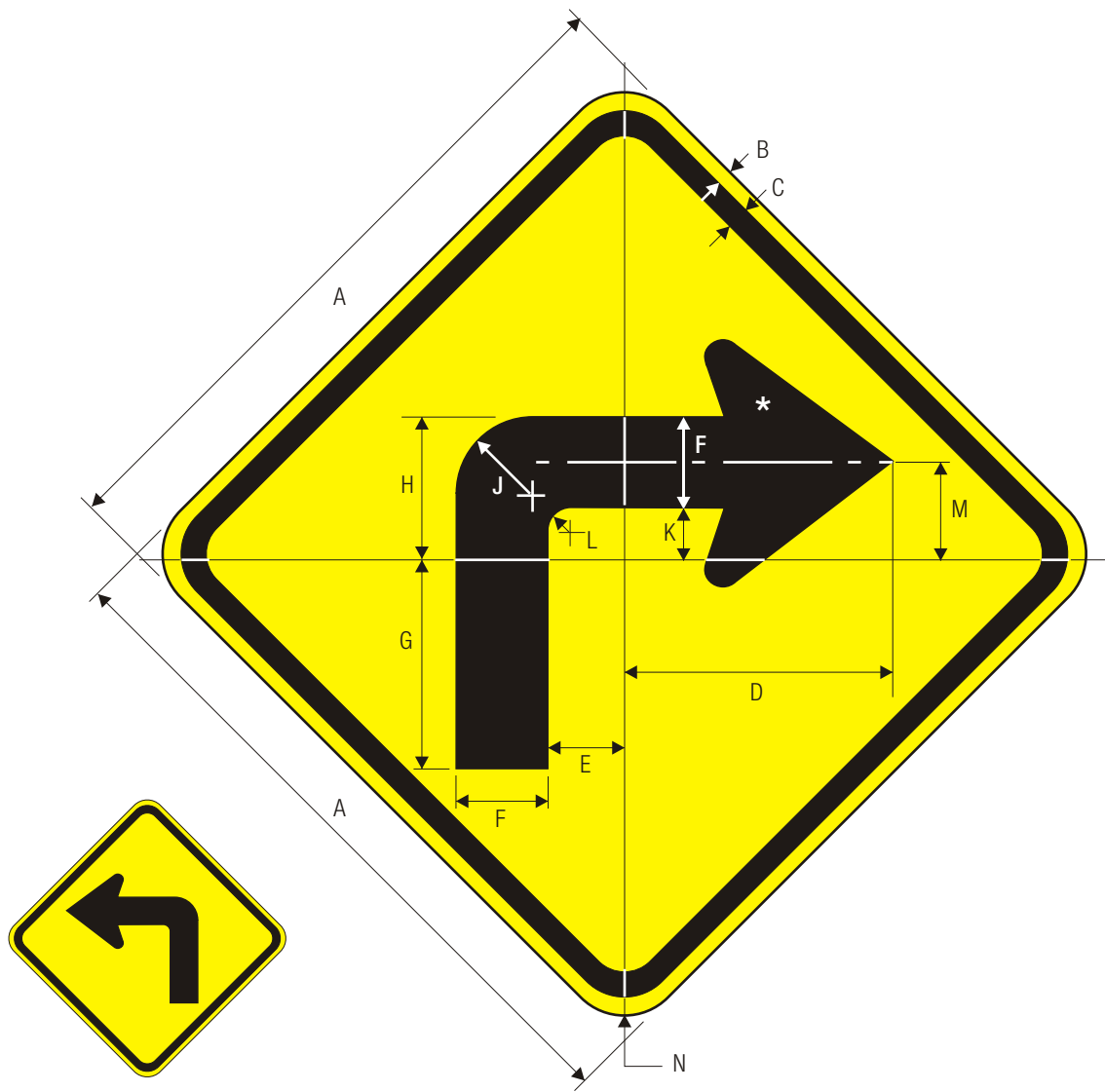


WARNING SIGNS

W1-1 THROUGH W25-2
G20-1 THROUGH G20-4

NOTE: ALL WARNING SIGNS USED IN CONSTRUCTION AND MAINTENANCE
AREAS SHALL HAVE AN ORANGE BACKGROUND EXCEPT W10-1.



