

# ACCUFORM METALS LTD.

## AFCD 3-26 COMPOSITE DECK

### TECHNICAL NOTES (METRIC UNITS)

#### Material Properties

1. The composite steel deck AFCD 3-26 is the AFRD 3-26 roof deck with embossments rolled into the web elements to achieve the composite interlocking capacity between the steel deck and concrete.
2. Steel deck section properties were calculated in accordance with CSA S136-16.
3. Steel conforms to ASTM A653M SS Grade 275 with Z275 (Galvanized) surface coating.
4. Concrete is based on normal density of 2300 kg/m<sup>3</sup> and having a minimum compressive strength of 20 MPa.

#### Load Table

1. Loads are maximum specified uniformly distributed loads resulting from human occupancy and should not be used for concentrated loads.  
Maximum specified load from load table must be  $\geq [LL + (1.25/1.5)DL]$ ;  
Where LL = specified live load;  
DL = specified dead load;
2. Loads greater than **20 kPa** are commonly the result of large concentrated moving loads. In such cases, contact **ACCUFORM METAL**.
3. The AFCD 3-26 steel deck provides the positive reinforcement for the simply supported composite slab and no additional reinforcing steel is required. To control shrinkage and temperature cracking, it is the responsibility of the design engineer to provide the minimum shrinkage and temperature reinforcement as specified in CSSBI S3-2019.
4. *Shoring requirements shown in shaded areas of the load table were established in accordance with CSSBI 12M-2024 and are based on a Light Duty uniform construction live load of 1 kPa. For Medium or Heavy Duty construction live loads contact **ACCUFORM METAL** for the maximum unshored spans. Minimum bearing length at end support is 75 mm and at mid-support 150 mm.*
5. To establish the shear-bond capacity of the composite slab system, laboratory tests were carried out at the Structures Laboratory at the University of Waterloo in accordance with CSSBI S2-2017.
6. Use of deflection parameter, DP  
$$W_d = \frac{DP \times 10^3}{DC \times (L)^3}$$
  
where:  
 $W_d$  = Maximum specified deflection load in kPa  
DP = Deflection parameter from load table  
DC = Deflection constant such as 360  
L = Span length in meters

7. All technical information and load tables were prepared by Dr. R.M. Schuster, P.Eng. Distinguished Professor Emeritus, University of Waterloo, Ontario.

#### EXAMPLE

Determine the specified uniformly distributed live load that can be placed on the AFCD 3-26 composite floor slab, given the following information:

##### Given:

- Steel deck thickness = 1.219 mm
- Yield stress = 275 MPa
- Overall slab depth = 140 mm
- Triple span, each = 4 m
- Specified superimposed dead load, DL = 1.3 kPa

##### Check Strength:

The maximum specified load in (**kPa**) from load table must be  $\geq [LL + 0.833(DL)]$ ,

where:

LL = specified live load

DL = specified superimposed dead load

From load table under 4 m span, the maximum specified load is **8.4 kPa**, therefore,  
 $8.4 \geq [LL + 0.833(1.3)]$  and solving for LL,

**LL = 7.3 kPa**

Since this is NOT in the shaded area, no shore support is required.

##### Note:

**The self-weight of the steel deck and concrete slab have already been accounted for in the maximum specified uniformly distributed load given in the composite slab load table.**

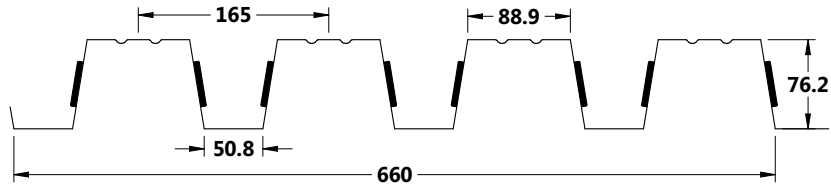
##### Check Deflection:

From table DP = 242 and assuming DC = 360

$W_d = 242 \times 10^3 / 360 / (4)^3 = \mathbf{10.5 \text{ kPa}}$

Since this is greater than 7.3 kPa, strength controls.

