



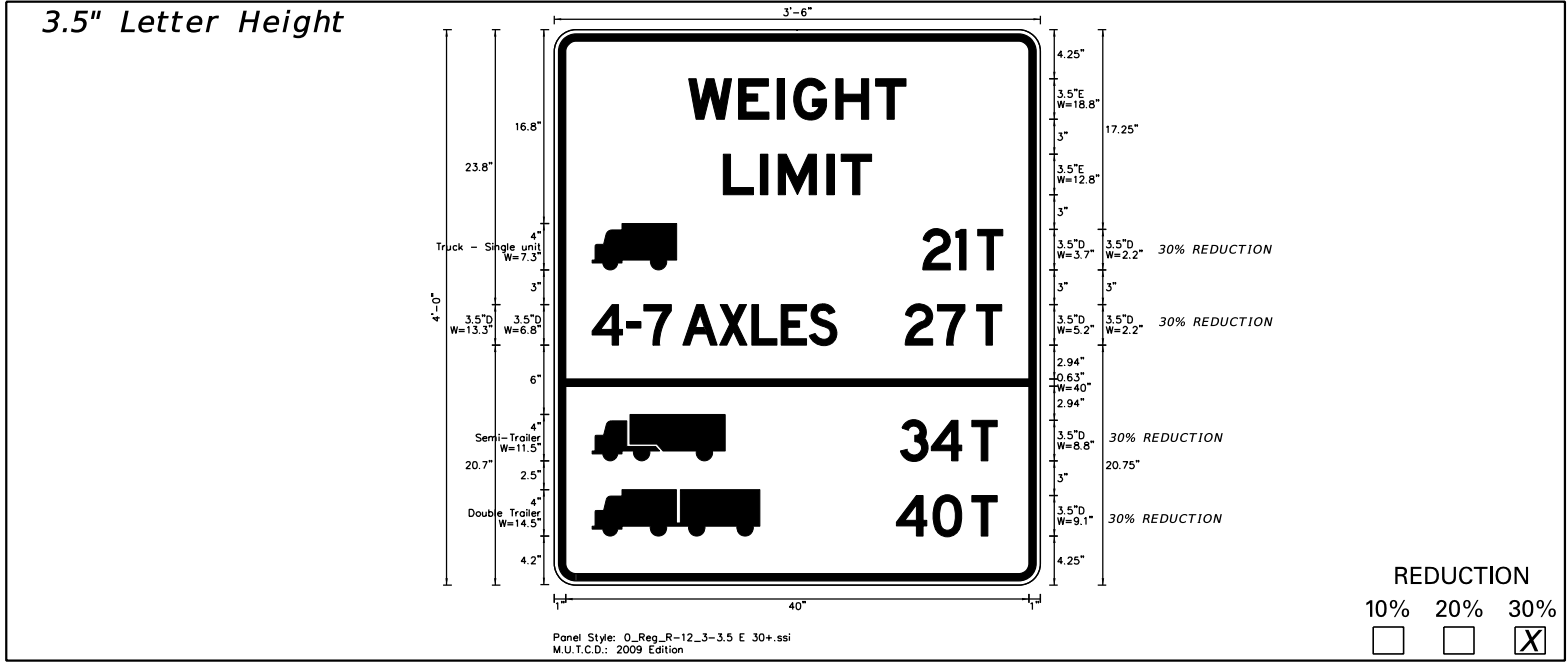






# SIGN DESIGN CALCULATIONS

PROJ. NO. SHV Montana Signing  
PROJ. TITLE \_\_\_\_\_



REDUCTION  
10%  20%  30%

Panel Style: 0\_Reg\_R-12\_3-3.5 E 30+.ssi  
Dimensions are in inches, tenths

SIGN NAME: **R12-5\_d**

SHT ALUM   
ALUM INCR  SIGN DETAIL 1:8

SIGN NUMBER	R12-5_d
WIDTH x HGHT.	3' -6" x 4' -0"
MARGIN	0.38"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
SQ. FEET	14.0 Sq. Ft.
MOUNTING	Ground
BACKGROUND TYPE:	High Intensity <b>XI</b>
BACKGROUND COLOR:	White
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

Stations:

DESIGNED:	<b>RDS</b>	DATE:	<b>12/2020</b>
CHECKED:	<b>JHC</b>	DATE:	<b>12/2020</b>

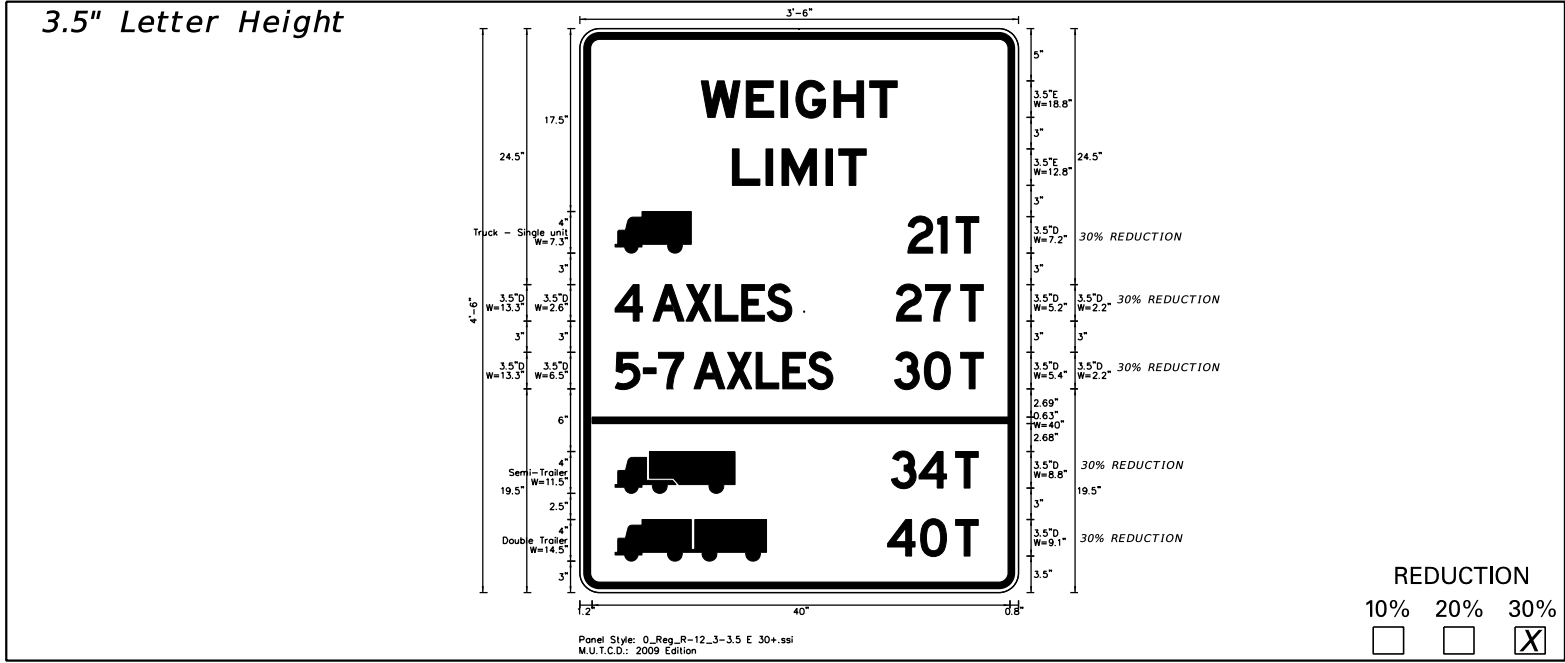
SYMBOL	ROT	X	Y	WID	HT
Truck - Single unit	0	3.3	27.2	7.3	4
Semi-Trailer	0	3.3	10.8	11.5	4
Double Trailer	0	3.3	4.3	14.5	4

