c: \ dgn\ SignPlotTmp. dgn

SHEET 1

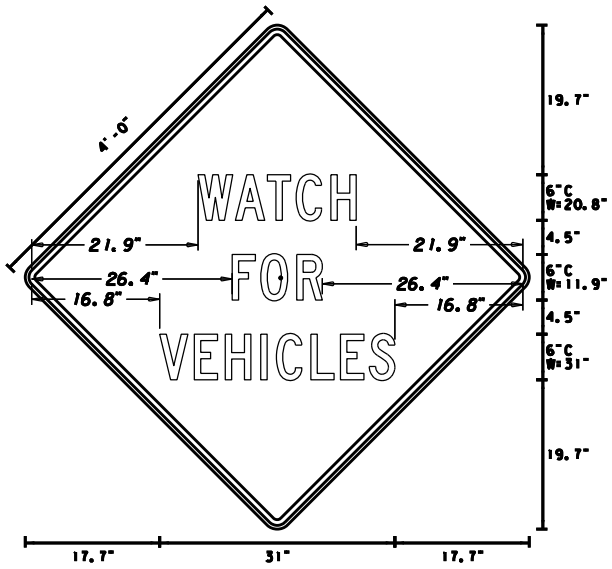
1: 26: 32 PM
6/16/2015
u4044

MONTANA DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



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

Stations:
none

REDUCTION
10% ☐ 20% ☐ 30% ☐

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

SIGN NAME: W26-1

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1: 8

SIGN NUMBER	W26-1
WIDTH x HGHT.	5'-6" x 5'-6"
MARGIN	0"
BORDER WIDTH	0"
CORNER RADIUS	0"
SQ. FEET	16.0 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective IV
BACKGROUND COLOR:	Yellow
LEGEND/BORDER TYPE:	Reflective IV
LEGEND/BORDER COLOR:	Black/Black

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

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)																					LENGTH	SERIES SIZE
	W	A	T	C	H																20.8	C 2000 6
22.8	4.9	4.2	3.8	4.6	3.4	22.8																
	F	O	R																		11.9	C 2000 6
27.2	3.8	4.7	3.4	27.2																		
	V	E	H	I	C	L	E	S													31	C 2000 6
17.7	4.6	4.1	4.7	2	4.6	3.9	3.8	3.4	17.7													

c:\dgn\SignPlotTmp.dgn

SHEET 2

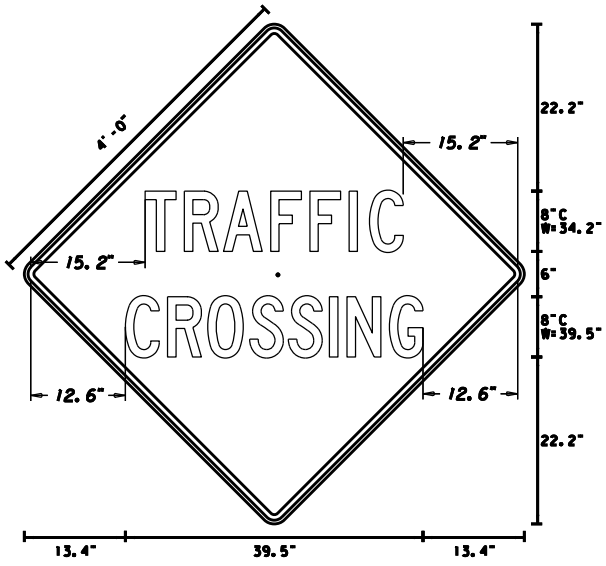
1:26:32 PM
6/16/2015
u4044

MONTANA DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



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

Stations:
none

REDUCTION
10% ☐ 20% ☐ 30% ☐

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

SIGN NAME: W26-3

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1:8

SIGN NUMBER	W26-3
WIDTH x HGHT.	5'-6" x 5'-6"
MARGIN	0"
BORDER WIDTH	0"
CORNER RADIUS	0"
SQ. FEET	16.0 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective IV
BACKGROUND COLOR:	Yellow
LEGEND/BORDER TYPE:	Reflective IV
LEGEND/BORDER COLOR:	Black/Black