W1-1L

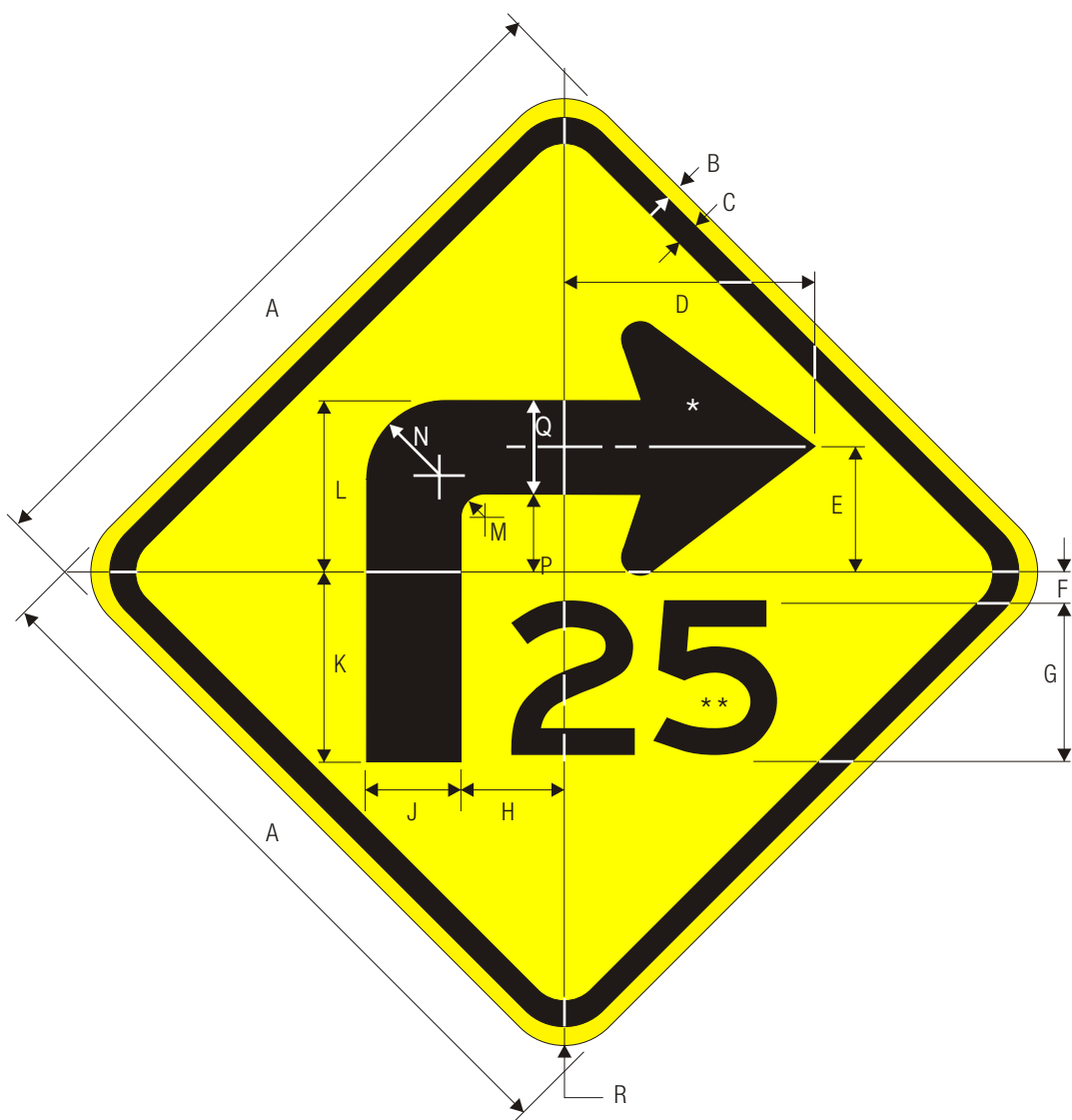
W1-1R
TURN

See page 6-2 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M	N
18	.375	.625	7.25	2.25	2.625	5.875	3.75	1.875	1	.625	2.5	1.5
24	.375	.625	9.625	3	3.5	7.75	5	2.5	1.5	.813	3.25	1.5
30	.5	.75	12	3.75	4.375	9.688	6.25	3	1.875	1	4.063	1.875
36	.625	.875	14.375	4.5	5.25	11.625	7.5	3.625	2.25	1.25	4.875	2.25
48	.75	1.25	19.188	6	7	15.5	10	4.875	3	1.625	6.5	3

WARNING SIGN COLORS:
LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:
LEGEND — BLACK
BACKGROUND— ORANGE (RETROREFLECTIVE)



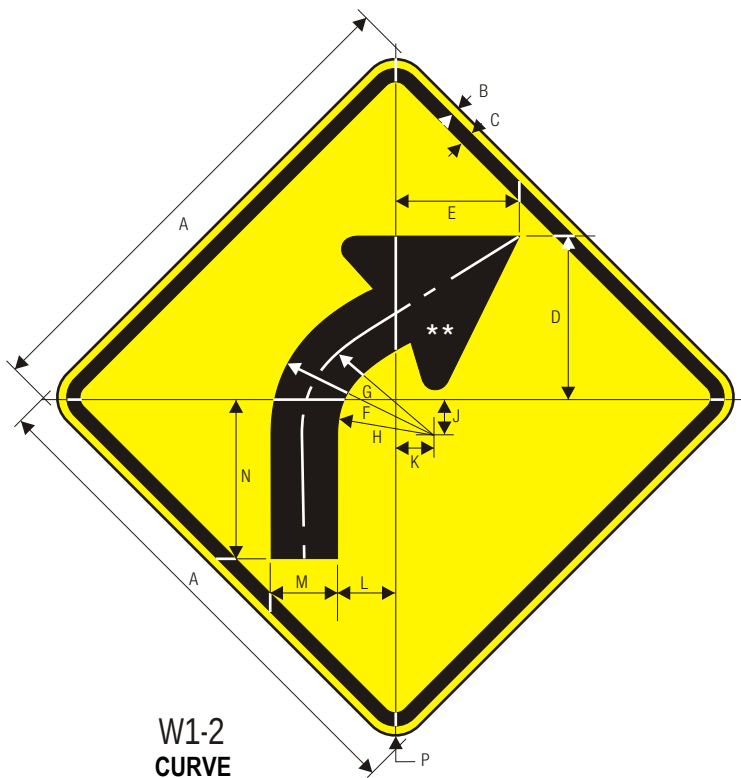
W1-1a R
TURN

*See page 6-2 for symbol design.
**Optically locate numerals.

A	B	C	D	E	F	G	H	J	K	L	M
30	.5	.75	10.648	5.284	2	6 E	4.363	4	8	7.282	1
36	.625	.875	13.330	6.645	2.922	7 E	5.444	5	9.927	9.123	1.321
48	.75	1.25	18.654	9.327	5.043	9 E	7.605	7	14.050	12.844	1.801