LETTER POSITIONS (X)															LENGTH	SERIES SIZE	
11.6	4.3	3.3	1.4	3.6	3.4	2.6	11.6								18.8	E 2000 3.5	
14.6	3.2	1.5	4.2	1.2	2.6	14.6									12.8	E 2000 3.5	
31.8	2.9	0.9	1	2.2	3.3										6.9	D 2000 3.5	
3.3	3	1.5	2.4	1	3.2	2.8	2.5	2.4	2.4	5.9	2.8	2.4	1	2.2	3.3	35.4	D 2000 3.5
29.9	2.7	2.6	0.9	2.6	3.3										8.8	D 2000 3.5	
29.6	3.2	2.5	0.9	2.6	3.3										9.1	D 2000 3.5	



# SIGN DESIGN CALCULATIONS

PROJ. NO. SHV Montana Signing  
PROJ. TITLE \_\_\_\_\_



**REDUCTION**  
10%  20%  30%

Panel Style: 0\_Reg\_R-12\_3-3.5 E 30+.ssi  
Dimensions are in inches, tenths

SIGN NAME: **R12-5\_e**

SHT ALUM   
ALUM INCR  SIGN DETAIL 1:8

SIGN NUMBER	R12-5_e
WIDTH x HGHT.	3' - 6" x 4' - 6"
MARGIN	0.38"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
SQ. FEET	15.8 Sq. Ft.
MOUNTING	Ground
BACKGROUND TYPE:	High Intensity <b>XI</b>
BACKGROUND COLOR:	White
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

**Stations:**

DESIGNED:	<b>RDS</b>	DATE:	<b>12/2020</b>
CHECKED:	<b>JHC</b>	DATE:	<b>12/2020</b>

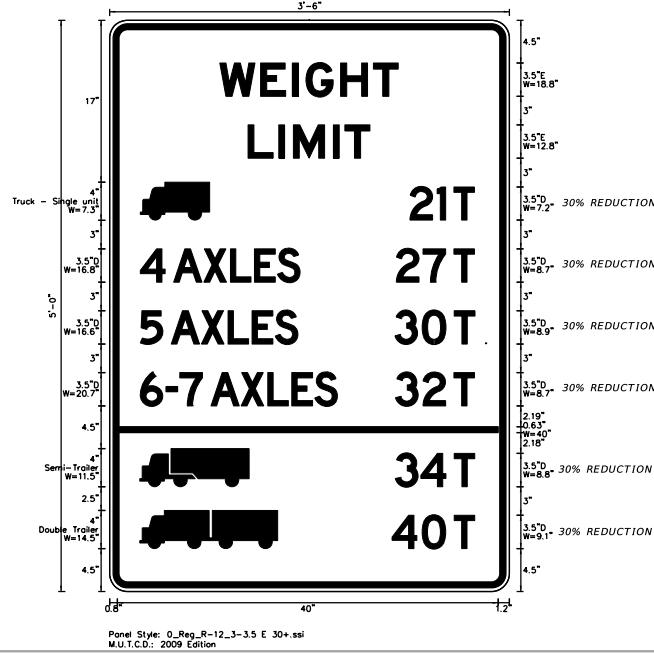
SYMBOL	ROT	X	Y	WID	HT
Truck - Single unit	0	3.4	32.5	7.3	4
Semi-Trailer	0	3.4	9.5	11.5	4
Double Trailer	0	3.4	3	14.5	4

LETTER POSITIONS (X)															LENGTH	SERIES SIZE	
11.6	4.3	3.3	1.4	3.6	3.4	2.6	11.6								18.8	E 2000 3.5	
14.6	3.2	1.5	4.2	1.2	2.6	14.6									12.8	E 2000 3.5	
31.4	2.9	0.9	0.9	2.6	3.4										7.2	D 2000 3.5	
3.4	2.6	1	3.2	2.8	2.5	2.4	2.4	10	2.8	2.4	1	2.2	3.4		35.3	D 2000 3.5	
3.4	2.7	1.5	2.4	1	3.2	2.8	2.5	2.4	2.4	5.9	2.9	2.5	1	2.2	3.4	35.3	D 2000 3.5
29.8	2.7	2.6	0.9	2.6	3.4										8.8	D 2000 3.5	
29.5	3.2	2.5	0.9	2.6	3.4										9.1	D 2000 3.5	

# SIGN DESIGN CALCULATIONS

PROJ. NO. SHV Montana Signing  
PROJ. TITLE \_\_\_\_\_

3.5" Letter Height



REDUCTION  
10%  20%  30%

Stations: \_\_\_\_\_

Panel Style: 0\_Reg\_R-12\_3-3.5 E 30+.ssi  
Dimensions are in inches, tenths

SIGN NAME: **R12-5\_f**

SIGN DETAIL  
1:8

SIGN NUMBER	R12-5_f
WIDTH x HGHT.	3' -6" x 5' -0"
MARGIN	0.38"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
SQ. FEET	17.5 Sq. Ft.
MOUNTING	Ground

SHT ALUM  ALUM INCR

SYMBOL	ROT	X	Y	WID	HT
Truck - Single unit	0	3.2	39	7.3	4
Semi-Trailer	0	3.2	11	11.5	4
Double Trailer	0	3.2	4.5	14.5	4

BACKGROUND  
TYPE: High Intensity **XI**  
COLOR: White

LEGEND/BORDER  
TYPE: Reflective  
COLOR: Black/Black

LETTER POSITIONS (X)													LENGTH	SERIES SIZE	
11.6	4.3	3.3	1.4	3.6	3.4	2.6	11.7						18.8	E 2000 3.5	
	L	I	M	I	T								12.8	E 2000 3.5	
	2	1		T									7.2	D 2000 3.5	
31.6	2.9	0.9	0.9	2.6	3.2								35.6	D 2000 3.5	
	4		A	X	L	E	S	2	7		T		35.6	D 2000 3.5	
3.2	2.6	0.9	3.2	2.8	2.5	2.4	2.4	10.1	2.8	2.4	0.9	2.6	3.2		
	5		A	X	L	E	S	3	0		T		35.6	D 2000 3.5	
3.2	2.4	0.9	3.2	2.8	2.5	2.4	2.4	10.2	2.9	2.5	0.9	2.6	3.2		
	6	-	7		A	X	L	E	S	3	2		T		
3.2	2.7	1.5	2.4	0.9	3.2	2.8	2.5	2.4	2.4	6.1	2.9	2.4	0.9	2.6	3.2
	3	4		T											
30	2.7	2.6	0.9	2.6	3.2									8.8	D 2000 3.5
	4	0		T											
29.7	3.2	2.5	0.9	2.6	3.2									9.1	D 2000 3.5

	LEFT MARGIN	RIGHT MARGIN
LINE 1		
LINE 2		
LINE 3		
LINE 4		
LINE 5		
LINE 6		
LINE 7		
LINE 8		
LINE 9		
LINE 10		
LINE 11		
LINE 12		
LINE 13		

