c:\dgn\SignPlotTmp.dgn

SHEET 20

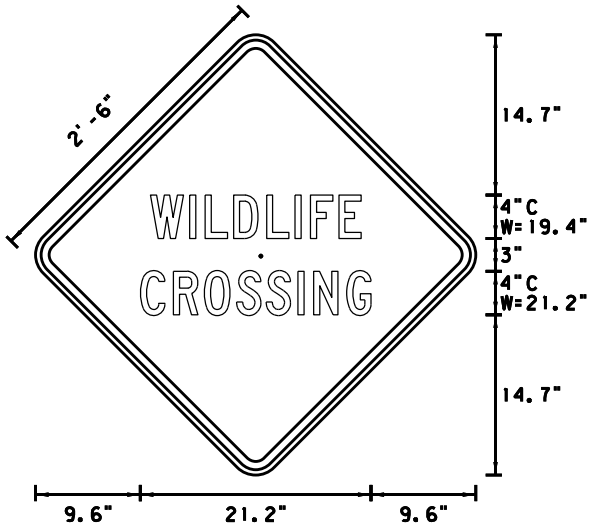
7:19:22 AM
6/17/2015
u4044

MONTANA DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



Stations:
none

Panel Style: 5 Warn 30_2-Line.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION
10% ☐ 20% ☐ 30% ☐

Panel Style: 5 Warn 30_2-Line.ssi
Dimensions are in inches. tenths

SIGN NAME: W11-13

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1:8

SIGN NUMBER	W11-13
WIDTH x HGHT.	3'-4" x 3'-4"
MARGIN	0"
BORDER WIDTH	0"
CORNER RADIUS	0"
SQ. FEET	11.4 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective
BACKGROUND COLOR:	Yellow
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

DESIGNED: RDS	DATE: 06/2015
CHECKED:	DATE:

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)																					LENGTH	SERIES SIZE
	W	I	L	D	L	I	F	E													19.4	C 2000 4
10.6	3.6	1.4	2.6	3	2.6	1.4	2.6	2	10.6													
	C	R	O	S	S	I	N	G													21.2	C 2000 4
9.6	3	2.8	3	2.7	2.9	1.4	3	2.2	9.6													

c:\dgn\SignPlotTmp.dgn

SHEET 21

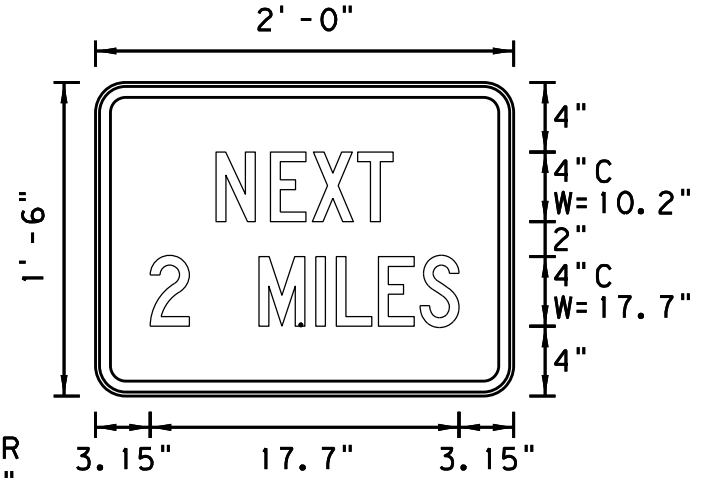
7:19:22 AM
6/17/2015
u4044

MONTANA MDT DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



30% REDUCTION
"2 MILES"

BORDER
R=1.5"
TH=0.63"
IN=0.23"

Stations:
18.800

Panel Style: 5 W_18.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION
10% ☐ 20% ☐ 30% ☐

Panel Style: 5 W_18.ssi
Dimensions are in inches, tenths

SIGN NAME: W7-3a

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1:8

SIGN NUMBER	W7-3a
WIDTH x HGHT.	2'-0" x 1'-6"
MARGIN	0.23"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
SQ. FEET	3.0 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective
BACKGROUND COLOR:	Yellow
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

DESIGNED: RDS	DATE: 06/2015
CHECKED:	DATE:

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)																					LENGTH	SERIES SIZE
	N	E	X	T																	10.2	C 2000 4
6.9	3.1	2.4	2.6	2	6.9																	
	2		M	I	L	E	S														17.7	C 2000 4
3.1	2.2	4	3.3	1.2	2.4	2.4	2.2	3.1														

c:\dgn\SignPlotTmp.dgn

SHEET 22

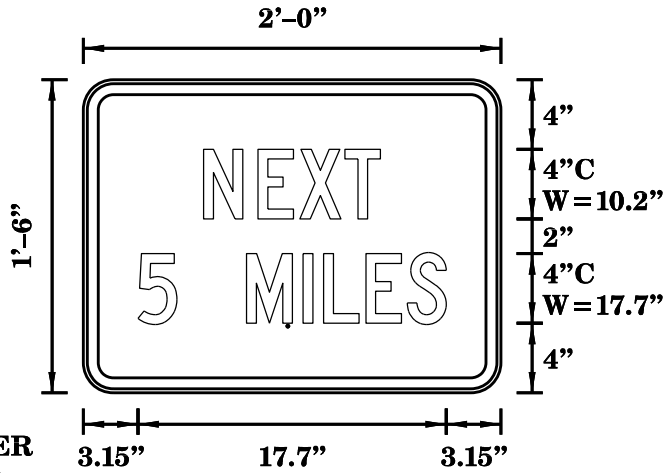
7:19:23 AM
6/17/2015
u4044

MONTANA DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



30% REDUCTION "5 MILES"

BORDER
R=1.5"
TH=0.63"
IN=0.23"

Stations:
18.800

Panel Style: 5 W_18.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION
10% ☐ 20% ☐ 30% ☐

Panel Style: 5 W_18.ssi
Dimensions are in inches. tenths

SIGN NAME: W7-3a

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1:8

SIGN NUMBER	W7-3a
WIDTH x HGHT.	2'-0" x 1'-6"
MARGIN	0.23"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
SQ. FEET	3.0 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective
BACKGROUND COLOR:	Yellow
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

DESIGNED: RDS	DATE: 06/2015
CHECKED:	DATE:

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)																					LENGTH	SERIES SIZE
	N	E	X	T																	10.2	C 2000 4
6.9	3.1	2.4	2.6	2	6.9																	
	5		M	I	L	E	S														17.7	C 2000 4
3.1	2.2	4	3.3	1.2	2.4	2.4	2.2	3.1														

c:\dgn\SignPlotTmp.dgn

SHEET 23

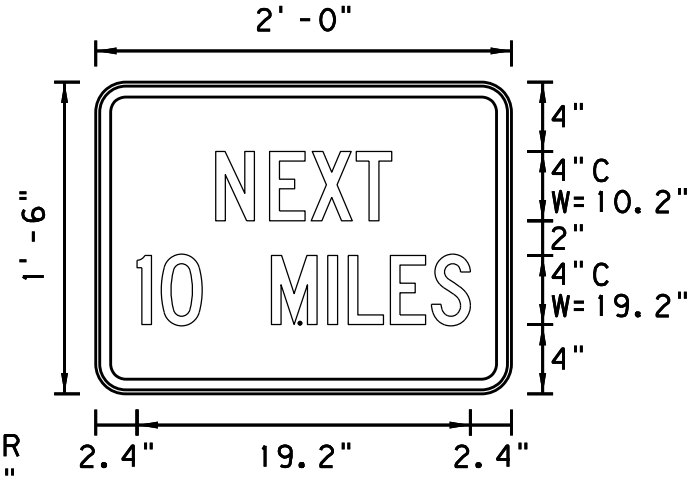
7:19:23 AM
6/17/2015
u4044

MONTANA MDT DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



30% REDUCTION
"10 MILES"

BORDER
R=1.5"
TH=0.63"
IN=0.23"

Stations:
18.800

Panel Style: 5 W_18.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION
10% ☐ 20% ☐ 30% ☐

Panel Style: 5 W_18.ssi
Dimensions are in inches. tenths

SIGN NAME: W7-3a

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1:8

SIGN NUMBER	W7-3a
WIDTH x HGHT.	2'-0" x 1'-6"
MARGIN	0.23"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
SQ. FEET	3.0 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective
BACKGROUND COLOR:	Yellow
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

DESIGNED: RDS	DATE: 06/2015
CHECKED:	DATE:

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

																					LENGTH	SERIES SIZE
	N	E	X	T																	10.2	C 2000 4
6.9	3.1	2.4	2.6	2	6.9																	
	I	O		M	I	L	E	S													19.2	C 2000 4
2.4	1.4	2.4	4	3.3	1.2	2.4	2.4	2.2	2.4													

c:\dgn\SignPlotTmp.dgn

SHEET 24

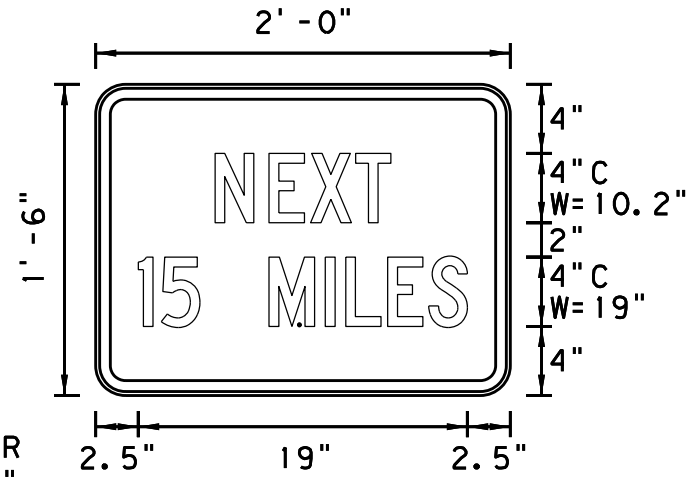
7:19:23 AM
6/17/2015
u4044

MONTANA MDT DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



30% REDUCTION "15 MILES"

BORDER
R=1.5"
TH=0.63"
IN=0.23"

Stations:
18.800

Panel Style: 5 W_18.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION 10% ☐ 20% ☐ 30% ☐

Panel Style: 5 W_18.ssi
Dimensions are in inches. tenths

SIGN NAME: W7-3a

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL 1:8

SIGN NUMBER	W7-3a
WIDTH x HGHT.	2'-0" x 1'-6"
MARGIN	0.23"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
SQ. FEET	3.0 Sq.Ft.
BACKGROUND TYPE:	Reflective
BACKGROUND COLOR:	Yellow
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

DESIGNED: RDS	DATE: 06/2015
CHECKED:	DATE:

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)																					LENGTH	SERIES SIZE
	N	E	X	T																	10.2	C 2000 4
6.9	3.1	2.4	2.6	2	6.9																	
	1	5		M	I	L	E	S													19	C 2000 4
2.5	1.3	2.2	4	3.3	1.2	2.4	2.4	2.2	2.5													

c:\dgn\SignPlotTmp.dgn

SHEET 25

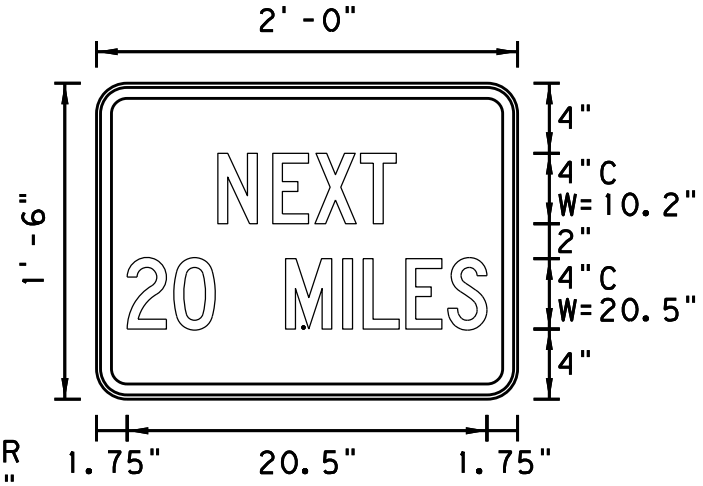
7:19:23 AM
6/17/2015
u4044

MONTANA MDT DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



30% REDUCTION "20 MILES"

Stations:
18.800

Panel Style: 5 W_18.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION 10% ☐ 20% ☐ 30% ☐

Panel Style: 5 W_18.ssi
Dimensions are in inches. tenths

SIGN NAME: W7-3a

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL 1:8

SIGN NUMBER	W7-3a
WIDTH x HGHT.	2'-0" x 1'-6"
MARGIN	0.23"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
SQ. FEET	3.0 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective
BACKGROUND COLOR:	Yellow
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

DESIGNED: RDS	DATE: 06/2015
CHECKED:	DATE:

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)																					LENGTH	SERIES SIZE
	N	E	X	T																	10.2	C 2000 4
6.9	3.1	2.4	2.6	2	6.9																	
	2	0		M	I	L	E	S													20.5	C 2000 4
1.8	2.7	2.4	4	3.3	1.2	2.4	2.4	2.2	1.8													