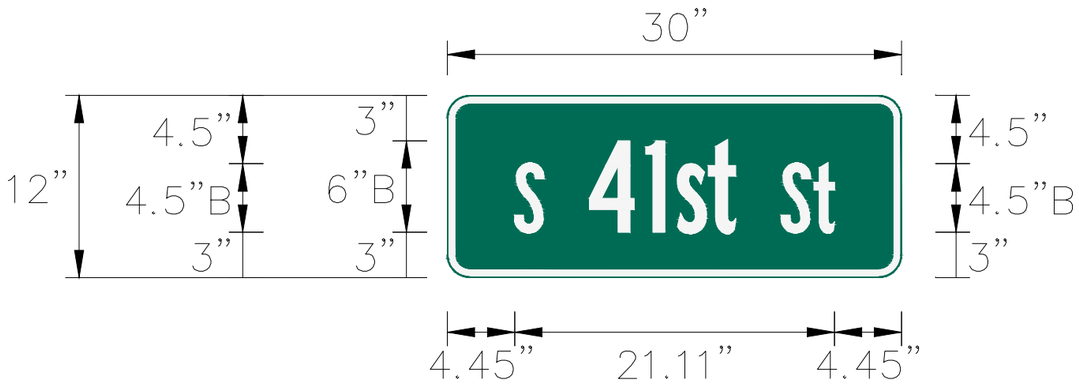
Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	30" x 12"	2.5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

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

	S		4	1	s	t		S	t																					LENGTH	SERIES/SIZE
																															B 2000
4.45"	1.94"	3"	3.72"	2.1"	2.04"	1.8"	3"	2.16"	1.35"	4.45"																				21.11"	4.5",6"/4.5",4.5"/3.38"

SHEET NO.
SDC1

SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

SIGNING PLANS

DESIGNED BY	MORRISON MAIERLE 03/2026
REVIEWED BY	FIRST INITIAL LAST NAME MM/YYYY
CHECKED BY	FIRST INITIAL LAST NAME MM/YYYY

PROJECT NAME: 1ST AVE SOUTH - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: NH 114-1(3)0
UPN: 10692000

10692000SISDCZ01.DWG
7/29/2026 11:11 AM

Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	30" x 12"	2.5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

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

	1	s	t		A	v	e		S																					LENGTH	SERIES/SIZE
4.92"	2.1"	2.04"	1.8"	3"	2.66"	2.25"	1.8"	2.48"	2.02"	4.93"																				20.14"	B 2000 6"/4.5",4.5"/3.38"

SHEET NO.
SDC2

SIGN DESIGN CALCULATIONS

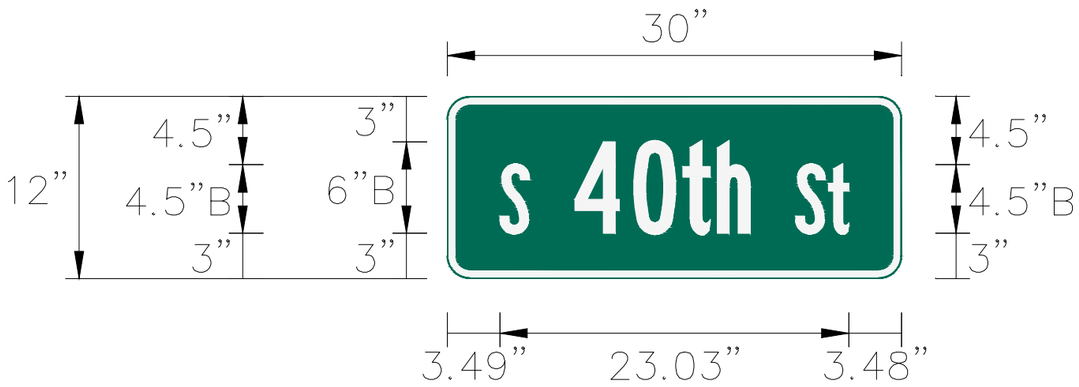
MONTANA
Department of Transportation

SIGNING PLANS

DESIGNED BY	MORRISON MAIERLE 03/2026
REVIEWED BY	FIRST INITIAL LAST NAME MM/YYYY
CHECKED BY	FIRST INITIAL LAST NAME MM/YYYY
PROJECT NAME	1ST AVE SOUTH - BILLINGS
COUNTY	YELLOWSTONE
PROJECT ID	NH 114-1(3)0
UPN	10692000

7/29/2026 11:11 AM
10692000SISDCZ01.DWG

Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	30" x 12"	2.5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

