



NUCOR STEEL MARION, INC.
 912 CHENEY AVE, MARION, OH 43302
 Phone: (740) 383-4011 Fax: (740) 383-9680
 www.nucorhighway.com

**POST WINDLOAD
 CAPACITY TABLE**

SIZES: 1.75#, 2.00#, 2.50#, 3.00#, 4.00#

Rib-Bak 175-400 Sign Post Selection Table, AASHTO 2009
 Basic Wind Speed (3-sec gust) = 85 mph
 Recurrence Interval = 10 years
 Fy = 80,000 psi
 Number of Posts = 1

W = Sign Panel Width (ft)
 H = Sign Panel Height (ft)
 U = Max Under-Panel Clearance to Ground (ft)

H	U	W											
		1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	
1	7	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	3.00 lbs/ft
1	7.5	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	3.00 lbs/ft
1	8	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	3.00 lbs/ft
1	8.5	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	3.00 lbs/ft
1	9	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	3.00 lbs/ft
1	9.5	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft
1	10	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft
1	10.5	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft
1	11	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft
1	11.5	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft
1	12	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft
1.5	7	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft
1.5	7.5	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft
1.5	8	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft
1.5	8.5	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft
1.5	9	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft
1.5	9.5	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft
1.5	10	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---
1.5	10.5	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---
1.5	11	1.75 lbs/ft	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---
1.5	11.5	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---
1.5	12	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---
2	7	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---
2	7.5	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---
2	8	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---
2	8.5	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---
2	9	1.75 lbs/ft	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---
2	9.5	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---
2	10	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---
2	10.5	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---
2	11	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---
2	11.5	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---
2	12	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---
2.5	7	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---
2.5	7.5	1.75 lbs/ft	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---
2.5	8	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---
2.5	8.5	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---
2.5	9	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---
2.5	9.5	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---
2.5	10	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---
2.5	10.5	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---
2.5	11	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---
2.5	11.5	2.00 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---
2.5	12	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---
3	7	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---
3	7.5	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---
3	8	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---
3	8.5	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---
3	9	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---
3	9.5	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---
3	10	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---
3	10.5	2.00 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---
3	11	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---
3	11.5	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---
3	12	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---
3.5	7	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---
3.5	7.5	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---

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H	U	W											
		1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	
6	10	3.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6	10.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6	11	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6	11.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6	12	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	7	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
6.5	7.5	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
6.5	8	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
6.5	8.5	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
6.5	9	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
6.5	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	10	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	10.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	11	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	11.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	12	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7	7	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
7	7.5	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
7	8	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
7	8.5	3.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7	10	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7	10.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7	11	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7	11.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7	12	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7.5	7	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
7.5	7.5	3.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7.5	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7.5	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7.5	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7.5	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7.5	10	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7.5	10.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7.5	11	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
8	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
8	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
8	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
8	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
8	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
8	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
8	10	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
8.5	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
8.5	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
8.5	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
8.5	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
8.5	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
9	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
9	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
9	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
9	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
9.5	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
9.5	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
9.5	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
10	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---



TABLE SHOWS MINIMUM ACCEPTABLE POST WEIGHT FOR A
 GIVEN SIGN PANEL HEIGHT, SIGN PANEL WIDTH,
 AND SIGN PANEL UNDER CLEARANCE FROM GROUNDLINE.



NUCOR STEEL MARION, INC.

912 CHENEY AVE, MARION, OH 43302

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H	U	W										
		1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
1	7	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft
1	7.5	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft
1	8	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft
1	8.5	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft
1	9	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft
1	9.5	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft
1	10	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft
1	10.5	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft
1	11	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft
1	11.5	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft
1	12	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft
1.5	7	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft
1.5	7.5	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft
1.5	8	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft
1.5	8.5	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---
1.5	9	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---
1.5	9.5	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---
1.5	10	1.75 lbs/ft	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---
1.5	10.5	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---
1.5	11	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---
1.5	11.5	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---
1.5	12	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---
2	7	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---
2	7.5	1.75 lbs/ft	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---
2	8	1.75 lbs/ft	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---
2	8.5	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---
2	9	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---
2	9.5	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---
2	10	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---
2	10.5	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---
2	11	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---
2	11.5	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---
2	12	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---
2.5	7	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---
2.5	7.5	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---
2.5	8	1.75 lbs/ft	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---
2.5	8.5	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---
2.5	9	1.75 lbs/ft	2.50 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---
2.5	9.5	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---
2.5	10	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---
2.5	10.5	2.00 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---
2.5	11	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---
2.5	11.5	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---
2.5	12	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---
3	7	1.75 lbs/ft	2.00 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---
3	7.5	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---
3	8	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---
3	8.5	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---
3	9	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---
3	9.5	2.00 lbs/ft	3.00 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---
3	10	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---
3	10.5	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---
3	11	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---
3	11.5	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---
3	12	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---
3.5	7	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---
3.5	7.5	1.75 lbs/ft	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---



