c:\dgn\SignPlotTmp.dgn

SHEET 1

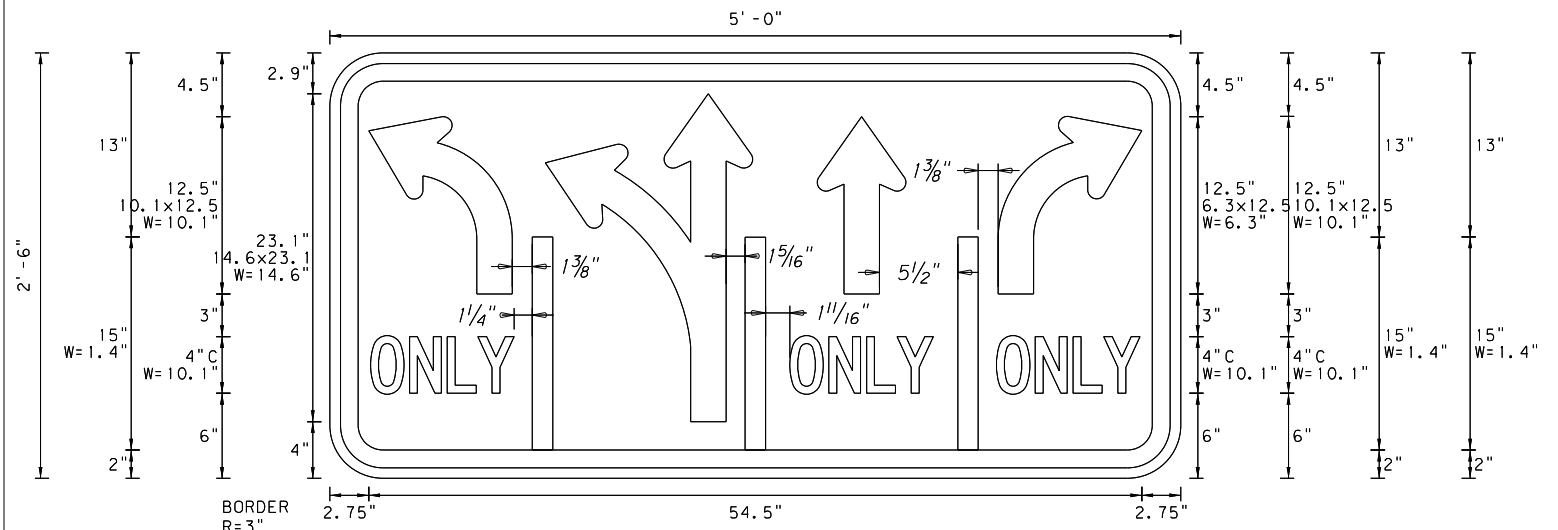
8:08:03 AM
4/25/2018
u4044

MONTANA MDT DEPARTMENT OF TRANSPORTATION

# SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____




Panel Style: 2 Reg_Wht-Blk 48.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION
10% 20% 30%

Panel Style: 2 Reg_Wht-Blk 48.ssi
Dimensions are in inches.tenths

SIGN NAME: R3-8e

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1:8

| | | | |
|---|---|---|---|
| DESIGNED: | RDS | DATE: | 04/2018 |
| CHECKED: | JHC | DATE: | 04/2018 |

| | |
|---|---|
| SIGN NUMBER | R3-8a |
| WIDTH x HGHT. | 5'-0" x 2'-6" |
| MARGIN | 0.75" |
| BORDER WIDTH | 1.25" |
| CORNER RADIUS | 3" |
| SQ. FEET | 12.5 Sq.Ft. |
| MOUNTING | Overhead |
| TYPE: BACKGROUND | Reflective X1 |
| COLOR: | White |
| TYPE: LEGEND/BORDER | Reflective |
| COLOR: | Black/Black |

**Stations:**

none

| SYMBOL | ROT | X | Y | WID | HT |
|---|---|---|---|---|---|
| R3.8_10.125x10.75_LtA | 0 | 2.7 | 13 | 10.1 | 12.5 |
| R3_Str | 0 | 34.4 | 13 | 6.3 | 12.5 |
| R3.8_10.125x10.75_RtA | 0 | 47.1 | 13 | 10.1 | 12.5 |
| R3.8_14.625x23.125_CAL | 0 | 15.2 | 4 | 14.6 | 23.1 |
| | | | | | |
| | | | | | |
| | | | | | |

| LETTER POSITIONS (X) | | | | | | | | | | | | | | | | | | | | | LENGTH | SERIES SIZE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | O | N | L | Y | | | | | | | | | | | | | | | | | 10.1 | C 2000 4 |
| 2.9 | 2.7 | 2.7 | 2.2 | 2.6 | 47 | | | | | | | | | | | | | | | | | |
| | O | N | L | Y | | | | | | | | | | | | | | | | | 10.1 | C 2000 4 |
| 32.4 | 2.7 | 2.7 | 2.2 | 2.6 | 17.4 | | | | | | | | | | | | | | | | | |
| | O | N | L | Y | | | | | | | | | | | | | | | | | 10.1 | C 2000 4 |
| 47 | 2.7 | 2.7 | 2.2 | 2.6 | 2.9 | | | | | | | | | | | | | | | | | |

