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
4.93"	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.
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	STATE AVE - BILLINGS
COUNTY	YELLOWSTONE
PROJECT ID	UPP 1024(5)
UPN	10704000

7/29/2026 12:08 PM
10704000SISDC201.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% ☐

1	1	t	h		A	v	e		S																					LENGTH	SERIES/SIZE
3.61"	2.22"	1.92"	2.28"	2.16"	3"	2.66"	2.25"	1.8"	2.48"	2.02"	3.61"																			22.79"	B 2000 6"/4.5",4.5"/3.38"

SHEET NO.
SDC2

SIGN DESIGN CALCULATIONS

PROJECT NAME	STATE AVE - BILLINGS
COUNTY	YELLOWSTONE
PROJECT ID	UPP 1024(5)
UPN	10704000

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

MONTANA
Department of Transportation

SIGNING PLANS

7/29/2026 12:08 PM

10704000SISDC201.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%

	9	t	h		A	v	e		S																					LENGTH	SERIES/SIZE
4.24"	2.88"	2.28"	2.16"	3"	2.66"	2.25"	1.8"	2.48"	2.02"	4.24"																				21.53"	B 2000 6"/4.5",4.5"/3.38"

SHEET NO.
SDC3

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	STATE AVE - BILLINGS
COUNTY	YELLOWSTONE
PROJECT ID	UPP 1024(5)
UPN	10704000

7/29/2026 12:08 PM
10704000SISDC201.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% ☐

	M	o	n	r	o	e		S	t																					LENGTH	SERIES/SIZE
																															B 2000
3.45"	3.8"	2.92"	2.97"	1.94"	2.76"	2.22"	3"	2.14"	1.35"	3.45"																				23.1"	6"/4.5",4.5"/3.38"

SHEET NO.
SDC4

SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

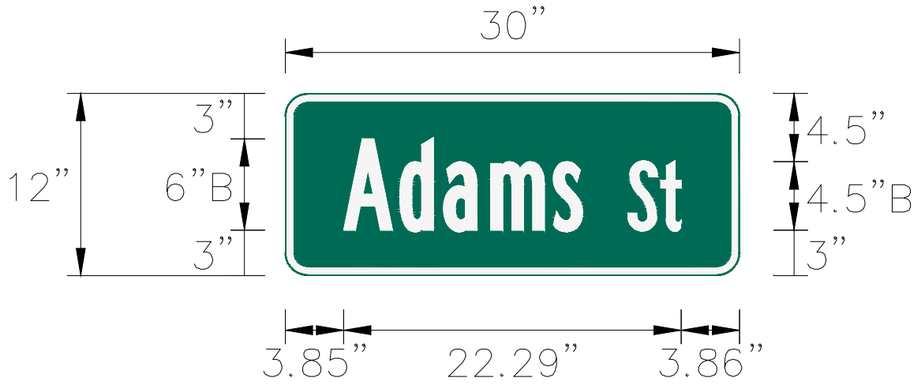
SIGNING PLANS

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

PROJECT NAME: STATE AVE - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: UPP 1024(5)
UPN: 10704000

7/29/2026 12:08 PM
10704000SISDC201.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%

	A	d	a	m	s		S	t			LENGTH	SERIES/SIZE
												B 2000
3.85"	3.72"	2.88"	3.12"	4.14"	1.92"	3"	2.16"	1.35"	3.86"		22.29"	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	STATE AVE - BILLINGS
COUNTY	YELLOWSTONE
PROJECT ID	UPP 1024(5)
UPN	10704000

7/29/2026 12:08 PM
10704000SISDCZ01.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% ☐

	S	u	g	a	r		A	v	e																					LENGTH	SERIES/SIZE
	3.23"	2.86"	2.81"	3.03"	1.56"	3"	2.63"	2.22"	1.67"	3.5"																					B 2000
3.49"																														23.01"	6"/4.5",4.5"/3.38"

SHEET NO.
SDC6

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	STATE AVE - BILLINGS
COUNTY	YELLOWSTONE
PROJECT ID	UPP 1024(5)
UPN	10704000

