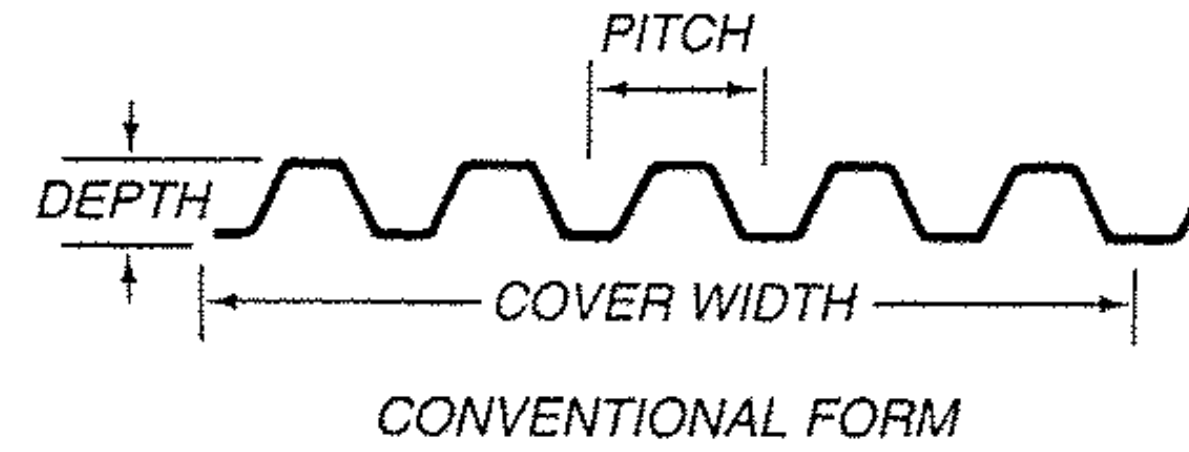


WHEELING BRIDGE DECKING



All deck forms are roll formed from various grades (see table) of Structural Quality Galvanized Sheet Steel conforming to ASTM Designation A-653. Finish is Hot Dipped Galvanized conforming to ASTM Designation A-924. Standard coating weight is G165. In highly corrosive environments, G235 is recommended

Section Properties (per ft. of width)

GAGE	FORM TYPE	8.5P	Strongweb	Super 8
	DEPTH	2"	2-1/2"	3"
	PITCH	8-1/2"	8"	8"
	COVER WIDTH	34"	32"	24"
22 .0299	Section Modulus In. ³ Moment of inertia In. ⁴ Weight PSF	.276 .328 1.780	.382 .518 1.900	.453 .814 2.310
21 .0329	Section Modulus In. ³ Moment of inertia In. ⁴ Weight PSF	.305 .367 1.950	.420 .571 2.080	.504 .923 2.530
20 .0359	Section Modulus In. ³ Moment of inertia In. ⁴ Weight PSF	.334 .403 2.110	.457 .623 2.250	.554 1.026 2.740
19 .0418	Section Modulus In. ³ Moment of inertia In. ⁴ Weight PSF	.390 .469 2.440	.532 .726 2.600	.652 1.230 3.170
18 .0478	Section Modulus In. ³ Moment of inertia In. ⁴ Weight PSF	.446 .537 2.810	.606 .831 2.950	.754 1.413 3.670
17 .0538	Section Modulus In. ³ Moment of inertia In. ⁴ Weight PSF	.501 .605 3.150	.681 .936 3.300	.848 1.592 4.110
16 .0598	Section Modulus In. ³ Moment of inertia In. ⁴ Weight PSF	.556 .673 3.480	.756 1.041 3.660	.942 1.772 4.540
15 .0673	Section Modulus In. ³ Moment of inertia In. ⁴ Weight PSF	.625 .758 3.900	.849 1.182 4.090	
14 .0747	Section Modulus In. ³ Moment of inertia In. ⁴ Weight PSF	.692 .842 4.320	.949 1.319 4.530	

Allowable bending stress (Fb) = 0.725 Fy (19 Ga and thinner are formed from Grade 80 Steel Greater thicknesses utilize Grade 40 Steel.)

Other Wheeling Products for the Construction Industry
Steel Roof Deck • Form Deck • Composite Floor Deck



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