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

																														LENGTH	SERIES/SIZE
	S		4	0	t	h		S	t																						B 2000
3.49"	1.94"	3"	3.9"	3.24"	2.28"	2.16"	3"	2.16"	1.35"	3.48"																				23.03"	4.5",6"/4.5",4.5"/3.38"

SHEET NO.
SDC3

SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

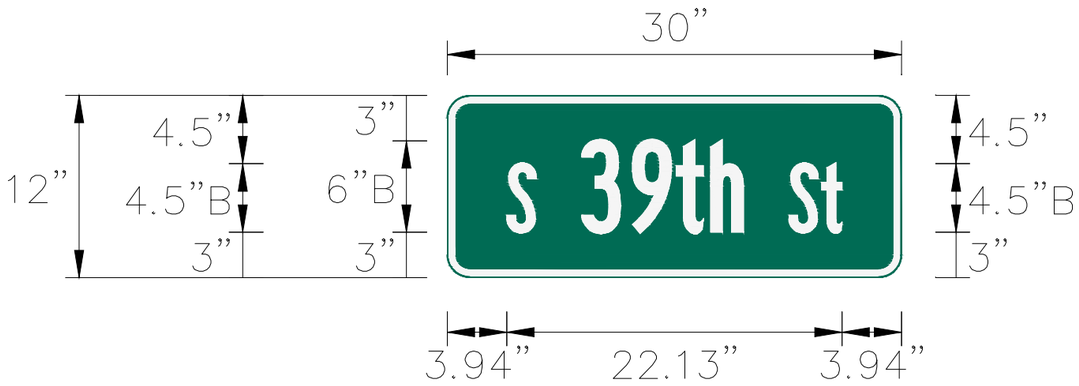
SIGNING PLANS

DESIGNED BY	03/2026
MORRISON MAIERLE	
REVIEWED BY	MMYYYY
FIRST INITIAL LAST NAME	
CHECKED BY	MMYYYY
FIRST INITIAL LAST NAME	

PROJECT NAME: 1ST AVE SOUTH - BIL
COUNTY: YELLOWSTONE
PROJECT ID: NH 114-1(3)0
UPN: 10692000

7/29/2026 11:11 AM
10692000SISDCZ01.DWG

Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	30" x 12"	2.5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

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

																														LENGTH	SERIES/SIZE
	S		3	9	t	h		S	t																						B 2000
3.94"	1.94"	3"	3.36"	2.88"	2.28"	2.16"	3"	2.16"	1.35"	3.94"																				22.13"	4.5",6"/4.5",4.5"/3.38"

SHEET NO.
SDC4

SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

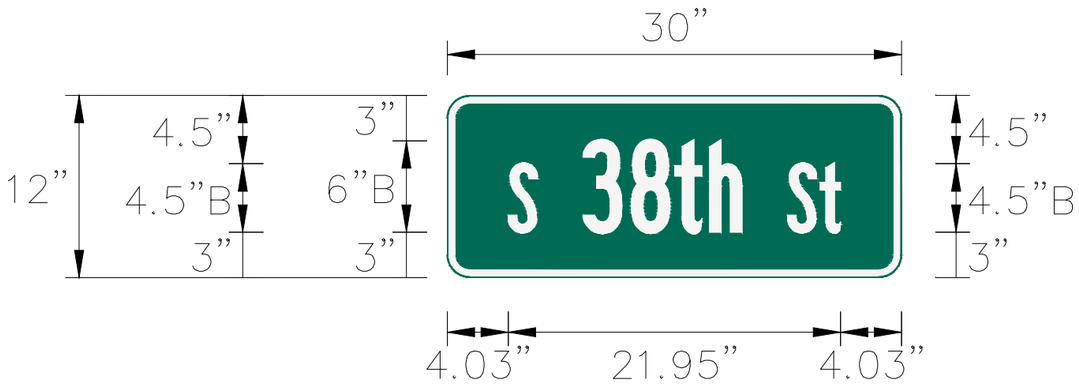
SIGNING PLANS

DESIGNED BY	MORRISON MAIERLE 03/2026
REVIEWED BY	FIRST INITIAL LAST NAME MM/YYYY
CHECKED BY	FIRST INITIAL LAST NAME MM/YYYY

PROJECT NAME: 1ST AVE SOUTH - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: NH 114-1(3)0
UPN: 10692000

10692000SISDCZ01.DWG
7/29/2026 11:11 AM

Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	30" x 12"	2.5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

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

																														LENGTH	SERIES/SIZE
	S		3	8	t	h		S	t																						B 2000
4.03"	1.94"	3"	3.18"	2.88"	2.28"	2.16"	3"	2.16"	1.35"	4.03"																				21.95"	4.5",6"/4.5",4.5"/3.38"

