C:\DGN\MiscSISDC002.DGN

SHEET 20

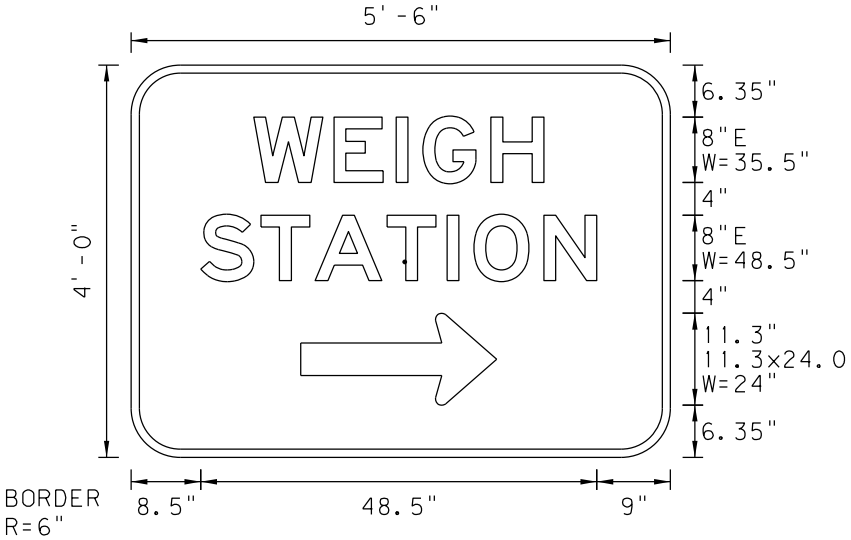
6:53:56 AM
3/22/2017
u4044

MONTANA DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



PanelStyle: 0 Grn-PS_3-0 4-6.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION
10% ☐ 20% ☐ 30% ☐

PanelStyle: 0 Grn-PS_3-0 4-6.ssi
Dimensions are in inches. tenths

SIGN NAME: D8-2aR

SHT ALUM ☐
ALUM INCR ☒

SIGN DETAIL
1:8

SIGN NUMBER	D8-3_PriSec
WIDTH x HGHT.	5'-6" x 4'-0"
MARGIN	0"
BORDER WIDTH	1"
CORNER RADIUS	6"
SQ. FEET	22.0 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective IV
BACKGROUND COLOR:	Green
LEGEND/BORDER TYPE:	Reflective IV
LEGEND/BORDER COLOR:	White/White

DESIGNED: RDS	DATE: 03/17
CHECKED: JTA	DATE: 03/17

Stations:

none

SYMBOL	ROT	X	Y	WID	HT
24.0inx11.25in_a	270	20.8	6.4	11.3	24

LETTER POSITIONS (X)																					LENGTH	SERIES SIZE
	W	E	I	G	H																35.5	E 2000 8
15	9.8	7.6	3.3	8.3	6.5	15.5																
	S	T	A	T	I	O	N														48.5	E 2000 8
8.5	7.4	6.6	8.8	7.4	3.3	8.6	6.5	9														

C:\DGN\MiscSISDC002.DGN

SHEET 21

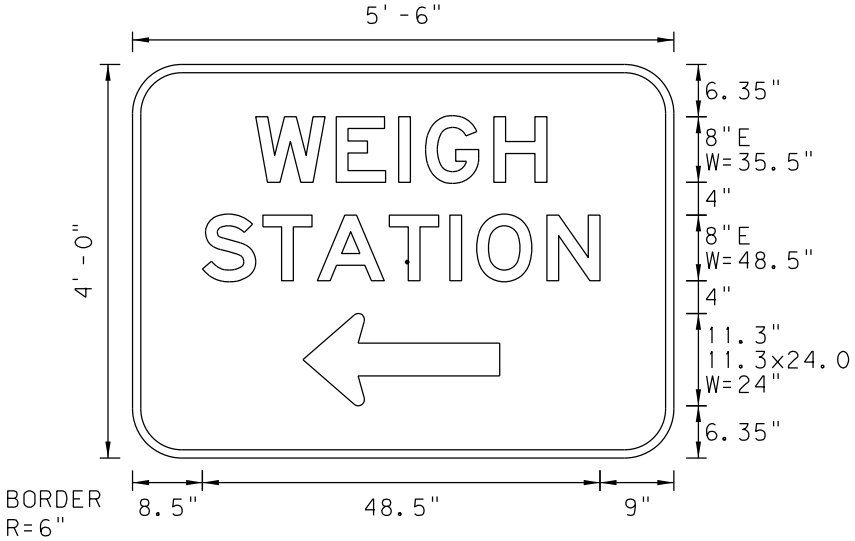
6:53:56 AM
3/22/2017
u4044

MONTANA DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



PanelStyle: 0 Grn-PS_3-0 4-6.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION
10% ☐ 20% ☐ 30% ☐

