thickness (Inches) | 10'-6 | 11'-0 | 11'-6 | 12'-0 | 12'-6 | 13'-0 | 13'-6 | 14'-0 |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 4 | 162 | 146 | 132 | 119 | 108 | 98 | 89 | 82 |
| 4.5 | 197 | 178 | 160 | 145 | 132 | 120 | 109 | 100 |
| 5 | 234 | 211 | 190 | 173 | 157 | 143 | 130 | 119 |
| 5.5 | 272 | 245 | 222 | 201 | 183 | 166 | 152 | 139 |
| 6 | 312 | 281 | 254 | 230 | 209 | 191 | 174 | 160 |
| 6.5 | 351 | 317 | 286 | 260 | 236 | 216 | 197 | 180 |

18 ga Normalweight Concrete (145 pcf, f'c = 3,000 psi)

| Slab Thickness (Inches) | Weight (psf) | 7'-0 | 7'-6 | 8'-0 | 8'-6 | 9'-0 | 9'-6 | 10'-0 |
|-------------------------|--------------|------|------|------|------|------|------|-------|
| 4 | 39 | 400 | 400 | 389 | 342 | 303 | 269 | 241 |
| 4.5 | 45 | 400 | 400 | 400 | 400 | 367 | 326 | 292 |
| 5 | 51 | 400 | 400 | 400 | 400 | 400 | 387 | 346 |
| 5.5 | 57 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| 6 | 63 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| 6.5 | 69 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |

| Slab Thickness (Inches) | 10'-6 | 11'-0 | 11'-6 | 12'-0 | 12'-6 | 13'-0 | 13'-6 | 14'-0 |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 4 | 216 | 195 | 177 | 160 | 146 | 133 | 122 | 112 |
| 4.5 | 263 | 237 | 215 | 195 | 178 | 162 | 149 | 136 |
| 5 | 311 | 281 | 255 | 231 | 211 | 193 | 177 | 162 |
| 5.5 | 362 | 327 | 296 | 269 | 246 | 225 | 206 | 189 |
| 6 | 400 | 374 | 339 | 308 | 281 | 257 | 236 | 217 |
| 6.5 | 400 | 400 | 382 | 348 | 318 | 291 | 267 | 245 |

16 ga Normalweight Concrete (145 pcf, f'c = 3,000 psi)

| Slab Thickness (Inches) | Weight (psf) | 7'-0 | 7'-6 | 8'-0 | 8'-6 | 9'-0 | 9'-6 | 10'-0 |
|-------------------------|--------------|------|------|------|------|------|------|-------|
| 4 | 39 | 400 | 400 | 400 | 400 | 377 | 336 | 301 |
| 4.5 | 45 | 400 | 400 | 400 | 400 | 400 | 400 | 365 |
| 5 | 51 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| 5.5 | 57 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| 6 | 63 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| 6.5 | 69 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |

| Slab Thickness (Inches) | 10'-6 | 11'-0 | 11'-6 | 12'-0 | 12'-6 | 13'-0 | 13'-6 | 14'-0 |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 4 | 271 | 245 | 222 | 202 | 185 | 169 | 155 | 143 |
| 4.5 | 328 | 297 | 269 | 245 | 224 | 205 | 188 | 173 |
| 5 | 389 | 352 | 320 | 291 | 266 | 244 | 224 | 206 |
| 5.5 | 400 | 400 | 372 | 339 | 310 | 284 | 261 | 240 |
| 6 | 400 | 400 | 400 | 388 | 355 | 325 | 299 | 276 |
| 6.5 | 400 | 400 | 400 | 400 | 400 | 368 | 338 | 312 |

22 ga Lightweight Concrete (115 pcf, f'c = 3,000 psi)

| Slab Thickness (Inches) | Weight (psf) | 7'-0 | 7'-6 | 8'-0 | 8'-6 | 9'-0 | 9'-6 | 10'-0 |
|-------------------------|--------------|------|------|------|------|------|------|-------|
| 4 | 31 | 315 | 272 | 237 | 208 | 184 | 163 | 145 |
| 4.5 | 35 | 384 | 332 | 289 | 254 | 224 | 199 | 178 |
| 5 | 39 | 400 | 394 | 344 | 302 | 267 | 237 | 212 |
| 5.5 | 44 | 400 | 400 | 400 | 351 | 311 | 276 | 247 |
| 6 | 48 | 400 | 400 | 400 | 400 | 356 | 317 | 283 |
| 6.5 | 53 | 400 | 400 | 400 | 400 | 400 | 357 | 319 |

| Slab Thickness (Inches) | 10'-6 | 11'-0 | 11'-6 | 12'-0 | 12'-6 | 13'-0 | 13'-6 | 14'-0 |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 4 | 130 | 117 | 106 | 96 | 87 | 79 | 72 | 66 |
| 4.5 | 160 | 144 | 130 | 118 | 107 | 97 | 89 | 81 |
| 5 | 190 | 171 | 155 | 141 | 128 | 116 | 106 | 97 |
| 5.5 | 222 | 200 | 181 | 164 | 149 | 136 | 124 | 114 |
| 6 | 254 | 229 | 207 | 188 | 171 | 156 | 143 | 131 |
| 6.5 | 287 | 259 | 234 | 213 | 193 | 177 | 162 | 148 |