7/29/2026 12:08 PM
10704000SISDCZ01.DWG

Morrison Maierle



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

SIGN NUMBER	6in Bottom		
WIDTH x HEIGHT	36" x 12"	3" 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% ☐

	R	i	v	e	r	s	i	d	e		R	d																		LENGTH	SERIES/SIZE
3.86"	3.28"	1.32"	2.96"	2.81"	1.83"	2.46"	1.48"	2.92"	2.22"	3"	2.34"	1.67"	3.85"																	28.29"	B 2000 6"/4.5",4.5"/3.38"

SHEET NO.
SDC7

SIGN DESIGN CALCULATIONS

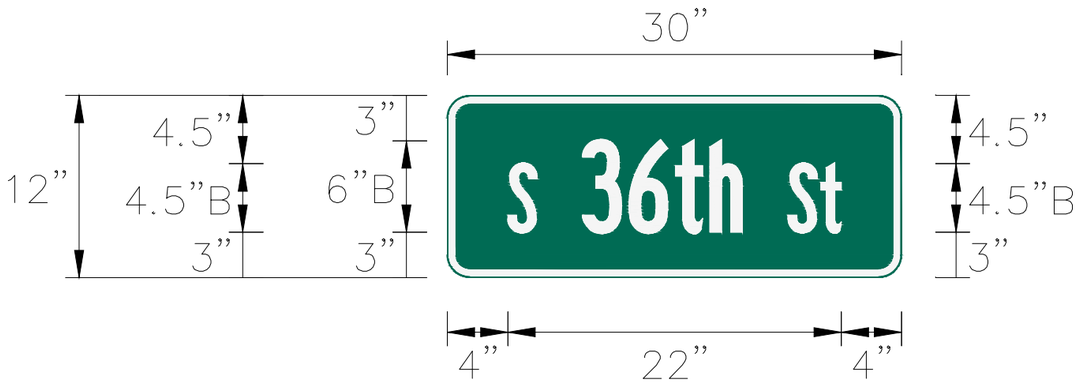
MONTANA
Department of Transportation

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	STATE AVE - BILLINGS
COUNTY	YELLOWSTONE
PROJECT ID	UPP 1024(5)
UPN	10704000

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10704000SISDC201.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	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.
SDC8

SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

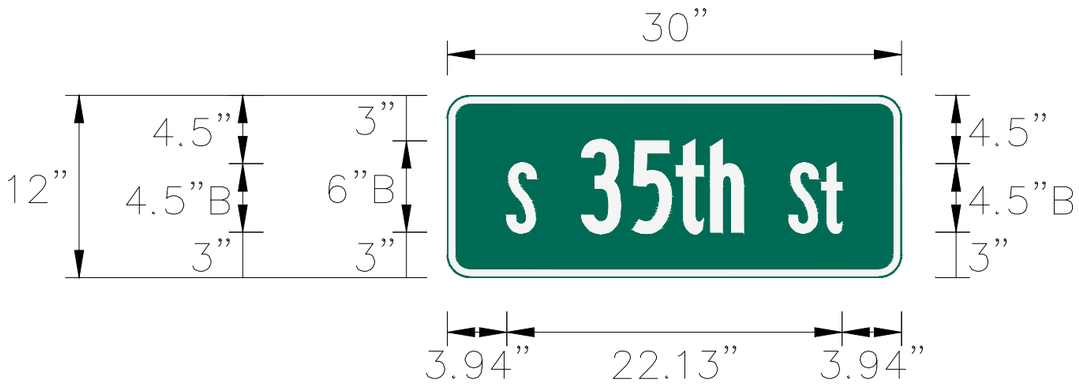
SIGNING PLANS

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

PROJECT NAME: STATE AVE - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: UPP 1024(5)
UPN: 10704000

10704000SISDC201.DWG
7/29/2026 12:08 PM

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"

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

PROJECT NAME: STATE AVE - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: UPP 1024(5)
UPN: 10704000