NUCOR STEEL MARION, INC.
 912 CHENEY AVE, MARION, OH 43302
 Phone: (740) 383-4011 Fax: (740) 383-9680
 www.nucorhighway.com

**POST WINDLOAD
 CAPACITY TABLE**

SIZES: 1.75#, 2.00#, 2.50#, 3.00#, 4.00#

Rib-Bak 175-400 Sign Post Selection Table, AASHTO 2009
 Basic Wind Speed (3-sec gust) = 90 mph
 Recurrence Interval = 10 years
 Fy = 80,000 psi
 Number of Posts = 1

W = Sign Panel Width (ft)
 H = Sign Panel Height (ft)
 U = Max Under-Panel Clearance to Ground (ft)

H	U	W											
		1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	
6	10	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6	10.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6	11	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6	11.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6	12	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	7	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
6.5	7.5	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
6.5	8	3.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	10	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	10.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	11	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	11.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7	7	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
7	7.5	3.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7	10	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7	10.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7.5	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7.5	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7.5	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7.5	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7.5	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7.5	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
8	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
8	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
8	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
8	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
8.5	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
8.5	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
8.5	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
9	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
9	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---



TABLE SHOWS MINIMUM ACCEPTABLE POST WEIGHT FOR A
 GIVEN SIGN PANEL HEIGHT, SIGN PANEL WIDTH,
 AND SIGN PANEL UNDER CLEARANCE FROM GROUNDLINE.

NUCOR

NUCOR STEEL MARION, INC.
 912 CHENEY AVE, MARION, OH 43302
 Phone: (740) 383-4011 Fax: (740) 383-9680
 www.nucorhighway.com

POST WINDLOAD CAPACITY TABLE

SIZES: 1.75#, 2.00#, 2.50#, 3.00#, 4.00#

Rib-Bak 175-400 Sign Post Selection Table, AASHTO 2009
 Basic Wind Speed (3-sec gust) = 100 mph
 Recurrence Interval = 10 years
 Fy = 80,000 psi
 Number of Posts = 1

W = Sign Panel Width (ft)
 H = Sign Panel Height (ft)
 U = Max Under-Panel Clearance to Ground (ft)

H	U	W											
		1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	
6.5	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7.5	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
7.5	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---



TABLE SHOWS MINIMUM ACCEPTABLE POST WEIGHT FOR A
 GIVEN SIGN PANEL HEIGHT, SIGN PANEL WIDTH,
 AND SIGN PANEL UNDER CLEARANCE FROM GROUNDLINE.

v2011.12

NUCOR

NUCOR STEEL MARION, INC.
 912 CHENEY AVE, MARION, OH 43302
 Phone: (740) 383-4011 Fax: (740) 383-9680
 www.nucorhighway.com

POST WINDLOAD CAPACITY TABLE

SIZES: 1.75#, 2.00#, 2.50#, 3.00#, 4.00#

Rib-Bak 175-400 Sign Post Selection Table, AASHTO 2009
 Basic Wind Speed (3-sec gust) = 110 mph
 Recurrence Interval = 10 years
 Fy = 80,000 psi
 Number of Posts = 1

W = Sign Panel Width (ft)
 H = Sign Panel Height (ft)
 U = Max Under-Panel Clearance to Ground (ft)

H	U	W											
		1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	
3.5	8	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
3.5	8.5	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
3.5	9	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
3.5	9.5	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
3.5	10	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
3.5	10.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
3.5	11	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
3.5	11.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
3.5	12	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4	7	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
4	7.5	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
4	8	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
4	8.5	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
4	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4	10	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4	10.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4	11	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4	11.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4.5	7	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
4.5	7.5	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
4.5	8	3.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4.5	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4.5	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4.5	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4.5	10	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4.5	10.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5	7	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
5	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5.5	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5.5	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5.5	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5.5	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5.5	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---



TABLE SHOWS MINIMUM ACCEPTABLE POST WEIGHT FOR A
 GIVEN SIGN PANEL HEIGHT, SIGN PANEL WIDTH,
 AND SIGN PANEL UNDER CLEARANCE FROM GROUNDLINE.