N	P	Q	R
3.202	3.282	4	1.875
4	4.123	5	2.256
5.604	5.844	7	3

COLORS: LEGEND, — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



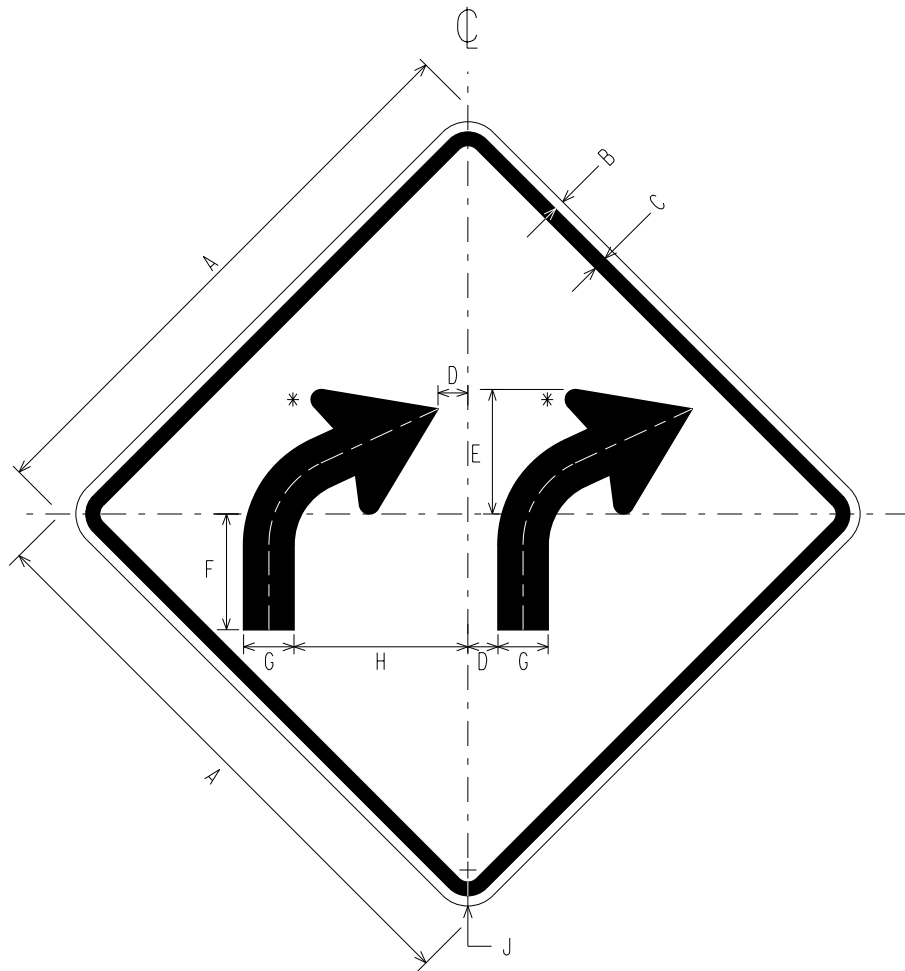
A	B	C	D	E	F	G	H	J	K	L	M
18	.375	.625	5.405	5.144	6	4.687	3.375	1.75	1.312	2.06	2.625
24	.375	.625	7.094	7.25	8	6.25	4.5	2.344	1.75	2.75	3.5
30	.5	.75	8.875	9.063	10	7.813	5.625	2.938	2.188	3.438	4.375
36	.625	.875	10.625	10.875	12	9.375	6.75	3.5	2.625	4.125	5.25
48	.75	1.25	14.188	14.5	16	12.5	9	4.688	3.5	5.5	7

N	P	Q	R
6.187	1.5	1.5	4 E
8.25	1.5	2.5	5 E
10.313	1.875	2	6 E
12.375	2.25	3	7 E
16.5	3	5	9 E

*See page 6-2 for symbol design.
 **Optically position numerals.

WARNING SIGN COLORS:
 LEGEND — BLACK
 BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:
 LEGEND — BLACK
 BACKGROUND— ORANGE (RETROREFLECTIVE)