# AFCD 3-26 ACCUFORM COMPOSITE FLOOR SLAB—METRIC



| Steel Deck Section Properties<br>(Per metre of width) |                          |                                        |                                     |                                                        |         |                                                              | Composite Slab Properties<br>(Per metre of width)    |      |      |      |      |
|-------------------------------------------------------|--------------------------|----------------------------------------|-------------------------------------|--------------------------------------------------------|---------|--------------------------------------------------------------|------------------------------------------------------|------|------|------|------|
| Base Steel<br>Thickness<br>(mm)                       | Yield<br>Stress<br>(MPa) | Mass<br>(Z275)<br>(kg/m <sup>2</sup> ) | Area<br>Steel<br>(mm <sup>2</sup> ) | Section Modulus<br>(x10 <sup>3</sup> mm <sup>3</sup> ) |         | Deflection<br>Inertia<br>(x10 <sup>6</sup> mm <sup>4</sup> ) | Overall Slab Depth, D (mm)                           |      |      |      |      |
|                                                       |                          |                                        |                                     | Midspan                                                | Support |                                                              | 130                                                  | 140  | 150  | 160  | 170  |
| 0.762                                                 | 275                      | 12.0                                   | 1491                                | 23.2                                                   | 24.1    | 1.07                                                         | 2.06                                                 | 2.29 | 2.51 | 2.74 | 2.96 |
| 0.914                                                 | 275                      | 14.3                                   | 1789                                | 29.8                                                   | 30.5    | 1.34                                                         | Concrete Volume (m <sup>3</sup> /10 m <sup>2</sup> ) |      |      |      |      |
| 1.219                                                 | 275                      | 19.0                                   | 2386                                | 41.7                                                   | 43.7    | 1.89                                                         | 0.83                                                 | 0.93 | 1.03 | 1.13 | 1.23 |

