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

POST WINDLOAD **CAPACITY TABLE** SIZES: 2.03#, 2.47#

www.nucorhighway.com

J-Channel 203-247 Sign Post Selection Table, AASHTO 2009

Basic Wind Speed (3-sec gust) = 85 mph Recurrence Interval = 10 years

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

y = 55,000 psi Number of Posts = 3

2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 3.5 3.5 3.5 3.5 3.5 3.5 4 4 9 2.47 lbs/ft --7 2.47 lbs/ft 2.47 lbs/ft
7.5 2.47 lbs/ft --8 2.47 lbs/ft --8.5 2.47 lbs/ft --7 2.47 lbs/ft ---



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

912 CHENEY AVE, MARION, OH 43302
Phone: (740) 383-4011 Fax: (740) 383-9680
www.nucorhighway.com
U-Channel 203-247 Sign Post Selection Table, AASHTO 2009
Basic Wind Speed (3-sec gust) = 90 mph
Recurrence Interval = 10 years
Fy = 55,000 psi
Number of Posts = 3

POST WINDLOAD CAPACITY TABLE SIZES: 2.03#, 2.47#

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

						14/																
Ι,	4	U 2	2.5	3	3.5	vv 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
	1	7 2.03 lbs/ft																				
	1	7.5 2.03 lbs/ft																				
	1	8 2.03 lbs/ft																				
	1	8.5 2.03 lbs/ft																				
	1	9 2.03 lbs/ft																				
	1	9.5 2.03 lbs/ft																				
	1	10 2.03 lbs/ft																				
	1	10.5 2.03 lbs/ft																				
	1	11 2.03 lbs/ft																				
	1	11.5 2.03 lbs/ft																				
	1	12 2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft																
	1.5	7 2.03 lbs/ft											2.47 lbs/ft									
	1.5	7.5 2.03 lbs/ft																				
	1.5	8 2.03 lbs/ft																				
	1.5	8.5 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft													
	1.5	9 2.03 lbs/ft																				
	1.5	9.5 2.03 lbs/ft																				
	1.5	10 2.03 lbs/ft																				
	1.5	10.5 2.03 lbs/ft																				
	1.5	11 2.03 lbs/ft																				
ı	1.5	11.5 2.47 lbs/ft																				
	1.5	12 2.47 lbs/ft	2.47 lbs/ft																			
	2	7 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft													
	2	7.5 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft														
	2	8 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft															
	2	8.5 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft																
	2	9 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft																	
	2	9.5 2.03 lbs/ft																				
	2	10 2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft																		
	2	10.5 2.03 lbs/ft																				
	2	11 2.47 lbs/ft	2.47 lbs/ft																			
	2	11.5 2.47 lbs/ft																				
	2	12 2.47 lbs/ft																				
	2.5	7 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft															
	2.5	7.5 2.03 lbs/ft																				
	2.5	8 2.03 lbs/ft																				
	2.5	8.5 2.03 lbs/ft																				
	2.5	9 2.03 lbs/ft																				
	2.5	9.5 2.03 lbs/ft																				
	2.5	10 2.47 lbs/ft																				
	2.5	10.5 2.47 lbs/ft																				
	2.5	11 2.47 lbs/ft																				
	3	7 2.03 lbs/ft																				
	3	7.5 2.03 lbs/ft																				
	3	8 2.03 lbs/ft																				
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	3	9 2.47 lbs/ft																				
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	3.5	9 2.47 lbs/ft																				
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	4	7.5 2.47 lbs/ft																				
	4	8 2.47 lbs/ft																				
	4.5 4.5	7 2.47 lbs/ft 7.5 2.47 lbs/ft																				
\vdash	4.5	1.5 2.41 IDS/ft																				



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

ZUCOR

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: 2.03#, 2.47#

U-Channel 203-247 Sign Post Selection Table, AASHTO 2009

Basic Wind Speed (3-sec gust) = 100 mph Recurrence Interval = 10 years Fy = 55,000 psi Number of Posts = 3

W= Sign Panel Width (ft)