MONTANA
Department of Transportation

SIGNING PLANS

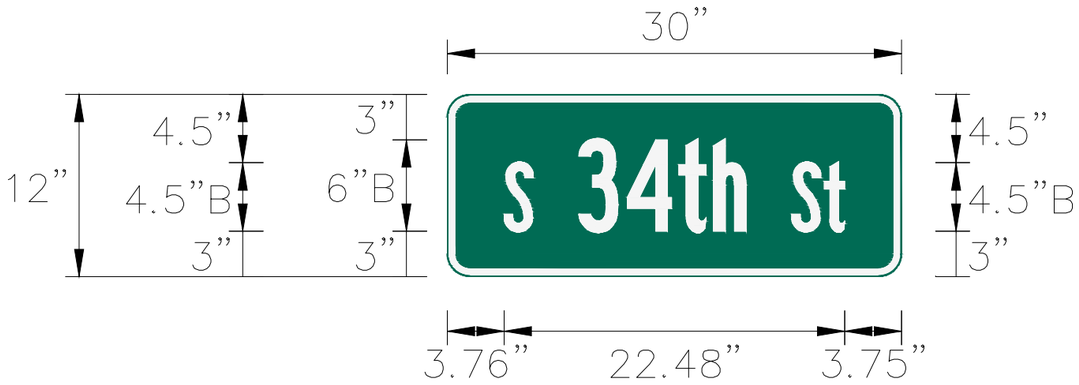
7/29/2026 12:08 PM

10704000SISDC201.DWG

SHEET NO.
SDC9

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	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.
SDC10

SIGN DESIGN CALCULATIONS

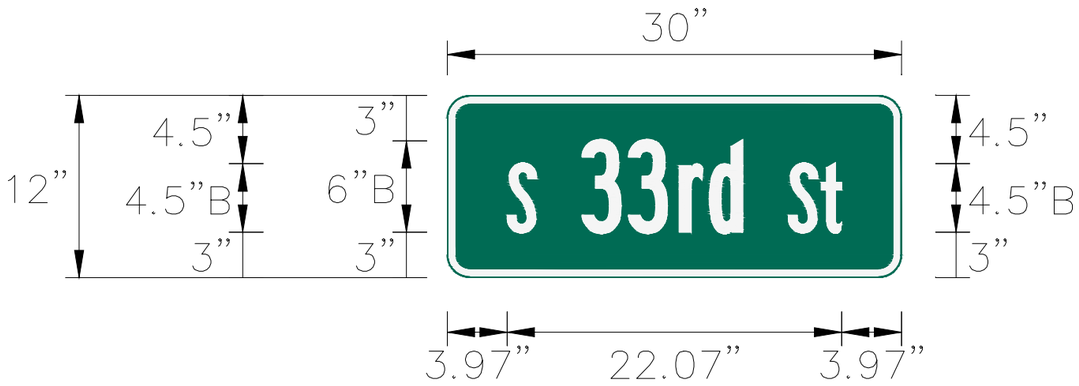
MONTANA
Department of Transportation

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	STATE AVE - BILLINGS
COUNTY	YELLOWSTONE
PROJECT ID	UPP 1024(5)
UPN	10704000

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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.
SDC11

SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

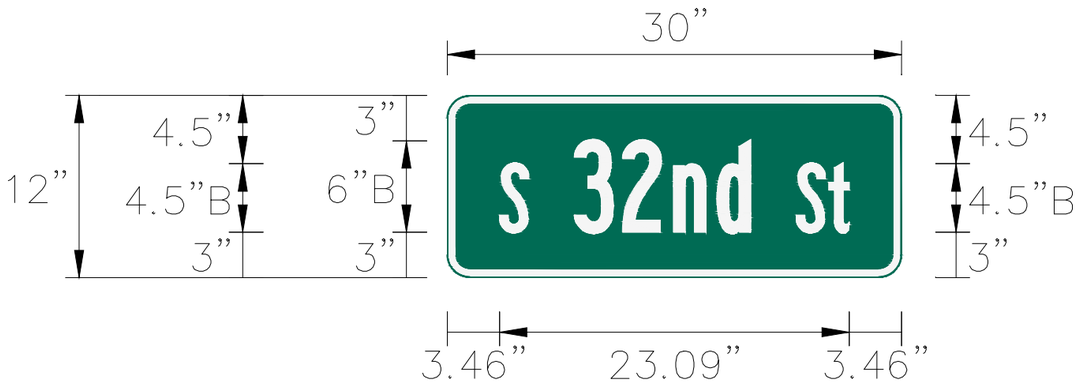
SIGNING PLANS

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

PROJECT NAME: STATE AVE - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: UPP 1024(5)
UPN: 10704000

10704000SISDCZ01.DWG
7/29/2026 12:08 PM

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	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.
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: STATE AVE - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: UPP 1024(5)
UPN: 10704000

10704000SISDC201.DWG
7/29/2026 12:08 PM

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
4.72"	1.94"	3"	3.18"	2.1"	2.04"	1.8"	3"	2.16"	1.35"	4.71"																				20.57"	B 2000 4.5",6"/4.5",4.5"/3.38"

SHEET NO.
SDC13

SIGN DESIGN CALCULATIONS

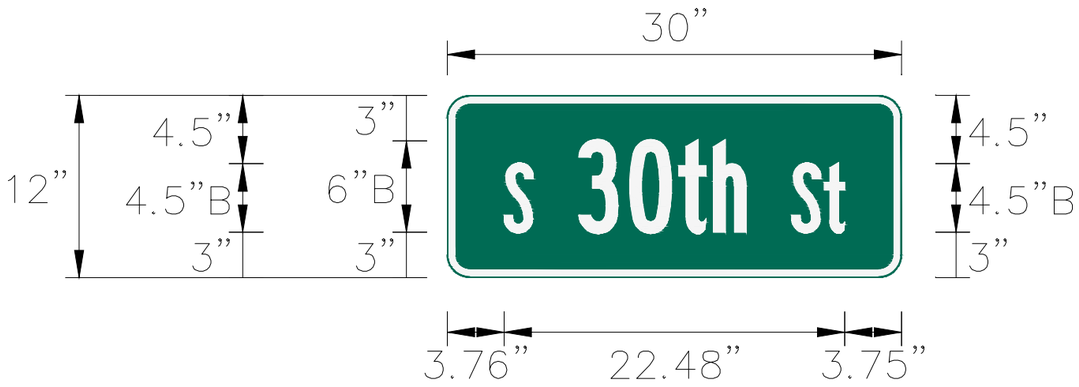
MONTANA
Department of Transportation

SIGNING PLANS

DESIGNED BY	MORRISON MAIERLE 03/2026
REVIEWED BY	FIRST INITIAL LAST NAME MMYYYY
CHECKED BY	FIRST INITIAL LAST NAME MMYYYY
PROJECT NAME	STATE AVE - BILLINGS
COUNTY	YELLOWSTONE
PROJECT ID	UPP 1024(5)
UPN	10704000

7/29/2026 12:08 PM
10704000SISDCZ01.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.
SDC14

SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

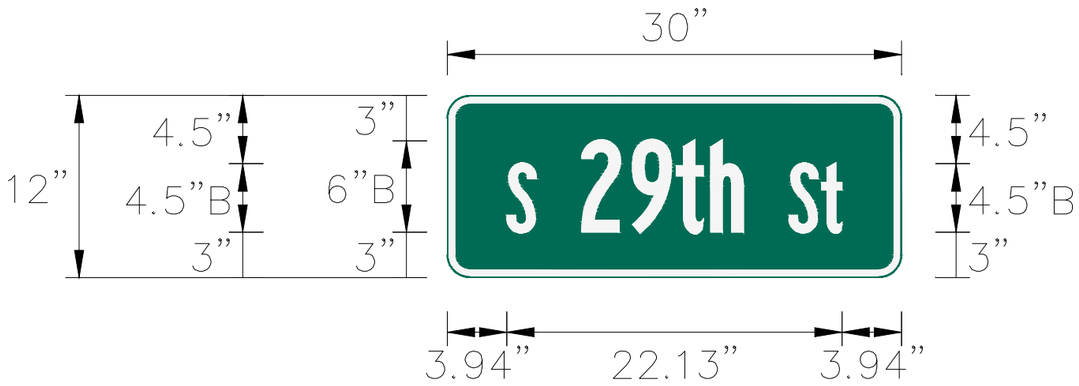
SIGNING PLANS

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

PROJECT NAME: STATE AVE - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: UPP 1024(5)
UPN: 10704000