| Maximum Specified Uniformly Distributed Loads (kPa) |                   |           |      |      |           |      |      |           |      |      |           |      |      |           |      |      |
|-----------------------------------------------------|-------------------|-----------|------|------|-----------|------|------|-----------|------|------|-----------|------|------|-----------|------|------|
| Slab Depth, D<br>(mm)                               |                   | 130       |      |      | 140       |      |      | 150       |      |      | 160       |      |      | 170       |      |      |
| Base Steel<br>(mm)                                  | Slab Span<br>(mm) | Deck Span |      |      | Deck Span |      |      | Deck Span |      |      | Deck Span |      |      | Deck Span |      |      |
|                                                     |                   | 1         | 2    | 3    | 1         | 2    | 3    | 1         | 2    | 3    | 1         | 2    | 3    | 1         | 2    | 3    |
| 0.762                                               | 2200              | 10.2      | 10.2 | 10.2 | 11.4      | 11.4 | 11.4 | 12.6      | 12.6 | 12.6 | 13.8      | 13.8 | 13.8 | 14.9      | 14.9 | 14.9 |
|                                                     | 2400              | 8.8       | 8.8  | 8.8  | 9.8       | 9.8  | 9.8  | 10.8      | 10.8 | 10.8 | 11.8      | 11.8 | 11.8 | 12.8      | 12.8 | 12.8 |
|                                                     | 2600              | 7.6       | 7.6  | 7.6  | 8.5       | 8.5  | 8.5  | 9.4       | 9.4  | 9.4  | 10.3      | 10.3 | 10.3 | 11.2      | 11.2 | 11.2 |
|                                                     | 2800              | 6.7       | 6.7  | 6.7  | 7.5       | 7.5  | 7.5  | 8.3       | 8.3  | 8.3  | 9.1       | 9.1  | 9.1  | 9.8       | 9.8  | 9.8  |
|                                                     | 3000              | 6.0       | 6.0  | 6.0  | 6.7       | 6.7  | 6.7  | 7.4       | 7.4  | 7.4  | 8.1       | 8.1  | 8.1  | 8.7       | 8.7  | 8.7  |
|                                                     | 3200              | 5.4       | 5.4  | 5.4  | 6.0       | 6.0  | 6.0  | 6.6       | 6.6  | 6.6  | 7.2       | 7.2  | 7.2  | 7.8       | 7.8  | 7.8  |
|                                                     | 3400              | 4.8       | 4.8  | 4.8  | 5.4       | 5.4  | 5.4  | 6.0       | 6.0  | 6.0  | 6.5       | 6.5  | 6.5  | 7.1       | 7.1  | 7.1  |
|                                                     | 3600              | 4.4       | 4.4  | 4.4  | 4.9       | 4.9  | 4.9  | 5.4       | 5.4  | 5.4  | 5.9       | 5.9  | 5.9  | 6.4       | 6.4  | 6.4  |
| 0.914                                               | 2400              | 11.3      | 11.3 | 11.3 | 12.6      | 12.6 | 12.6 | 13.9      | 13.9 | 13.9 | 15.2      | 15.2 | 15.2 | 16.5      | 16.5 | 16.5 |
|                                                     | 2600              | 9.9       | 9.9  | 9.9  | 11.0      | 11.0 | 11.0 | 12.2      | 12.2 | 12.2 | 13.3      | 13.3 | 13.3 | 14.5      | 14.5 | 14.5 |
|                                                     | 2800              | 8.8       | 8.8  | 8.8  | 9.8       | 9.8  | 9.8  | 10.8      | 10.8 | 10.8 | 11.8      | 11.8 | 11.8 | 12.8      | 12.8 | 12.8 |
|                                                     | 3000              | 7.8       | 7.8  | 7.8  | 8.8       | 8.8  | 8.8  | 9.7       | 9.7  | 9.7  | 10.6      | 10.6 | 10.6 | 11.5      | 11.5 | 11.5 |
