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)

| Number of Fo | 010 – 1 | | | | | | | | | | |
|--------------|------------------------------------|-------------|-------------|-------------|-------------|-------------|---------------|-------------|-------------|-------------|-------------|
| | | | | | | | W | | | | |
| Н | U 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 |
| 1 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| 1 | 8 1.75 lbs/ft | | | | | | | | | | |
| 1 | 8.5 1.75 lbs/ft | | | | | | | | | | |
| 1 | 9 1.75 lbs/ft | | | | | | | | | | |
| 1 | 9.5 1.75 lbs/ft | | | | | | | | | | |
| 1 | 10 1.75 lbs/ft | | | | | | | | | | |
| 1 | 10.5 1.75 lbs/ft | | | | | | | | | | |
| 1 1 | 11 1.75 lbs/ft 11.5 1.75 lbs/ft | | | | | | | | | | |
| 1 | 12 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 7 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 8 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 8.5 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 9 1.75 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 |
| 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 | |
| 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 | |
| 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 | | |
| 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 | | | | | | | | | | |
| 2 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| 2 | 8 1.75 lbs/ft | | | | | | | | | | |
| 2 | 8.5 1.75 lbs/ft | | | | | | | | | | |
| 2 | 9 1.75 lbs/ft | | | | | | | | | | |
| 2 2 | 9.5 1.75 lbs/ft 10 1.75 lbs/ft | | | | | | | | | | |
| 2 | 10.5 1.75 lbs/ft | | | | | | | | | | |
| 2 | 11 1.75 lbs/ft | | | | | | | | | | |
| 2 | 11.5 1.75 lbs/ft | | | | | | | | | | |
| 2 | 12 1.75 lbs/ft | | | | | | | | | | |
| 2.5 | 7 1.75 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 | 4.00 lbs/ft | 4.00 lbs/ft | | | | | |
| 2.5 | 10 1.75 lbs/ft | | | | | | | | | | |
| 2.5 | 10.5 1.75 lbs/ft | | | | | | | | | | |
| 2.5 | 11 1.75 lbs/ft | | | | | | | | | | |
| 2.5 | 11.5 2.00 lbs/ft | | | | | | | | | | |
| 2.5 | 12 2.50 lbs/ft | | | | | | 4.00 lb = /ft | | | | |
| 3 | 7 1.75 lbs/ft 7.5 1.75 lbs/ft | | | | | | | | | | |
| 3 3 | 8 1.75 lbs/ft | | | | | | | | | | |
| 3 | 8.5 1.75 lbs/ft | | | | | | | | | | |
| 3 | 9 1.75 lbs/ft | | | | | | | | | | |
| 3 | 9.5 1.75 lbs/ft | | | | | | | | | | |
| 3 | 10 1.75 lbs/ft | | | | | | | | | | |
| 3 | 10.5 2.00 lbs/ft | | | | | | | | | | |
| 3 | 11 2.50 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 | | | | | | | | | | |
| 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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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)

| Number of Po | sts = 1 | | | | | | 147 | | | | |
|--------------|------------------|-------------|-------------|-------------|-------------|-----|--------|-----|---|-----|---|
| н | U 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | W 4 | 4.5 | 5 | 5.5 | 6 |
| 3.5 | 8 1.75 lbs/ft | | | | | | | | | | |
| 3.5 | 8.5 1.75 lbs/ft | | | | | | | | | | |
| 3.5 | 9 1.75 lbs/ft | | | | | | | | | | |
| 3.5 | 9.5 2.00 lbs/ft | | | | | | | | | | |
| 3.5 | 10 2.50 lbs/ft | | | | | | | | | | |
| 3.5 | 10.5 2.50 lbs/ft | | | | | | | | | | |
| 3.5 | 11 2.50 lbs/ft | | | | | | | | | | |
| 3.5 | 11.5 2.50 lbs/ft | | | | | | | | | | |
| 3.5 | 12 2.50 lbs/ft | | | | | | | | | | |
| 4 | 7 1.75 lbs/ft | | | | 4.00 lbs/ft | | | | | | |
| 4 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| 4 | 8 1.75 lbs/ft | | | | | | | | | | |
| 4 | 8.5 2.00 lbs/ft | | | | | | | | | | |
| 4 | 9 2.50 lbs/ft | | | | | | | | | | |
| 4 | 9.5 2.50 lbs/ft | | | | | | | | | | |
| 4 | 10 2.50 lbs/ft | | | | | | | | | | |
| 4 | 10.5 2.50 lbs/ft | | | | | | | | | | |
| 4 | 11 3.00 lbs/ft | | | | | | | | | | |
| 4 | 11.5 3.00 lbs/ft | | | | | | | | | | |
| 4 | 12 3.00 lbs/ft | | | | | | | | | | |
| 4.5 | 7 1.75 lbs/ft | 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | |
| 4.5 | 7.5 2.00 lbs/ft | | | | | | | | | | |
| 4.5 | 8 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | |
| 4.5 | 8.5 2.50 lbs/ft | | | | | | | | | | |
| 4.5 | 9 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | |
| 4.5 | 9.5 2.50 lbs/ft | | | | | | | | | | |
| 4.5 | 10 2.50 lbs/ft | | | | | | | | | | |
| 4.5 | 10.5 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 4.5 | 11 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 4.5 | 11.5 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 4.5 | 12 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 5 | 7 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | |
| 5 | 7.5 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | |
| 5 | 8 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | |
| 5 | 8.5 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | |
| 5 | 9 2.50 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | | |
| 5 | 9.5 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 5 | 10 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 5 | 10.5 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 5 | 11 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 5 | 11.5 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 5 | 12 4.00 lbs/ft | | | | | | | | | | |
| 5.5 | 7 2.50 lbs/ft | | | | | | | | | | |
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| 5.5 | 8 2.50 lbs/ft | | | | | | | | | | |
| 5.5 | 8.5 3.00 lbs/ft | | | | | | | | | | |
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| 5.5 | 9.5 3.00 lbs/ft | | | | | | | | | | |
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| 5.5 | 11 4.00 lbs/ft | | | | | | | | | | |
| 5.5 | 11.5 4.00 lbs/ft | | | | | | | | | | |
| 5.5 | 12 4.00 lbs/ft | | | | | | | | | | |
| 6 | 7 2.50 lbs/ft | | | | | | | | | | |
| 6 | 7.5 2.50 lbs/ft | | | | | | | | | | |
| 6 | 8 3.00 lbs/ft | | | | | | | | | | |
| 6 | 8.5 3.00 lbs/ft | | | | | | | | | | |
| 6 | 9 3.00 lbs/ft | | | | | | | | | | |
| 6 | 9.5 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |

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Basic Wind Speed (3-sec gust) = 85 mph

Fy = 80,000 psi Number of Posts = 1

Recurrence Interval = 10 years

W= Sign Panel Width (ft)

H = Sign Panel Height (ft)

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

| Number of Po | sts = 1 | | | | | | | | | | |
|--------------|-----------------------------------|---------------|---|-----|---|-----|--------|-----|---|-----|---|
| Н | U 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | W 4 | 4.5 | 5 | 5.5 | 6 |
| 6 | 10 3.00 lbs/ft | | | 2.0 | | | | | | | |
| 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 | | | | | | | | | | |
| 6.5 | 8 3.00 lbs/ft | | | | | | | | | | |
| 6.5 | 8.5 3.00 lbs/ft | | | | | | | | | | |
| 6.5 | 9 3.00 lbs/ft | | | | | | | | | | |
| 6.5 6.5 | 9.5 4.00 lbs/ft 10 4.00 lbs/ft | | | | | | | | | | |
| 6.5 | | | | | | | | | | | |
| 6.5 | 11 4.00 lbs/ft | | | | | | | | | | |
| 6.5 | 11.5 4.00 lbs/ft | | | | | | | | | | |
| 6.5 | | | | | | | | | | | |
| 7 | 7 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 7 | 7.5 3.00 lbs/ft | | | | | | | | | | |
| 7 | 8 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 7 | 8.5 3.00 lbs/ft | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 7 | 10.5 4.00 lbs/ft | | | | | | | | | | |
| 7 | 11 4.00 lbs/ft | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 7 | | 4 00 lb a /f4 | | | | | | | | | |
| 7.5 7.5 | 7 3.00 lbs/ft 7.5 3.00 lbs/ft | 4.00 IDS/IT | | | | | | | | | |
| 7.5 7.5 | 8 4.00 lbs/ft | | | | | | | | | | |
| 7.5 7.5 | | | | | | | | | | | |
| 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 8.5 | 10 4.00 lbs/ft 7 4.00 lbs/ft | | | | | | | | | | |
| 8.5 | 7.5 4.00 lbs/ft | | | | | | | | | | |
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| 9 | 8 4.00 lbs/ft | | | | | | | | | | |
| 9 | 8.5 4.00 lbs/ft | | | | | | | | | | |
| 9.5 | 7 4.00 lbs/ft | | | | | | | | | | |
| 9.5 | | | | | | | | | | | |
| 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.

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H = Sign Panel Height (ft)

| | | | | | | | W | | | | |
|------------|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Н | U 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 | 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 | 11 1.75 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 | | | | | | | | | | |
| 1.5 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 8 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 8.5 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 9 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 9.5 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 10 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 10.5 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 11 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 11.5 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 12 1.75 lbs/ft | | | | | | | | | | |
| 2 | 7 1.75 lbs/ft | | | | | | | | 4.00 lbs/ft | | |
| 2 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| 2 | 8 1.75 lbs/ft | | | | | | | | | | |
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| 2 | 9 1.75 lbs/ft | | | | | | | | | | |
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| 2 | 11.5 1.75 lbs/ft | | | | | | | | | | |
| 2 | 12 2.50 lbs/ft | | | | | | | | | | |
| 2.5 | 7 1.75 lbs/ft | | | | | | 4.00 lbs/ft | | | | |
| 2.5 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| 2.5 | 8 1.75 lbs/ft | | | | | | | | | | |
| 2.5 | 8.5 1.75 lbs/ft | | | | | | | | | | |
| 2.5 | 9 1.75 lbs/ft | | | | | | | | | | |
| 2.5 | 9.5 1.75 lbs/ft | | | | | | | | | | |
| 2.5 | 10 1.75 lbs/ft | | | | | | | | | | |
| 2.5 | 10.5 2.00 lbs/ft | | | | | | | | | | |
| 2.5 | 11 2.50 lbs/ft | | | | | | | | | | |
| 2.5 | 11.5 2.50 lbs/ft | | | | | | | | | | |
| 2.5 | 12 2.50 lbs/ft | | | | | | | | | | |
| 2.3 | 7 1.75 lbs/ft | | | | | 4 00 lhe/ft | | | | | |
| 3 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| 3 | 8 1.75 lbs/ft | | | | | | | | | | |
| 3 | 8.5 1.75 lbs/ft | | | | | | | | | | |
| 3 | 9 1.75 lbs/ft | | | | | | | | | | |
| 3 | 9.5 2.00 lbs/ft | | | | | | | | | | |
| 3 | 10 2.50 lbs/ft | | | | | | | | | | |
| 3 | 10.5 2.50 lbs/ft | | | | | | | | | | |
| 3 | 11 2.50 lbs/ft | | | | | | | | | | |
| 3 | 11.5 2.50 lbs/ft | | | | | | | | | | |
| 3 | 12 3.00 lbs/ft | | | | | | | | | | |
| 3.5 | 7 1.75 lbs/ft | | | | | | | | | | |
| 3.5 3.5 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| ა.ა | 7.5 1.75 IDS/IL | 2.JU ID5/IL | J.00 ID5/IL | 7.00 IDS/IL | 7.00 105/11 | | | | | | |