SHEET NO.
SDC5

SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

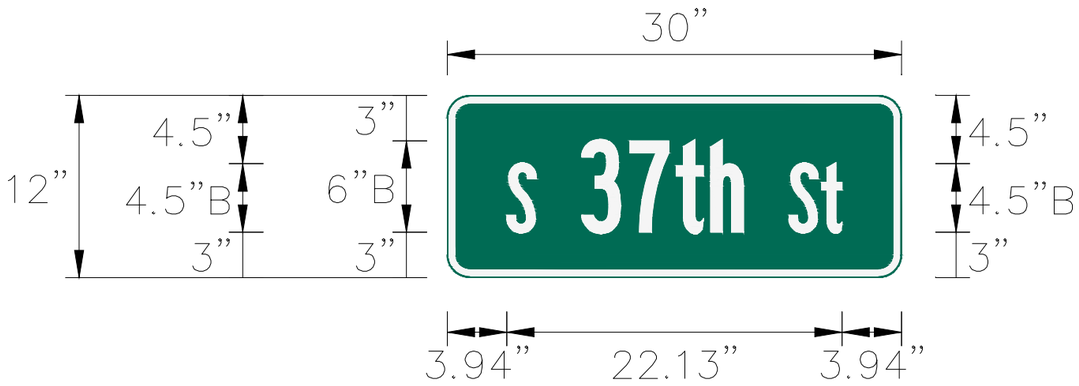
SIGNING PLANS

DESIGNED BY	MORRISON MAIERLE 03/2026
REVIEWED BY	FIRST INITIAL LAST NAME MM/YYYY
CHECKED BY	FIRST INITIAL LAST NAME MM/YYYY

PROJECT NAME: 1ST AVE SOUTH - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: NH 114-1(3)0
UPN: 10692000

10692000SISDC201.DWG
7/29/2026 11:11 AM

Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	30" x 12"	2.5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

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

																																LENGTH	SERIES/SIZE
	S		3	7	t	h		S	t																								B 2000
3.94"	1.94"	3"	3.18"	3.06"	2.28"	2.16"	3"	2.16"	1.35"	3.94"																						22.13"	4.5",6"/4.5",4.5"/3.38"

PROJECT NAME	1ST AVE SOUTH - BIL
COUNTY	YELLOWSTONE
PROJECT ID	NH 114-1(3)0
UPN	10692000

DESIGNED BY	03/2026
MORRISON MAIERLE	
REVIEWED BY	MM/YYYY
FIRST INITIAL LAST NAME	
CHECKED BY	MM/YYYY
FIRST INITIAL LAST NAME	

10692000SISDOC201.DWG

MONTANA
Department of Transportation

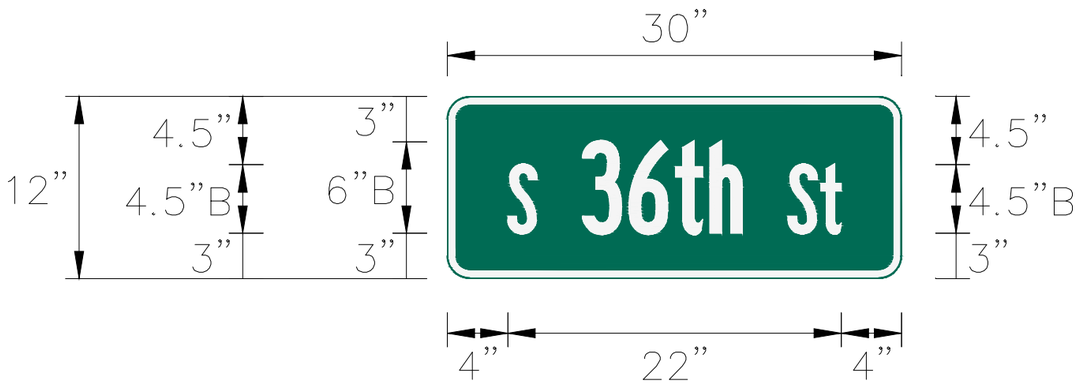
SIGNING PLANS

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SHEET NO.
SDC6

SIGN DESIGN CALCULATIONS

Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	30" x 12"	2.5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

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

																														LENGTH	SERIES/SIZE
	S		3	6	t	h		S	t																						B 2000
4"	1.94"	3"	3.06"	3.06"	2.28"	2.16"	3"	2.16"	1.35"	4"																				22"	4.5",6"/4.5",4.5"/3.38"

SHEET NO.
SDC7

SIGN DESIGN CALCULATIONS

PROJECT NAME: 1ST AVE SOUTH - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: NH 114-1(3)0
UPN: 10692000