|                                                     | 3200              | 7.1       | 7.1  | 7.1  | 7.9       | 7.9  | 7.9  | 8.7       | 8.7  | 8.7  | 9.5       | 9.5  | 9.5  | 10.4      | 10.4 | 10.4 |
|                                                     | 3400              | 6.4       | 6.4  | 6.4  | 7.2       | 7.2  | 7.2  | 7.9       | 7.9  | 7.9  | 8.7       | 8.7  | 8.7  | 9.4       | 9.4  | 9.4  |
|                                                     | 3600              | 5.9       | 5.9  | 5.9  | 6.6       | 6.6  | 6.6  | 7.2       | 7.2  | 7.2  | 7.9       | 7.9  | 7.9  | 8.6       | 8.6  | 8.6  |
|                                                     | 3800              | 5.4       | 5.4  | 5.4  | 6.0       | 6.0  | 6.0  | 6.7       | 6.7  | 6.7  | 7.3       | 7.3  | 7.3  | 7.9       | 7.9  | 7.9  |
| 1.219                                               | 2600              | 14.3      | 14.3 | 14.3 | 16.0      | 16.0 | 16.0 | 17.6      | 17.6 | 17.6 | 19.3      | 19.3 | 19.3 | 20.0      | 20.0 | 20.0 |
|                                                     | 2800              | 12.8      | 12.8 | 12.8 | 14.3      | 14.3 | 14.3 | 15.7      | 15.7 | 15.7 | 17.2      | 17.2 | 17.2 | 18.7      | 18.7 | 18.7 |
|                                                     | 3000              | 11.5      | 11.5 | 11.5 | 12.8      | 12.8 | 12.8 | 14.2      | 14.2 | 14.2 | 15.5      | 15.5 | 15.5 | 16.9      | 16.9 | 16.9 |
|                                                     | 3200              | 10.5      | 10.5 | 10.5 | 11.7      | 11.7 | 11.7 | 12.9      | 12.9 | 12.9 | 14.1      | 14.1 | 14.1 | 15.3      | 15.3 | 15.3 |
|                                                     | 3400              | 9.6       | 9.6  | 9.6  | 10.7      | 10.7 | 10.7 | 11.8      | 11.8 | 11.8 | 12.9      | 12.9 | 12.9 | 14.0      | 14.0 | 14.0 |
|                                                     | 3600              | 8.8       | 8.8  | 8.8  | 9.8       | 9.8  | 9.8  | 10.8      | 10.8 | 10.8 | 11.8      | 11.8 | 11.8 | 12.9      | 12.9 | 12.9 |
|                                                     | 3800              | 8.1       | 8.1  | 8.1  | 9.1       | 9.1  | 9.1  | 10.0      | 10.0 | 10.0 | 10.9      | 10.9 | 10.9 | 11.9      | 11.9 | 11.9 |
|                                                     | 4000              | 7.5       | 7.5  | 7.5  | 8.4       | 8.4  | 8.4  | 9.3       | 9.3  | 9.3  | 10.2      | 10.2 | 10.2 | 11.0      | 11.0 | 11.0 |
|                                                     | 4200              | 7.0       | 7.0  | 7.0  | 7.9       | 7.9  | 7.9  | 8.7       | 8.7  | 8.7  | 9.5       | 9.5  | 9.5  | 10.3      | 10.3 | 10.3 |
|                                                     | 4400              | 6.6       | 6.6  | 6.6  | 7.3       | 7.3  | 7.3  | 8.1       | 8.1  | 8.1  | 8.9       | 8.9  | 8.9  | 9.6       | 9.6  | 9.6  |
| 0.762                                               | DP                | 164       |      |      | 204       |      |      | 249       |      |      | 302       |      |      | 361       |      |      |
| 0.914                                               | DP                | 175       |      |      | 217       |      |      | 266       |      |      | 322       |      |      | 385       |      |      |
| 1.219                                               | DP                | 196       |      |      | 242       |      |      | 296       |      |      | 358       |      |      | 429       |      |      |