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

POST WINDLOAD CAPACITY TABLE

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

W= Sign Panel Width (ft)

H = Sign Panel Height (ft)

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

Fy = 80,000 psi Number of Posts = 1

| H | Number of Po | sts = 1 | | | | | | W | | | | |
|--|--------------|------------------|-------------|-------------|-------------|-------------|-----|---|-----|---|-----|---|
| 3.5 8 1.75 lbs/ft 2.50 lbs/ft 3.00 lbs/ft 4.00 lbs/ft 4.00 lbs/ft | н | U 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | | 4.5 | 5 | 5.5 | 6 |
| 3.5 9 2.50 lbs/ft 3.00 lbs/ft 4.00 lbs/ft | | 8 1.75 lbs/ft | 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | |
| 3.5 9.5 2.50 lbs/ft 3.00 lbs/ft 4.00 lbs/f | 3.5 | 8.5 2.00 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | |
| 3.5 10.2 E0 lbs/ft 3.00 lbs/ft 4.00 lbs/ft | 3.5 | 9 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | |
| 3.5 10.5 2.50 lbs/ft 4.00 lbs/ | 3.5 | 9.5 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | |
| 3.5 11 3.00 lbs/ft 4.00 lbs/ft | 3.5 | 10 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | |
| 3.5 11.5 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 3.5 12 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 4 7 1.75 lbs/ft 2.50 lbs/ft 3.00 lbs/ft 4.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 4 7.5 2.00 lbs/ft 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 4 8 2.50 lbs/ft 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 4 8.5 2.50 lbs/ft 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 4 9.2.50 lbs/ft 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 4 9.5 2.50 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 4 10 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 4 10.5 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 4 11 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 4 11.5 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 4 12 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 4.5 7 2.50 lbs/ft 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 4.5 7.5 2.50 lbs/ft 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 4.5 8 2.50 lbs/ft 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 4.5 8.5 2.50 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 4.5 9.5 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 4.5 10 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 4.5 | 4.5 | 9.5 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 4.5 | 4.5 | 10 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 4.5 | 4.5 | 10.5 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 4.5 12 4.00 lbs/ft | 4.5 | 11 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 5 | 4.5 | 11.5 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 5 7.5 2.50 lbs/ft 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 5 8 2.50 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 5 8.5 3.00 lbs/ft 4.00 lbs/ft | - | | | | | | | | | | | |
| 5 9 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 5 9.5 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 5 10.5 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 5 11.5 4.00 lbs/ft | | | | | | | | | | | | |
| 5 12 4.00 lbs/ft | | | | | | | | | | | | |
| 5.5 7 2.50 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 5.5 7.5 3.00 lbs/ft 4.00 lbs/ft | _ | | | | | | | | | | | |
| 5.5 8 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 5.5 8.5 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| THE CONTRACTOR INCOME. | 5.5 | | | | | | | | | | | |
| 5.5 9.5 3.00 lbs/ft 4.00 lbs/ft | 5.5 | | | | | | | | | | | |
| 5.5 10 4.00 lbs/ft | 5.5 | 10 4.00 lbs/ft | | | | | | | | | | |
| 5.5 10.5 4.00 lbs/ft | | 10.5 4.00 lbs/ft | | | | | | | | | | |
| 5.5 11 4.00 lbs/ft | | 11 4.00 lbs/ft | | | | | | | | | | |
| 5.5 11.5 4.00 lbs/ft | | | | | | | | | | | | |
| 5.5 12 4.00 lbs/ft | | | | | | | | | | | | |
| 6 7 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 6 7.5 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 6 8 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 6 8.5 3.00 lbs/ft 4.00 lbs/ft | | | | | | | | | | | | |
| 6 9 3.00 lbs/ft | | | | | | | | | | | | |
| 6 9.5 4.00 lbs/ft | Ь | 9.5 4.00 IDS/ft | | | | | | | | | | |

NUCOR STEEL MARION, INC. 912 CHENEY AVE, MARION, OH 43302

Phone: (740) 383-4011 Fax: (740) 383-9680

www.nucorhighway.com

Basic Wind Speed (3-sec gust) = 90 mph

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

POST WINDLOAD CAPACITY TABLE

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

W= Sign Panel Width (ft)

H = Sign Panel Height (ft)