DESIGNED: **RDS**  
DATE: **12/2020**  
CHECKED: **JHC**  
DATE: **12/2020**





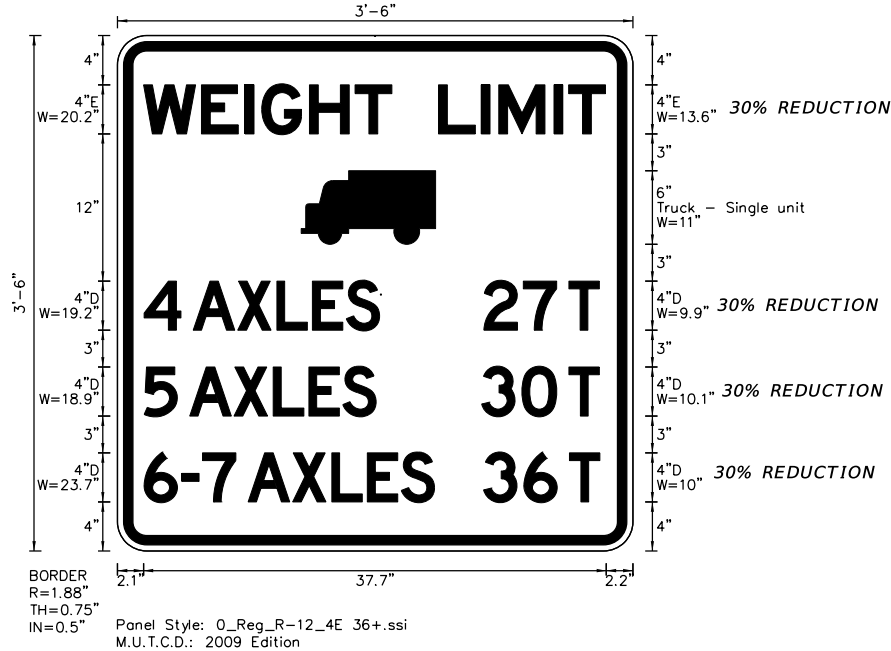




# SIGN DESIGN CALCULATIONS

PROJ. NO. SHV Montana Signing  
PROJ. TITLE \_\_\_\_\_

**4" Letter Height**



Panel Style: 0\_Reg\_R-12\_4E 36+.ssi  
Dimensions are in inches, tenths

SIGN NAME: **R12-5\_c**

SHT ALUM   
ALUM INCR

SIGN DETAIL  
1: 8

SIGN NUMBER	R12-5_c
WIDTH x HGHT.	3' -6" x 3' -6"
MARGIN	0.5"
BORDER WIDTH	0.75"
CORNER RADIUS	1.88"
SQ. FEET	12.3 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	High Intensity <b>XI</b>
BACKGROUND COLOR:	White
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

Stations:

DESIGNED:	<b>RDS</b>	DATE:	<b>12/2020</b>
CHECKED:	<b>JHC</b>	DATE:	<b>12/2020</b>

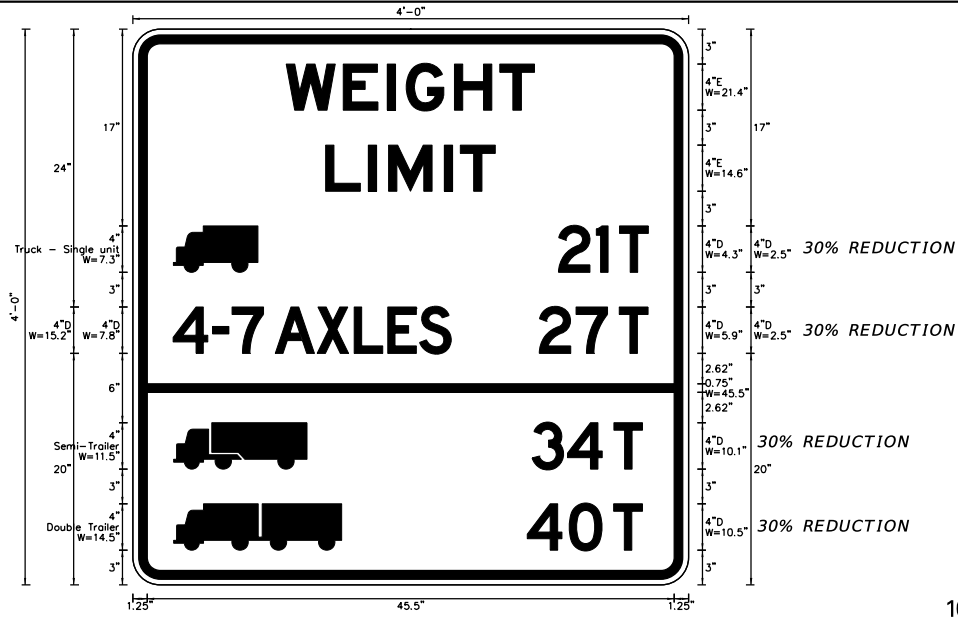
SYMBOL	ROT	X	Y	WID	HT
Truck - Single unit	0	15	25	11	6

LETTER POSITIONS (X)															LENGTH	SERIES SIZE			
W	E	I	G	H	T	L	I	M	I	T									
2.1	4.7	3.6	1.4	3.9	3.7	3	3.8	3.5	1.4	4.5	1.2	3	2.2				37.6	E 2000 4	
	4		A	X	L	E	S		2	7		T					37.6	D 2000 4	
2.2	3	1	3.6	3.2	2.9	2.8	2.7	8.5	3.2	2.7	1	3	2.2						
	5		A	X	L	E	S		3	0		T					37.6	D 2000 4	
2.2	2.7	1	3.6	3.2	2.9	2.8	2.7	8.6	3.3	2.8	1	3	2.2						
	6	-	7		A	X	L	E	S		3	6		T				37.7	D 2000 4
2.2	3.1	1.7	2.7	1	3.6	3.2	2.9	2.8	2.7	4	3.3	2.7	1	3	2.2				

# SIGN DESIGN CALCULATIONS

PROJ. NO. SHV Montana Signing  
PROJ. TITLE \_\_\_\_\_

## 4" Letter Height



Panel Style: 0\_Reg\_R-12\_4E 36+.ssi  
M.U.T.C.D.: 2009 Edition

REDUCTION  
10%  20%  30%

Panel Style: 0\_Reg\_R-12\_4E 36+.ssi  
Dimensions are in inches, tenths

SIGN NAME: **R12-5\_d**

SHT ALUM   
ALUM INCR

SIGN DETAIL  
1:8

SIGN NUMBER	R12-5_d
WIDTH x HGHT.	4' - 0" x 4' - 0"
MARGIN	0.5"
BORDER WIDTH	0.75"
CORNER RADIUS	1.88"
SQ. FEET	16.0 Sq. Ft.
MOUNTING	Ground
BACKGROUND TYPE:	High Intensity <b>XI</b>
BACKGROUND COLOR:	White
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

### Stations:

DESIGNED:	<b>RDS</b>	DATE:	<b>12/2020</b>
CHECKED:	<b>JHC</b>	DATE:	<b>12/2020</b>

SYMBOL	ROT	X	Y	WID	HT
Truck - Single unit	0	3.5	27	7.3	4
Semi-Trailer	0	3.5	10	11.5	4
Double Trailer	0	3.5	3	14.5	4

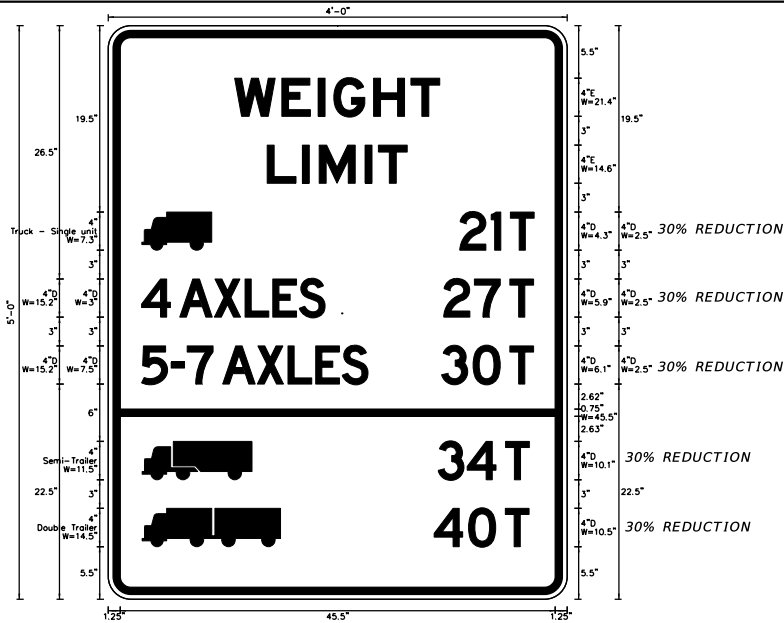
### LETTER POSITIONS (X)