DESIGNED BY		DRAWN BY	
MORRISON MAIERLE	03/2026	FIRST INITIAL LAST NAME	MMYYYY
REVIEWED BY		CHECKED BY	
FIRST INITIAL LAST NAME	MMYYYY	FIRST INITIAL LAST NAME	MMYYYY

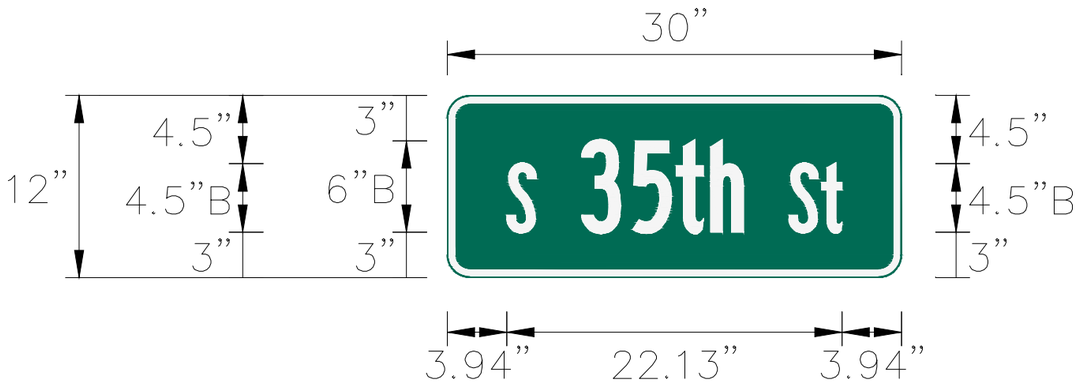
MONTANA
Department of Transportation

SIGNING PLANS

7/29/2026 11:11 AM

10692000SISDCZ01.DWG

Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	30" x 12"	2.5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

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

																																LENGTH	SERIES/SIZE
	S		3	5	t	h		S	t																								B 2000
3.94"	1.94"	3"	3.36"	2.88"	2.28"	2.16"	3"	2.16"	1.35"	3.94"																						22.13"	4.5",6"/4.5",4.5"/3.38"

SHEET NO.
SDC8

SIGN DESIGN CALCULATIONS

PROJECT NAME	1ST AVE SOUTH - BIL
COUNTY	YELLOWSTONE
PROJECT ID	NH 114-1(3)0
UPN	10692000

DESIGNED BY	03/2026
MORRISON MAIERLE	
REVIEWED BY	MM/YYYY
FIRST INITIAL LAST NAME	
CHECKED BY	MM/YYYY
FIRST INITIAL LAST NAME	

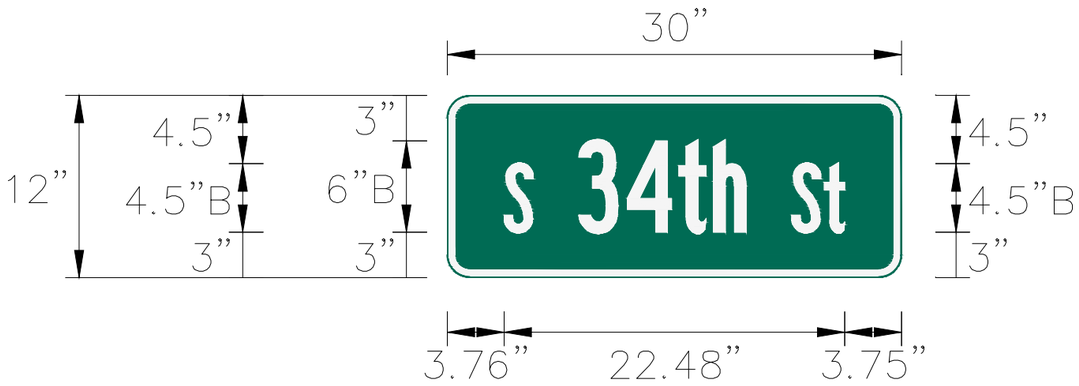
MONTANA
Department of Transportation

SIGNING PLANS

7/29/2026 11:11 AM

10692000SISDC201.DWG

Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	30" x 12"	2.5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

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

																															LENGTH	SERIES/SIZE
	S		3	4	t	h		S	t																							B 2000
3.76"	1.94"	3"	3.18"	3.42"	2.28"	2.16"	3"	2.16"	1.35"	3.75"																					22.48"	4.5",6"/4.5",4.5"/3.38"