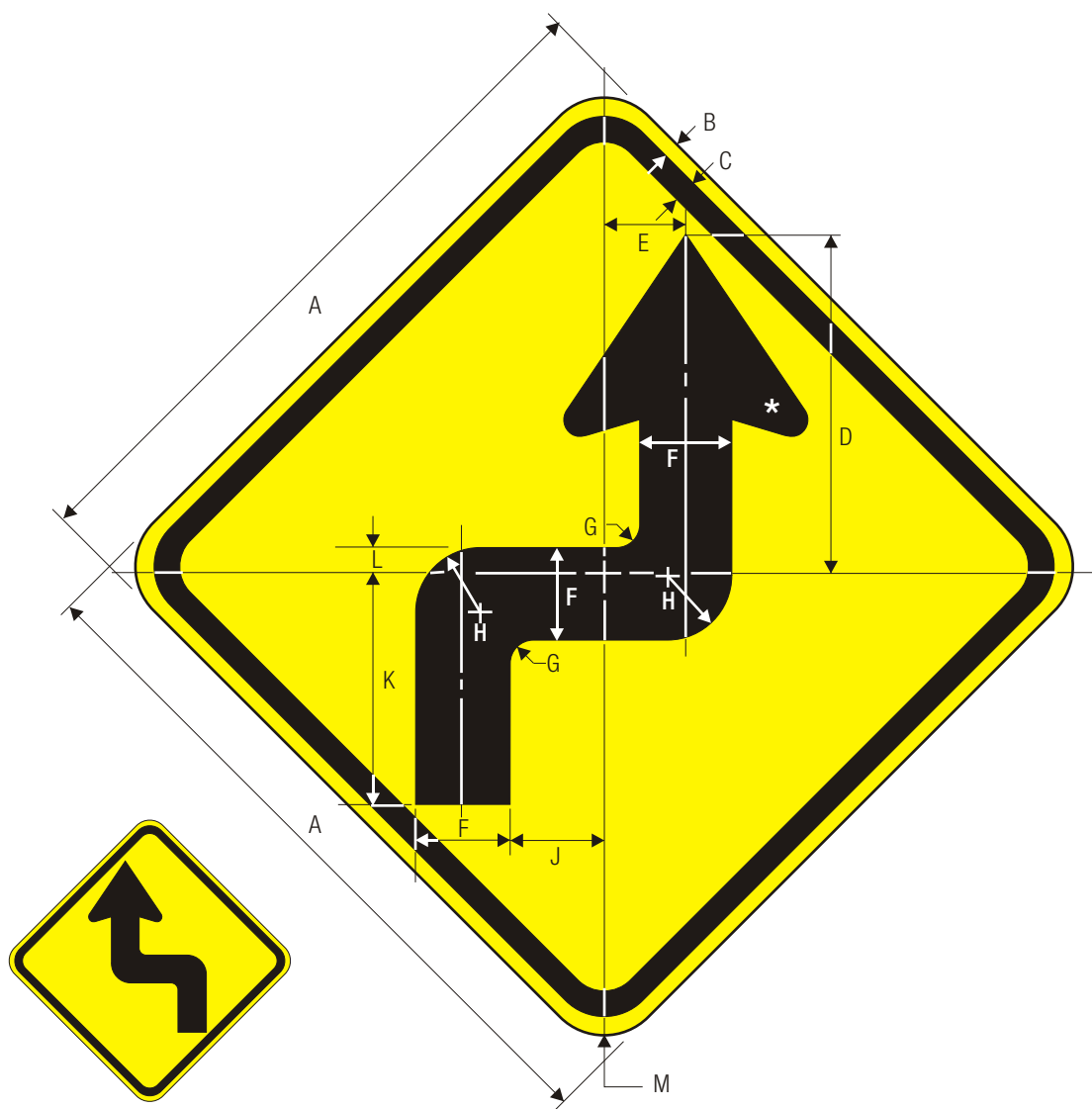


W1-2b
TWO LANE CURVE SIGN

DIMENSIONS (INCHES)								
A	B	C	D	E	F	G	H	J
36	.625	.875	2	7.81	7.22	3.15	11	2.25
48	.75	1.25	2.5	10.36	9.65	4.2	14.5	3

COLORS

SYMBOL AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - ORANGE (REFL.)
 W1-2bL IS A MIRROR IMAGE OF W1-2bR
 *REDUCE W1-2 ARROW TO 60%
 SEE APPENDIX PAGE 6-2 FOR ARROW DETAILS



W1-3L

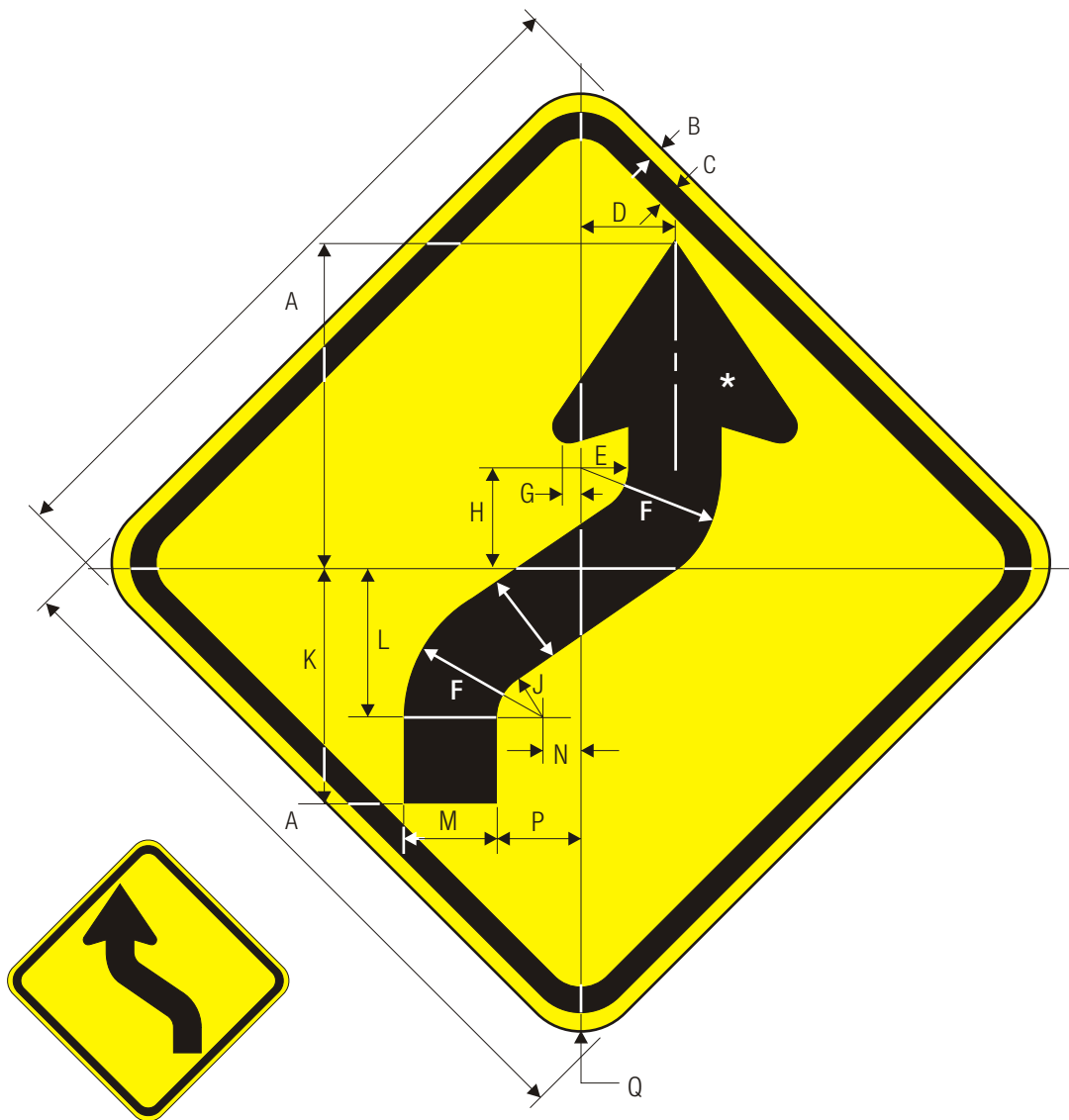
W1-3R
REVERSE TURN

*See page 6-2 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M
18	.375	.625	8.719	2.109	2.625	.625	1.812	2.25	6.234	.828	1.5
24	.375	.625	11.594	2.813	3.5	.813	2.5	3	8.313	1.094	1.5
C 30	.5	.75	14.5	3.5	4.375	1	3	3.75	10.375	1.375	1.875
36	.625	.875	17.438	4.219	5.25	1.25	3.625	4.5	12.469	1.656	2.25
48	.75	1.25	23.188	5.625	7	1.625	4.875	6	16.625	2.188	3