															LENGTH	SERIES SIZE	
13.3	4.9	3.8	1.6	4.2	3.9	3	13.3								21.4	E 2000 4	
16.7	3.7	1.8	4.8	1.4	3	16.7									14.6	E 2000 4	
36.8	3.3	1	1	2.5	3.5										7.8	D 2000 4	
3.5	3.4	1.7	2.7	1	3.6	3.2	2.9	2.8	2.7	7.6	3.2	2.7	1	2.5	3.5	41	D 2000 4
34.5	3.1	3	1	3	3.5										10.1	D 2000 4	
34.1	3.6	2.8	1	3	3.5										10.5	D 2000 4	

# SIGN DESIGN CALCULATIONS

PROJ. NO. SHV Montana Signing  
PROJ. TITLE \_\_\_\_\_

**4" Letter Height**



Panel Style: 0\_Reg\_R-12\_4E 36+.ssi  
M.U.T.C.D.: 2009 Edition

**REDUCTION**  
10%  20%  30%

Panel Style: 0\_Reg\_R-12\_4E 36+.ssi  
Dimensions are in inches, tenths

SIGN NAME: **R12-5\_e**

SHT ALUM   
ALUM INCR

SIGN DETAIL  
1:8

SIGN NUMBER	R12-5_e
WIDTH x HGHT.	4' - 0" x 5' - 0"
MARGIN	0.5"
BORDER WIDTH	0.75"
CORNER RADIUS	1.88"
SQ. FEET	20.0 Sq. Ft.
MOUNTING	Ground
BACKGROUND TYPE:	High Intensity <b>XI</b>
BACKGROUND COLOR:	White
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

Stations:

DESIGNED:	<b>RDS</b>	DATE:	<b>12/2020</b>
CHECKED:	<b>JHC</b>	DATE:	<b>12/2020</b>

SYMBOL	ROT	X	Y	WID	HT
Truck - Single unit	0	3.5	36.5	7.3	4
Semi-Trailer	0	3.5	12.5	11.5	4
Double Trailer	0	3.5	5.5	14.5	4

## LETTER POSITIONS (X)

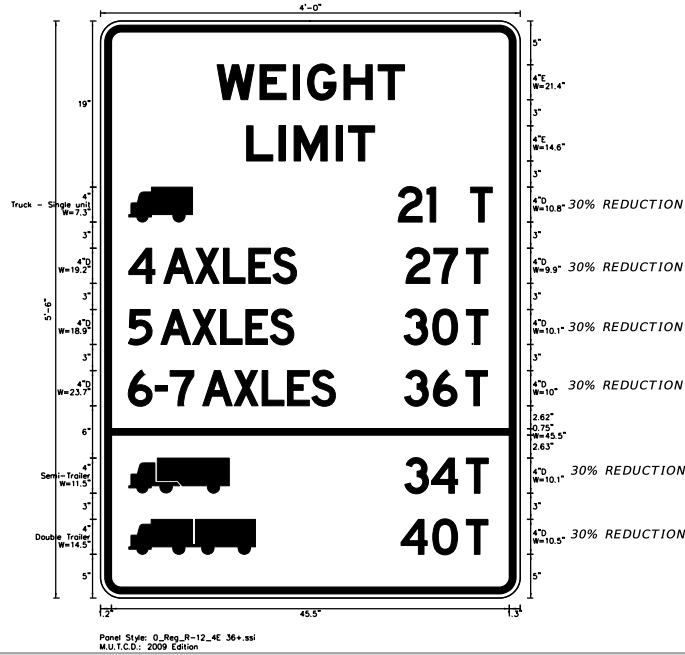
														LENGTH	SERIES SIZE		
	W	E	I	G	H	T								21.4	E 2000 4		
13.2	4.9	3.8	1.6	4.2	3.9	3	13.3										
	L	I	M	I	T									14.6	E 2000 4		
16.6	3.7	1.8	4.8	1.4	3	16.7											
	2	1		T										7.8	D 2000 4		
36.8	3.3	1	1	2.5	3.5												
	4		A	X	L	E	S	2	7	T				41	D 2000 4		
3.5	3	1	3.6	3.2	2.9	2.8	2.7	12.4	3.2	2.7	1	2.5	3.5				
	5	-	7		A	X	L	E	S		3	0	T		41	D 2000 4	
3.5	3.1	1.7	2.7	1	3.6	3.2	2.9	2.8	2.7	7.7	3.3	2.8	1	2.5	3.5		
	3	4		T												10.1	D 2000 4
34.5	3.1	3	1	3	3.5												
	4	0		T												10.5	D 2000 4
34.1	3.6	2.8	1	3	3.5												



# SIGN DESIGN CALCULATIONS

PROJ. NO. SHV Montana Signing  
PROJ. TITLE \_\_\_\_\_

4" Letter Height



REDUCTION  
10%  20%  30%

Stations:

Panel Style: 0\_Reg\_R-12\_4E 36+.ssi  
Dimensions are in inches, tenths

SIGN NAME: **R12-5\_f**

SIGN DETAIL  
1:8

SIGN NUMBER	R12-5_f	SHT ALUM <input type="checkbox"/>	ALUM INCR <input checked="" type="checkbox"/>																																				
WIDTH x HGHT.	4' - 0" x 5' - 6"	<table border="1"> <tr> <th>SYMBOL</th> <th>ROT</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> <tr> <td>Truck - Single unit</td> <td>0</td> <td>3.2</td> <td>43</td> <td>7.3</td> <td>4</td> </tr> <tr> <td>Semi-Trailer</td> <td>0</td> <td>3.2</td> <td>12</td> <td>11.5</td> <td>4</td> </tr> <tr> <td>Double Trailer</td> <td>0</td> <td>3.2</td> <td>5</td> <td>14.5</td> <td>4</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		SYMBOL	ROT	X	Y	WID	HT	Truck - Single unit	0	3.2	43	7.3	4	Semi-Trailer	0	3.2	12	11.5	4	Double Trailer	0	3.2	5	14.5	4												
SYMBOL	ROT			X	Y	WID	HT																																
Truck - Single unit	0			3.2	43	7.3	4																																
Semi-Trailer	0			3.2	12	11.5	4																																
Double Trailer	0			3.2	5	14.5	4																																
MARGIN	0.5"																																						
BORDER WIDTH	0.75"																																						
CORNER RADIUS	1.88"																																						
SQ. FEET	22.0 Sq. Ft.																																						
MOUNTING	Ground																																						
<table border="1"> <tr> <th colspan="2">BACKGROUND</th> </tr> <tr> <td>TYPE:</td> <td>High Intensity <b>XI</b></td> </tr> <tr> <td>COLOR:</td> <td>White</td> </tr> <tr> <th colspan="2">LEGEND/BORDER</th> </tr> <tr> <td>TYPE:</td> <td>Reflective</td> </tr> <tr> <td>COLOR:</td> <td>Black/Black</td> </tr> </table>		BACKGROUND		TYPE:	High Intensity <b>XI</b>	COLOR:	White	LEGEND/BORDER		TYPE:	Reflective	COLOR:	Black/Black																										
BACKGROUND																																							
TYPE:	High Intensity <b>XI</b>																																						
COLOR:	White																																						
LEGEND/BORDER																																							
TYPE:	Reflective																																						
COLOR:	Black/Black																																						

