

9/16" FORM DECK	Sectional Properties				
	Type	Design Thickness	In. ⁴ /Ft.	Sp In. ³ /Ft.	S _n In. ³ /Ft.
	28	0.0149	0.011	0.034	0.034
	26	0.0179	0.013	0.041	0.041
	24	0.0239	0.018	0.055	0.055
	22	0.0295	0.022	0.067	0.067

MAXIMUM ALLOWABLE UNSHORED CONSTRUCTION CLEAR SPANS							
Total Slab Depth	Deck Type	Normal Weight Concrete 145 PCF			Lightweight Concrete 115 PCF		
		1 Span	2 Span	3 Span	1 Span	2 Span	3 Span
		2 1/2"	28	2' - 1"	2' - 9"	2' - 9"	2' - 2"
	26	2' - 6"	3' - 2"	3' - 3"	2' - 7"	3' - 4"	3' - 4"
	24	3' - 1"	4' - 0"	4' - 1"	3' - 3"	4' - 2"	4' - 3"
	22	3' - 7"	4' - 8"	4' - 9"	3' - 9"	4' - 11"	5' - 0"
3"	28	2' - 0"	2' - 7"	2' - 8"	2' - 1"	2' - 9"	2' - 9"
	26	2' - 4"	3' - 1"	3' - 1"	2' - 6"	3' - 2"	3' - 3"
	24	2' - 11"	3' - 10"	3' - 10"	3' - 1"	4' - 0"	4' - 1"
	22	3' - 5"	4' - 6"	4' - 6"	3' - 7"	4' - 8"	4' - 9"
3 1/2"	28	2' - 0"	2' - 7"	2' - 7"	2' - 1"	2' - 8"	2' - 8"
	26	2' - 3"	3' - 0"	3' - 0"	2' - 5"	3' - 1"	3' - 2"
	24	2' - 9"	3' - 8"	3' - 9"	3' - 0"	3' - 10"	3' - 11"
	22	3' - 3"	4' - 3"	4' - 4"	3' - 5"	4' - 6"	4' - 7"
4"	28	1' - 11"	2' - 6"	2' - 6"	2' - 0"	2' - 7"	2' - 7"
	26	2' - 2"	2' - 10"	2' - 11"	2' - 4"	3' - 0"	3' - 1"
	24	2' - 8"	3' - 7"	3' - 7"	2' - 10"	3' - 9"	3' - 10"
	22	3' - 1"	4' - 1"	4' - 2"	3' - 4"	4' - 4"	4' - 5"
4 1/2"	28	1' - 10"	2' - 5"	2' - 5"	1' - 11"	2' - 6"	2' - 7"
	26	2' - 1"	2' - 9"	2' - 10"	2' - 3"	2' - 11"	3' - 0"
	24	2' - 7"	3' - 5"	3' - 6"	2' - 9"	3' - 8"	3' - 8"
	22	3' - 0"	4' - 0"	4' - 0"	3' - 3"	4' - 3"	4' - 4"
5"	28	1' - 9"	2' - 4"	2' - 4"	1' - 11"	2' - 6"	2' - 6"
	26	2' - 1"	2' - 9"	2' - 9"	2' - 2"	2' - 10"	2' - 11"
	24	2' - 6"	3' - 4"	3' - 4"	2' - 8"	3' - 7"	3' - 7"
	22	2' - 11"	3' - 10"	3' - 11"	3' - 1"	4' - 1"	4' - 2"

All data taken from manufacturer's catalogs and is presented for estimating purposes only. All loads are governed by the allowable flexural stress limit of 36,000 psi for 80,000 psi minimum yield steel.

Section properties have been determined in accordance with the American Iron and Steel Institute's Specifications for the Design of Cold Formed Steel Structural Members.

Revised: 3/8/2006

CARRON AND COMPANY