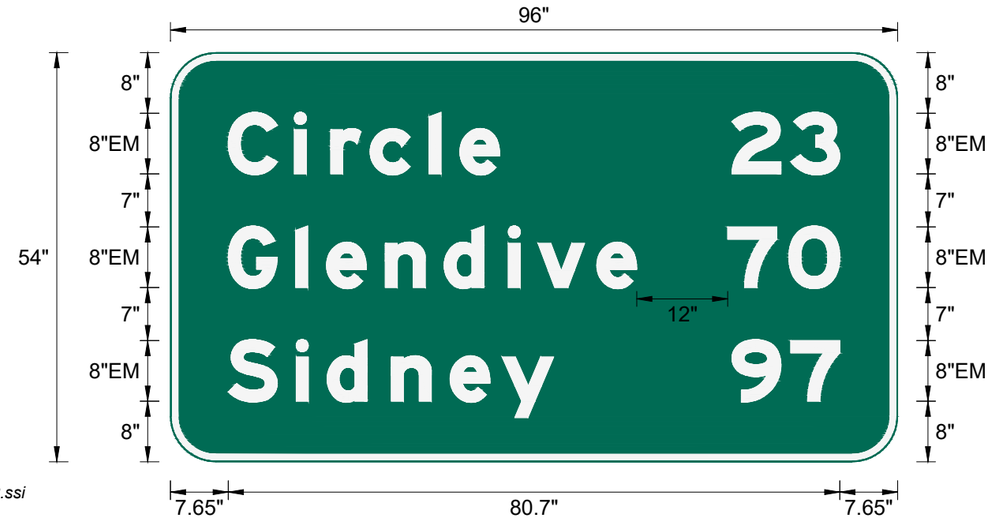
ENGINEERING CONSTRUCTION CONTRACTING SECTION
MONTANA DEPARTMENT OF TRANSPORTATION

Sign Design Calculations

SIGN DESIGN CALCS The requested files are only design files. The Department cannot guarantee the accuracy of the electronic data, particularly as it may be called up by your computer, nor does any data in these files supersede the data in the contract documents.

In addition, the Department will not make any revisions to the electronic files prior to award. Changes needed via change ordered work, or changes that are made during construction to fit field conditions, will be provided at that time. See the requirements of Subsection 619.03.2.



Panel Style: guide_con_distance_2012.ssi
Dimensions are in inches.tenths

SIGN NUMBER	G57-256A		
WIDTH x HEIGHT	8'-0" x 4'-6"	36 Sq.Ft.	
BORDER WIDTH	1"	MARGIN 0"	
CORNER RADIUS	6"	ALUMINUM TYPE	
MOUNTING	Ground	INCREMENT	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X) — REDUCTION: 10% 20% 30%

																															LENGTH	SERIES/SIZE
	C	i	r	c	l	e																										EM 2000
7.64	8.72	4.8	5.2	7.76	4.08	5.28	52.52																							35.84	8/6
	2	3																													EM 2000
74.12	7.76	6.48	7.64																											14.24	8
	G	l	e	n	d	i	v	e		7	0																				EM 2000
7.64	8.88	4.08	7.76	7.76	8.48	3.92	7.76	5.28	12	8.08	6.72	7.64																		80.72	8/6
	S	i	d	n	e	y																									EM 2000
7.64	8.96	4.08	8.48	7.76	6.88	6.8	45.4																							42.96	8/6
	9	7																													EM 2000
74.12	7.76	6.48	7.64																											14.24	8

SHEET NO.

SIGN DESIGN CALCULATIONS

PROJECT NAME: WEST OF BROCKWAY - WEST
COUNTY: MCCONE
PROJECT ID: NH-HSIP 57-6(22)254
UPN: 9727000

DESIGNED BY: S. WATSON 01/2025
REVIEWED BY:
CHECKED BY: N. STYREN 1/2025

MONTANA
Department of Transportation

SIGNING PLANS

3/27/2025 11:09 AM
9727000SISDC001.DWG



Panel Style: 0 Grn-PS_2-0 2-6.ssi
Dimensions are in inches.tenths

SIGN NUMBER	G57-256B		
WIDTH x HEIGHT	9'-0" x 3'-6"	31.5 Sq.Ft.	
BORDER WIDTH	1"	MARGIN 0"	
CORNER RADIUS	6"	ALUMINUM TYPE	
MOUNTING	Ground	INCREMENT	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X) — REDUCTION: 10% 20% 30%

																															LENGTH	SERIES/SIZE
	J	o	r	d	a	n																										EM 2000
6.55	8.08	7.92	5.2	7.76	8.48	5.28	58.73																							42.72	8/6
	4	4																													EM 2000
85.27	8.8	7.44	6.49																											16.24	8
	L	e	w	i	s	t	o	w	n		1	7	4																		EM 2000
6.55	6.96	6.88	10.48	3.92	6.96	6	7.04	10.48	5.28	12	4	7.52	7.44	6.49																94.96	8/6

SHEET NO.