LETTER POSITIONS (X)													LENGTH	SERIES SIZE			
13.3	4.9	3.8	1.6	4.2	3.9	3	13.2						21.4	E 2000 4			
16.7	3.7	1.8	4.8	1.4	3	16.6							14.6	E 2000 4			
34	3.3	1	4	2.5	3.2								10.8	D 2000 4			
3.2	3	1	3.6	3.2	2.9	2.8	2.7	12.5	3.2	2.7	1	3	3.2	41.6	D 2000 4		
3.2	2.7	1	3.6	3.2	2.9	2.8	2.7	12.6	3.3	2.8	1	3	3.2	41.6	D 2000 4		
3.2	3.1	1.7	2.7	1	3.6	3.2	2.9	2.8	2.7	7.9	3.3	2.7	1	3	3.2	41.6	D 2000 4
34.8	3.1	3	1	3	3.2									10.1	D 2000 4		
34.4	3.6	2.8	1	3	3.2									10.5	D 2000 4		

	LEFT MARGIN	RIGHT MARGIN
LINE 1		
LINE 2		
LINE 3		
LINE 4		
LINE 5		
LINE 6		
LINE 7		
LINE 8		
LINE 9		
LINE 10		
LINE 11		
LINE 12		
LINE 13		

DESIGNED:	<b>RDS</b>
DATE:	<b>12/2020</b>
CHECKED:	<b>JHC</b>
DATE:	<b>12/2020</b>



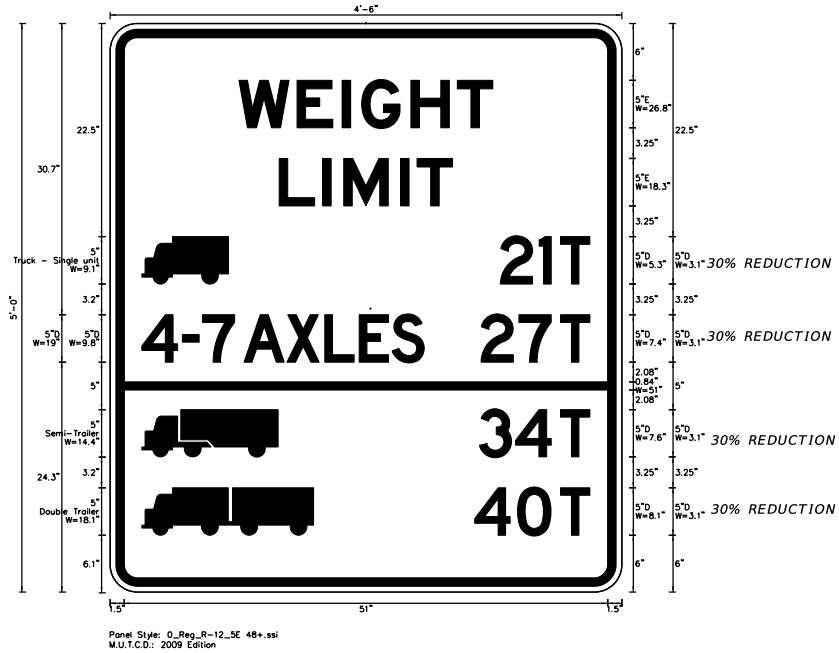




# SIGN DESIGN CALCULATIONS

PROJ. NO. SHV Montana Signing  
PROJ. TITLE \_\_\_\_\_

5" Letter Height



Panel Style: 0\_Reg\_R-12\_5E 48+, ssi  
Dimensions are in inches, tenths

SIGN NAME: R12-5\_d

SHT ALUM   
ALUM INCR

SIGN DETAIL  
1:8

SIGN NUMBER	R12-5_d
WIDTH x HGHT.	4' - 6" x 5' - 0"
MARGIN	0.63"
BORDER WIDTH	0.88"
CORNER RADIUS	2.25"
SQ. FEET	22.5 Sq. Ft.
MOUNTING	Ground
BACKGROUND TYPE:	High Intensity <b>XI</b>
BACKGROUND COLOR:	White
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

Stations:

DESIGNED:	<b>RDS</b>	DATE:	<b>12/2020</b>
CHECKED:	<b>JHC</b>	DATE:	<b>12/2020</b>

SYMBOL	ROT	X	Y	WID	HT
Truck - Single unit	0	3.4	32.5	9.1	5
Semi-Trailer	0	3.4	14.2	14.4	5
Double Trailer	0	3.4	6	18.1	5

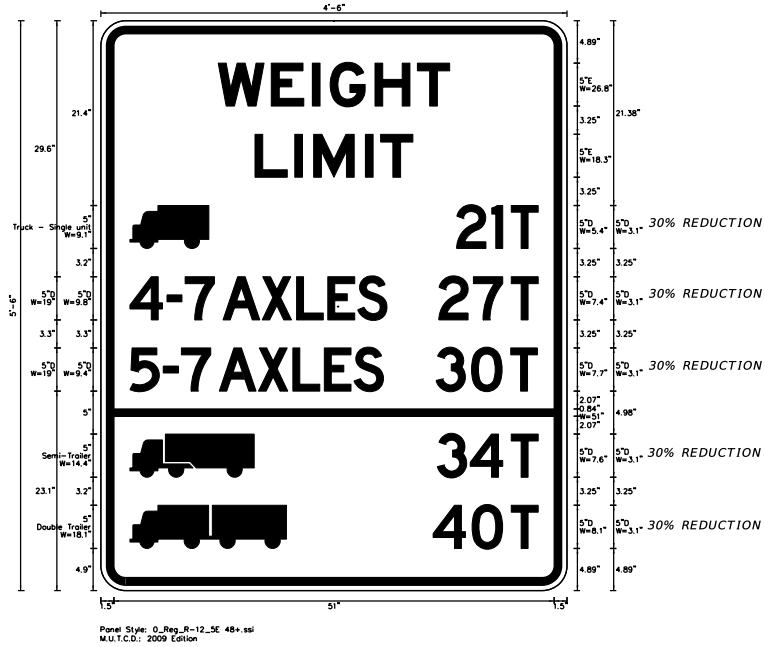
LETTER POSITIONS (X)															LENGTH	SERIES SIZE	
13.6	6.2	4.7	2	5.2	4.9	3.8	13.6								26.8	E 2000 5	
17.8	4.6	2.2	6	1.7	3.8	17.9									18.3	E 2000 5	
41.2	4.1	1.2	1	3.1	3.4										9.4	D 2000 5	
3.4	4.3	2.1	3.4	1	4.5	4	3.6	3.4	3.4	6	4	3.4	1	3.1	3.4	47.3	D 2000 5
39	3.8	3.7	1	3.1	3.4										11.7	D 2000 5	
38.5	4.5	3.5	1	3.1	3.4										12.2	D 2000 5	



# SIGN DESIGN CALCULATIONS

PROJ. NO. SHV Montana Signing  
PROJ. TITLE \_\_\_\_\_

5" Letter Height



REDUCTION  
10%  20%  30%

Panel Style: 0\_Reg\_R-12\_5E 48+, ssi  
Dimensions are in inches, tenths

SIGN NAME: **R12-5\_e**

SHT ALUM   
ALUM INCR

SIGN DETAIL  
1:8

SIGN NUMBER	R12-5_e
WIDTH x HGHT.	4' -6" x 5' -6"
MARGIN	0.63"
BORDER WIDTH	0.88"
CORNER RADIUS	2.25"
SQ. FEET	24.8 Sq. Ft.
MOUNTING	Ground
BACKGROUND TYPE:	High Intensity <b>XI</b>
BACKGROUND COLOR:	White
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

Stations:

DESIGNED:	<b>RDS</b>	DATE:	<b>12/2020</b>
CHECKED:	<b>JHC</b>	DATE:	<b>12/2020</b>

SYMBOL	ROT	X	Y	WID	HT
Truck - Single unit	0	3.4	39.6	9.1	5
Semi-Trailer	0	3.4	13.1	14.4	5
Double Trailer	0	3.4	4.9	18.1	5