WARNING SIGN COLORS:
SYMBOL — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:
SYMBOL — BLACK
BACKGROUND— ORANGE (RETROREFLECTIVE)



W1-4L

W1-4R

REVERSE CURVE

*See page 6-2 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M
18	.375	.625	2.375	1	3.875	.25	2.625	8.625	6.25	4	2.625
24	.375	.625	3.156	1.5	5	.313	3.5	11.25	8.25	5.25	3.5
30	.5	.75	3.938	1.875	6.25	.375	4.375	14.063	10.625	6.563	4.375
36	.625	.875	4.719	2.25	7.5	.469	5.25	16.875	12.375	7.875	5.25
48	.75	1.25	6.313	3	10	.625	7	22.5	16.5	10.5	7

N	P	Q
.875	2	1.5
1.125	2.625	1.5
1.406	3.281	1.875
1.688	3.938	2.25
2.25	5.25	3

WARNING SIGN COLORS:

SYMBOL — BLACK

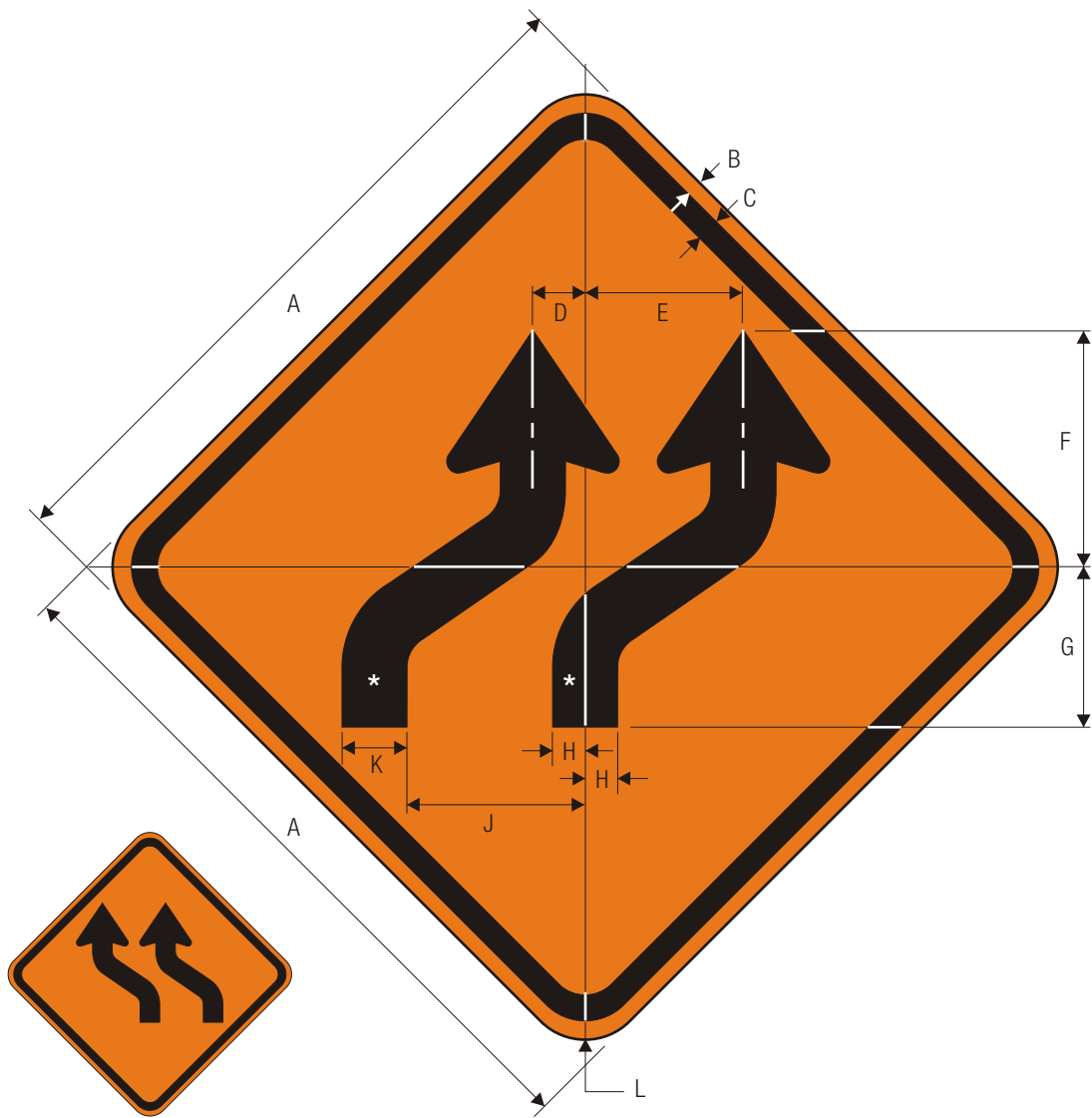
BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

SYMBOL — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)

C



W1-4bL

W1-4bR

TWO LANE REVERSE CURVE

*Reduce W1-4 Arrow 30%.