7/29/2026 12:08 PM
10704000SISDC201.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		2	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"

MONTANA
Department of Transportation

SIGNING PLANS

7/29/2026 12:08 PM

DESIGNED BY	MORRISON MAIERLE 03/2026
REVIEWED BY	FIRST INITIAL LAST NAME MM/YYYY
CHECKED BY	FIRST INITIAL LAST NAME MM/YYYY
PROJECT NAME	STATE AVE - BILLINGS
COUNTY	YELLOWSTONE
PROJECT ID	UPP 1024(5)
UPN	10704000

10704000SISDC201.DWG

SHEET NO.
SDC15

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%

	S	t	a	t	e		A	v	e																					LENGTH	SERIES/SIZE
4.3"	2.88"	1.98"	2.64"	2.1"	2.22"	3"	2.66"	2.25"	1.67"	4.3"																				21.39"	B 2000 6"/4.5",4.5"/3.38"

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	STATE AVE - BILLINGS
COUNTY	YELLOWSTONE
PROJECT ID	UPP 1024(5)
UPN	10704000

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Morrison Maierle



Panel Style: guide_con_street name_2-line.ssi
Dimensions are in inches hundredths

SIGN NUMBER	D3-1
WIDTH x HEIGHT	48" x 30" — 10" Sq.Ft.
BORDER WIDTH	0.5" — MARGIN
CORNER RADIUS	1.5" — ALUMINUM TYPE SHEET
MOUNTING	Ground
BACKGROUND	TYPE: Reflective; COLOR: Green
LEGEND/BORDER	TYPE: Reflective; COLOR: White/White

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT
AR_Type B	90"	7.21"	19"	6"	6.83"
AR_Type B	270"	38.43"	5"	6"	6.83"

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

																														LENGTH	SERIES/SIZE
	3	r	d		A	v	e		S																						B 2000
18.24"	3.13"	1.85"	2.22"	4.2"	2.59"	2.16"	1.67"	2.8"	1.94"	7.21"																				22.54"	6"/4.5",4.5"/3.38"
	V	a	n		B	u	r	e	n		S	t																			B 2000
2.74"	3.07"	2.85"	2.16"	4.2"	3.08"	2.83"	1.85"	2.68"	2.16"	3.15"	2.09"	1.35"	13.77"																	31.49"	6"/4.5",4.5"/3.38"