PanelStyle: 0 Grn-PS_3-0 4-6.ssi
Dimensions are in inches. tenths

SIGN NAME: D8-2aL

SHT ALUM ☐
ALUM INCR ☒

SIGN DETAIL
1:8

SIGN NUMBER	D8-3_PriSec
WIDTH x HGHT.	5'-6" x 4'-0"
MARGIN	0"
BORDER WIDTH	1"
CORNER RADIUS	6"
SQ. FEET	22.0 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective IV
BACKGROUND COLOR:	Green
LEGEND/BORDER TYPE:	Reflective IV
LEGEND/BORDER COLOR:	White/White

DESIGNED: RDS	DATE: 03/17
CHECKED: JTA	DATE: 03/17

Stations:

none

SYMBOL	ROT	X	Y	WID	HT
24.0inx11.25in_a	90	20.8	6.4	11.3	24

LETTER POSITIONS (X)																					LENGTH	SERIES SIZE
	W	E	I	G	H																35.5	E 2000 8
15	9.8	7.6	3.3	8.3	6.5	15.5																
	S	T	A	T	I	O	N														48.5	E 2000 8
8.5	7.4	6.6	8.8	7.4	3.3	8.6	6.5	9														

C:\DGN\7647000SISDC001.DGN

SHEET 9

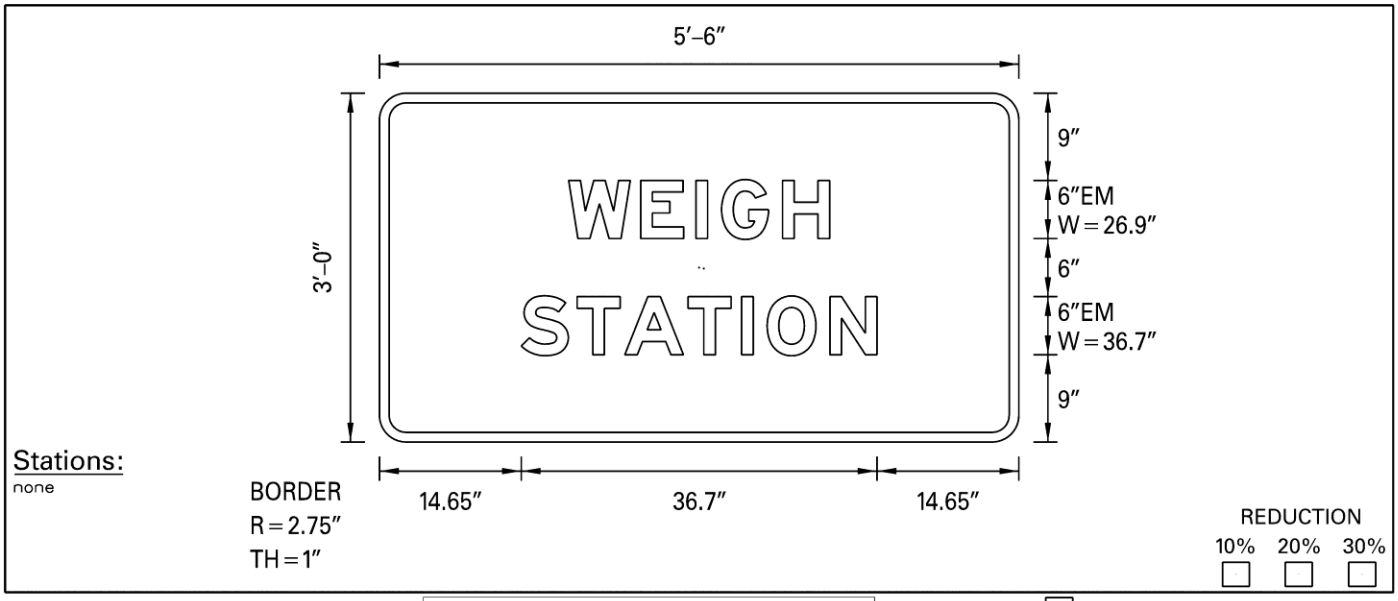
8:15:57 AM
4/22/2014
u4044

MONTANA MDT DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



Stations:
none

BORDER
R=2.75"
TH=1"