- NOTES:**
- One shore support required at midspan in shaded areas (CSSBI 12M-2024).
  - Slab weight of steel deck and concrete slab has been accounted for in the load table.
  - Shoring was based on Light Duty uniform construction live load of 1 kPa.
  - DP = deflection parameter.
  - See composite slab notes and design example.
  - Prepared by Dr. R.M. Schuster, Distinguished Professor Emeritus, University of Waterloo.

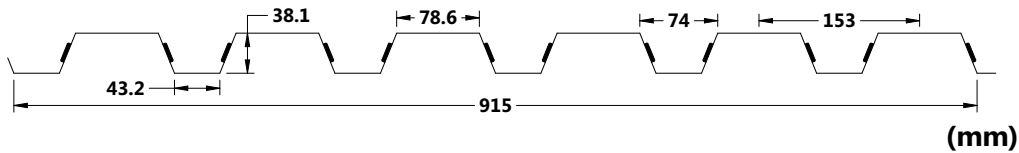
**ACCUFORM METAL LTD.**  
**AFCD 3-26 COMPOSITE DECK**  
**MAXIMUM UNSHORED SPANS (METRIC) 275 MPa**

| <b><math>W_{lc} = 2.4 \text{ kPa}</math></b> | <b>OVERALL SLAB DEPTHS (mm)</b> |            |            |            |            | <b><math>W_{lc} = 3.6 \text{ kPa}</math></b> | <b>OVERALL SLAB DEPTHS (mm)</b> |            |            |            |            |
|----------------------------------------------|---------------------------------|------------|------------|------------|------------|----------------------------------------------|---------------------------------|------------|------------|------------|------------|
| <b><math>t = 0.762 \text{ mm}</math></b>     | <b>130</b>                      | <b>140</b> | <b>150</b> | <b>160</b> | <b>170</b> | <b><math>t = 0.762 \text{ mm}</math></b>     | <b>130</b>                      | <b>140</b> | <b>150</b> | <b>160</b> | <b>170</b> |
| LMAX1 (mm)                                   | 2647                            | 2581       | 2520       | 2463       | 2410       | LMAX1 (mm)                                   | 2344                            | 2298       | 2255       | 2214       | 2175       |
| LMAX2 (mm)                                   | 2697                            | 2630       | 2568       | 2510       | 2456       | LMAX2 (mm)                                   | 2389                            | 2342       | 2298       | 2256       | 2217       |
| LMAX3 (mm)                                   | 2788                            | 2719       | 2654       | 2595       | 2538       | LMAX3 (mm)                                   | 2470                            | 2421       | 2375       | 2332       | 2291       |
| <b><math>t = 0.914 \text{ mm}</math></b>     |                                 |            |            |            |            | <b><math>t = 0.914 \text{ mm}</math></b>     |                                 |            |            |            |            |
| LMAX1 (mm)                                   | 2993                            | 2919       | 2850       | 2786       | 2726       | LMAX1 (mm)                                   | 2652                            | 2600       | 2551       | 2505       | 2461       |
| LMAX2 (mm)                                   | 3028                            | 2953       | 2883       | 2818       | 2758       | LMAX2 (mm)                                   | 2683                            | 2631       | 2581       | 2534       | 2490       |
| LMAX3 (mm)                                   | 3130                            | 3052       | 2980       | 2913       | 2851       | LMAX3 (mm)                                   | 2774                            | 2719       | 2668       | 2620       | 2574       |
| <b><math>t = 1.219 \text{ mm}</math></b>     |                                 |            |            |            |            | <b><math>t = 1.219 \text{ mm}</math></b>     |                                 |            |            |            |            |
| LMAX1 (mm)                                   | 3525                            | 3439       | 3358       | 3283       | 3213       | LMAX1 (mm)                                   | 3127                            | 3066       | 3009       | 2954       | 2903       |
| LMAX2 (mm)                                   | 3609                            | 3520       | 3438       | 3361       | 3289       | LMAX2 (mm)                                   | 3201                            | 3139       | 3080       | 3024       | 2972       |
| LMAX3 (mm)                                   | 3730                            | 3638       | 3553       | 3474       | 3400       | LMAX3 (mm)                                   | 3309                            | 3244       | 3184       | 3126       | 3072       |
| <b><math>t = 1.524 \text{ mm}</math></b>     |                                 |            |            |            |            | <b><math>t = 1.524 \text{ mm}</math></b>     |                                 |            |            |            |            |
| LMAX1 (mm)                                   | 3961                            | 3864       | 3775       | 3691       | 3613       | LMAX1 (mm)                                   | 3517                            | 3449       | 3384       | 3324       | 3266       |
| LMAX2 (mm)                                   | 4016                            | 3919       | 3828       | 3743       | 3663       | LMAX2 (mm)                                   | 3566                            | 3497       | 3432       | 3370       | 3312       |
| LMAX3 (mm)                                   | 4151                            | 4050       | 3956       | 3869       | 3787       | LMAX3 (mm)                                   | 3686                            | 3615       | 3547       | 3484       | 3423       |

**NOTES:**

- 1) Medium duty uniform construction live load  $W_{lc} = 2.4 \text{ kPa}$ .
  - 2) Heavy duty uniform construction live load  $W_{lc} = 3.6 \text{ kPa}$ .
  - 3) LMAX1 = Single span; LMAX2 = Double span; LMAX3 = Triple span.
  - 4) Web crippling - End bearing length = 75 mm; Interior bearing length = 150 mm.
  - 5) Based on CSSBI 12M-2024.
- R.M. Schuster, February 23, 2026

