



**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.

A diagram of a rectangular street sign with a white border. The sign is white with black text. The text reads "57th St N". The dimensions are indicated by arrows and labels: the overall width is 66", the overall height is 24", the top margin is 6", the bottom margin is 6", the left margin is 12", and the right margin is 9".

66"

24"

6"

12"

6"

9"

9"

6"

57th St N

65.99'

52.89'

[illegible]

SDC 1

## SIGN DESIGN CALCULATIONS

[illegible]

PROJECT NAME  
**57TH STREET-GREAT FALLS**  
COUNTY

**CASCADE**

**NH 102-1(10)7**

**10241000**

|             |            |         |
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| DESIGNED BY | H HOELSTAD | 05/2026 |
| DESIGNED BY |            |         |

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| REVIEWED BY | DATE |
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| CHECKED BY |         |
| N STYREN   | 05/2026 |

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**MONTANA**  
Department of Transportation

## **SIGNING PLANS**

6/18/2026 1:17 PM

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

[illegible]

**SHEET NO.**

SDC 2

## SIGN DESIGN CALCULATIONS

[illegible]

PROJECT NAME  
**57TH STREET-GREAT FALLS**

COUNTY

**CASCADE**

**NH 102-1(10)7**

**10241000**

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|-------------|---------|
| DESIGNED BY |         |
| H HOELSTAD  | 05/2026 |
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| N STYREN   | 05/2026 |

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Department of Transportation

## SIGNING PLANS

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Diagram illustrating the dimensions of a green rectangular street sign with rounded corners. The sign features the text "3rd Ave S" in white.

Overall dimensions: 48" (width) x 12" (height).

Text dimensions: "3rd" is 8" high, "Ave" is 6" high, and "S" is 4" high. The sign has a 2" border.

Mounting dimensions: 7.12" from the left and right edges to the centerline, and 33.76" between the mounting points.

[illegible]

## SIGN DESIGN CALCULATIONS

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Diagram of a green rectangular street sign with rounded corners. The sign features the text "7th Ave S" in white. Dimensions are provided: overall width is 48 inches, overall height is 12 inches. The sign has a 2-inch border. The text "7th" is 8 inches high, "Ave" is 6 inches high, and "S" is 4 inches high. The sign is 7.14 inches wide on each side of the text.

[illegible]

## SIGN DESIGN CALCULATIONS

[illegible]

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Diagram illustrating the dimensions of a green rectangular street sign with white text. The sign features the text "8th Ave S".

Dimensions shown:

- Overall width: 48"
- Overall height: 12"
- Text height: 8"
- Mounting hole spacing (from edge): 7.2"
- Sign height segments: 2" (top), 8" (text), 2" (bottom)
- Sign width segments: 7.2" (left), 33.6" (text area), 7.2" (right)

[illegible]

## SIGN DESIGN CALCULATIONS

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Diagram of a green rectangular street sign with white text "9th Ave S". The sign has a double border. Dimensions are provided: overall width is 48 inches, overall height is 12 inches. The text is centered. The distance from the left edge to the start of the text is 7.2 inches, and the distance from the end of the text to the right edge is 7.2 inches. The text "9th" is 8 inches high, and "Ave S" is 6 inches high. The sign is 2 inches from the top and bottom edges.

[illegible]

## SIGN DESIGN CALCULATIONS

|                                                                                                                                                                      |               |                       |                          |               |                                                         |
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| <div><div><div>MONTANA</div><div>Department of Transportation</div></div></div> | SIGNING PLANS |                       | DESIGNED BY              |               | PROJECT NAME<br><br>COUNTY<br><br>PROJECT ID<br><br>UPN |
|                                                                                                                                                                      |               |                       | H HOELSTADT      05/2026 |               |                                                         |
|                                                                                                                                                                      | REVIEWED BY   |                       | CASCADE                  |               |                                                         |
|                                                                                                                                                                      |               |                       |                          |               |                                                         |
|                                                                                                                                                                      |               | CHECKED BY            |                          | NH 102-1(10)7 |                                                         |
|                                                                                                                                                                      |               | N STYREN      05/2026 |                          |               |                                                         |
| 6/18/2026 1:17 PM                                                                                                                                                    |               | 10241000\SIDCC001.DWG |                          | 10241000      |                                                         |

Diagram of a green rectangular street sign with white text "57th St S". The sign has a white border and is surrounded by dimension lines. The overall width is 48 inches and the overall height is 12 inches. The text "57th" is on the left, "St" is in the middle, and "S" is on the right. The dimensions are: 48 inches total width, 12 inches total height, 7.45 inches for the left margin, 33.1 inches for the text area, and 7.45 inches for the right margin. The text is in a white, sans-serif font.

[illegible]

## SIGN DESIGN CALCULATIONS

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| <div><div><div>MONTANA</div><div>Department of Transportation</div></div></div> | SIGNING PLANS |                       | DESIGNED BY             |  | PROJECT NAME<br><br>COUNTY<br><br>PROJECT ID<br><br>UPN |
|                                                                                                                                                                      |               |                       | H HOELSTAD      05/2026 |  |                                                         |
|                                                                                                                                                                      | REVIEWED BY   |                       | CASCAD                  |  |                                                         |
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| CHECKED BY                                                                                                                                                           |               | NH 102-1(10)7         |                         |  |                                                         |
| N STYREN      05/2026                                                                                                                                                |               |                       | 10241000                |  |                                                         |
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Technical drawing of a street name sign for "10th Ave S". The sign is rectangular with rounded corners, green with white text. Dimensions are provided: overall width 66 inches, overall height 24 inches. Text dimensions: "10th" is 12 inches high, "Ave S" is 9 inches high. Spacing dimensions: 6.04 inches between "10th" and "Ave", and 6.04 inches between "Ave" and "S". The sign is labeled "Sheet Name 6-3in.ssi".

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

**SHEET NO.**

SDC 9

## SIGN DESIGN CALCULATIONS

311H STREET-GREAT FALLS

# CASCADE

**NH 102-1(10)7**

**10241000**

COUNTY

**PROJECT**

UPN

1

|             |         |
|-------------|---------|
| H HOELSTAD  | 05/2026 |
| REVIEWED BY |         |

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| N STYREN | CHECKED BY | 05/2026 |
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**MONTANA**  
Department of Transportation

## **SIGNING PLANS**

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6/18/2026 1:17 PM

Panel Style: guide\_exp\_advance\_minor.ssi  
Dimensions are in inches hundredths

**SHEET NO.**

DC 13

## SIGN DESIGN CALCULATIONS

311H STREET-GREAT FALLS

## **CASCADE**

**10241000**

COUNTY

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PROJECT ID

1

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| H HOELSTAD | 05/2026 |
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**MONTANA**  
Department of Transportation

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