## LETTER POSITIONS (X)

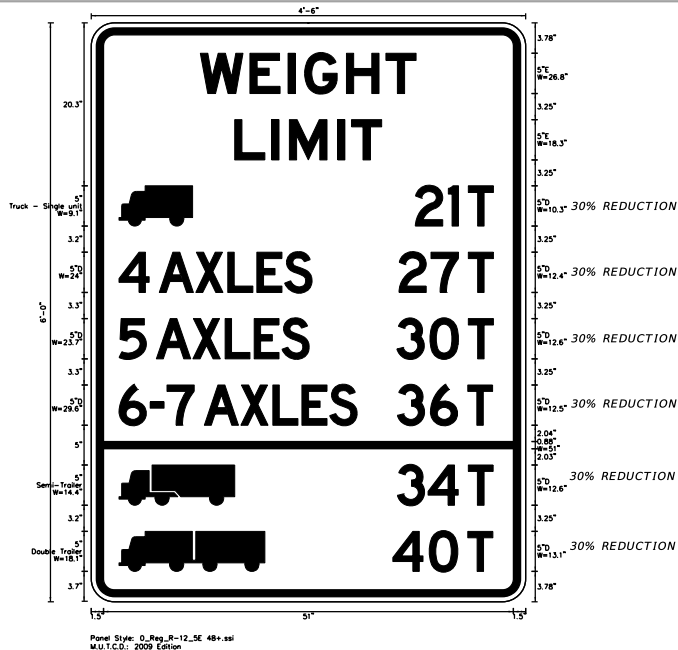
																LENGTH	SERIES SIZE										
W	E	I	G	H	T																						
13.6	6.1	4.7	2	5.2	4.9	3.8	13.6											26.8	E 2000 5								
	L	I	M	I	T																						
17.8	4.6	2.2	6	1.7	3.8	17.9											18.3	E 2000 5									
	2	1		T																							
41.2	4.1	1.3	1	3.1	3.4											9.5	D 2000 5										
	4	-	7		A	X	L	E	S		2	7		T													
3.4	4.3	2.1	3.4	1	4.5	4	3.6	3.4	3.4	6	4	3.4	1	3.1	3.4											47.3	D 2000 5
	5	-	7		A	X	L	E	S		3	0		T													
3.4	3.9	2.1	3.4	1	4.5	4	3.6	3.4	3.4	6.1	4.1	3.6	1	3.1	3.4											47.2	D 2000 5
	3	4		T																							
39	3.8	3.8	1	3.1	3.4											11.7	D 2000 5										
	4	0		T																							
38.5	4.5	3.6	1	3.1	3.4											12.2	D 2000 5										



# SIGN DESIGN CALCULATIONS

PROJ. NO. SHV Montana Signing  
PROJ. TITLE \_\_\_\_\_

5" Letter Height



Stations:

REDUCTION  
10%  20%  30%

Panel Style: 0\_Reg\_R-12\_5E 48+.ssi  
Dimensions are in inches, tenths

SIGN NAME: R12-5\_f

SIGN DETAIL  
1:8

SIGN NUMBER	R12-5_f	SHT ALUM <input type="checkbox"/>	ALUM INCR <input checked="" type="checkbox"/>																																				
WIDTH x HGHT.	4' -6" x 6' -0"	<table border="1"> <thead> <tr> <th>SYMBOL</th> <th>ROT</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> </thead> <tbody> <tr> <td>Truck - Single unit</td> <td>0</td> <td>3.4</td> <td>46.7</td> <td>9.1</td> <td>5</td> </tr> <tr> <td>Semi-Trailer</td> <td>0</td> <td>3.4</td> <td>12</td> <td>14.4</td> <td>5</td> </tr> <tr> <td>Double Trailer</td> <td>0</td> <td>3.4</td> <td>3.8</td> <td>18.1</td> <td>5</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		SYMBOL	ROT	X	Y	WID	HT	Truck - Single unit	0	3.4	46.7	9.1	5	Semi-Trailer	0	3.4	12	14.4	5	Double Trailer	0	3.4	3.8	18.1	5												
SYMBOL	ROT			X	Y	WID	HT																																
Truck - Single unit	0			3.4	46.7	9.1	5																																
Semi-Trailer	0			3.4	12	14.4	5																																
Double Trailer	0			3.4	3.8	18.1	5																																
MARGIN	0.63"	<table border="1"> <thead> <tr> <th colspan="2">BACKGROUND</th> </tr> <tr> <td>TYPE:</td> <td>High Intensity <b>XI</b></td> </tr> <tr> <td>COLOR:</td> <td>White</td> </tr> <tr> <th colspan="2">LEGEND/BORDER</th> </tr> <tr> <td>TYPE:</td> <td>Reflective</td> </tr> <tr> <td>COLOR:</td> <td>Black/Black</td> </tr> </thead> </table>		BACKGROUND		TYPE:	High Intensity <b>XI</b>	COLOR:	White	LEGEND/BORDER		TYPE:	Reflective	COLOR:	Black/Black																								
BACKGROUND																																							
TYPE:	High Intensity <b>XI</b>																																						
COLOR:	White																																						
LEGEND/BORDER																																							
TYPE:	Reflective																																						
COLOR:	Black/Black																																						
BORDER WIDTH	0.88"																																						
CORNER RADIUS	2.25"																																						
SQ. FEET	27.0 Sq. Ft.																																						
MOUNTING	Ground																																						

LETTER POSITIONS (X)													LENGTH	SERIES SIZE			
13.6	6.1	4.7	2.1	5.2	4.9	3.8	13.6						26.8	E 2000 5			
17.8	4.6	2.2	6	1.7	3.8	17.9							18.3	E 2000 5			
40.3	4.1	1.2	1.3	3.8	3.4								10.3	D 2000 5			
3.4	3.8	1.3	4.5	4	3.6	3.4	3.4	10.8	4	3.4	1.3	3.7	3.4	47.2	D 2000 5		
3.4	3.4	1.2	4.5	4	3.6	3.4	3.4	10.9	4.1	3.5	1.3	3.7	3.4	47.2	D 2000 5		
3.4	3.9	2.1	3.4	1.3	4.5	4	3.6	3.4	3.4	5	4.1	3.4	1.3	3.8	3.4	47.1	D 2000 5
38.1	3.8	3.7	1.3	3.8	3.4									12.6	D 2000 5		
37.5	4.5	3.6	1.2	3.8	3.4									13.1	D 2000 5		






	LEFT MARGIN	RIGHT MARGIN
LINE 1		
LINE 2		
LINE 3		
LINE 4		
LINE 5		
LINE 6		
LINE 7		
LINE 8		
LINE 9		
LINE 10		
LINE 11		
LINE 12		
LINE 13		