SHEET NO.
SDC17

SIGN DESIGN CALCULATIONS

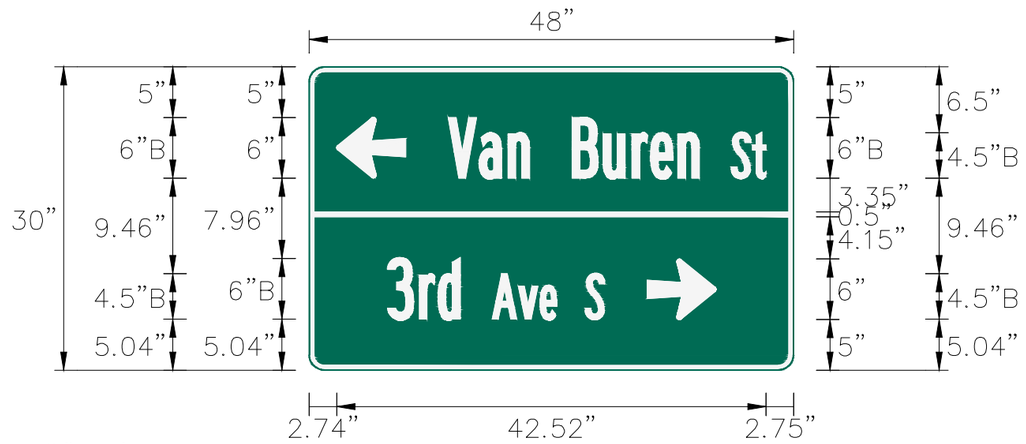
MONTANA
Department of Transportation

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	STATE AVE - BILLINGS
COUNTY	YELLOWSTONE
PROJECT ID	UPP 1024(5)
UPN	10704000

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Morrison Maierle



Panel Style: guide_con_street name_2-line.ssi
Dimensions are in inches hundredths

SIGN NUMBER	D3-1
WIDTH x HEIGHT	48" x 30" — 10" Sq.Ft.
BORDER WIDTH	0.5" — MARGIN
CORNER RADIUS	1.5" — ALUMINUM TYPE SHEET
MOUNTING	Ground
BACKGROUND	TYPE: Reflective; COLOR: Green
LEGEND/BORDER	TYPE: Reflective; COLOR: White/White

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT
AR_Type B	90"	2.74"	19"	6"	6.83"
AR_Type B	270"	33.48"	5"	6"	6.83"

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

																																LENGTH	SERIES/SIZE
	V	a	n		B	u	r	e	n		S	t																					B 2000
13.77"	3.07"	2.85"	2.16"	4.2"	3.08"	2.83"	1.85"	2.68"	2.16"	3.15"	2.09"	1.35"	2.75"																			31.49"	6"/4.5",4.5"/3.38"
	3	r	d		A	v	e		S																								B 2000
7.79"	3.13"	1.85"	2.22"	3.15"	2.59"	2.16"	1.67"	2.8"	1.94"	18.72'																						21.49"	6"/4.5",4.5"/3.38"

SHEET NO.
SDC18

SIGN DESIGN CALCULATIONS

PROJECT NAME: STATE AVE - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: UPP 1024(5)
UPN: 10704000

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

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Panel Style: guide_con_street name_2-line.ssi
Dimensions are in inches hundredths

SIGN NUMBER	D3-1
WIDTH x HEIGHT	48" x 30" — 10" 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
AR_Type B	90"	7.8"	19"	6"	6.83"
AR_Type B	270"	36.27"	5"	6"	6.83"

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

	5	t	h		A	v	e		S																					LENGTH	SERIES/SIZE
18.83"	2.79"	2.14"	2.16"	3.15"	2.59"	2.16"	1.67"	2.8"	1.94"	7.8"																				21.38"	B 2000 6"/4.5",4.5"/3.38"
	J	e	f	f	e	r	s	o	n		S	t																			
4.9"	3.31"	2.47"	1.59"	1.67"	2.68"	1.77"	2.21"	2.77"	2.16"	3.15"	2.09"	1.35"	15.87"																	27.23"	B 2000 6"/4.5",4.5"/3.38"

SHEET NO.
SDC19

SIGN DESIGN CALCULATIONS

PROJECT NAME: STATE AVE - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: UPP 1024(5)
UPN: 10704000

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

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MONTANA
Department of Transportation

SIGNING PLANS

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Panel Style: guide_con_street name_2-line.ssi
Dimensions are in inches hundredths

SIGN NUMBER	D3-1
WIDTH x HEIGHT	48" x 30" — 10" Sq.Ft.
BORDER WIDTH	0.5" — MARGIN
CORNER RADIUS	1.5" — ALUMINUM TYPE SHEET
MOUNTING	Ground
BACKGROUND	TYPE: Reflective; COLOR: Green
LEGEND/BORDER	TYPE: Reflective; COLOR: White/White

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT
AR_Type B	90"	5.07"	19"	6"	6.83"
AR_Type B	270"	33.18"	5"	6"	6.83"

LETTER POSITIONS (X)