SHEET NO.
SDC9

SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

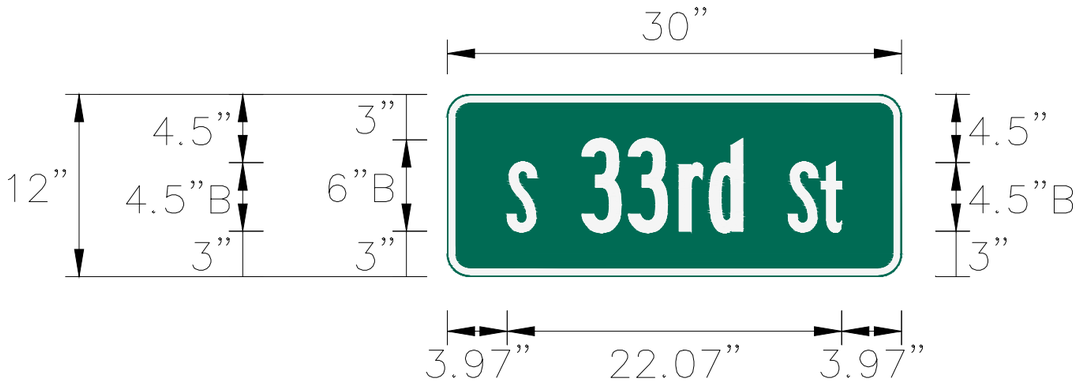
SIGNING PLANS

DESIGNED BY	MORRISON MAIERLE 03/2026
REVIEWED BY	FIRST INITIAL LAST NAME MM/YYYY
CHECKED BY	FIRST INITIAL LAST NAME MM/YYYY

PROJECT NAME: 1ST AVE SOUTH - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: NH 114-1(3)0
UPN: 10692000

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7/29/2026 11:11 AM

Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	30" x 12"	2.5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

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

																															LENGTH	SERIES/SIZE
	S		3	3	r	d		S	t																							B 2000
3.97"	1.94"	3"	3.06"	3.36"	1.98"	2.22"	3"	2.16"	1.35"	3.97"																					22.07"	4.5",6"/4.5",4.5"/3.38"

SHEET NO.
SDC10

SIGN DESIGN CALCULATIONS

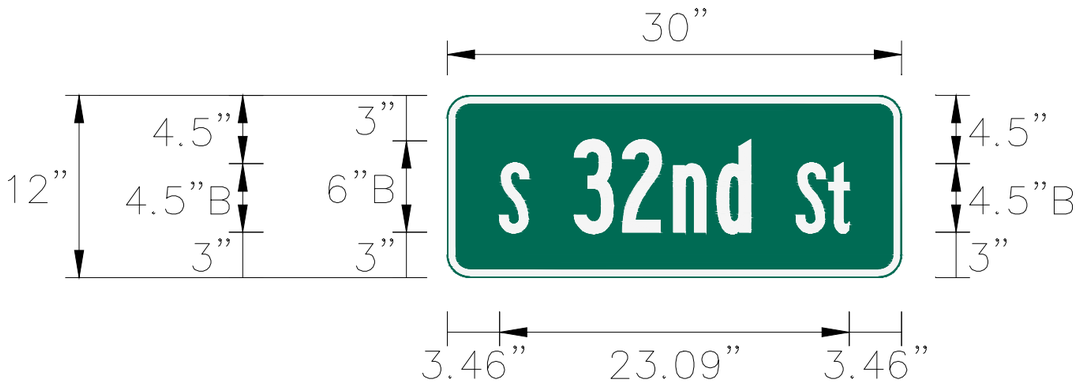
MONTANA
Department of Transportation

SIGNING PLANS

DESIGNED BY	MORRISON MAIERLE 03/2026
REVIEWED BY	FIRST INITIAL LAST NAME MM/YYYY
CHECKED BY	FIRST INITIAL LAST NAME MM/YYYY
PROJECT NAME	1ST AVE SOUTH - BILLINGS
COUNTY	YELLOWSTONE
PROJECT ID	NH 114-1(3)0
UPN	10692000

7/29/2026 11:11 AM
10692000\SDC201.DWG

Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	30" x 12"	2.5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

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

																															LENGTH	SERIES/SIZE
	S		3	2	n	d		S	t																							B 2000
3.46"	1.94"	3"	3.18"	3.36"	2.88"	2.22"	3"	2.16"	1.35"	3.46"																					23.09"	4.5",6"/4.5",4.5"/3.38"

SHEET NO.
SDC11

SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

SIGNING PLANS

DESIGNED BY	MORRISON MAIERLE 03/2026
REVIEWED BY	FIRST INITIAL LAST NAME MM/YYYY
CHECKED BY	FIRST INITIAL LAST NAME MM/YYYY

PROJECT NAME: 1ST AVE SOUTH - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: NH 114-1(3)0
UPN: 10692000

