

POST WINDLOAD
CAPACITY TABLE
SIZES: 6.0#H, 8.0#H

Rib-Bak 600-800 Sign Post Selection Table, AASHTO 2009
 Basic Wind Speed (S_g) = 100 mph
 Recurrence Interval = 10 years
 F_y = 80,000 psi
 Number of Posts = 3

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

H	U	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15	15.5	16		
4	7.0	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft

POST WINDLOAD
CAPACITY TABLE
SIZES: 6.00#, 8.00#

Rib-Bak 600-800 Sign Post Selection Table, AASHTO 2009
 Basic Wind Speed (S_b) = 120 mph
 Recurrence Interval = 10 years
 Fy = 80,000 psi
 Number of Posts = 3

We Sign Panel Width (ft)
 S = Sign
 U = Max Under-Panel Clearance to Ground (ft)

H	U	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15	15.5	16	
4	7.0	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	6.00 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: 6.00#, 8.00#**

Rib-Bak 600-800 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 = 3

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

H	U	4	4.5	5	5.5	6	6.5	W	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15	15.5	16
9.5		11 8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9.5		11.5 8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9.5		12 8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10		7 6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10		7.5 6.00 lbs/ft	6.00 lbs/ft	6.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10		8 6.00 lbs/ft	6.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10		8.5 6.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10		9 6.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10		9.5 6.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10		10 8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10		10.5 8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10		11 8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10		11.5 8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10		12 8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10.5		7 6.00 lbs/ft	6.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10.5		7.5 6.00 lbs/ft	6.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10.5		8 6.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10.5		8.5 6.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10.5		9 8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10.5		9.5 8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10.5		10 8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10.5		10.5 8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10.5		11 8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10.5		11.5 8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10.5		12 8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11		7 6.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11		7.5 6.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11		8 6.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11		8.5 8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11		9 8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11		9.5 8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11		10 8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11		10.5 8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11		11 8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11.5		7 6.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11.5		7.5 8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11.5		8 8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11.5		8.5 8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11.5		9 8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11.5		9.5 8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11.5		10 8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11.5		10.5 8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12		7 8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12		7.5 8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12		8 8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12		8.5 8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12		9 8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12		9.5 8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12		10 8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---



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

**POST WINDLOAD
 CAPACITY TABLE**
SIZES: 6.00#, 8.00#

Rib-Bak 600-800 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 = 3

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

H	U	4	4.5	5	5.5	6	6.5	W	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15	15.5	16
9.5	11	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9.5	11.5	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9.5	12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	7	6.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	7.5	6.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	8	6.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	8.5	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	9	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	9.5	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	10	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	10.5	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	11	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	11.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10.5	7	6.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10.5	7.5	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10.5	8	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10.5	8.5	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10.5	9	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10.5	9.5	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10.5	10	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10.5	10.5	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10.5	11	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	7	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	7.5	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	8	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	8.5	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	9	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	9.5	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	10	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11.5	7	8.00 lbs/ft	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11.5	7.5	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11.5	8	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11.5	8.5	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11.5	9	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11.5	9.5	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	7	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	7.5	8.00 lbs/ft	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	8	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	8.5	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	9	8.00 lbs/ft	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---



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