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

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

																					LENGTH	SERIES SIZE
	T	R	A	F	F	I	C														34.2	C 2000 8
16	5.2	5.2	6.2	5.2	5.2	2.7	4.5	16														
	C	R	O	S	S	I	N	G													39.5	C 2000 8
13.4	5.6	5.3	5.6	5.2	5.4	2.4	5.6	4.5	13.4													

c:\dgn\SignPlotTmp.dgn

SHEET 3

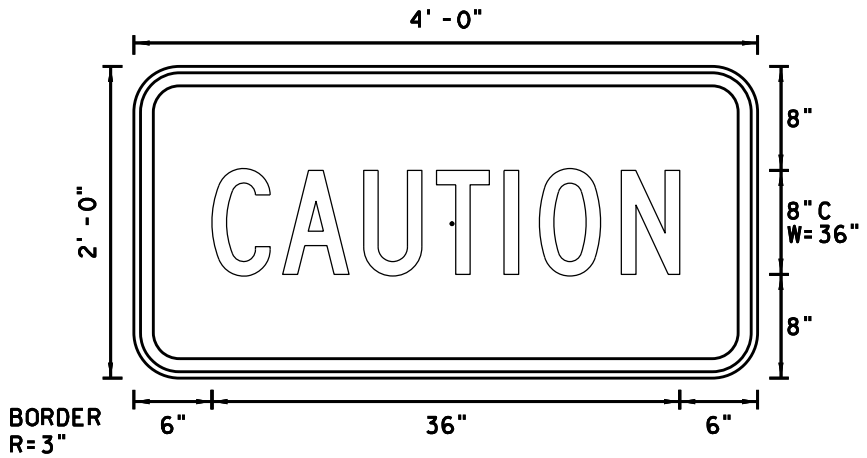
1:26:32 PM
6/16/2015
u4044

MONTANA DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



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

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

Stations:
none

REDUCTION
10% ☐ 20% ☐ 30% ☐

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

SIGN NAME: W26-2

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1:8

SIGN NUMBER	W26-2
WIDTH x HGHT.	4'-0" x 2'-0"
MARGIN	0.5"
BORDER WIDTH	1"
CORNER RADIUS	3"
SQ. FEET	8.0 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE: / COLOR:	Reflective IV / Yellow
LEGEND/BORDER TYPE: / COLOR:	Reflective IV / Black/Black

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

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

	C	A	U	T	I	O	N													LENGTH	SERIES SIZE
6	5.4	6.2	5.6	5.2	2.7	6.3	4.5	6												36	C 2000 8

c:\dgn\SignPlotTmp.dgn

SHEET 4

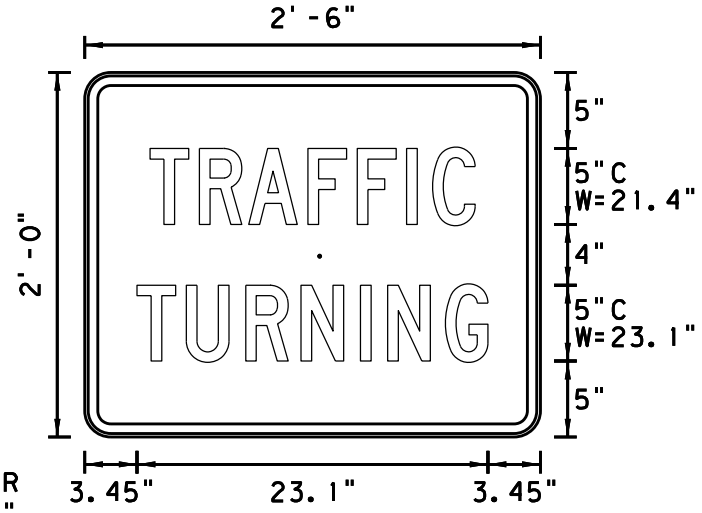
1:26:33 PM
6/16/2015
u4044

MONTANA DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



Stations:
none

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

Panel Style: 5 W_24.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION
10% ☐ 20% ☐ 30% ☐

Panel Style: 5 W_24.ssi
Dimensions are in inches, tenths

SIGN NAME: W26-4

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1:8

SIGN NUMBER	W26-4
WIDTH x HGHT.	2'-6" x 2'-0"
MARGIN	0.23"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
SQ. FEET	5.0 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective IV
BACKGROUND COLOR:	Yellow
LEGEND/BORDER TYPE:	Reflective IV
LEGEND/BORDER COLOR:	Black/Black