10692000SISDCZ01.DWG
7/29/2026 11:11 AM

Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	30" x 12"	2.5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

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

	S		3	1	s	t		S	t																					LENGTH	SERIES/SIZE
																															B 2000
4.72"	1.94"	3"	3.18"	2.1"	2.04"	1.8"	3"	2.16"	1.35"	4.71"																				20.57"	4.5",6"/4.5",4.5"/3.38"

SHEET NO.
SDC12

SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

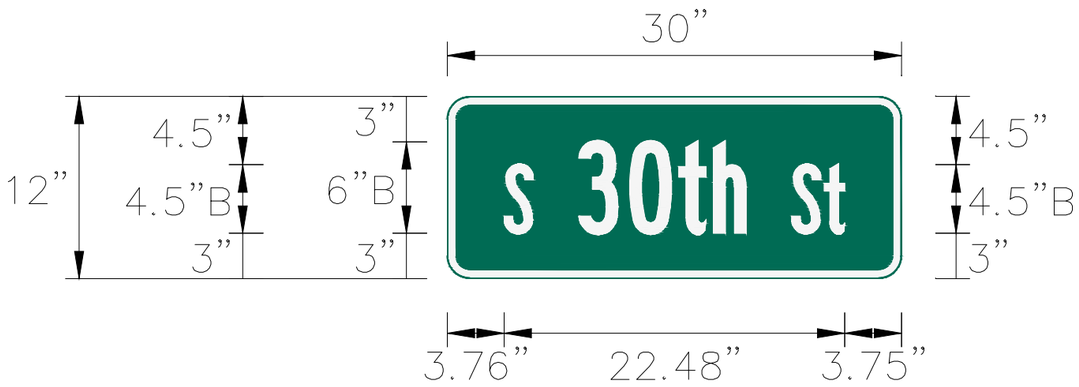
SIGNING PLANS

DESIGNED BY	MORRISON MAIERLE 03/2026
REVIEWED BY	FIRST INITIAL LAST NAME MM/YYYY
CHECKED BY	FIRST INITIAL LAST NAME MM/YYYY

PROJECT NAME: 1ST AVE SOUTH - BIL
COUNTY: YELLOWSTONE
PROJECT ID: NH 114-1(3)0
UPN: 10692000

7/29/2026 11:11 AM
10692000SISDCZ01.DWG

Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	30" x 12"	2.5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

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

																														LENGTH	SERIES/SIZE
	S		3	0	t	h		S	t																						B 2000
3.76"	1.94"	3"	3.36"	3.24"	2.28"	2.16"	3"	2.16"	1.35"	3.75"																				22.48"	4.5",6"/4.5",4.5"/3.38"

SHEET NO.
SDC13

SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

SIGNING PLANS

DESIGNED BY	MORRISON MAIERLE 03/2026
REVIEWED BY	FIRST INITIAL LAST NAME MM/YYYY
CHECKED BY	FIRST INITIAL LAST NAME MM/YYYY

PROJECT NAME: 1ST AVE SOUTH - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: NH 114-1(3)0
UPN: 10692000

10692000SISDC201.DWG
7/29/2026 11:11 AM

Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	54" x 24"	9" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Overhead	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

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

	S	t	a	t	e		A	v	e																					LENGTH	SERIES/SIZE
5.61"	5.76"	3.96"	5.28"	4.2"	4.44"	6"	5.31"	4.5"	3.33"	5.61"																				42.78"	B 2000 12"/9",9"/6.75"

SHEET NO.
SDC14

SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

SIGNING PLANS

DESIGNED BY	MORRISON MAIERLE 03/2026
REVIEWED BY	FIRST INITIAL LAST NAME MM/YYYY
CHECKED BY	FIRST INITIAL LAST NAME MM/YYYY

PROJECT NAME: 1ST AVE SOUTH - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: NH 114-1(3)0
UPN: 10692000
10692000SISDCZ01.DWG

7/29/2026 11:12 AM

Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	54" x 24"	9" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Overhead	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

REDUCTION: 10% 20% 30%

	1	s	t		A	v	e		S																					LENGTH	SERIES/SIZE
6.85"	4.2"	4.08"	3.6"	6"	5.31"	4.5"	3.6"	4.95"	4.05"	6.86"																				40.29"	B 2000 12"/9",9"/6.75"

SHEET NO.
SDC15

SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

SIGNING PLANS

DESIGNED BY	MORRISON MAIERLE 03/2026
REVIEWED BY	FIRST INITIAL LAST NAME MM/YYYY
CHECKED BY	FIRST INITIAL LAST NAME MM/YYYY