# AFCD 15-36 ACCUFORM COMPOSITE FLOOR SLAB - METRIC



| Steel Deck Section Properties<br>(Per metre of width) |                          |                           |                        |                               |         |                                     | Composite Slab Properties<br>(Per metre of width) |      |      |      |                   |
|-------------------------------------------------------|--------------------------|---------------------------|------------------------|-------------------------------|---------|-------------------------------------|---------------------------------------------------|------|------|------|-------------------|
| Base Steel<br>Thickness<br>(mm)                       | Yield<br>Stress<br>(MPa) | Mass<br>(Z275)<br>(kg/m²) | Area<br>Steel<br>(mm²) | Section Modulus<br>(x10³ mm³) |         | Deflection<br>Inertia<br>(x10⁶ mm⁴) | Overall Slab Depth, D (mm)                        |      |      |      |                   |
|                                                       |                          |                           |                        | Midspan                       | Support |                                     | 100                                               | 110  | 120  | 130  | 140               |
|                                                       |                          |                           |                        |                               |         |                                     |                                                   |      |      |      | Slab Weight (kPa) |
| 0.762                                                 | 275                      | 8.25                      | 1016                   | 9.78                          | 9.84    | 0.230                               | 1.88                                              | 2.11 | 2.34 | 2.56 | 2.79              |
| 0.914                                                 | 275                      | 9.85                      | 1219                   | 12.4                          | 12.5    | 0.289                               | Concrete Volume (m³/10 m²)                        |      |      |      |                   |
| 1.219                                                 | 275                      | 13.0                      | 1626                   | 16.9                          | 17.5    | 0.401                               | 0.77                                              | 0.87 | 0.97 | 1.07 | 1.17              |