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

Recurrence Interval = 10 years Fy = 80,000 psi

| Number of Po | | | | | | | | | | | |
|--------------|------------------|-----|---|-----|---|-----|--------|-----|---|-----|---|
| Н | U 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | W 4 | 4.5 | 5 | 5.5 | 6 |
| 6 | 10 4.00 lbs/ft | 1.5 | | 2.5 | | 3.5 | | 4.5 | | J.J | |
| 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 | | | | | | | | | | |
| 6.5 | 7.5 3.00 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 | | | | | | | | | | | |
| 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 | | | | | | | | | | |
| 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 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

W= Sign Panel Width (ft)

H = Sign Panel Height (ft)

| Number of Po | sts = 1 | | | | | | | | | | |
|--------------|------------------------------------|-----|---|-------------|-------------|-----|---|-----|---|-----|---|
| | | | | | | | | | | | |
| | | | • | | • | | W | | _ | | |
| Н | U 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 | 5.5 | 6 |
| 1 | 7 1.75 lbs/ft | | | | | | | | | | |
| 1 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| 1 | 8 1.75 lbs/ft | | | | | | | | | | |
| 1 | 8.5 1.75 lbs/ft | | | | | | | | | | |
| 1 | 9 1.75 lbs/ft | | | | | | | | | | |
| 1 | 9.5 1.75 lbs/ft | | | | | | | | | | |
| 1 | 10 1.75 lbs/ft | | | | | | | | | | |
| 1 | 10.5 1.75 lbs/ft | | | | | | | | | | |
| 1 | 11 1.75 lbs/ft | | | | | | | | | | |
| 1 | 11.5 1.75 lbs/ft | | | | | | | | | | |
| 1 | 12 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 7 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 8 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 8.5 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 9 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 9.5 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 10 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 10.5 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 11 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 11.5 2.50 lbs/ft | | | | | | | | | | |
| 1.5 | 12 2.50 lbs/ft | | | | | | | | | | |
| 2 | 7 1.75 lbs/ft | | | | | | | | | | |
| 2 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| 2 | 8 1.75 lbs/ft | | | | | | | | | | |
| 2 | 8.5 1.75 lbs/ft | | | | | | | | | | |
| 2 2 | 9 1.75 lbs/ft | | | | | | | | | | |
| | 9.5 1.75 lbs/ft | | | | | | | | | | |
| 2 2 | 10 2.00 lbs/ft | | | | | | | | | | |
| 2 | 10.5 2.50 lbs/ft | | | | | | | | | | |
| 2 | 11 2.50 lbs/ft | | | | | | | | | | |
| 2 | 11.5 2.50 lbs/ft 12 2.50 lbs/ft | | | | | | | | | | |
| 2.5 | 7 1.75 lbs/ft | | | | | | | | | | |
| 2.5 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| 2.5 | 8 1.75 lbs/ft | | | | | | | | | | |
| 2.5 | 8.5 1.75 lbs/ft | | | | | | | | | | |
| 2.5 | 9 2.00 lbs/ft | | | | | | | | | | |
| 2.5 | 9.5 2.50 lbs/ft | | | | | | | | | | |
| 2.5 | 10 2.50 lbs/ft | | | | | | | | | | |
| 2.5 | 10.5 2.50 lbs/ft | | | | | | | | | | |
| 2.5 | 11 2.50 lbs/ft | | | | | | | | | | |
| 2.5 | 11.5 3.00 lbs/ft | | | | | | | | | | |
| 2.5 | 12 3.00 lbs/ft | | | | | | | | | | |
| 3 | 7 1.75 lbs/ft | | | | 4 00 lbs/ft | | | | | | |
| 3 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| 3 | 8 2.00 lbs/ft | | | | | | | | | | |
| 3 | 8.5 2.50 lbs/ft | | | | | | | | | | |
| 3 | 9 2.50 lbs/ft | | | | | | | | | | |
| 3 | 9.5 2.50 lbs/ft | | | | | | | | | | |
| 3 | 10 2.50 lbs/ft | | | | | | | | | | |
| 3 | 10.5 3.00 lbs/ft | | | | | | | | | | |
| 3 | 11 3.00 lbs/ft | | | | | | | | | | |
| 3 | 11.5 3.00 lbs/ft | | | | | | | | | | |
| 3 | 12 3.00 lbs/ft | | | | | | | | | | |
| 3.5 | 7 2.00 lbs/ft | | | 4.00 lbs/ft | | | | | | | |
| 3.5 | 7.5 2.50 lbs/ft | | | | | | | | | | |

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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) = 100 mph Recurrence Interval = 10 years

Fy = 80,000 psi

W= Sign Panel Width (ft)

H = Sign Panel Height (ft)