DESIGNED: **RDS**  
DATE: **12/2020**  
CHECKED: **JHC**  
DATE: **12/2020**






# SIGN DESIGN CALCULATIONS





PROJ. NO. SHV Montana Signing





PROJ. TITLE \_\_\_\_\_





<b>WEIGHT LIMIT</b>	21T
 4 AXLES	27T
 5 AXLES	30T
 6-7 AXLES	32T
	34T
	40T




<b>WEIGHT LIMIT</b>	21 T
 4 AXLES	27T
 5 AXLES	30T
 6-7 AXLES	36T
	34T
	40T




<b>WEIGHT LIMIT</b>	21T
 4 AXLES	27T
 5 AXLES	30T
 6-7 AXLES	36T
	34T
	40T




<b>WEIGHT LIMIT</b>	21T
 4 AXLES	27T
 5-7 AXLES	30T
	34T
	40T




<b>WEIGHT LIMIT</b>	21T
 4 AXLES	27T
 5-7 AXLES	30T
	34T
	40T

<b>WEIGHT LIMIT</b>	21T
 4-7 AXLES	27T
 5-7 AXLES	30T
	34T
	40T




<b>WEIGHT LIMIT</b>	21T
 4-7 AXLES	27T
	34T
	40T



<b>WEIGHT LIMIT</b>	21T
 4-7 AXLES	27T
	34T
	40T



<b>WEIGHT LIMIT</b>	21T
 4-7 AXLES	27T
	34T
	40T



<b>WEIGHT LIMIT</b>	27T
 4 AXLES	30T
 5 AXLES	32T
 6-7 AXLES	


<b>WEIGHT LIMIT</b>	27T
 4 AXLES	30T
 5 AXLES	36T
 6-7 AXLES	


<b>WEIGHT LIMIT</b>	27T
 4 AXLES	30T
 5 AXLES	36T
 6-7 AXLES	

<b>WEIGHT LIMIT</b>	32T
 5 AXLES	36T
 6-7 AXLES	

<b>WEIGHT LIMIT</b>	30T
 5 AXLES	36T
 6-7 AXLES	

<b>WEIGHT LIMIT</b>	30T
 5 AXLES	36T
 6-7 AXLES	

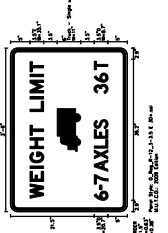
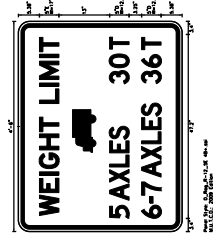
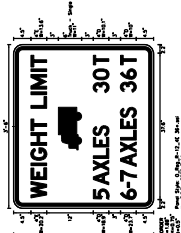
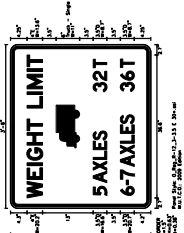
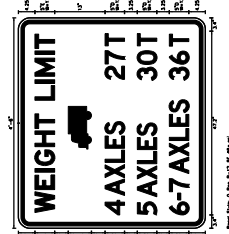
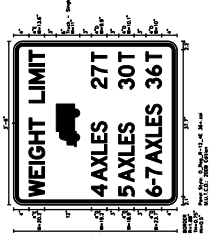
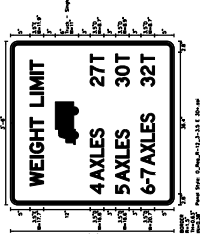
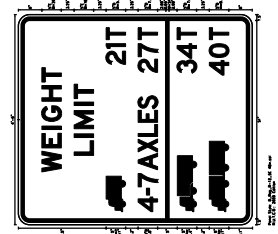
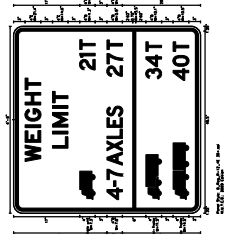
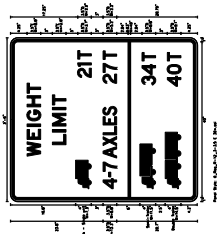
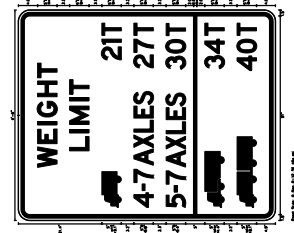
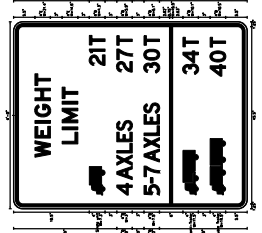
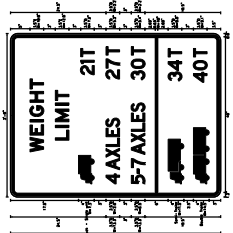
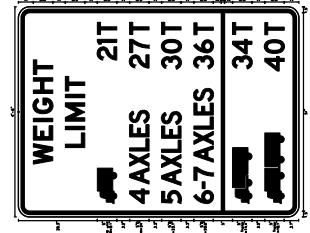
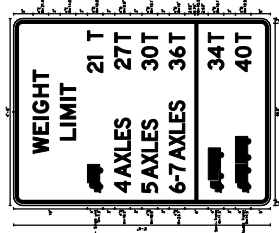
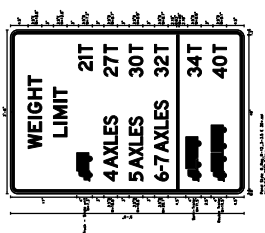
<b>WEIGHT LIMIT</b>	36T
 6-7 AXLES	