REDUCTION: 10% 20% 30☒

	J	e	f	f	e	r	s	o	n		S	t																				LENGTH	SERIES/SIZE
15.7"	3.31"	2.47"	1.59"	1.67"	2.68"	1.77"	2.21"	2.77"	2.16"	3.15"	2.09"	1.35"	5.07"																			27.23"	B 2000 6"/4.5",4.5"/3.38"
	5	t	h		A	v	e		S																								B 2000
8"	2.79"	2.14"	2.16"	3.15"	2.59"	2.16"	1.67"	2.8"	1.94"	18.62'																						21.38"	6"/4.5",4.5"/3.38"

SHEET NO.
SDC20

SIGN DESIGN CALCULATIONS

PROJECT NAME: STATE AVE - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: UPP 1024(5)
UPN: 10704000

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

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Department of Transportation

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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	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.
SDC21

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	STATE AVE - BILLINGS
COUNTY	YELLOWSTONE
PROJECT ID	UPP 1024(5)
UPN	10704000

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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	
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% ☒

	W	a	s	h	i	n	g	t	o	n		S	t																	LENGTH	SERIES/SIZE
3.94"	8.18"	5.28"	4.68"	5.58"	2.9"	5.33"	5.11"	4.02"	5.53"	4.32"	6.3"	4.19"	2.7"	3.94"																64.13"	B 2000 12"/9",9"/6.75"

SHEET NO.
SDC22

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	STATE AVE - BILLINGS
COUNTY	YELLOWSTONE
PROJECT ID	UPP 1024(5)
UPN	10704000

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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	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% — LENGTH — SERIES/SIZE

																																	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.
SDC23

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	STATE AVE - BILLINGS
COUNTY	YELLOWSTONE
PROJECT ID	UPP 1024(5)
UPN	10704000

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10704000SISDC201.DWG

Morrison Maierle



Panel Style: guide_con_street name_2-line.ssi
Dimensions are in inches hundredths

SIGN NUMBER	D3-1		
WIDTH x HEIGHT	90" x 48"	30" 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
AR_Type B	90"	12.11"	29.41"	12"	13.66"
AR_Type B	270"	71"	6.65"	12"	13.66"

LETTER POSITIONS (X)

REDUCTION: 10% 20% 30% (X)

																														LENGTH	SERIES/SIZE
	2	n	d		A	v	e		S																						
34.16"	6.25"	5.33"	4.44"	6.3"	5.17"	4.31"	3.33"	4.73"	3.87"	12.11"																				43.73"	B 2000 12"/9",9"/6.75"
	H	a	l	l	o	w	e	l	l		L	n																			
5.34"	6.84"	6.24"	3.48"	3.12"	5.28"	7.56"	5.76"	3.48"	1.56"	6.3"	4.41"	3.24"	27.39"																	57.27"	B 2000 12"/9",9"/6.75"

SHEET NO.
SDC24

SIGN DESIGN CALCULATIONS

PROJECT NAME: STATE AVE - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: UPP 1024(5)
UPN: 10704000

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

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MONTANA
Department of Transportation

SIGNING PLANS

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Morrison Maierle



Panel Style: guide_con_street name_2-line.ssi
Dimensions are in inches hundredths

SIGN NUMBER	D3-1	
WIDTH x HEIGHT	90" x 48"	30" 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
AR_Type B	90"	7.27"	29.41"	12"	13.66"
AR_Type B	270"	64.15"	6.65"	12"	13.66"

LETTER POSITIONS (X)

REDUCTION: 10% 20% 30%

																														LENGTH	SERIES/SIZE
	H	a	l	l	o	w	e	l	l		L	n																			B 2000
29.33"	6.34"	5.7"	2.9"	2.65"	5.03"	7.31"	5.36"	2.9"	1.56"	6.3"	4.11"	3.24"	7.27"																	53.41"	12"/9",9"/6.75"
	2	n	d		A	v	e		S																						B 2000
12.02"	6.25"	5.33"	4.44"	6.3"	5.17"	4.31"	3.33"	4.73"	3.87"	34.25'																				43.73"	12"/9",9"/6.75"