REDUCTION
10% 20% 30%

Panel Style: guide_con_destination.ssi
Dimensions are in inches.tenths

SIGN NAME: D8-2C

SHT ALUM ☐
ALUM INCR ☒

SIGN DETAIL
1:8

SIGN NUMBER	D1-1 (1 Dest - Arrow L or R)
WIDTH x HGHT.	5'-6" x 3'-0"
MARGIN	0"
BORDER WIDTH	1"
CORNER RADIUS	2.75"
SQ. FEET	16.5 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective IV
BACKGROUND COLOR:	Green
LEGEND/BORDER TYPE:	Reflective IV
LEGEND/BORDER COLOR:	White/White

	DESIGNED:	DATE:
	RDS	04/14
	CHECKED:	DATE:
	TDH	04/14

	LEFT MARGIN	RIGHT MARGIN
LINE 1		
LINE 2		
LINE 3		
LINE 4		
LINE 5		
LINE 6		
LINE 7		

SYMBOL	ROT	X	Y	WID	HT

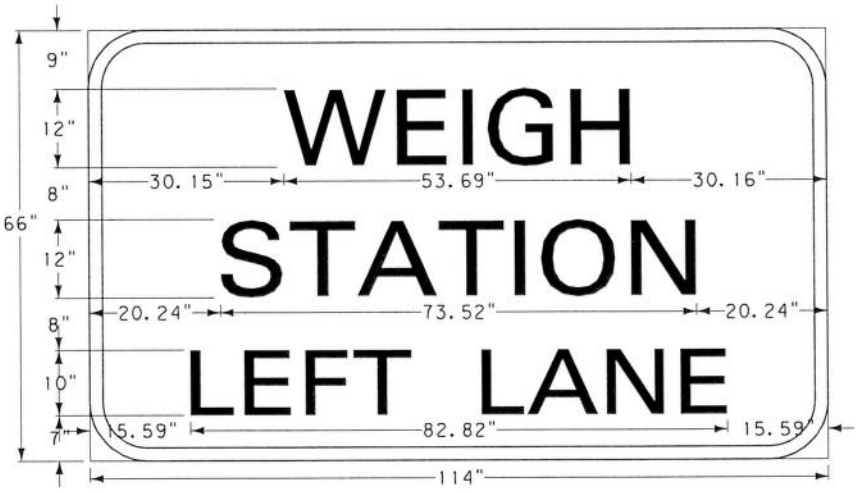
LETTER POSITIONS (X)

																				LENGTH	SERIES SIZE
	W	E	I	G	H															26.9	EM 2000 6
19.5	7.4	5.7	2.6	6.3	4.9	19.5															
	S	T	A	T	I	O	N													36.7	EM 2000 6
14.6	5.8	4.9	6.5	5.5	2.6	6.5	4.9	14.6													