**See page 6-2 for arrow design.

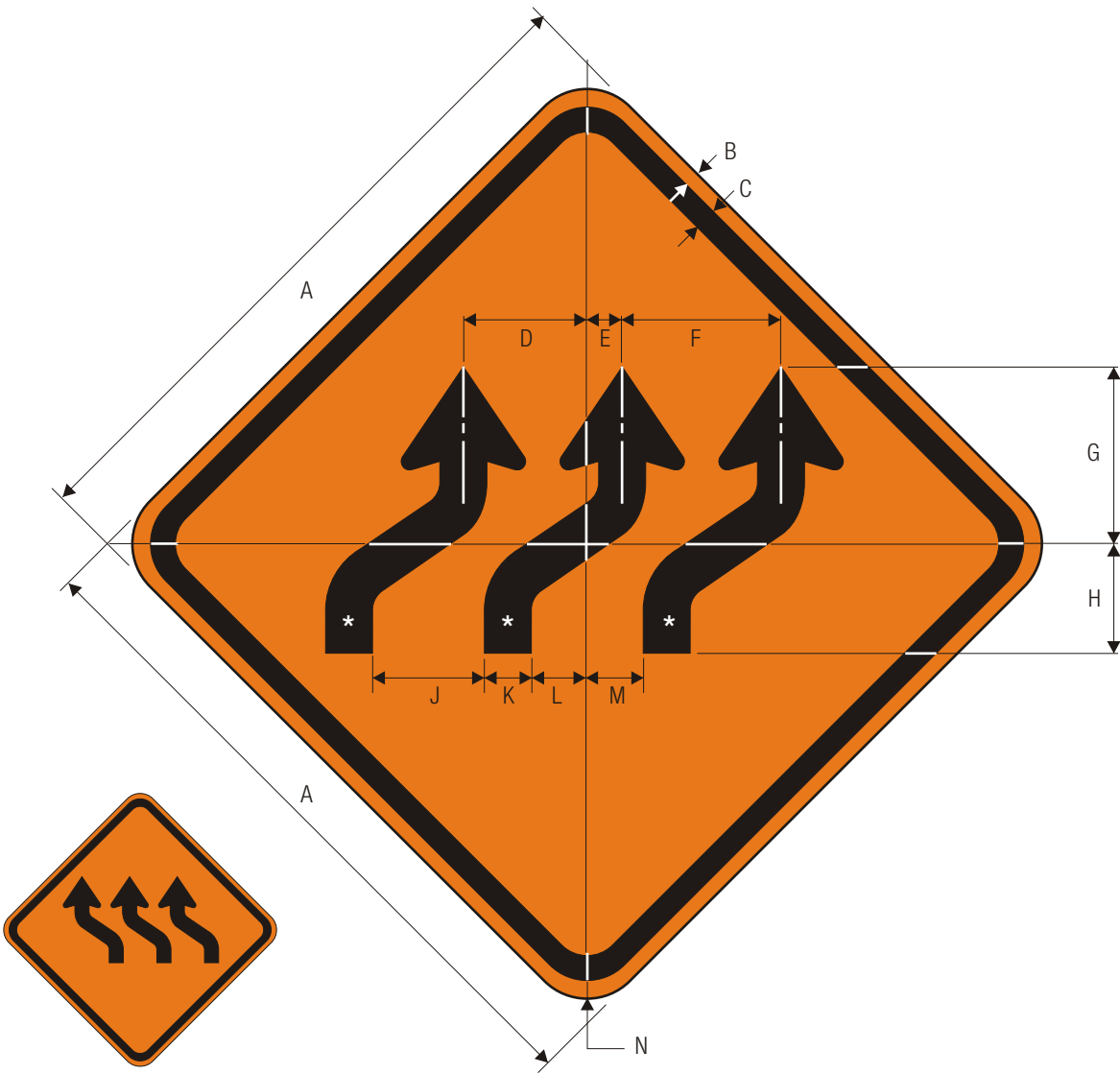
C

A	B	C	D	E	F	G	H	J	K	L
24	.375	.625	2.121	5.123	7.685	5.123	1.040	6.164	2.080	1.5
30	.5	.75	2.241	6.805	10.247	6.805	1.401	7.645	2.802	1.875
36	.625	.875	3.042	8.526	12.889	8.446	1.741	9.847	3.482	2.25
48	.75	1.25	4.242	10.246	15.37	10.246	2.08	12.328	4.16	3

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W1-4cL

W1-4cR

THREE LANE REVERSE CURVE

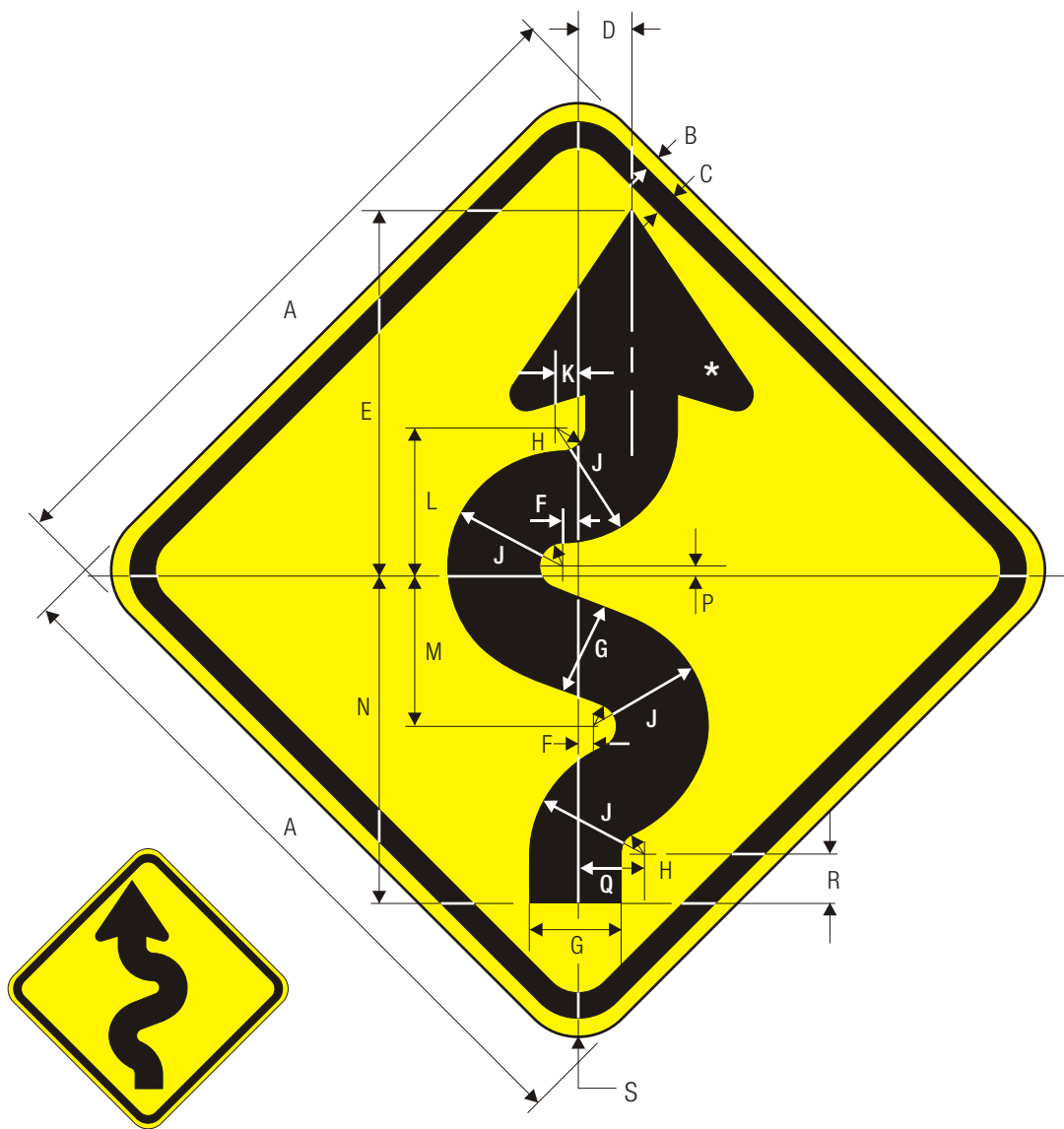
*Reduce W1-4bR Arrow 20%.