| Number of Pos | | | | | | | | | | | |
|---------------|------------------------------------|-------------|-------------|-----|---|-----|---|-----|---|-----|---|
| | | | | | | | W | | | | |
| Н | U 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 | 5.5 | 6 |
| 3.5 | 8 2.50 lbs/ft | | | | | | | | | | |
| 3.5 | 8.5 2.50 lbs/ft | | | | | | | | | | |
| 3.5 | 9 2.50 lbs/ft | | | | | | | | | | |
| 3.5 | 9.5 3.00 lbs/ft | | | | | | | | | | |
| 3.5 | 10 3.00 lbs/ft | | | | | | | | | | |
| 3.5 3.5 | 10.5 3.00 lbs/ft 11 3.00 lbs/ft | | | | | | | | | | |
| 3.5 3.5 | 11.5 4.00 lbs/ft | | | | | | | | | | |
| 3.5 3.5 | 12 4.00 lbs/ft | | | | | | | | | | |
| 3.3 4 | 7 2.50 lbs/ft | | | | | | | | | | |
| 4 | 7.5 2.50 lbs/ft | | | | | | | | | | |
| 4 | 8 2.50 lbs/ft | | | | | | | | | | |
| 4 | 8.5 3.00 lbs/ft | | | | | | | | | | |
| 4 | 9 3.00 lbs/ft | | | | | | | | | | |
| 4 | 9.5 3.00 lbs/ft | | | | | | | | | | |
| 4 | 10 3.00 lbs/ft | | | | | | | | | | |
| 4 | 10.5 4.00 lbs/ft | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 4 | 11.5 4.00 lbs/ft | | | | | | | | | | |
| 4 | 12 4.00 lbs/ft | | | | | | | | | | |
| 4.5 | 7 2.50 lbs/ft | 4.00 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 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 4.5 | 9.5 3.00 lbs/ft | 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 | | | | | | | | | | |
| 4.5 | 12 4.00 lbs/ft | | | | | | | | | | |
| 5 | 7 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 5 | 7.5 3.00 lbs/ft | | | | | | | | | | |
| 5 | 8 3.00 lbs/ft | | | | | | | | | | |
| 5 | 8.5 3.00 lbs/ft | | | | | | | | | | |
| 5 | | | | | | | | | | | |
| 5 | 9.5 4.00 lbs/ft | | | | | | | | | | |
| 5 | 10 4.00 lbs/ft | | | | | | | | | | |
| 5 | 10.5 4.00 lbs/ft | | | | | | | | | | |
| 5 | 11 4.00 lbs/ft | | | | | | | | | | |
| 5 | | | | | | | | | | | |
| 5.5 | 7 3.00 lbs/ft | | | | | | | | | | |
| 5.5 | 7.5 3.00 lbs/ft | | | | | | | | | | |
| 5.5 5.5 | 8 4.00 lbs/ft | | | | | | | | | | |
| 5.5 5.5 | 8.5 4.00 lbs/ft 9 4.00 lbs/ft | | | | | | | | | | |
| 5.5 5.5 | 9.5 4.00 lbs/ft | | | | | | | | | | |
| 5.5 5.5 | 9.5 4.00 lbs/ft | | | | | | | | | | |
| 5.5 5.5 | 10.5 4.00 lbs/ft | | | | | | | | | | |
| 5.5 6 | 7 3.00 lbs/ft | | | | | | | | | | |
| 6 | 7.5 4.00 lbs/ft | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 6 | 8.5 4.00 lbs/ft | | | | | | | | | | |
| 6 | 9 4.00 lbs/ft | | | | | | | | | | |
| 6 | 9.5 4.00 lbs/ft | | | | | | | | | | |
| 6 | 10 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 | | | | | | | | | | |
| 0.0 | 300 100/10 | | | | | | | | | | |

Recurrence Interval = 10 years

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

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Basic Wind Speed (3-sec gust) = 100 mph

POST WINDLOAD CAPACITY TABLE

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

W= Sign Panel Width (ft) H = Sign Panel Height (ft)

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

Fy = 80,000 psi Number of Posts = 1

| Nullipel of FC |)5l5 = 1 | | | | | | | | | | |
|----------------|-----------------|-----|---|-----|---|-----|---|-----|---|-----|---|
| | | | | | | | W | | | | |
| Н | U 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.

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POST WINDLOAD CAPACITY TABLE

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

W= Sign Panel Width (ft)

H = Sign Panel Height (ft)

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

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 | | | | |
|-----|------------------|-------------|-------------|-------------|-------------|-----|-----|-------------|---|-----|---|
| Н | U 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 | 5.5 | 6 |
| 1 | 7 1.75 lbs/ft | | | | | | · • | _ | _ | | - |
| 1 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| 1 | 8 1.75 lbs/ft | | | | | | | | | | |
| 1 | 8.5 1.75 lbs/ft | | | | | | | | | | |
| 1 | 9 1.75 lbs/ft | | | | | | | | | | |
| 1 | 9.5 1.75 lbs/ft | | | | | | | | | | |
| 1 | 10 1.75 lbs/ft | | | | | | | | | | |
| 1 | 10.5 1.75 lbs/ft | | | | | | | | | | |
| 1 | 11 1.75 lbs/ft | | | | | | | | | | |
| 1 | 11.5 2.50 lbs/ft | | | | | | | | | | |
| 1 | 12 2.50 lbs/ft | | | | | | | | | | |
| 1.5 | 7 1.75 lbs/ft | | | | | | | 4 00 lbs/ft | | | |
| 1.5 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 8 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 8.5 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 9 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 9.5 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 10 2.00 lbs/ft | | | | | | | | | | |
| 1.5 | 10.5 2.50 lbs/ft | | | | | | | | | | |
| 1.5 | 11 2.50 lbs/ft | | | | | | | | | | |
| 1.5 | 11.5 2.50 lbs/ft | | | | | | | | | | |
| 1.5 | 12 3.00 lbs/ft | | | | | | | | | | |
| 2 | 7 1.75 lbs/ft | | | | | | | | | | |
| 2 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| 2 | 8 1.75 lbs/ft | | | | | | | | | | |
| 2 | 8.5 1.75 lbs/ft | | | | | | | | | | |
| 2 | 9 2.50 lbs/ft | | | | | | | | | | |
| 2 | 9.5 2.50 lbs/ft | | | | | | | | | | |
| 2 | 10 2.50 lbs/ft | | | | | | | | | | |
| 2 | 10.5 2.50 lbs/ft | | | | | | | | | | |
| 2 | 11 3.00 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | |
| 2 | 11.5 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | | |
| 2 | 12 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | | |
| 2.5 | 7 1.75 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 | 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | |
| 2.5 | 8 2.50 lbs/ft | 3.00 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | |
| 2.5 | 8.5 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | |
| 2.5 | 9 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | |
| 2.5 | 9.5 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | |
| 2.5 | 10 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | | |
| 2.5 | 10.5 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | | |
| 2.5 | 11 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 2.5 | 11.5 3.00 lbs/ft | | | | | | | | | | |
| 2.5 | 12 4.00 lbs/ft | | | | | | | | | | |
| 3 | 7 2.50 lbs/ft | | | | | | | | | | |
| 3 | 7.5 2.50 lbs/ft | | | | | | | | | | |
| 3 | 8 2.50 lbs/ft | | | | | | | | | | |
| 3 | 8.5 2.50 lbs/ft | | | | | | | | | | |
| 3 | 9 3.00 lbs/ft | | | | | | | | | | |
| 3 | 9.5 3.00 lbs/ft | | | | | | | | | | |
| 3 | 10 3.00 lbs/ft | | | | | | | | | | |
| 3 | 10.5 3.00 lbs/ft | | | | | | | | | | |
| 3 | 11 4.00 lbs/ft | | | | | | | | | | |
| 3 | 11.5 4.00 lbs/ft | | | | | | | | | | |
| 3 | 12 4.00 lbs/ft | | 4.00 lbo/ft | | | | | | | | |
| 3.5 | 7 2.50 lbs/ft | | | | | | | | | | |
| 3.5 | 7.5 2.50 lbs/ft | 4.00 IDS/IT | 4.00 IDS/II | | | | | | | | |