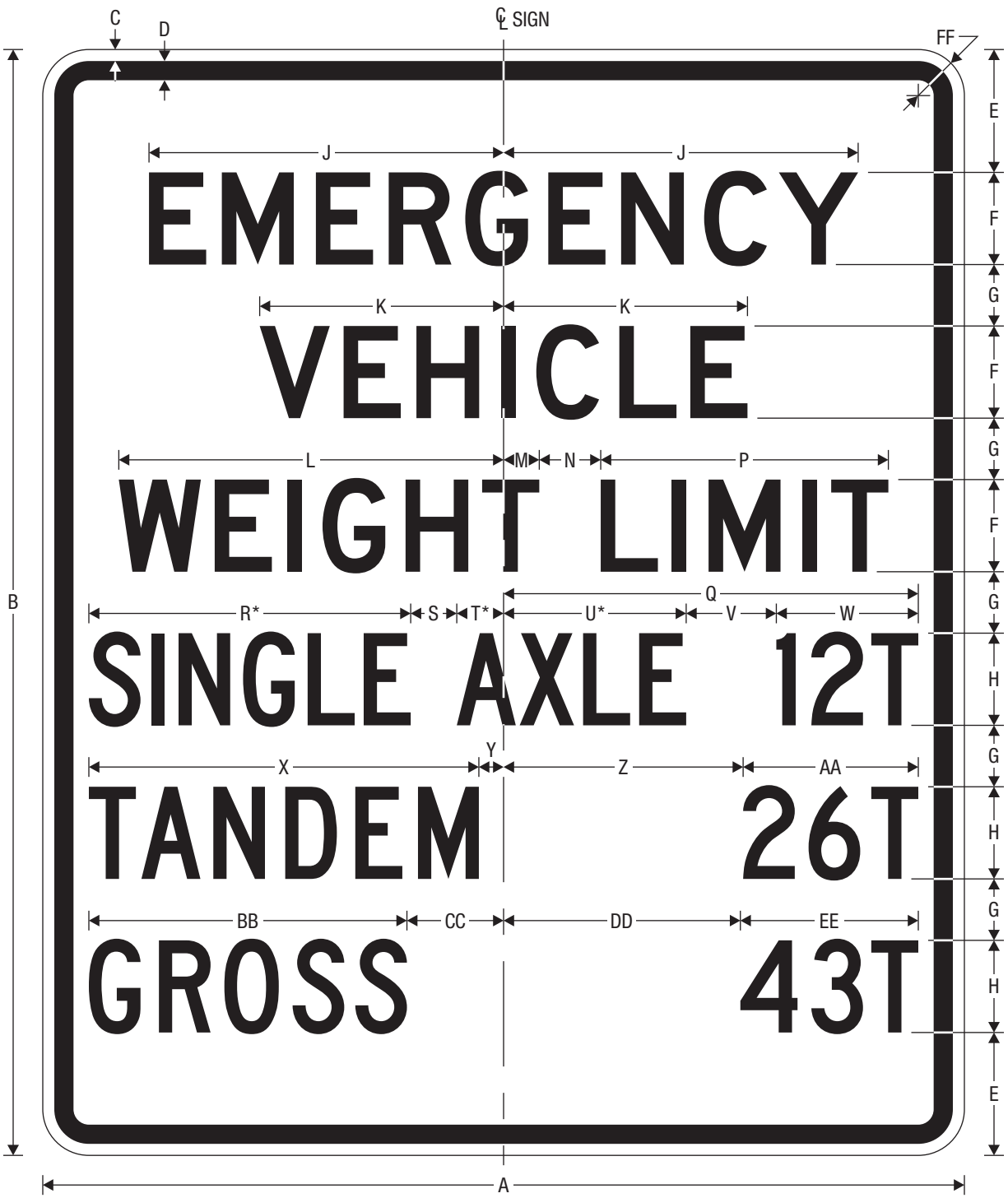
<b>WEIGHT LIMIT</b>	36T
 6-7 AXLES	

<b>WEIGHT LIMIT</b>	36T
 6-7 AXLES	

# SIGN DESIGN CALCULATIONS

PROJ. NO. SHV Montana Signing  
PROJ. TITLE \_\_\_\_\_





R12-7

EMERGENCY VEHICLE WEIGHT LIMIT

\* Reduce character spacing 30%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
30	36	0.375	0.625	4	3 D	2	3 C	11.542	7.939	12.525	1.163	2	9.363	13.5
48	60	0.75	1.25	6.875	5 D	3.75	4.5 C	19.237	13.232	20.833	1.979	3.25	15.605	20.833
R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF
10.477	1.5	1.523	5.944	VAR	VAR	12.695	0.805	VAR	VAR	10.354	3.146	VAR	VAR	1.5
15.715	2.5	2.618	8.583	VAR	VAR	19.043	1.790	VAR	VAR	15.531	5.302	VAR	VAR	3

COLORS: LEGEND, BORDER – BLACK  
BACKGROUND – WHITE (RETROREFLECTIVE)

X-XX



R12-7aP

EMERGENCY VEHICLE WEIGHT LIMIT (PLAQUE)

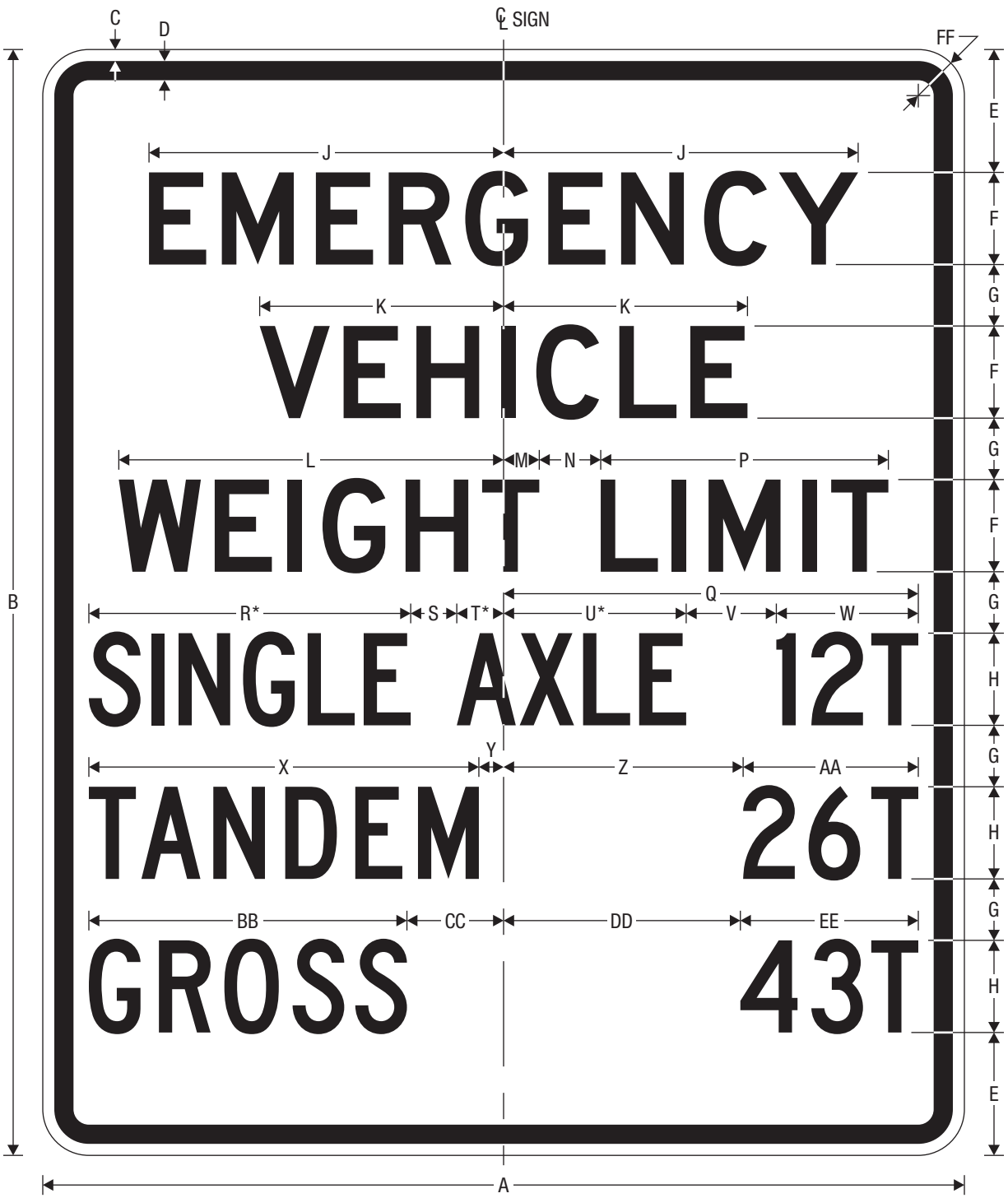
\* Reduce character spacing 30%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
30	0.375	0.625	3.5	3 D	2	3 C	3.5	11.542	9.111	9.110	13.5	10.477	1.5	1.523
48	0.75	1.25	5.25	5 D	3.75	4.5 C	5	19.237	15.184	15.184	20.833	15.715	2.5	2.618

R	S	T	U	V	W	X	Y	Z	AA	BB	CC
5.944	VAR	VAR	12.695	0.805	VAR	VAR	10.354	3.146	VAR	VAR	1.5
8.583	VAR	VAR	19.043	1.790	VAR	VAR	15.531	5.302	VAR	VAR	3

COLORS: LEGEND, BORDER – BLACK  
 BACKGROUND – WHITE (RETROREFLECTIVE)

X-XX



R12-7

EMERGENCY VEHICLE WEIGHT LIMIT

\* Reduce character spacing 30%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
30	36	0.375	0.625	4	3 D	2	3 C	11.542	7.939	12.525	1.163	2	9.363	13.5
48	60	0.75	1.25	6.875	5 D	3.75	4.5 C	19.237	13.232	20.833	1.979	3.25	15.605	20.833
R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF
10.477	1.5	1.523	5.944	VAR	VAR	12.695	0.805	VAR	VAR	10.354	3.146	VAR	VAR	1.5
15.715	2.5	2.618	8.583	VAR	VAR	19.043	1.790	VAR	VAR	15.531	5.302	VAR	VAR	3

COLORS: LEGEND, BORDER – BLACK  
BACKGROUND – WHITE (RETROREFLECTIVE)

X-XX



R12-7aP

EMERGENCY VEHICLE WEIGHT LIMIT (PLAQUE)

\* Reduce character spacing 30%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
30	0.375	0.625	3.5	3 D	2	3 C	3.5	11.542	9.111	9.110	13.5	10.477	1.5	1.523
48	0.75	1.25	5.25	5 D	3.75	4.5 C	5	19.237	15.184	15.184	20.833	15.715	2.5	2.618

R	S	T	U	V	W	X	Y	Z	AA	BB	CC
5.944	VAR	VAR	12.695	0.805	VAR	VAR	10.354	3.146	VAR	VAR	1.5
8.583	VAR	VAR	19.043	1.790	VAR	VAR	15.531	5.302	VAR	VAR	3

COLORS: LEGEND, BORDER – BLACK  
 BACKGROUND – WHITE (RETROREFLECTIVE)

X-XX