	A	B	C	D	E	F	G	H	J	K	L	M	N
	24	.375	.625	4.443	1.240	5.684	6.404	3.842	4	1.681	2	2	1.5
	30	.5	.75	5.404	1.481	7.245	8.566	5.123	5	2.241	2.862	2.141	1.875
C	36	.625	.875	7.125	1.641	9.287	10.768	6.284	6.484	2.802	3.762	2.722	2.25
	48	.75	1.25	8.886	2.48	11.368	12.808	7.684	8	3.362	4	4	3

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W1-5L

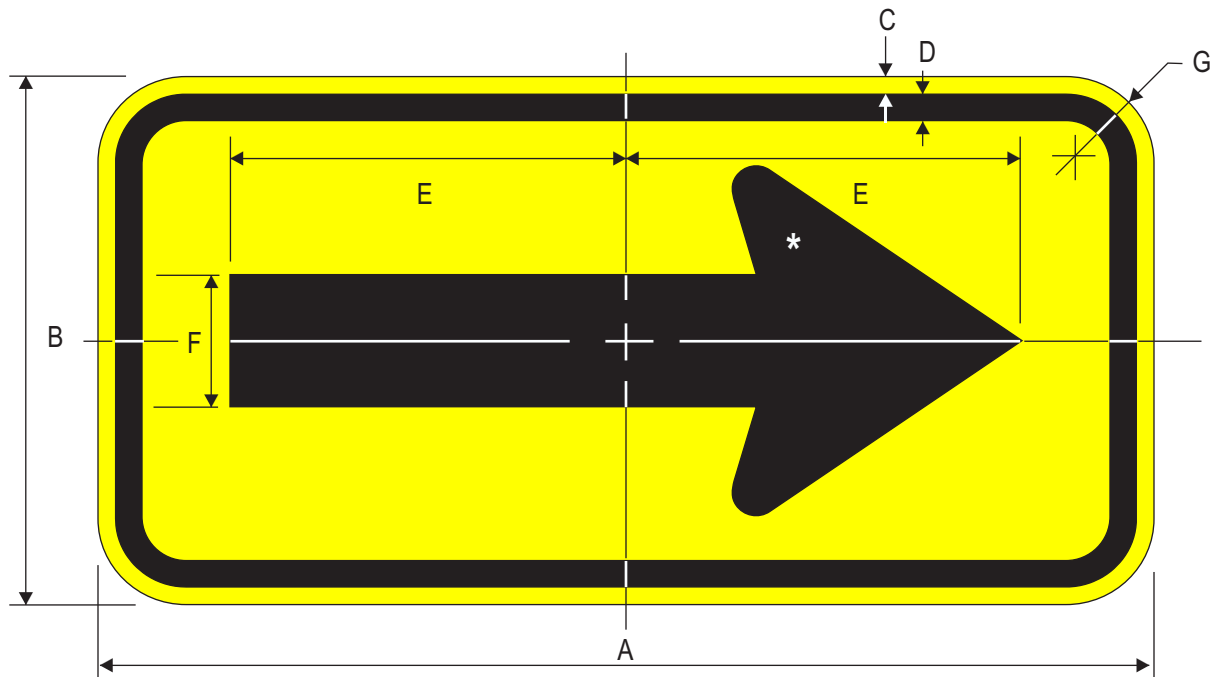
W1-5R
WINDING ROAD

*See page 6-2 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M
18	.375	.625	1	9.625	.375	2.5	.625	3	1	4	4
24	.375	.625	1.25	12.75	.5	3.25	.875	4.125	1.25	5.188	5.25
30	.5	.75	1.563	15.938	.625	4.063	1.094	5.156	1.563	6.484	9.563
36	.625	.875	1.875	19.125	.75	4.875	1.313	6.188	1.875	7.781	7.875
48	.75	1.25	2.5	25.5	1	6.5	1.75	8.25	2.5	10.375	10.5

N	P	Q	R	S
8.625	.25	2	1.25	1.5
11.375	.25	2.5	1.598	1.5
14.219	.313	3.125	2	1.875
17.063	.375	3.75	2.406	2.25
22.75	.5	5	3.188	3

COLORS: LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)