PROJECT NAME: 1ST AVE SOUTH - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: NH 114-1(3)0
UPN: 10692000

10692000SISDC201.DWG

7/29/2026 11:12 AM

Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	54" x 24"	9" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Overhead	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

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

																														LENGTH	SERIES/SIZE
	S		2	9	t	h		S	t																						B 2000
4.88"	3.87"	6"	6.72"	5.76"	4.56"	4.32"	6"	4.32"	2.7"	4.88"																				44.25"	9",12"/9",9"/6.75"

SHEET NO.
SDC16

SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

SIGNING PLANS

DESIGNED BY: MORRISON MAIERLE 03/2026
REVIEWED BY: FIRST INITIAL LAST NAME MM/YYYY
CHECKED BY: FIRST INITIAL LAST NAME MM/YYYY

PROJECT NAME: 1ST AVE SOUTH - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: NH 114-1(3)0
UPN: 10692000

10692000SISDC201.DWG
7/29/2026 11:12 AM

Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	78" x 24"	13" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN	
CORNER RADIUS	1.5"	ALUMINUM TYPE SHEET	
MOUNTING	Overhead		
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

REDUCTION: 10% ☐ 20% ☐ 30% ☒

	S		B	r	o	a	d	w	a	y		S	t																	LENGTH	SERIES/SIZE
	3.87"	6"	6.25"	3.71"	5.11"	5.45"	5.28"	7.14"	5.2"	5.52"	6"	4.19"	2.7"	5.8"																66.41"	B 2000 9",12"/9",9"/6.75"

SHEET NO.
SDC17

SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

SIGNING PLANS

DESIGNED BY	MORRISON MAIERLE 03/2026
REVIEWED BY	FIRST INITIAL LAST NAME MM/YYYY
CHECKED BY	FIRST INITIAL LAST NAME MM/YYYY

PROJECT NAME: 1ST AVE SOUTH - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: NH 114-1(3)0
UPN: 10692000

10692000SISDCZ01.DWG
7/29/2026 11:12 AM

Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	54" x 24"	9" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Overhead	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

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

																														LENGTH	SERIES/SIZE
	S		2	7	t	h		S	t																						B 2000
4.88"	3.87"	6"	6.36"	6.12"	4.56"	4.32"	6"	4.32"	2.7"	4.88"																				44.25"	9",12"/9",9"/6.75"

SHEET NO.
SDC18

SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

SIGNING PLANS

DESIGNED BY: MORRISON MAIERLE 03/2026
REVIEWED BY: FIRST INITIAL LAST NAME MM/YYYY
CHECKED BY: FIRST INITIAL LAST NAME MM/YYYY

PROJECT NAME: 1ST AVE SOUTH - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: NH 114-1(3)0
UPN: 10692000

10692000SISDCZ01.DWG
7/29/2026 11:12 AM

Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	60" x 24"	10" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Overhead	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

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

	O	r	c	h	a	r	d		L	n																						LENGTH	SERIES/SIZE
5.89"	6.86"	3.71"	5.28"	5.16"	5.7"	3.71"	4.44"	6"	4.11"	3.24"	5.9"																					48.21"	B 2000 12"/9",9"/6.75"

SHEET NO.
SDC19

SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

SIGNING PLANS

DESIGNED BY	MORRISON MAIERLE 03/2026
REVIEWED BY	FIRST INITIAL LAST NAME MM/YYYY
CHECKED BY	FIRST INITIAL LAST NAME MM/YYYY
PROJECT NAME	1ST AVE SOUTH - BILLINGS
COUNTY	YELLOWSTONE
PROJECT ID	NH 114-1(3)0
UPN	10692000

7/29/2026 11:12 AM
10692000\SIDC\201.DWG



Panel Style: guide_con_advance street name_2-lines.ssi
Dimensions are in inches hundredths

SIGN NUMBER	D3-2_2-lines_2012		
WIDTH x HEIGHT	72" x 36"	18" Sq.Ft.	
BORDER WIDTH	0.75"	MARGIN	
CORNER RADIUS	2.25"	ALUMINUM TYPE	
MOUNTING	Overhead	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

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

																													LENGTH	SERIES/SIZE
	1	s	t		A	v	e		S																					B 2000
11.26"	3.7"	4.01"	3.6"	12"	5.17"	4.31"	3.52"	9.31"	3.87"	11.25"																			49.49"	12"/9",9"/6.75"
	L	E	F	T		5	0	0		F	T																			B 2000
7.48"	4.3"	4.43"	3.8"	3.61"	9.5"	4.69"	5.15"	4.64"	9.69"	3.8"	3.42"	7.48"																	57.03"	9"

