912 CHENEY AVE, MARION, JNC. Phone: (740) 383-4011 Fax: (740) 383-9680

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) = 85 mph
Recurrence Interval = 10 years
Fy = 55,000 psi
Number of Posts = 2

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

Number of Po	sts = 2																
ш	4	1.5	2	2.5	3	2.5	W 4	4.5	5		6	6.5	7	7.5	۰	0.5	9
H 1	U 1 7 2.03 lbs/ft	1.5 2.03 lbs/ft	2 2.03 lbs/ft			3.5 2.03 lbs/ft				5.5 2.03 lbs/ft	6 2.03 lbs/ft	6.5 2.03 lbs/ft	7 2.03 lbs/ft	7.5 2.47 lbs/ft	8 2.47 lbs/ft	8.5 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	2.03 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 8.5 2.03 lbs/ft																
1	9 2.03 lbs/ft																
1 1	9.5 2.03 lbs/ft 10 2.03 lbs/ft																
1	10.5 2.03 lbs/ft																
1	11 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 1	11.5 2.03 lbs/ft																
1.5	12 2.03 lbs/ft 7 2.03 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	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft	2.47 lbs/ft							
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1.5	9 2.03 lbs/ft																
1.5	9.5 2.03 lbs/ft																
1.5 1.5	10 2.03 lbs/ft 10.5 2.03 lbs/ft																
1.5	11 2.03 lbs/ft																
1.5	11.5 2.03 lbs/ft																
1.5 2	12 2.03 lbs/ft 7 2.03 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 2	8.5 2.03 lbs/ft 9 2.03 lbs/ft																
2	9.5 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft													
2 2	10 2.03 lbs/ft																
2	10.5 2.03 lbs/ft 11 2.03 lbs/ft																
2	11.5 2.03 lbs/ft	2.47 lbs/ft															
2	12 2.03 lbs/ft			2.02 lbo/ft	2.47 lbo/ft	 2.47 lbo/ft											
2.5 2.5	7 2.03 lbs/ft 7.5 2.03 lbs/ft																
2.5	8 2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft												
2.5 2.5	8.5 2.03 lbs/ft 9 2.03 lbs/ft																
2.5	9.5 2.03 lbs/ft																
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2.5	11.5 2.47 lbs/ft																
2.5	12 2.47 lbs/ft																
3 3	7 2.03 lbs/ft 7.5 2.03 lbs/ft																
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3 3	9 2.03 lbs/ft 9.5 2.03 lbs/ft																
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3 3	11 2.47 lbs/ft 11.5 2.47 lbs/ft																
3	12 2.47 lbs/ft																
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3.5	8.5 2.03 lbs/ft																
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3.5	10.5 2.47 lbs/ft																
3.5 3.5	11 2.47 lbs/ft 11.5 2.47 lbs/ft																
3.5 4	7 2.03 lbs/ft																
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4 4	8 2.03 lbs/ft 8.5 2.03 lbs/ft																
4	9 2.03 lbs/ft																
4	9.5 2.47 lbs/ft																
4 4	10 2.47 lbs/ft 10.5 2.47 lbs/ft																
4.5	7 2.03 lbs/ft																
4.5	7.5 2.03 lbs/ft																
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5	8 2.47 lbs/ft																
5 5	8.5 2.47 lbs/ft 9 2.47 lbs/ft																
5.5	7 2.03 lbs/ft																
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5.5 5.5	8.5 2.47 lbs/ft																
6	7 2.47 lbs/ft																
6 6	7.5 2.47 lbs/ft 8 2.47 lbs/ft																
6.5	7 2.47 lbs/ft																
-	40000	ТД	BLF SHOWS	MINIMIIM	ACCEPTABL	E DOST WE	IGHT FOR A	1									



912 CHENEY AVE, MARION, INC. 910 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) = 90 mph Recurrence Interval = 10 years

Fy = 55,000 psi Number of Posts = 2

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

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



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) = 100 mph

Recurrence Interval = 10 years

Fy = 55,000 psi Number of Posts = 2 W= Sign Panel Width (ft)

POST WINDLOAD

CAPACITY TABLE SIZES: 2.03#, 2.47#

H = Sign Panel Height (ft)