c:\dgn\SignPlotTmp.dgn

SHEET 2

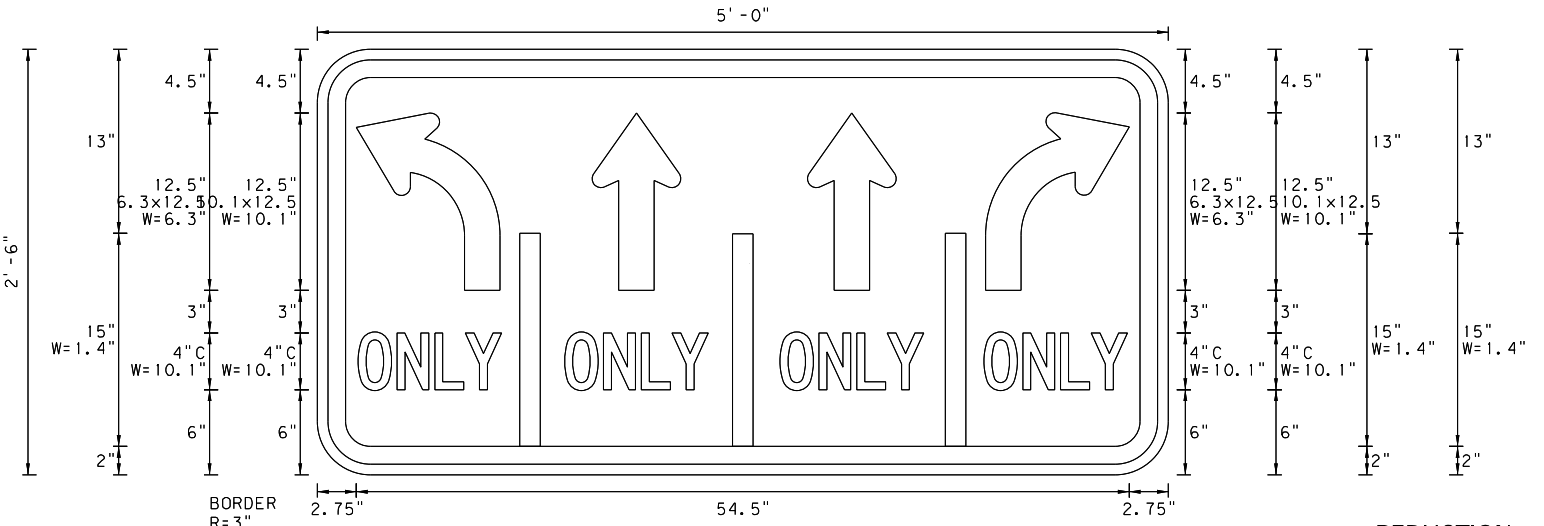
8:08:04 AM
4/25/2018
u4044

MONTANA
MDT
DEPARTMENT OF TRANSPORTATION

# SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____




Panel Style: 2 Reg_Wht-Blk 48.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION
10% 20% 30%
☐ ☐ ☐

Panel Style: 2 Reg_Wht-Blk 48.ssi
Dimensions are in inches.tenths

SIGN NAME: R3-8d

SHT ALUM ☒
ALUM INCR ☐

SIGN DETAIL
1:8

| | |
|---|---|
| SIGN NUMBER | R3-8a |
| WIDTH x HGHT. | 5'-0" x 2'-6" |
| MARGIN | 0.75" |
| BORDER WIDTH | 1.25" |
| CORNER RADIUS | 3" |
| SQ. FEET | 12.5 Sq.Ft. |
| MOUNTING | Overhead |
| TYPE: BACKGROUND | Reflective X1 |
| COLOR: | White |
| TYPE: LEGEND/BORDER | Reflective |
| COLOR: | Black/Black |

**Stations:**

none

| DESIGNED: | RDS | DATE: | 04/2018 |
|---|---|---|---|
| CHECKED: | JHC | DATE: | 04/2018 |

| SYMBOL | ROT | X | Y | WID | HT |
|---|---|---|---|---|---|
| R3.8_10.125x10.75_L+A | 0 | 2.7 | 13 | 10.1 | 12.5 |
| R3_Str | 0 | 19.4 | 13 | 6.3 | 12.5 |
| R3_Str | 0 | 34.6 | 13 | 6.3 | 12.5 |
| R3.8_10.125x10.75_R+A | 0 | 47.1 | 13 | 10.1 | 12.5 |
| | | | | | |
| | | | | | |
| | | | | | |

| LETTER POSITIONS (X) | | | | | | | | | | | | | | | | | | | | | LENGTH | SERIES SIZE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | O | N | L | Y | | | | | | | | | | | | | | | | | 10.1 | C 2000 4 |
| 2.9 | 2.7 | 2.7 | 2.2 | 2.6 | 47 | | | | | | | | | | | | | | | | | |
| | O | N | L | Y | | | | | | | | | | | | | | | | | 10.1 | C 2000 4 |
| 17.4 | 2.7 | 2.7 | 2.2 | 2.6 | 32.4 | | | | | | | | | | | | | | | | | |
| | O | N | L | Y | | | | | | | | | | | | | | | | | 10.1 | C 2000 4 |
| 32.6 | 2.7 | 2.7 | 2.2 | 2.6 | 17.3 | | | | | | | | | | | | | | | | | |
| | O | N | L | Y | | | | | | | | | | | | | | | | | 10.1 | C 2000 4 |
| 47 | 2.7 | 2.7 | 2.2 | 2.6 | 2.9 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | |

c: \ dgn\ SignPlotTmp. dgn

SHEET 3

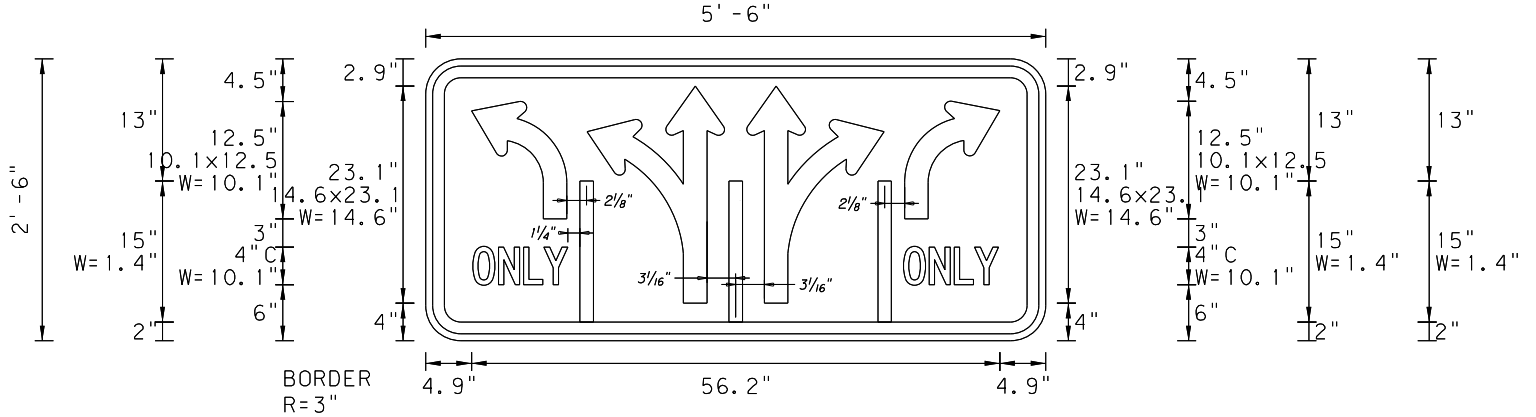
8: 08: 05 AM
4/25/2018
u4044

MONTANA
MDT
DEPARTMENT OF TRANSPORTATION

# SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____




BORDER
R=3"
TH=1.25"
IN=0.75"

PanelStyle: 2 Reg_Wht-Blk 48.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION
10% ☐ 20% ☐ 30% ☐

PanelStyle: 2 Reg_Wht-Blk 48.ssi
Dimensions are in inches.tenths

SIGN NAME: R3-8d

SHT ALUM ☒
ALUM INCR ☐

SIGN DETAIL
1:8

| | |
|---|---|
| SIGN NUMBER | R3-8a |
| WIDTH x HGHT. | 5'-6" x 2'-6" |
| MARGIN | 0.75" |
| BORDER WIDTH | 1.25" |
| CORNER RADIUS | 3" |
| SQ. FEET | 13.8 Sq.Ft. |
| MOUNTING | Overhead |
| TYPE: BACKGROUND | Reflective X1 |
| COLOR: | White |
| TYPE: LEGEND/BORDER | Reflective |
| COLOR: | Black/Black |

**Stations:**

none

| DESIGNED: | RDS | DATE: | 04/2018 |
|---|---|---|---|
| CHECKED: | JHC | DATE: | 04/2018 |

| SYMBOL | ROT | X | Y | WID | HT |
|---|---|---|---|---|---|
| R3.8_10.125x10.75_LtA | 0 | 4.9 | 13 | 10.1 | 12.5 |
| R3.8_10.125x10.75_RtA | 0 | 51 | 13 | 10.1 | 12.5 |
| R3.8_14.625x23.125_CALt | 0 | 17.2 | 4 | 14.6 | 23.1 |
| R3.8_14.625x23.125_CARt | 0 | 34.2 | 4 | 14.6 | 23.1 |
| | | | | | |
| | | | | | |
| | | | | | |

| LETTER POSITIONS (X) | | | | | | | | | | | | | | | | | | | | | LENGTH | SERIES SIZE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | O | N | L | Y | | | | | | | | | | | | | | | | | 10.1 | C 2000 4 |
| 5 | 2.7 | 2.7 | 2.2 | 2.6 | 50.9 | | | | | | | | | | | | | | | | | |
| | O | N | L | Y | | | | | | | | | | | | | | | | | 10.1 | C 2000 4 |
| 50.9 | 2.7 | 2.7 | 2.2 | 2.6 | 5 | | | | | | | | | | | | | | | | | |