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

					W										
Н	U 2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9
1	7 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft
1	7.5 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft		
1	8 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft							
1	8.5 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft					
1	9 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft							
1	9.5 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft								
1	10 2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft									
1	10.5 2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft											
1	11 2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft												
1	11.5 2.47 lbs/ft	2.47 lbs/ft													
1	12 2.47 lbs/ft														
1.5	7 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft						
1.5	7.5 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft								
1.5	8 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft									
1.5	8.5 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft										
1.5	9 2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft											
1.5	9.5 2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft												
1.5	10 2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft												
1.5	10.5 2.47 lbs/ft	2.47 lbs/ft													
1.5	11 2.47 lbs/ft														
2	7 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft										
2	7.5 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft										
2	8 2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft											
2	8.5 2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft												
2	9 2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft												
2	9.5 2.47 lbs/ft	2.47 lbs/ft													
2	10 2.47 lbs/ft														
2	10.5 2.47 lbs/ft														
2.5	7 2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft											
2.5	7.5 2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft												
2.5	8 2.03 lbs/ft	2.47 lbs/ft													
2.5	8.5 2.47 lbs/ft	2.47 lbs/ft													
2.5	9 2.47 lbs/ft														
2.5	9.5 2.47 lbs/ft														
3	7 2.03 lbs/ft	2.47 lbs/ft													
3	7.5 2.47 lbs/ft	2.47 lbs/ft													
3	8 2.47 lbs/ft														
3	8.5 2.47 lbs/ft														
3.5	7 2.47 lbs/ft														
3.5	7.5 2.47 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

SIZES: 2.03#, 2.47#

POST WINDLOAD

CAPACITY TABLE

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

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

U-Channel 203-247 Sign Post Selection Table, AASHTO 2009

Basic Wind Speed (3-sec gust) = 110 mph Recurrence Interval = 10 years

Fy = 55,000 psi Number of Posts = 3

> Н 2 2.5 4.5 6.5 3 3.5 5 5.5 7 2.03 lbs/ft 2.04 lbs/ft 2.05 lbs/ft 2.07 lbs/ft 2.07 lbs/ft 2.07 lbs/ft 2.07 lbs/ft 2.08 lbs/ft 2.09 1 7.5 2.03 lbs/ft 2.03 lbs/ft 2.03 lbs/ft 2.03 lbs/ft 2.03 lbs/ft 2.03 lbs/ft 2.47 lbs/ft 2.47 lbs/ft 2.47 lbs/ft ---1 8 2.03 lbs/ft 2.03 lbs/ft 2.03 lbs/ft 2.03 lbs/ft 2.47 lbs/ft 2.47 lbs/ft 2.47 lbs/ft 2.47 lbs/ft ---1 8.5 2.03 lbs/ft 2.03 lbs/ft 2.03 lbs/ft 2.47 lbs/ft 2.47 lbs/ft 2.47 lbs/ft ---------------9 2.03 lbs/ft 2.03 lbs/ft 2.47 lbs/ft 2.47 lbs/ft 2.47 lbs/ft ---1 ---------------9.5 2.03 lbs/ft 2.47 lbs/ft 2.47 lbs/ft 2.47 lbs/ft ---1 ---------------1 10 2.47 lbs/ft 2.47 lbs/ft 2.47 lbs/ft ---10.5 2.47 lbs/ft 2.47 lbs/ft ---1 ------1 11 2.47 lbs/ft ---7 2.03 lbs/ft 2.03 lbs/ft 2.03 lbs/ft 2.47 lbs/ft 2.47 lbs/ft 2.47 lbs/ft 1.5 ------1.5 7.5 2.03 lbs/ft 2.03 lbs/ft 2.03 lbs/ft 2.47 lbs/ft ---------------8 2.03 lbs/ft 2.03 lbs/ft 2.47 lbs/ft 2.47 lbs/ft ---1.5 8.5 2.03 lbs/ft 2.47 lbs/ft 2.47 lbs/ft ---1.5 ---1.5 9 2.47 lbs/ft 2.47 lbs/ft ---1.5 9.5 2.47 lbs/ft ------1.5 10 2.47 lbs/ft ------------------------2 7 2.03 lbs/ft 2.03 lbs/ft 2.47 lbs/ft ---------------------2 7.5 2.03 lbs/ft 2.47 lbs/ft 2.47 lbs/ft ---2 8 2.47 lbs/ft 2.47 lbs/ft ------2 8.5 2.47 lbs/ft 2.47 lbs/ft ---2 9 2.47 lbs/ft ---7 2.03 lbs/ft 2.47 lbs/ft ---2.5 ------------------7.5 2.47 lbs/ft 2.47 lbs/ft ---25 2.5 8 2.47 lbs/ft ------3 7 2.47 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: 2.03#, 2.47#

U-Channel 203-247 Sign Post Selection Table, AASHTO 2009

Basic Wind Speed (3-sec gust) = 120 mph

Recurrence Interval = 10 years

Fy = 55,000 psi Number of Posts = 3 W= Sign Panel Width (ft)

H = Sign Panel Height (ft)