SIGN DESIGN CALCULATIONS

MONTANA DEPARTMENT OF TRANSPORTATION

PROJ. NO. UPN IM 90-1 (161) 11
PROJ. TITLE Saltese - Deborgia
Haugan Interchange

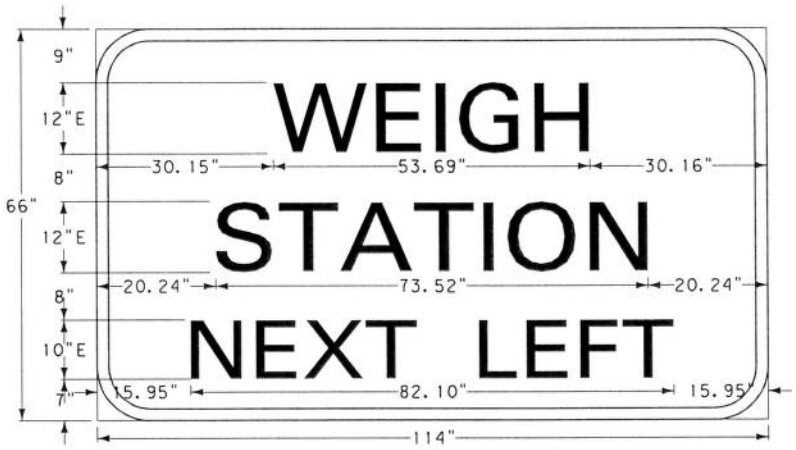


LINE 1			LINE 2			LINE 3			LINE 4			SPEC'S
LEGEND	LETTER WIDTH	LETTER HEIGHT	LEGEND	LETTER WIDTH	LETTER HEIGHT	LEGEND	LETTER WIDTH	LETTER HEIGHT	LEGEND	LETTER WIDTH	LETTER HEIGHT	SIGN NO. D8-2M
W	15.04	12"	S	12.04	12"	L	9.40	10"				STA. 745+00Rt
E	11.29		T	9.63		E	9.40					PANEL MAT'L ALUM INCR
I	5.15		A	12.82		F	8.71					WIDTH 9'-6"
G	12.65		T	11.29		T	7.34					HEIGHT 5'-6"
H	9.56		I	5.15			10.00					AREA 52.3sq'
			O	13.03		L	8.02	10"				MARGIN
			N	9.56		A	12.06					BORDER 2"
						N	10.55					CORNER R 9"
						E	7.34					LEGEND ☐ REFL. "I" ☒ REFL. "IV" COLOR WHITE
												BACKGROUND ☐ REFL. "I" ☒ REFL. "IV" COLOR
TOTAL TEMP.	53.69		TOTAL TEMP.	73.52		TOTAL TEMP.	82.82		TOTAL TEMP.			LETTER SERIES "E"
LEFT EDGE	30.15		LEFT EDGE	20.24		LEFT EDGE	15.59		LEFT EDGE			ARROW SIZE
RIGHT EDGE	30.16		RIGHT EDGE	20.24		RIGHT EDGE	15.59		RIGHT EDGE			DESIGNED: RDS DATE: 05/10
SIGN WIDTH	114.00		SIGN WIDTH	114.00		SIGN WIDTH	114.00		SIGN WIDTH			CHECKED: JTA DATE: 05/10

SIGN DESIGN CALCULATIONS

MONTANA DEPARTMENT OF TRANSPORTATION

PROJ. NO. UPN IM 90-1 (161) 11
PROJ. TITLE Saltese - Deborgia Haugan Interchange



LINE 1			LINE 2			LINE 3			LINE 4			SPEC'S
LEGEND	LETTER WIDTH	LETTER HEIGHT	LEGEND	LETTER WIDTH	LETTER HEIGHT	LEGEND	LETTER WIDTH	LETTER HEIGHT	LEGEND	LETTER WIDTH	LETTER HEIGHT	SIGN NO. D8-2L
W	15.04	12"	S	12.04	12"	N	10.55	10"				STA. 825+00
E	11.29		T	9.63		E	9.40					PANEL MAT'L ALUM INCR
I	5.15		A	12.82		X	9.96					WIDTH 9'-6"
G	12.65		T	11.29		T	7.34					HEIGHT 5'-6"
H	9.56		I	5.15			10.00					AREA 52.3sq'
			O	13.03		L	9.40	10"				MARGIN
			N	9.56		E	9.40					BORDER 2"
						F	8.71					CORNER R 9"
						T	7.34					LEGEND ☐ REFL. "I" ☒ REFL. "IV" COLOR WHTIE
												BACKGROUND ☐ REFL. "I" ☒ REFL. "IV" COLOR GREEN
TOTAL TEMP.	53.69		TOTAL TEMP.	73.52		TOTAL TEMP.	82.10		TOTAL TEMP.			LETTER SERIES "E"
LEFT EDGE	30.15		LEFT EDGE	20.24		LEFT EDGE	15.95		LEFT EDGE			ARROW SIZE
RIGHT EDGE	30.16		RIGHT EDGE	20.24		RIGHT EDGE	15.95		RIGHT EDGE			DESIGNED:RDS DATE: 05/10
SIGN WIDTH	114.00		SIGN WIDTH	114.00		SIGN WIDTH	114.00		SIGN WIDTH			CHECKED: JTA DATE: 05/10