20 ga Lightweight Concrete (115 pcf, f'c = 3,000 psi)

| Slab Thickness (Inches) | Weight (psf) | 7'-0 | 7'-6 | 8'-0 | 8'-6 | 9'-0 | 9'-6 | 10'-0 |
|-------------------------|--------------|------|------|------|------|------|------|-------|
| 4 | 31 | 380 | 329 | 287 | 252 | 223 | 198 | 177 |
| 4.5 | 35 | 400 | 400 | 349 | 307 | 272 | 242 | 216 |
| 5 | 39 | 400 | 400 | 400 | 365 | 323 | 287 | 257 |
| 5.5 | 44 | 400 | 400 | 400 | 400 | 375 | 334 | 299 |
| 6 | 48 | 400 | 400 | 400 | 400 | 400 | 383 | 343 |
| 6.5 | 53 | 400 | 400 | 400 | 400 | 400 | 400 | 387 |

| Slab Thickness (Inches) | 10'-6 | 11'-0 | 11'-6 | 12'-0 | 12'-6 | 13'-0 | 13'-6 | 14'-0 |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 4 | 159 | 143 | 130 | 118 | 107 | 98 | 89 | 82 |
| 4.5 | 194 | 175 | 159 | 144 | 131 | 120 | 110 | 101 |
| 5 | 231 | 209 | 189 | 172 | 157 | 143 | 131 | 120 |
| 5.5 | 269 | 243 | 220 | 200 | 183 | 167 | 153 | 140 |
| 6 | 309 | 279 | 253 | 230 | 210 | 192 | 176 | 162 |
| 6.5 | 348 | 315 | 285 | 260 | 237 | 217 | 199 | 183 |

18 ga Lightweight Concrete (115 pcf, f'c = 3,000 psi)

| Slab Thickness (Inches) | Weight (psf) | 7'-0 | 7'-6 | 8'-0 | 8'-6 | 9'-0 | 9'-6 | 10'-0 |
|-------------------------|--------------|------|------|------|------|------|------|-------|
| 4 | 31 | 400 | 400 | 375 | 330 | 292 | 261 | 233 |
| 4.5 | 35 | 400 | 400 | 400 | 400 | 355 | 317 | 284 |
| 5 | 39 | 400 | 400 | 400 | 400 | 400 | 376 | 337 |
| 5.5 | 44 | 400 | 400 | 400 | 400 | 400 | 400 | 393 |
| 6 | 48 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| 6.5 | 53 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |

| Slab Thickness (Inches) | 10'-6 | 11'-0 | 11'-6 | 12'-0 | 12'-6 | 13'-0 | 13'-6 | 14'-0 |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 4 | 210 | 190 | 172 | 157 | 143 | 131 | 120 | 110 |
| 4.5 | 256 | 231 | 210 | 191 | 174 | 160 | 147 | 135 |
| 5 | 304 | 275 | 250 | 227 | 208 | 191 | 175 | 161 |
| 5.5 | 354 | 320 | 291 | 265 | 242 | 222 | 204 | 188 |
| 6 | 400 | 367 | 334 | 304 | 278 | 255 | 234 | 216 |
| 6.5 | 400 | 400 | 377 | 344 | 314 | 288 | 265 | 244 |

16 ga Lightweight Concrete (115 pcf, f'c = 3,000 psi)

| Slab Thickness (Inches) | Weight (psf) | 7'-0 | 7'-6 | 8'-0 | 8'-6 | 9'-0 | 9'-6 | 10'-0 |
|-------------------------|--------------|------|------|------|------|------|------|-------|
| 4 | 31 | 400 | 400 | 400 | 400 | 362 | 323 | 290 |
| 4.5 | 35 | 400 | 400 | 400 | 400 | 400 | 392 | 352 |
| 5 | 39 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| 5.5 | 44 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| 6 | 48 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| 6.5 | 53 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |

| Slab Thickness (Inches) | 10'-6 | 11'-0 | 11'-6 | 12'-0 | 12'-6 | 13'-0 | 13'-6 | 14'-0 |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 4 | 261 | 236 | 215 | 196 | 179 | 164 | 151 | 139 |
| 4.5 | 317 | 287 | 261 | 238 | 218 | 200 | 184 | 170 |
| 5 | 377 | 342 | 311 | 284 | 260 | 238 | 219 | 202 |
| 5.5 | 400 | 398 | 362 | 330 | 303 | 278 | 256 | 236 |
| 6 | 400 | 400 | 400 | 380 | 348 | 319 | 294 | 272 |
| 6.5 | 400 | 400 | 400 | 400 | 393 | 361 | 333 | 307 |