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

					W								
Н	U 2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
1	7 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft
1	7.5 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft		
1	8 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft			
1	8.5 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft					
1	9 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft						
1	9.5 2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft								
1	10 2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft									
1	10.5 2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft										
1	11 2.47 lbs/ft	2.47 lbs/ft											
1	11.5 2.47 lbs/ft												
1.5	7 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft						
1.5	7.5 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft							
1.5	8 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft								
1.5	8.5 2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft									
1.5	9 2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft										
1.5	9.5 2.47 lbs/ft	2.47 lbs/ft											
1.5	10 2.47 lbs/ft	2.47 lbs/ft											
1.5	10.5 2.47 lbs/ft												
2	7 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft									
2	7.5 2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft									
2	8 2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft										
2	8.5 2.03 lbs/ft												
2	9 2.47 lbs/ft												
2	9.5 2.47 lbs/ft												
2.5	7 2.03 lbs/ft												
2.5	7.5 2.03 lbs/ft												
2.5	8 2.47 lbs/ft												
2.5	8.5 2.47 lbs/ft												
2.5	9 2.47 lbs/ft												
3	7 2.47 lbs/ft												
3	7.5 2.47 lbs/ft												
3.5	7 2.47 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

U-Channel 203-247 Sign Post Selection Table, AASHTO 2009

Basic Wind Speed (3-sec gust) = 130 mph

Recurrence Interval = 10 years

Fy = 55,000 psi Number of Posts = 3

POST WINDLOAD CAPACITY TABLE

SIZES: 2.03#, 2.47#

W= Sign Panel Width (ft)

H = Sign Panel Height (ft)

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

					W					
Н	U 2	2.5	3	3.5	4	4.5	5	5.5	6	6.5
1	7 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft
1	7.5 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft		
1	8 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft			
1	8.5 2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft					
1	9 2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft						
1	9.5 2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft							
1	10 2.47 lbs/ft	2.47 lbs/ft								
1	10.5 2.47 lbs/ft									
1.5	7 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft					
1.5	7.5 2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft						
1.5	8 2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft							
1.5	8.5 2.03 lbs/ft	2.47 lbs/ft								
1.5	9 2.47 lbs/ft									
1.5	9.5 2.47 lbs/ft									
2	7 2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft							
2	7.5 2.03 lbs/ft	2.47 lbs/ft								
2	8 2.47 lbs/ft	2.47 lbs/ft								
2	8.5 2.47 lbs/ft									
2.5	7 2.47 lbs/ft	2.47 lbs/ft								
2.5	7.5 2.47 lbs/ft									
2.5	8 2.47 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

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

www.nucorhighway.com

CAPACITY TABLE SIZES: 2.03#, 2.47#

POST WINDLOAD

U-Channel 203-247 Sign Post Selection Table, AASHTO 2009

Basic Wind Speed (3-sec gust) = 140 mph

Recurrence Interval = 10 years

Fy = 55,000 psiNumber of Posts = 3 W= Sign Panel Width (ft) H = Sign Panel Height (ft)

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

					W			
Н	U 2	2.5	3	3.5	4	4.5	5	5.5
1	7 2.03 lbs/ft	2.03 lbs/ft		2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	
1	7.5 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft		
1	8 2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft				
1	8.5 2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft					
1	9 2.47 lbs/ft	2.47 lbs/ft						
1	9.5 2.47 lbs/ft							
1.5	7 2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft					
1.5	7.5 2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft					
1.5	8 2.47 lbs/ft	2.47 lbs/ft						
1.5	8.5 2.47 lbs/ft							
2	7 2.47 lbs/ft	2.47 lbs/ft						
2	7.5 2.47 lbs/ft							
2	8 2.47 lbs/ft							
2.5	7 2.47 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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W= Sign Panel Width (ft)

H = Sign Panel Height (ft)

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

POST WINDLOAD

CAPACITY TABLE

SIZES: 2.03#, 2.47#

U-Channel 203-247 Sign Post Selection Table, AASHTO 2009

8 2.47 lbs/ft ---

7 2.47 lbs/ft ---

Basic Wind Speed (3-sec gust) = 150 mph Recurrence Interval = 10 years

Fy = 55,000 psiNumber of Posts = 3

1.5

2

W Н U 2 2.5 3 3.5 4 4.5 7 2.03 lbs/ft 2.03 lbs/ft 2.47 lbs/ft 2.47 lbs/ft 2.47 lbs/ft 1 7.5 2.03 lbs/ft 2.47 lbs/ft 2.47 lbs/ft 2.47 lbs/ft 8 2.47 lbs/ft 2.47 lbs/ft 2.47 lbs/ft 1 1 8.5 2.47 lbs/ft ---7 2.03 lbs/ft 2.47 lbs/ft 1.5 1.5 7.5 2.47 lbs/ft ---



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