SHEET NO.
SDC20

SIGN DESIGN CALCULATIONS

PROJECT NAME: 1ST AVE SOUTH - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: NH 114-1(3)0
UPN: 10692000

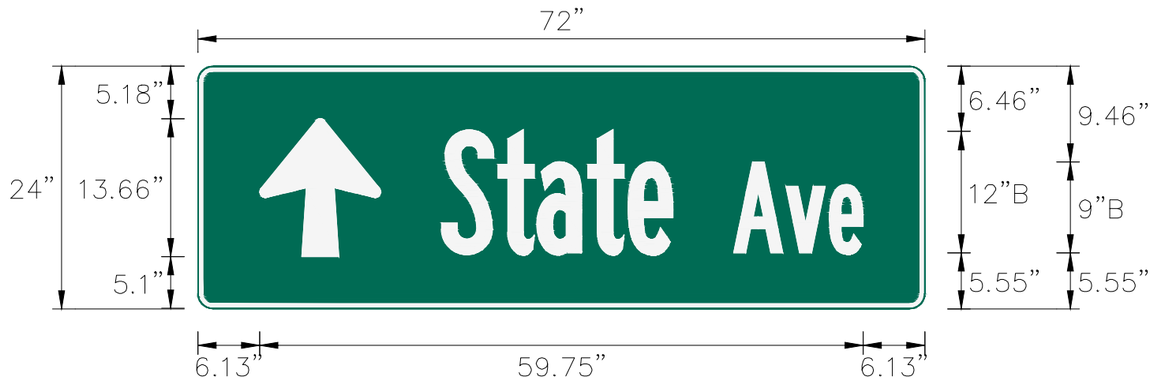
DESIGNED BY: MORRISON MAIERLE 03/2026
REVIEWED BY: FIRST INITIAL LAST NAME MM/YYYY
CHECKED BY: FIRST INITIAL LAST NAME MM/YYYY

MONTANA Department of Transportation

SIGNING PLANS

7/29/2026 11:12 AM
10692000SISDC201.DWG

Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	72" x 24"	12" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN	
CORNER RADIUS	1.5"	ALUMINUM TYPE SHEET	
MOUNTING	Overhead		
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT
AR_Type B		6.13"	5.16"	12"	13.66"

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

	S	t	a	t	e		A	v	e																					LENGTH	SERIES/SIZE
24.14"	5.58"	3.85"	5.03"	4.02"	4.44"	6"	5.17"	4.31"	3.33"	6.13"																				41.74"	B 2000 12"/9",9"/6.75"

SHEET NO.
SDC21

SIGN DESIGN CALCULATIONS

PROJECT NAME	1ST AVE SOUTH - BILLINGS
COUNTY	YELLOWSTONE
PROJECT ID	NH 114-1(3)0
UPN	10692000

DESIGNED BY		
MORRISON MAIERLE	03/2026	
REVIEWED BY		
FIRST INITIAL LAST NAME	MM/YYYY	
CHECKED BY		
FIRST INITIAL LAST NAME	MM/YYYY	

10692000SISDCZ01.DWG

MONTANA
Department of Transportation

SIGNING PLANS

7/29/2026 11:12 AM

Morrison Maierle



Panel Style: Street Name 6-3in.ssi
Dimensions are in inches hundredths

SIGN NUMBER	6in Bottom
WIDTH x HEIGHT	78" x 24" — 13" Sq.Ft.
BORDER WIDTH	0.5" — MARGIN
CORNER RADIUS	1.5" — ALUMINUM TYPE SHEET
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective; COLOR: Green
LEGEND/BORDER	TYPE: Reflective; COLOR: White/White

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT
AR_Type B	45"	2.38"	5.96"	12"	13.66"
AR_Type B	45"	64.5"	5.96"	12"	13.66"

LETTER POSITIONS (X)

REDUCTION: 10% 20% 30%☒

	1	s	t		A	v	e		S																						LENGTH	SERIES/SIZE
19.66"	3.7"	4.01"	3.6"	12"	5.17"	4.31"	3.52"	9.31"	3.87"	19.03"																					39.31"	B 2000 12"/9",9"/6.75"

SHEET NO.
SDC22

SIGN DESIGN CALCULATIONS

PROJECT NAME: 1ST AVE SOUTH - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: NH 114-1(3)0
UPN: 10692000

DESIGNED BY: MORRISON MAIERLE 03/2026
REVIEWED BY: FIRST INITIAL LAST NAME MM/YYYY
CHECKED BY: FIRST INITIAL LAST NAME MM/YYYY

MONTANA Department of Transportation

SIGNING PLANS

7/29/2026 11:12 AM

10692000SISDCZ01.DWG