NUCOR

NUCOR STEEL MARION, INC.
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 Phone: (740) 383-4011 Fax: (740) 383-9680
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POST WINDLOAD CAPACITY TABLE

SIZES: 1.75#, 2.00#, 2.50#, 3.00#, 4.00#

Rib-Bak 175-400 Sign Post Selection Table, AASHTO 2009
 Basic Wind Speed (3-sec gust) = 120 mph
 Recurrence Interval = 10 years
 Fy = 80,000 psi
 Number of Posts = 1

W = Sign Panel Width (ft)
 H = Sign Panel Height (ft)
 U = Max Under-Panel Clearance to Ground (ft)

H	U	W											
		1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	
3.5	8	2.50 lbs/ft	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
3.5	8.5	3.00 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
3.5	9	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
3.5	9.5	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
3.5	10	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
3.5	10.5	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
3.5	11	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
3.5	11.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
3.5	12	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4	7	2.50 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
4	7.5	2.50 lbs/ft	4.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
4	8	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
4	8.5	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
4	9	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
4	9.5	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
4	10	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4	10.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4	11	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4	11.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4	12	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4.5	7	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
4.5	7.5	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
4.5	8	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
4.5	8.5	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
4.5	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4.5	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4.5	10	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4.5	10.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4.5	11	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4.5	11.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5	7	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
5	7.5	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
5	8	3.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5	10	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5	10.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5.5	7	3.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5.5	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5.5	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5.5	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5.5	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5.5	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5.5	10	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---



TABLE SHOWS MINIMUM ACCEPTABLE POST WEIGHT FOR A GIVEN SIGN PANEL HEIGHT, SIGN PANEL WIDTH, AND SIGN PANEL UNDER CLEARANCE FROM GROUNDLINE.

NUCOR

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 912 CHENEY AVE, MARION, OH 43302
 Phone: (740) 383-4011 Fax: (740) 383-9680
 www.nucorhighway.com

POST WINDLOAD CAPACITY TABLE

SIZES: 1.75#, 2.00#, 2.50#, 3.00#, 4.00#

Rib-Bak 175-400 Sign Post Selection Table, AASHTO 2009
 Basic Wind Speed (3-sec gust) = 130 mph
 Recurrence Interval = 10 years
 Fy = 80,000 psi
 Number of Posts = 1

W = Sign Panel Width (ft)
 H = Sign Panel Height (ft)
 U = Max Under-Panel Clearance to Ground (ft)

H	U	W											
		1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	
3.5	8	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
3.5	8.5	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
3.5	9	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
3.5	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
3.5	10	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
3.5	10.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
3.5	11	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
3.5	11.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
3.5	12	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4	7	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
4	7.5	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
4	8	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
4	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4	10	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4	10.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4	11	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4.5	7	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---
4.5	7.5	3.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4.5	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4.5	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4.5	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4.5	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
4.5	10	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5.5	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5.5	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5.5	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
5.5	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---
6.5	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---



TABLE SHOWS MINIMUM ACCEPTABLE POST WEIGHT FOR A
 GIVEN SIGN PANEL HEIGHT, SIGN PANEL WIDTH,
 AND SIGN PANEL UNDER CLEARANCE FROM GROUNDLINE.

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POST WINDLOAD CAPACITY TABLE

SIZES: 1.75#, 2.00#, 2.50#, 3.00#, 4.00#

Rib-Bak 175-400 Sign Post Selection Table, AASHTO 2009
 Basic Wind Speed (3-sec gust) = 140 mph
 Recurrence Interval = 10 years
 Fy = 80,000 psi
 Number of Posts = 1

W= Sign Panel Width (ft)
 H = Sign Panel Height (ft)
 U = Max Under-Panel Clearance to Ground (ft)

H	U	W									
		1	1.5	2	2.5	3	3.5	4	4.5	5	
3	8	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---
3	8.5	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---
3	9	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---
3	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
3	10	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
3	10.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
3	11	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
3	11.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
3.5	7	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---
3.5	7.5	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---
3.5	8	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---
3.5	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
3.5	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
3.5	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
3.5	10	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
3.5	10.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
4	7	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---
4	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
4	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
4	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
4	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
4	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
4.5	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
4.5	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
4.5	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
4.5	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
5	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
5	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
5	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
5.5	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---



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 GIVEN SIGN PANEL HEIGHT, SIGN PANEL WIDTH,
 AND SIGN PANEL UNDER CLEARANCE FROM GROUNDLINE.

v2011.12

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POST WINDLOAD

CAPACITY TABLE

SIZES: 1.75#, 2.00#, 2.50#, 3.00#, 4.00#

Rib-Bak 175-400 Sign Post Selection Table, AASHTO 2009

Basic Wind Speed (3-sec gust) = 150 mph

Recurrence Interval = 10 years

Fy = 80,000 psi

Number of Posts = 1

W= Sign Panel Width (ft)

H = Sign Panel Height (ft)

U = Max Under-Panel Clearance to Ground (ft)

H	U	W									
		1	1.5	2	2.5	3	3.5	4	4.5	5	
3	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
3	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
3	10	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
3.5	7	3.00 lbs/ft	4.00 lbs/ft	---	---	---	---	---	---	---	---
3.5	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
3.5	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
3.5	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
3.5	9	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
3.5	9.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
4	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
4	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
4	8	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
4	8.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
4.5	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
4.5	7.5	4.00 lbs/ft	---	---	---	---	---	---	---	---	---
5	7	4.00 lbs/ft	---	---	---	---	---	---	---	---	---



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