SHEET NO.
SDC25

SIGN DESIGN CALCULATIONS

PROJECT NAME: STATE AVE - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: UPP 1024(5)
UPN: 10704000

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

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Morrison Maierle



Panel Style: guide_con_street name_2-line.ssi
Dimensions are in inches hundredths

SIGN NUMBER	D3-1		
WIDTH x HEIGHT	78" x 48"	26" 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
AR_Type B	90"	6.54"	29.41"	12"	13.66"
AR_Type B	270"	61.76"	6.65"	12"	13.66"

LETTER POSITIONS (X)

REDUCTION: 10% ☐ 20% ☐ 30% ☒

	4	t	h		A	v	e		S																					LENGTH	SERIES/SIZE
28.6"	6.55"	4.27"	4.32"	6.3"	5.17"	4.31"	3.33"	4.73"	3.87"	6.54"																				42.86"	B 2000 12"/9",9"/6.75"
	J	a	c	k	s	o	n		S	T																					B 2000
2.59"	6.46"	5.45"	5.28"	5.22"	4.43"	5.53"	4.32"	6.3"	4.37"	3.42"	24.64'																			50.78"	12"/9"

PROJECT NAME	STATE AVE - BILLINGS
COUNTY	YELLOWSTONE
PROJECT ID	UPP 1024(5)
UPN	10704000
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

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SHEET NO. SDC26

SIGN DESIGN CALCULATIONS

Morrison Maierle



Panel Style: guide_con_street name_2-line.ssi
Dimensions are in inches hundredths

SIGN NUMBER	D3-1	
WIDTH x HEIGHT	78" x 48"	26" 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
AR_Type B	90"	2.58"	29.41"	12"	13.66"
AR_Type B	270"	57.8"	6.65"	12"	13.66"

LETTER POSITIONS (X)

REDUCTION: 10% 20% 30☒

	J	a	c	k	s	o	n		S	T																					LENGTH	SERIES/SIZE
24.64"	6.46"	5.45"	5.28"	5.22"	4.43"	5.53"	4.32"	6.3"	4.37"	3.42"	2.59"																				50.78"	B 2000 12"/9"
	4	t	h		A	v	e		S																							B 2000
6.54"	6.55"	4.27"	4.32"	6.3"	5.17"	4.31"	3.33"	4.73"	3.87"	28.6"																					42.86"	12"/9",9"/6.75"

SHEET NO.
SDC27

SIGN DESIGN CALCULATIONS

PROJECT NAME: STATE AVE - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: UPP 1024(5)
UPN: 10704000

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

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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	
MOUNTING	Overhead	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT
AR_Type B	90"	3.95"	6.46"	12"	13.66"

LETTER POSITIONS (X)

REDUCTION: 10% ☐ 20% ☐ 30% ☒

	S	t	a	t	e		A	v	e																						LENGTH	SERIES/SIZE
26.01"	5.58"	3.85"	5.03"	4.02"	4.44"	6.3"	5.17"	4.31"	3.33"	3.96"																					42.04"	B 2000 12"/9",9"/6.75"

SHEET NO.
SDC28

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: STATE AVE - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: UPP 1024(5)
UPN: 10704000

7/29/2026 12:09 PM
10704000SISDC201.DWG

Morrison Maierle



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

SIGN NUMBER	6in Bottom	
WIDTH x HEIGHT	84" x 24"	14" 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
AR_Type B	90"	3.96"	6.46"	12"	13.66"

LETTER POSITIONS (X)

REDUCTION: 10% ☐ 20% ☐ 30% ☒

	B	e	l	k	n	a	p		A	v	e																			LENGTH	SERIES/SIZE
26.02"	6"	5.36"	2.9"	5.64"	5.16"	5.7"	4.44"	6"	5.17"	4.31"	3.33"	3.96"																		54.02"	B 2000 12"/9",9"/6.75"

SHEET NO.
SDC29

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: STATE AVE - BILLINGS
COUNTY: YELLOWSTONE
PROJECT ID: UPP 1024(5)
UPN: 10704000

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