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

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)																					LENGTH	SERIES SIZE
	T	R	A	F	F	I	C														21.4	C 2000 5
4.3	3.3	3.3	3.9	3.3	3.3	1.7	2.8	4.3														
	T	U	R	N	I	N	G														23.1	C 2000 5
3.4	3.2	3.9	3.6	3.9	1.8	3.8	2.8	3.4														

c: \dgn\ SignPlotTmp. dgn

SHEET 5

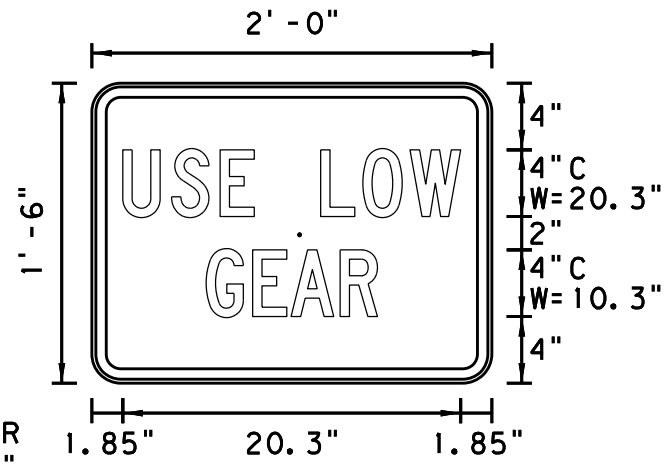
1: 26: 33 PM
6/16/2015
u4044

MONTANA DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



BORDER
R=1. 5"
TH=0. 63"
IN=0. 23"

Stations:
none

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: W7-2

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1: 8

SIGN NUMBER	W7-2
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 IV
BACKGROUND COLOR:	Yellow
LEGEND/BORDER TYPE:	Reflective IV
LEGEND/BORDER COLOR:	Black/Black

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

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

																					LENGTH	SERIES SIZE
	U	S	E		L	O	W														20. 3	C 2000 4
1. 9	2. 9	2. 9	2	4	2. 5	2. 8	3	1. 9														
	G	E	A	R																	10. 3	C 2000 4
6. 9	2. 8	2. 3	3	2. 2	6. 9																	

c:\dgn\SignPlotTmp.dgn

SHEET 6

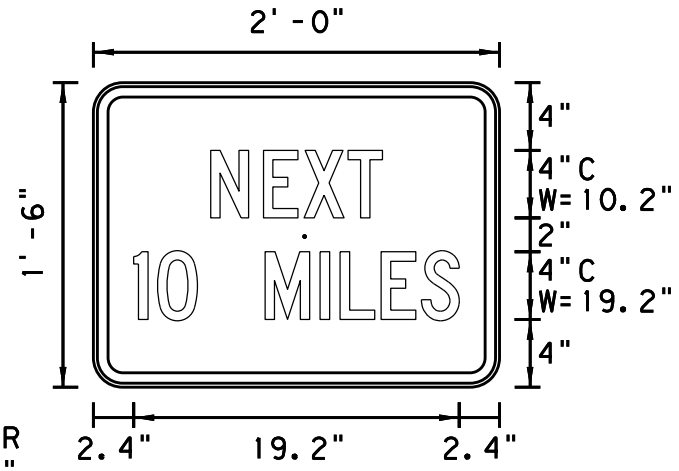
1:26:33 PM
6/16/2015
u4044

MONTANA DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



Stations:
none

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:	JTA	DATE:	06/2015

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 7

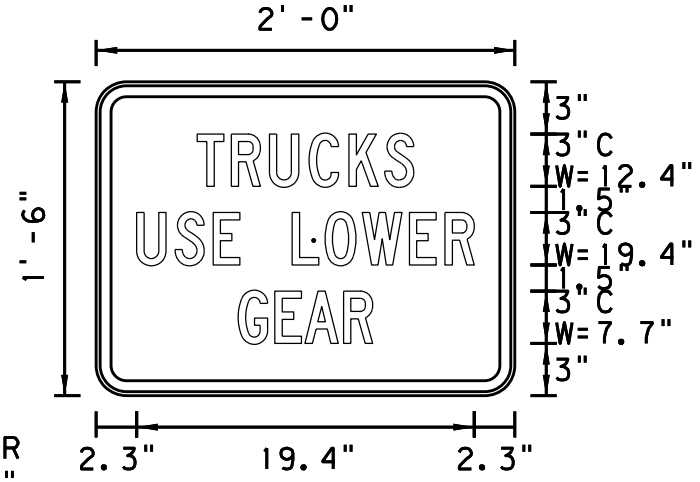
1:26:33 PM
6/16/2015
u4044

MONTANA DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



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

Stations:
none

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: W7-2b

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1:8

SIGN NUMBER	W7-2b
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: JTA	DATE: 06/2015