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#

W= Sign Panel Width (ft)

H = Sign Panel Height (ft)

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

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 | | | | |
|-----|------------------|-------------|---|-----|---|-----|---|-----|---|-----|---|
| Н | U 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 | | | | | | | | | | |
| 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 STEEL MARION, INC. 912 CHENEY AVE, MARION, OH 43302

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#

W= Sign Panel Width (ft)

H = Sign Panel Height (ft)

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

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 | | | | |
|------------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|
| Н | U 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 | 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 | 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 |
| 1 | 8 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 | 8.5 1.75 lbs/ft | | | | | | | | | | |
| 1 | 9 1.75 lbs/ft | | | | | | | | | | |
| 1 | 9.5 1.75 lbs/ft | | | | | | | | | | |
| 1 | 10 1.75 lbs/ft | | | | | | | | | | |
| 1 | 10.5 1.75 lbs/ft | | | | | | | | | | |
| 1 | 11 1.75 lbs/ft | | | | | | | | | | |
| 1 | 11.5 1.75 lbs/ft | | | | | | | | | | |
| 1 | 12 2.00 lbs/ft | | | | | | | | 4.00 lb = /4 | | |
| 1.5 | 7 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 8 1.75 lbs/ft 8.5 1.75 lbs/ft | | | | | | | | | | |
| 1.5 1.5 | 9 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 9.5 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 10 1.75 lbs/ft | | | | | | | | | | |
| 1.5 | 10.5 2.00 lbs/ft | | | | | | | | | | |
| 1.5 | 11 2.50 lbs/ft | | | | | | | | | | |
| 1.5 | 11.5 2.50 lbs/ft | | | | | | | | | | |
| 1.5 | 12 2.50 lbs/ft | | | | | | | | | | |
| 2 | 7 1.75 lbs/ft | | | | | | 4.00 lbs/ft | | | | |
| _ 2 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| 2 | 8 1.75 lbs/ft | | | | | | | | | | |
| 2 | 8.5 1.75 lbs/ft | | | | | | | | | | |
| 2 | 9 1.75 lbs/ft | 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | |
| 2 | 9.5 2.00 lbs/ft | 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | |
| 2 | 10 2.50 lbs/ft | 3.00 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | |
| 2 | 10.5 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | |
| 2 | 11 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | |
| 2 | 11.5 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | |
| 2 | 12 3.00 lbs/ft | | | | | | | | | | |
| 2.5 | 7 1.75 lbs/ft | | | | | | | | | | |
| 2.5 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| 2.5 | 8 1.75 lbs/ft | | | | | | | | | | |
| 2.5 | 8.5 2.00 lbs/ft | | | | | | | | | | |
| 2.5 | 9 2.50 lbs/ft | | | | | | | | | | |
| 2.5 | 9.5 2.50 lbs/ft | | | | | | | | | | |
| 2.5 | 10 2.50 lbs/ft 10.5 3.00 lbs/ft | | | | | | | | | | |
| 2.5 | | | | | | | | | | | |
| 2.5 2.5 | 11 3.00 lbs/ft 11.5 3.00 lbs/ft | | | | | | | | | | |
| 2.5 2.5 | 12 3.00 lbs/ft | | | | | | | | | | |
| 2.5 3 | 7 1.75 lbs/ft | | | 4 00 lbe/ft | 4 00 lbe/ft | | | | | | |
| 3 | 7.5 2.00 lbs/ft | | | | | | | | | | |
| 3 | 8 2.50 lbs/ft | | | | | | | | | | |
| 3 | 8.5 2.50 lbs/ft | | | | | | | | | | |
| 3 | 9 2.50 lbs/ft | | | | | | | | | | |
| 3 | 9.5 3.00 lbs/ft | | | | | | | | | | |
| 3 | 10 3.00 lbs/ft | | | | | | | | | | |
| 3 | 10.5 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 3 | 11 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 3 | 11.5 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 3 | 12 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | | | |
| 3.5 | 7 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | |
| 3.5 | 7.5 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | | |

NUCOR STEEL MARION, INC. 912 CHENEY AVE, MARION, OH 43302

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POST WINDLOAD CAPACITY TABLE

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

W= Sign Panel Width (ft)

H = Sign Panel Height (ft)

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

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 | | | | |
|-----|------------------|-------------|-------------|-----|---|-----|---|-----|---|-----|---|
| 4 | U 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 | 7.5 2.50 lbs/ft | | | | | | | | | | |
| 4 | 8 3.00 lbs/ft | | | | | | | | | | |
| 4 | 8.5 3.00 lbs/ft | | | | | | | | | | |
| 4 | 9 3.00 lbs/ft | | | | | | | | | | |
| 4 | 9.5 3.00 lbs/ft | | | | | | | | | | |
| 4 | 10 4.00 lbs/ft | | | | | | | | | | |
| 4 | 10.5 4.00 lbs/ft | | | | | | | | | | |
| 4 | 11 4.00 lbs/ft | | | | | | | | | | |
| - | 11.5 4.00 lbs/ft | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 4 | 12 4.00 lbs/ft | | | | | | | | | | |
| 4.5 | 7 3.00 lbs/ft | | | | | | | | | | |
| 4.5 | 7.5 3.00 lbs/ft | | | | | | | | | | |
| 4.5 | 8 3.00 lbs/ft | | | | | | | | | | |
| 4.5 | 8.5 3.00 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 | | | | | | | | | | |
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| 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 | | | | | | | | | | |
| ٠.٠ | | | | | | | | | | | |



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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Phone: (740) 383-4011 Fax: (740) 383-5

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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) = 130 mph

Recurrence Interval = 10 years

Fy = 80,000 psi Number of Posts = 1 W= Sign Panel Width (ft)

H = Sign Panel Height (ft)

| | | | | | | | W | | | | |
|------------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Н | U 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 | 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 | 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 | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | |
| 1 | 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 | |
| 1 | 8.5 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 | 9 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 | 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 | 4.00 lbs/ft | | | |
| 1 | 10 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 | 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 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 | 11.5 2.50 lbs/ft | 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | |
| 1 | 12 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 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 | 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 | | | | |
| 1.5 | 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 | | | | |
| 1.5 | 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 | | | | | |
| 1.5 | 9 1.75 lbs/ft | 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | |
| 1.5 | 9.5 2.00 lbs/ft | 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | |
| 1.5 | 10 2.50 lbs/ft | 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | |
| 1.5 | 10.5 2.50 lbs/ft | 3.00 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | |
| 1.5 | 11 2.50 lbs/ft | | | | | | | | | | |
| 1.5 | 11.5 3.00 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | |
| 1.5 | 12 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | | |
| 2 | 7 1.75 lbs/ft | | | | | | | | | | |
| 2 | 7.5 1.75 lbs/ft | | | | | | | | | | |
| 2 | 8 1.75 lbs/ft | | | | | | | | | | |
| 2 | 8.5 2.00 lbs/ft | | | | | | | | | | |
| 2 | 9 2.50 lbs/ft | | | | | | | | | | |
| 2 | 9.5 2.50 lbs/ft | | | | | | | | | | |
| 2 | 10 2.50 lbs/ft | | | | | | | | | | |
| 2 | 10.5 3.00 lbs/ft | | | | | | | | | | |
| 2 | 11 3.00 lbs/ft | | | | | | | | | | |
| 2 | 11.5 3.00 lbs/ft | | | | | | | | | | |
| 2 | 12 3.00 lbs/ft | | | 4.00 !! /// | 4.00 !! /// | | | | | | |
| 2.5 | 7 1.75 lbs/ft | | | | | | | | | | |
| 2.5 | 7.5 2.50 lbs/ft | | | | | | | | | | |
| 2.5 | 8 2.50 lbs/ft | | | | | | | | | | |
| 2.5 | 8.5 2.50 lbs/ft | | | | | | | | | | |
| 2.5 | 9 2.50 lbs/ft | | | | | | | | | | |
| 2.5 | 9.5 3.00 lbs/ft | | | | | | | | | | |
| 2.5 | 10 3.00 lbs/ft 10.5 3.00 lbs/ft | | | | | | | | | | |
| 2.5 2.5 | | | | | | | | | | | |
| - | 11 3.00 lbs/ft | | | | | | | | | | |
| 2.5 2.5 | 11.5 4.00 lbs/ft 12 4.00 lbs/ft | | | | | | | | | | |
| 2.5 3 | 7 2.50 lbs/ft | | 1 00 lbc/ft | 4.00 lbc/ft | | | | | | | |
| 3 | 7.5 2.50 lbs/ft | | | | | | | | | | |
| 3 | 8 2.50 lbs/ft | | | | | | | | | | |
| 3 | 8.5 3.00 lbs/ft | | | | | | | | | | |
| 3 | 9 3.00 lbs/ft | | | | | | | | | | |
| 3 | 9.5 3.00 lbs/ft | | | | | | | | | | |
| 3 | 10 3.00 lbs/ft | | | | | | | | | | |
| 3 | 10.5 4.00 lbs/ft | | | | | | | | | | |
| 3 | 11 4.00 lbs/ft | | | | | | | | | | |
| 3 | 11.5 4.00 lbs/ft | | | | | | | | | | |
| 3 | 12 4.00 lbs/ft | | | | | | | | | | |
| 3.5 | 7 2.50 lbs/ft | | | | | | | | | | |
| 3.5 | 7.5 3.00 lbs/ft | | | | | | | | | | |
| 5.5 | 2.00 .00/10 | | | | | | | | | | |



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) = 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)

| | | | | | | | W | | | | |
|-----|------------------|-------------|---|-----|---|-----|---|-----|---|-----|---|
| Н | U 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 | 8 3.00 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 | | | | | | | | | | |
| 4.5 | 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.

