C:\dgn\SpeedLimitSISDC001.DGN

SHEET 1

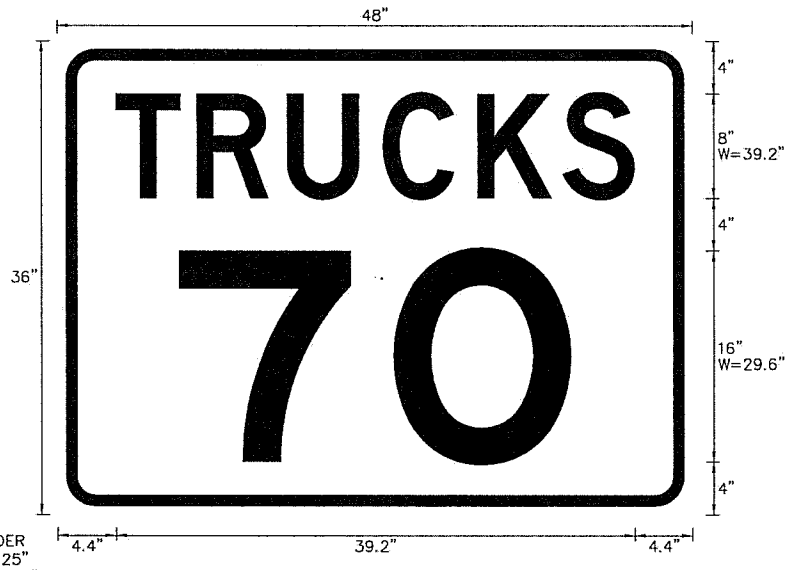
9:00:07 AM
9/10/2019
u1376

MONTANA
MDT
DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



Panel Style: 2 Reg_Wht-Blk 36.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION
10% ☐ 20% ☐ 30% ☐

Panel Style: 2 Reg_Wht-Blk 36.ssi
Dimensions are in inches. tenths

SIGN NAME: R2-2

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1:8

SIGN NUMBER	name
WIDTH x HGHT.	4'-0" x 3'-0"
MARGIN	0.63"
BORDER WIDTH	0.88"
CORNER RADIUS	2.25"
SQ. FEET	12.0 Sq.Ft.
MOUNTING	Ground
TYPE: BACKGROUND COLOR:	Reflective Type XI White
TYPE: LEGEND/BORDER COLOR:	Non-Reflective Black

DESIGNED:	NMS	DATE:	09/2019
CHECKED:	SR	DATE:	9/19

Stations:

none

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

																					LENGTH	SERIES SIZE
	T	R	U	C	K	S															39.2	D 2000 8
4.4	6.2	6.8	7.2	7.2	6.4	5.4	4.4															
	7	0																			29.6	E 2000 16
9.2	16.2	13.4	9.2																			

SIGN DESIGN CALCULATIONS

MONTANA DEPARTMENT OF TRANSPORTATION

PROJ. NO. _____

PROJ. TITLE _____



ALL DIMENSIONS ARE IN INCHES UNLESS SPECIFIED OTHERWISE

DECREASE THE SPACE WIDTH FOR THE 'TRUCKS' LEGEND BY 32%

LINE 1			LINE 2			LINE 3			LINE 4			SPEC'S
LEGEND	LETTER		LEGEND	LETTER		LEGEND	LETTER		LEGEND	LETTER		SIGN NO.
	WIDTH	HEIGHT		WIDTH	HEIGHT		WIDTH	HEIGHT		WIDTH	HEIGHT	R2-2a
T	5.90	8.00	6	16.86	16.00							STA.
R	6.66	8.00	5	12.76	16.00							
U	6.66	8.00										PANEL MAT'L
C	6.40	8.00										SHT ALUM
K	6.52	8.00										WIDTH
S	5.38	8.00										48.00
												HEIGHT
												36.00
												AREA
												12.0 SQ FT
												MARGIN
												0.75
												BORDER
												1.25
												CORNER R
												3.00
												LEGEND ☐ REFL TYPE I ☐ REFL TYPE III COLOR BLACK
												BACKGROUND ☐ REFL TYPE I ☒ REFL TYPE III COLOR WHITE
TOTAL TEMP.	37.52		TOTAL TEMP.	29.62		TOTAL TEMP.			TOTAL TEMP.			LETTER SERIES SEE ABOVE
LEFT EDGE	5.24		LEFT EDGE	9.19		LEFT EDGE			LEFT EDGE			ARROW SIZE NONE
RIGHT EDGE	5.24		RIGHT EDGE	9.19		RIGHT EDGE			RIGHT EDGE			DESIGNED: DATE:
SIGN WIDTH	48.00		SIGN WIDTH	48.00		SIGN WIDTH			SIGN WIDTH			CHECKED: DATE:

C:\DGN\M1-5SISDC001.DGN

SHEET 5

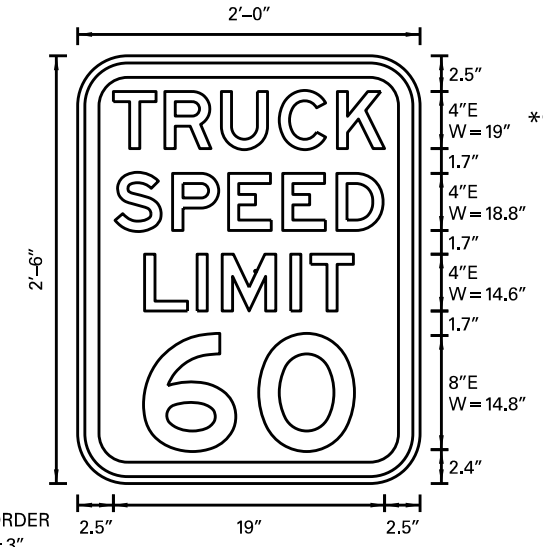
7:57:47 AM
12/11/2015
u4044

MONTANA MDT DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. VALIER - East
PROJ. TITLE STPP 44-1(18)14
CN#8751000

2 LANE
PRIMARY
SECONDARY



*10% REDUCED SPACING

Stations:
none

BORDER
R=3"
TH=1"
IN=0.5"

Panel Style: 1 Wht-PS_1-6 2-6.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION
10% ☐ 20% ☐ 30% ☐

Panel Style: 1 Wht-PS_1-6 2-6.ssi
Dimensions are in inches. tenths

SIGN NAME: R2-6

SHT ALUM ☒
ALUM INCR ☐

SIGN DETAIL
1:8

SIGN NUMBER	R2-6
WIDTH x HGHT.	2'-0" x 2'-6"
MARGIN	0.5"
BORDER WIDTH	1"
CORNER RADIUS	3"
SQ. FEET	5.0 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective
BACKGROUND COLOR:	White
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

DESIGNED: RDS	DATE: 12/2015
CHECKED:	DATE:

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

																					LENGTH	SERIES SIZE
	T	R	U	C	K																19	E 2000 4
2.5	3.6	4	4.1	4.1	3.3	2.5																
	S	P	E	E	D																18.8	E 2000 4
2.6	4	3.9	3.8	3.8	3.2	2.6																
	L	I	M	I	T																14.6	E 2000 4
4.7	3.7	1.8	4.8	1.4	3	4.7																
	6	0																			14.8	E 2000 8
4.6	8.1	6.7	4.6																			

C:\dgn\SpeedLimitSISDC001.DGN

SHEET 3

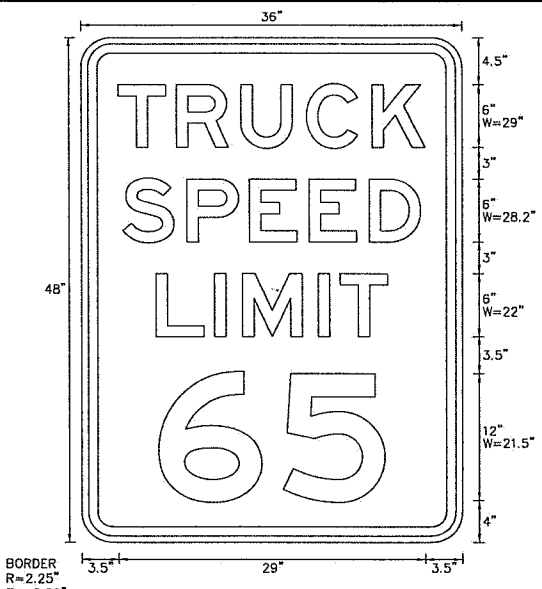
13:43:21
09/09/19
u1376

MONTANA MDT DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



BORDER R=2.25" TH=0.88" IN=0.63"

Panel Style: 3z Regulatory_36x48.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION
10% ☐ 20% ☐ 30% ☐

Panel Style: 3z Regulatory_36x48.ssi
Dimensions are in inches. tenths

SIGN NAME: R2-6

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1:8

SIGN NUMBER	name
WIDTH x HGHT.	3'-0" x 4'-0"
MARGIN	0.63"
BORDER WIDTH	0.88"
CORNER RADIUS	2.25"
SQ. FEET	12.0 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective Type XI
BACKGROUND COLOR:	White
LEGEND/BORDER TYPE:	Non-reflective
LEGEND/BORDER COLOR:	Black

Stations:

none

DESIGNED: NMS	DATE: 09/2019
CHECKED: [illegible]	DATE: 9/19

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

																					LENGTH	SERIES SIZE
	T	R	U	C	K																29	E 2000 6
3.5	5.5	6.1	6.2	6.2	5	3.5																
	S	P	E	E	D																28.2	E 2000 6
3.9	6.1	5.9	5.7	5.7	4.9	3.9																
	L	I	M	I	T																22	E 2000 6
7	5.5	2.6	7.2	2.1	4.5	7																
	6	5																			21.5	E 2000 12
7.3	11.8	9.7	7.3																			