| Maximum Specified Uniformly Distributed Loads (kPa) |                   |           |      |      |           |      |      |           |      |      |           |      |      |           |      |      |
|-----------------------------------------------------|-------------------|-----------|------|------|-----------|------|------|-----------|------|------|-----------|------|------|-----------|------|------|
| Slab Depth, D<br>(mm)                               |                   | 100       |      |      | 110       |      |      | 120       |      |      | 130       |      |      | 140       |      |      |
| Base Steel<br>(mm)                                  | Slab Span<br>(mm) | Deck Span |      |      | Deck Span |      |      | Deck Span |      |      | Deck Span |      |      | Deck Span |      |      |
|                                                     |                   | 1         | 2    | 3    | 1         | 2    | 3    | 1         | 2    | 3    | 1         | 2    | 3    | 1         | 2    | 3    |
| 0.762                                               | 1500              | 16.9      | 16.9 | 16.9 | 19.0      | 19.0 | 19.0 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 |
|                                                     | 1600              | 15.3      | 15.3 | 15.3 | 17.3      | 17.3 | 17.3 | 19.2      | 19.2 | 19.2 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 |
|                                                     | 1800              | 12.8      | 12.8 | 12.8 | 14.5      | 14.5 | 14.5 | 16.2      | 16.2 | 16.2 | 17.8      | 17.8 | 17.8 | 19.5      | 19.5 | 19.5 |
|                                                     | 2000              | 11.0      | 11.0 | 11.0 | 12.4      | 12.4 | 12.4 | 13.8      | 13.8 | 13.8 | 15.3      | 15.3 | 15.3 | 16.7      | 16.7 | 16.7 |
|                                                     | 2200              | 9.6       | 9.6  | 9.6  | 10.8      | 10.8 | 10.8 | 12.1      | 12.1 | 12.1 | 13.3      | 13.3 | 13.3 | 14.6      | 14.6 | 14.6 |
|                                                     | 2400              | 8.5       | 8.5  | 8.5  | 9.6       | 9.6  | 9.6  | 10.7      | 10.7 | 10.7 | 11.8      | 11.8 | 11.8 | 12.9      | 12.9 | 12.9 |
|                                                     | 2600              | 7.6       | 7.6  | 7.6  | 8.6       | 8.6  | 8.6  | 9.5       | 9.5  | 9.5  | 10.5      | 10.5 | 10.5 | 11.5      | 11.5 | 11.5 |
| 0.914                                               | 1500              | 19.8      | 19.8 | 19.8 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 |
|                                                     | 1600              | 18.1      | 18.1 | 18.1 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 |
|                                                     | 1800              | 15.4      | 15.4 | 15.4 | 17.4      | 17.4 | 17.4 | 19.4      | 19.4 | 19.4 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 |
|                                                     | 2000              | 13.3      | 13.3 | 13.3 | 15.0      | 15.0 | 15.0 | 16.8      | 16.8 | 16.8 | 18.5      | 18.5 | 18.5 | 20.0      | 20.0 | 20.0 |
|                                                     | 2200              | 11.7      | 11.7 | 11.7 | 13.2      | 13.2 | 13.2 | 14.8      | 14.8 | 14.8 | 16.3      | 16.3 | 16.3 | 17.8      | 17.8 | 17.8 |
|                                                     | 2400              | 10.4      | 10.4 | 10.4 | 11.8      | 11.8 | 11.8 | 13.2      | 13.2 | 13.2 | 14.5      | 14.5 | 14.5 | 15.9      | 15.9 | 15.9 |
|                                                     | 2600              | 9.4       | 9.4  | 9.4  | 10.6      | 10.6 | 10.6 | 11.9      | 11.9 | 11.9 | 13.1      | 13.1 | 13.1 | 14.3      | 14.3 | 14.3 |
| 1.219                                               | 1500              | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 |
|                                                     | 1600              | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 |
|                                                     | 1800              | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 |
|                                                     | 2000              | 17.9      | 17.9 | 17.9 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 |
|                                                     | 2200              | 15.9      | 15.9 | 15.9 | 18.0      | 18.0 | 18.0 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 | 20.0      | 20.0 | 20.0 |
|                                                     | 2400              | 14.3      | 14.3 | 14.3 | 16.2      | 16.2 | 16.2 | 18.1      | 18.1 | 18.1 | 19.9      | 19.9 | 19.9 | 20.0      | 20.0 | 20.0 |
|                                                     | 2600              | 13.0      | 13.0 | 13.0 | 14.7      | 14.7 | 14.7 | 16.4      | 16.4 | 16.4 | 18.1      | 18.1 | 18.1 | 19.8      | 19.8 | 19.8 |
|                                                     | 2800              | 11.9      | 11.9 | 11.9 | 13.5      | 13.5 | 13.5 | 15.0      | 15.0 | 15.0 | 16.6      | 16.6 | 16.6 | 18.1      | 18.1 | 18.1 |
|                                                     | 3000              | 11.0      | 11.0 | 11.0 | 12.4      | 12.4 | 12.4 | 13.9      | 13.9 | 13.9 | 15.3      | 15.3 | 15.3 | 16.7      | 16.7 | 16.7 |
| 0.762                                               | DP                | 81.0      |      |      | 108       |      |      | 139       |      |      | 177       |      |      | 220       |      |      |
| 0.914                                               | DP                | 86.7      |      |      | 115       |      |      | 149       |      |      | 188       |      |      | 234       |      |      |
| 1.219                                               | DP                | 96.9      |      |      | 128       |      |      | 166       |      |      | 210       |      |      | 261       |      |      |

- NOTES:**
- One shore support required at midspan in shaded areas (CSSBI 12M-2024).
  - Slab weight of steel deck and concrete slab has been accounted for in the load table.
  - Shoring was based on Light Duty uniform construction live load of 1 kPa.
  - DP = deflection parameter.
  - See composite slab notes and design example.
  - Prepared by Dr. R.M. Schuster, Distinguished Professor Emeritus, University of Waterloo.