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) = 140 mph

Recurrence Interval = 10 years

Fy = 80,000 psi Number of Posts = 1 W= Sign Panel Width (ft) H = Sign Panel Height (ft)

| | | | | | | | W | | |
|-----|------------------|-------------|-------------|-------------|---|-----|-------------|-----|---|
| Н | U 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 |
| | 7 1.75 lbs/ft | | | | - | | - | | - |
| 1 | 7.5 1.75 lbs/ft | | | | | | | | |
| 1 | 8 1.75 lbs/ft | | | | | | | | |
| 1 | 8.5 1.75 lbs/ft | | | | | | | | |
| 1 | 9 1.75 lbs/ft | | | | | | | | |
| 1 | 9.5 1.75 lbs/ft | | | | | | | | |
| 1 | 10 2.00 lbs/ft | | | | | | | | |
| 1 | 10.5 2.50 lbs/ft | | | | | | | | |
| 1 | 11 2.50 lbs/ft | | | | | | | | |
| 1 | 11.5 2.50 lbs/ft | | | | | | | | |
| 1 | 12 3.00 lbs/ft | | | | | | | | |
| 1.5 | 7 1.75 lbs/ft | | | | | | 4.00 lbc/ft | | |
| 1.5 | 7.5 1.75 lbs/ft | | | | | | 4.00 105/11 | | |
| | 8 1.75 lbs/ft | | | | | | | | |
| 1.5 | | | | | | | | | |
| 1.5 | 8.5 2.00 lbs/ft | | | | | | | | |
| 1.5 | 9 2.50 lbs/ft | | | | | | | | |
| 1.5 | 9.5 2.50 lbs/ft | | | | | | | | |
| 1.5 | 10 2.50 lbs/ft | | | | | | | | |
| 1.5 | 10.5 3.00 lbs/ft | | | | | | | | |
| 1.5 | 11 3.00 lbs/ft | | | | | | | | |
| 1.5 | 11.5 3.00 lbs/ft | | | | | | | | |
| 1.5 | 12 3.00 lbs/ft | | | | | | | | |
| 2 | 7 1.75 lbs/ft | | | | | | | | |
| 2 | 7.5 2.00 lbs/ft | | | | | | | | |
| 2 | 8 2.50 lbs/ft | | | | | | | | |
| 2 | 8.5 2.50 lbs/ft | | | | | | | | |
| 2 | 9 2.50 lbs/ft | | | 4.00 lbs/ft | | | | | |
| 2 | 9.5 3.00 lbs/ft | | | | | | | | |
| 2 | 10 3.00 lbs/ft | | | | | | | | |
| 2 | 10.5 3.00 lbs/ft | | | | | | | | |
| 2 | 11 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | |
| 2 | 11.5 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | |
| 2 | 12 4.00 lbs/ft | | | | | | | | |
| 2.5 | 7 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | |
| 2.5 | 7.5 2.50 lbs/ft | 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | |
| 2.5 | 8 2.50 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | |
| 2.5 | 8.5 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | |
| 2.5 | 9 3.00 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | |
| 2.5 | 9.5 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | |
| 2.5 | 10 3.00 lbs/ft | 4.00 lbs/ft | | | | | | | |
| 2.5 | 10.5 4.00 lbs/ft | 4.00 lbs/ft | | | | | | | |
| 2.5 | 11 4.00 lbs/ft | | | | | | | | |
| 2.5 | 11.5 4.00 lbs/ft | | | | | | | | |
| 2.5 | 12 4.00 lbs/ft | | | | | | | | |
| 3 | 7 2.50 lbs/ft | 4.00 lbs/ft | 4.00 lbs/ft | | | | | | |
| 3 | 7.5 3.00 lbs/ft | | | | | | | | |
| | | | | | | | | | |

NUCOR STEEL MARION, INC. 912 CHENEY AVE, MARION, OH 43302

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) = 140 mph

Recurrence Interval = 10 years

Fy = 80,000 psiNumber of Posts = 1 W= Sign Panel Width (ft) H = Sign Panel Height (ft)

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

| | | | | | | | W | | |
|-----|------------------|-------------|---|-----|---|-----|---|-----|---|
| Н | U 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 |
| 3 | 8 3.00 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 | | | | | | | | |



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

MUCOR

NUCOR STEEL MARION, INC. 912 CHENEY AVE, MARION, OH 43302

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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 psiNumber of Posts = 1 W= Sign Panel Width (ft) H = Sign Panel Height (ft)

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

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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

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Fy = 80,000 psiNumber of Posts = 1 W= Sign Panel Width (ft) H = Sign Panel Height (ft)

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

| | | | | | | | W | | |
|-----|-----------------|-------------|---|-----|---|-----|---|-----|---|
| Н | U 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 | | | | | | | | |



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