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)																					LENGTH	SERIES SIZE
	T	R	U	C	K	S															12.4	C 2000 3
5.8	2	2.2	2.3	2.3	2	1.7	5.8															
	U	S	E		L	O	W	E	R												19.4	C 2000 3
2.3	2.2	2.2	1.5	3	1.9	2.1	2.7	2	1.7	2.3												
	G	E	A	R																	7.7	C 2000 3
8.1	2.1	1.7	2.2	1.7	8.1																	

c:\dgn\SignPlotTmp.dgn

SHEET 8

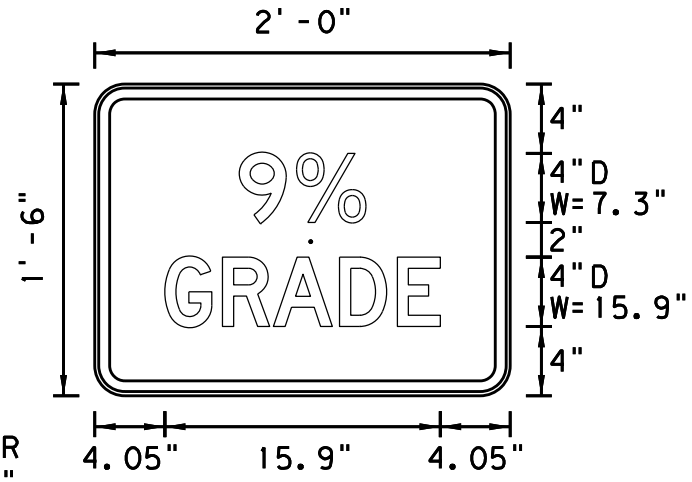
1:26:33 PM
6/16/2015
u4044

MONTANA DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



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

Stations:
none

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: W7-3

SHT ALUM ☒
ALUM INCR ☐

SIGN DETAIL
1:8

SIGN NUMBER	W7-3
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:	JTA
DATE:	06/2015

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)																					LENGTH	SERIES SIZE
	9	%																			7.3	D 2000 4
8.3	3.3	4	8.3																			
	G	R	A	D	E																15.9	D 2000 4
4	3.3	2.9	3.8	3.3	2.5	4																

c:\dgn\SignPlotTmp.dgn

SHEET 9

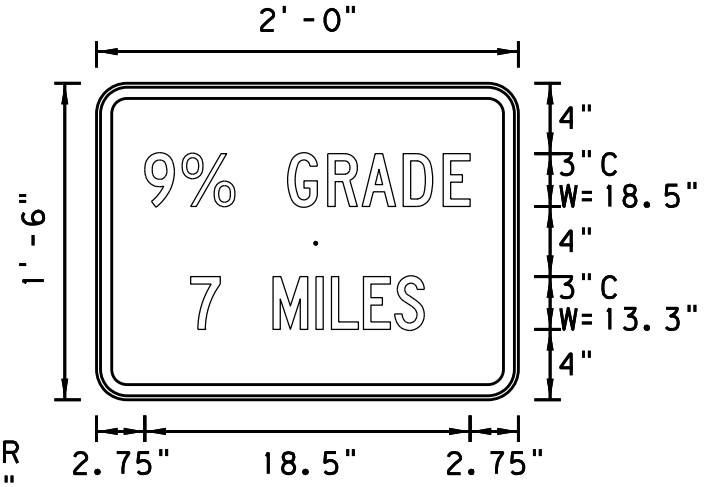
1:26:34 PM
6/16/2015
u4044

MONTANA DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



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

Stations:
none

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: W7-3b

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1:8

SIGN NUMBER	W7-3b
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 IV
BACKGROUND COLOR:	Yellow
LEGEND/BORDER TYPE:	Reflective IV
LEGEND/BORDER COLOR:	Black/Black

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

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

																				LENGTH	SERIES SIZE
	9	%		G	R	A	D	E												18.5	C 2000 3
2.7	2.1	3	3	2.3	2	2.3	2.3	1.5	2.7												
	7		M	I	L	E	S													13.3	C 2000 3
5.4	1.7	3	2.4	0.9	1.8	1.8	1.7	5.4													