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

W			
H U 1 1.5 2 2.5 3 3.5 4 4.5	5	5.5	6
1 7 2.03 lbs/ft 2.	-		-
1 7.5 2.03 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 2.50 lbs/ft 2.47 lbs/ft 2.47 lbs/ft 2.50 lbs/ft 2.			
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			
1 11.5 2.47 lbs/ft 2.47 lbs/ft			
4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -			
1.5 11.5 2.47 lbs/ft			
4 - 40 - 4 - 10 - 10 - 10 - 10 - 10 - 10			
2 7.5 2.03 lbs/ft 2.03 lbs/ft 2.03 lbs/ft 2.47 lbs/ft			
2 8 2.03 lbs/ft 2.03 lbs/ft 2.47 lbs/ft			
2 8.5 2.03 lbs/ft 2.03 lbs/ft 2.47 lbs/ft			
2 9 2.03 lbs/ft 2.47 lbs/ft			
2 9.5 2.03 lbs/ft 2.47 lbs/ft			
2 10 2.47 lbs/ft 2.47 lbs/ft			
2 10.5 2.47 lbs/ft			
2 11 2.47 lbs/ft			
2.5 7 2.03 lbs/ft 2.03 lbs/ft 2.47 lbs/ft			
2.5 7.5 2.03 lbs/ft 2.03 lbs/ft 2.47 lbs/ft			
2.5 8 2.03 lbs/ft 2.47 lbs/ft			
2.5 8.5 2.03 lbs/ft 2.47 lbs/ft			
2.5 9 2.03 lbs/ft			
2.5 9.5 2.47 lbs/ft			
2.5 10 2.47 lbs/ft			
3 7 2.03 lbs/ft 2.47 lbs/ft			
3 7.5 2.03 lbs/ft 2.47 lbs/ft			
3 8 2.03 lbs/ft 2.47 lbs/ft			
3 8.5 2.47 lbs/ft			
3 9 2.47 lbs/ft			
3 9.5 2.47 lbs/ft			
3.5 7 2.03 lbs/ft 2.47 lbs/ft			
3.5 7.5 2.03 lbs/ft			
3.5 8 2.47 lbs/ft			
3.5 8.5 2.47 lbs/ft			
3.5 9 2.47 lbs/ft			
4 7 2.47 lbs/ft			
4 7.5 2.47 lbs/ft			
4 8 2.47 lbs/ft			
4.5 7 2.47 lbs/ft			
4.5 7.5 2.47 lbs/ft			



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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

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

Fy = 55,000 psi

Number of Posts = 2

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

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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

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

Recurrence Interval = 10 years Fy = 55,000 psi

Number of Posts = 2

							W			
Н	U 1	1.5	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	2.03 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	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		
1	8 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	8.5 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	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 2.47 lbs/ft									
1	11.5 2.47 lbs/ft									
. 1	12 2.47 lbs/ft									
1.5	7 2.03 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									
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 2.47 lbs/ft									
1.5	11 2.47 lbs/ft									
2	7 2.03 lbs/ft									
2	7.5 2.03 lbs/ft									
2	8 2.03 lbs/ft									
2	8.5 2.03 lbs/ft									
2	9 2.03 lbs/ft									
2	9.5 2.47 lbs/ft									
2	10 2.47 lbs/ft									
2	10.5 2.47 lbs/ft		 0.47 lb - //t							
2.5	7 2.03 lbs/ft									
2.5	7.5 2.03 lbs/ft									
2.5	8 2.03 lbs/ft									
2.5	0.0 =.0000,									
2.5	9 2.47 lbs/ft									
2.5	9.5 2.47 lbs/ft									
3	7 2.03 lbs/ft									
3	7.5 2.03 lbs/ft									
3	8 2.47 lbs/ft									
3	8.5 2.47 lbs/ft									
3	9 2.47 lbs/ft									
3.5	7 2.03 lbs/ft									
3.5	7.5 2.47 lbs/ft									
3.5	8 2.47 lbs/ft									
4	7 2.47 lbs/ft									
4 4.5	7.5 2.47 lbs/ft 7 2.47 lbs/ft									
4.5	/ ∠.4/ IDS/π									



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

Recurrence Interval = 10 years

Fy = 55,000 psi

Number of Posts = 2

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

MUCOR

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) = 140 mph

Recurrence Interval = 10 years

Fy = 55,000 psiNumber of Posts = 2

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	1	1.5	2	2.5	3	3.5		4
1	7 2.03	3 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft		
1	7.5 2.03	3 lbs/ft	2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft			
1	8 2.03	3 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft				
1	8.5 2.03	3 lbs/ft	2.47 lbs/ft	2.47 lbs/ft					
1	9 2.03	3 lbs/ft	2.47 lbs/ft						
1	9.5 2.4	7 lbs/ft	2.47 lbs/ft						
1	10 2.4	7 lbs/ft							
1.5	7 2.03	3 lbs/ft	2.03 lbs/ft	2.47 lbs/ft					
1.5	7.5 2.03	3 lbs/ft	2.47 lbs/ft	2.47 lbs/ft					
1.5	8 2.03	3 lbs/ft	2.47 lbs/ft						
1.5	8.5 2.4	7 lbs/ft	2.47 lbs/ft						
1.5	9 2.4	7 lbs/ft							
2	7 2.03	3 lbs/ft	2.47 lbs/ft						
2	7.5 2.03	3 lbs/ft	2.47 lbs/ft						
2	8 2.4	7 lbs/ft							
2	8.5 2.4	7 lbs/ft							
2.5	7 2.4	7 lbs/ft							
2.5	7.5 2.4	7 lbs/ft							
3	7 2.4	7 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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U-Channel 203-247 Sign Post Selection Table, AASHTO 2009

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

Recurrence Interval = 10 years

Fy = 55,000 psiNumber of Posts = 2

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 1	1.5	2	2.5	3	3.5
1	7 2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft		
1	7.5 2.03 lbs/ft	2.03 lbs/ft	2.47 lbs/ft			
1	8 2.03 lbs/ft	2.47 lbs/ft	2.47 lbs/ft			
1	8.5 2.47 lbs/ft	2.47 lbs/ft				
1	9 2.47 lbs/ft					
1	9.5 2.47 lbs/ft					
1.5	7 2.03 lbs/ft	2.47 lbs/ft				
1.5	7.5 2.03 lbs/ft	2.47 lbs/ft				
1.5	8 2.47 lbs/ft					
1.5	8.5 2.47 lbs/ft					
2	7 2.47 lbs/ft					
2	7.5 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.