SIGN DESIGN CALCULATIONS

PROJECT NAME: WEST OF BROCKWAY - WEST
COUNTY: MCCONE
PROJECT ID: NH-HSIP 57-6(22)254
UPN: 9727000

DESIGNED BY	DATE
S. WATSON	01/2025
REVIEWED BY	
CHECKED BY	1/2025
N. STYREN	

9727000SISDC001.DWG

MONTANA
Department of Transportation

SIGNING PLANS

3/27/2025 11:09 AM



Panel Style: 4 D3_StName_2L-grd.ssi
Dimensions are in inches.tenths

SIGN NUMBER	D3-1	
WIDTH x HEIGHT	3'-6" x 1'-0"	3.5 Sq.Ft.
BORDER WIDTH	0.5"	MARGIN 0"
CORNER RADIUS	1.5"	ALUMINUM TYPE
MOUNTING	Ground	SHEET
BACKGROUND	TYPE: Reflective	
	COLOR: Green	
LEGEND/BORDER	TYPE: Reflective	
	COLOR: White/White	

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

REDUCTION: 10% ☐ 20% ☐ 30% X

	C	h	a	l	k		B	u	t	t	e		R	d																	LENGTH	SERIES/SIZE
																																B 2000
3.69	3.25	2.58	2.85	1.45	2.4	4.2	3.08	2.5	1.8	2.01	2.22	2.8	2	1.48	3.69															34.62	6/4.5,4/3

SHEET NO.

SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

SIGNING PLANS

DESIGNED BY	S. WATSON 01/2025
REVIEWED BY	
CHECKED BY	N. STYREN 1/2025
PROJECT NAME	WEST OF BROCKWAY - WEST
COUNTY	MCCONE
PROJECT ID	NH-HSIP 57-6(22)254
UPN	9727000

3/27/2025 11:09 AM
9727000SISDC001.DWG



Panel Style: 4 D3_StName_1L-grd.ssi
Dimensions are in inches.tenths

SIGN NUMBER	D3-1		
WIDTH x HEIGHT	2'-6" x 1'-0"	2.5 Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN 0"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X) — REDUCTION: 10% 20% 30% — LENGTH — SERIES/SIZE

	L	o	g	a	n		R	d																							LENGTH	SERIES/SIZE
4.33	2.76	2.82	2.88	3.12	2.16	4	2.12	1.48	4.33																						21.34	B 2000 6/4.5,4/3

Panel Style: 4 D3_StName_1L-grd.ssi
Dimensions are in inches.tenths

SHEET NO.

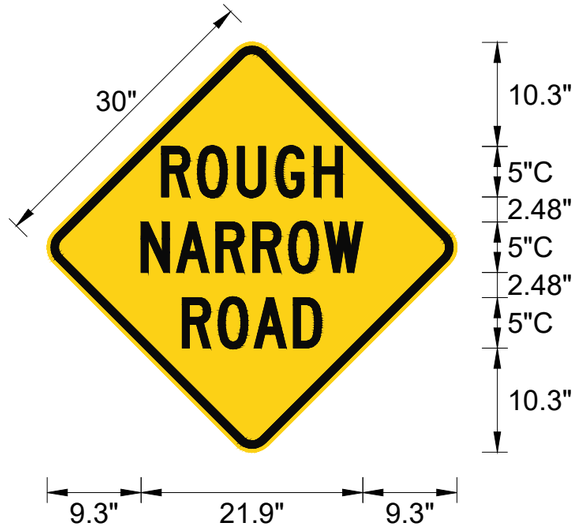
SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

SIGNING PLANS

3/27/2025 11:09 AM

DESIGNED BY	S. WATSON 01/2025
REVIEWED BY	
CHECKED BY	N. STYREN 1/2025
PROJECT NAME	WEST OF BROCKWAY - WEST
COUNTY	MCCONE
PROJECT ID	NH-HSIP 57-6(22)254
UPN	9727000
	9727000SISDC001.DWG



Panel Style: Warning_30in.ssi
Dimensions are in inches.tenths

SIGN NUMBER	W8-8MT	
WIDTH x HEIGHT	2'-6" x 2'-6"	6.25 Sq.Ft.
BORDER WIDTH	0.75"	MARGIN 0.38"
CORNER RADIUS	1.88"	ALUMINUM TYPE
MOUNTING	Ground	SHEET
BACKGROUND	TYPE: Reflective	
	COLOR: Yellow	
LEGEND/BORDER	TYPE: Non-reflective	
	COLOR: Black/Black	

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)																															REDUCTION: 10% 20% 30%	LENGTH	SERIES/SIZE
	R	O	U	G	H																												
11.33	3.55	3.95	3.8	3.8	2.8	11.33																										17.9	C 2000 5
	N	A	R	R	O	W																											
9.31	3.5	3.9	3.65	3.55	3.55	3.8	9.31																									21.95	C 2000 5
	R	O	A	D																													
13.38	3.55	3.55	3.9	2.8	13.38																											13.8	C 2000 5

SHEET NO.

SIGN DESIGN CALCULATIONS

PROJECT NAME: WEST OF BROCKWAY - WEST
COUNTY: MCCONE
PROJECT ID: NH-HSIP 57-6(22)254
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