W1-6R
DIRECTION LARGE ARROW



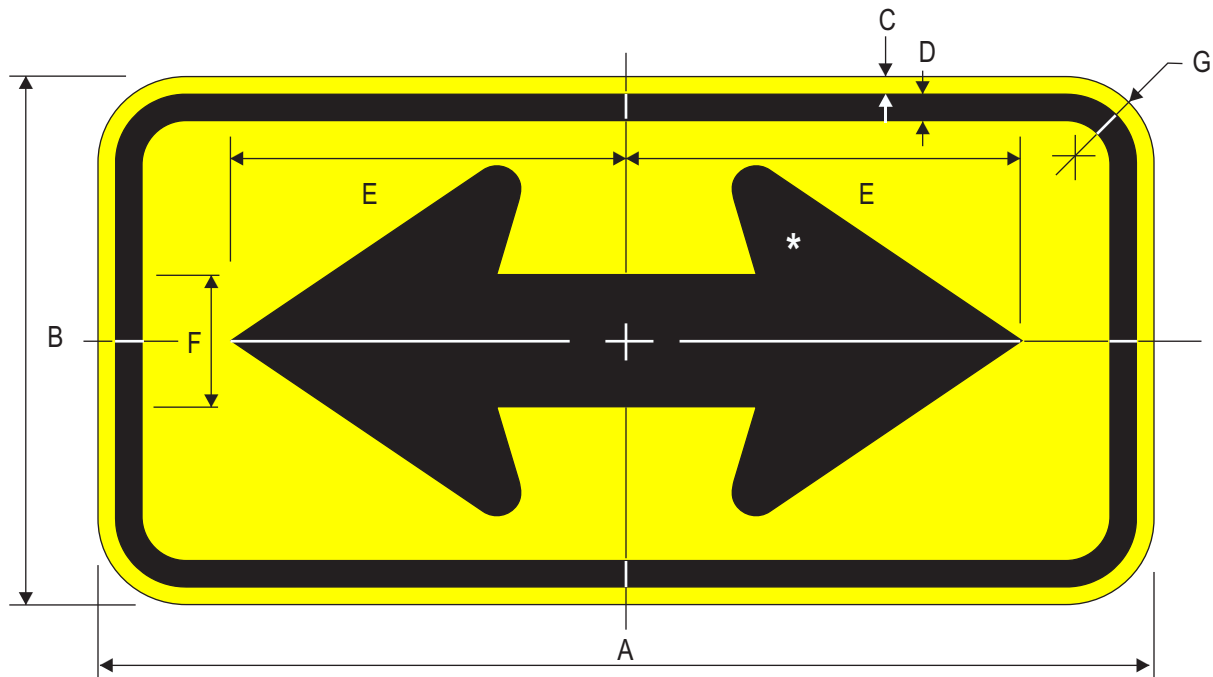
W1-6L

*See page 6-2 for arrow design.

A	B	C	D	E	F	G
24	12	.375	.625	9.625	3.25	1.5
36	18	.375	.625	14.625	5	1.5
48	24	.5	.75	19.5	6.5	1.875
60	30	.625	.875	24.375	8	2.25
96	48	.75	1.25	39	13	3

WARNING SIGN
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W1-7

TWO DIRECTION LARGE ARROW

*See page 6-2 for arrow design.

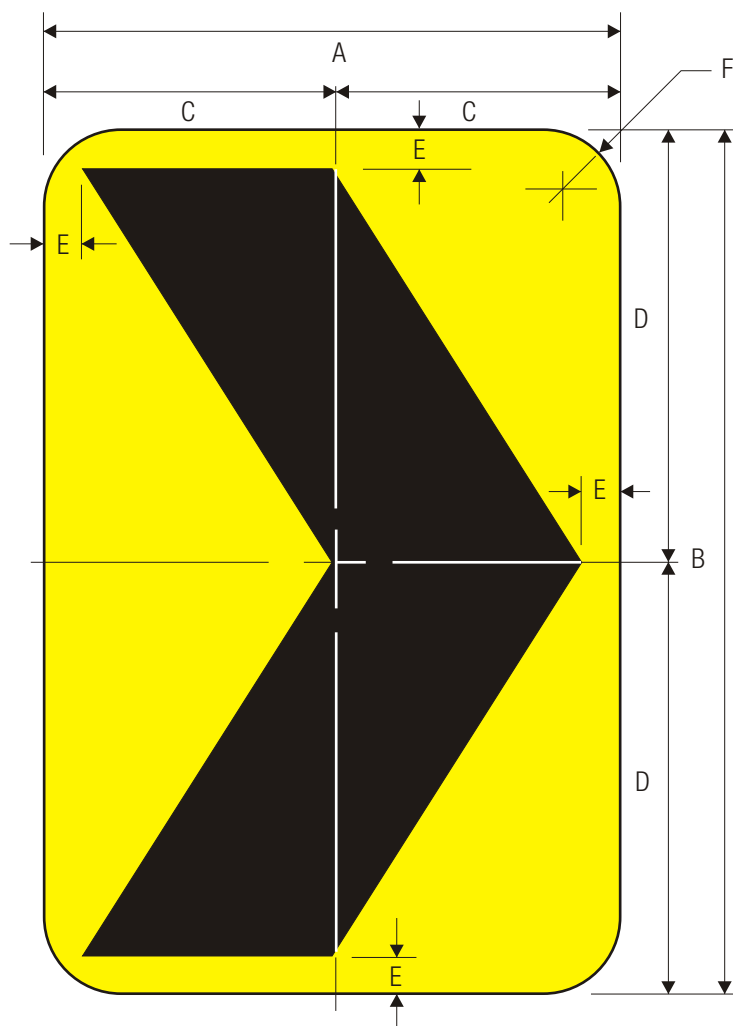
A	B	C	D	E	F	G
24	12	.375	.625	10.375	3.25	1.5
36	18	.375	.625	15.625	5	1.5
48	24	.5	.75	20.5	6.5	1.875
60	30	.625	.875	25.375	8	2.25
96	48	.75	1.25	41	13	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

MI



W1-8L



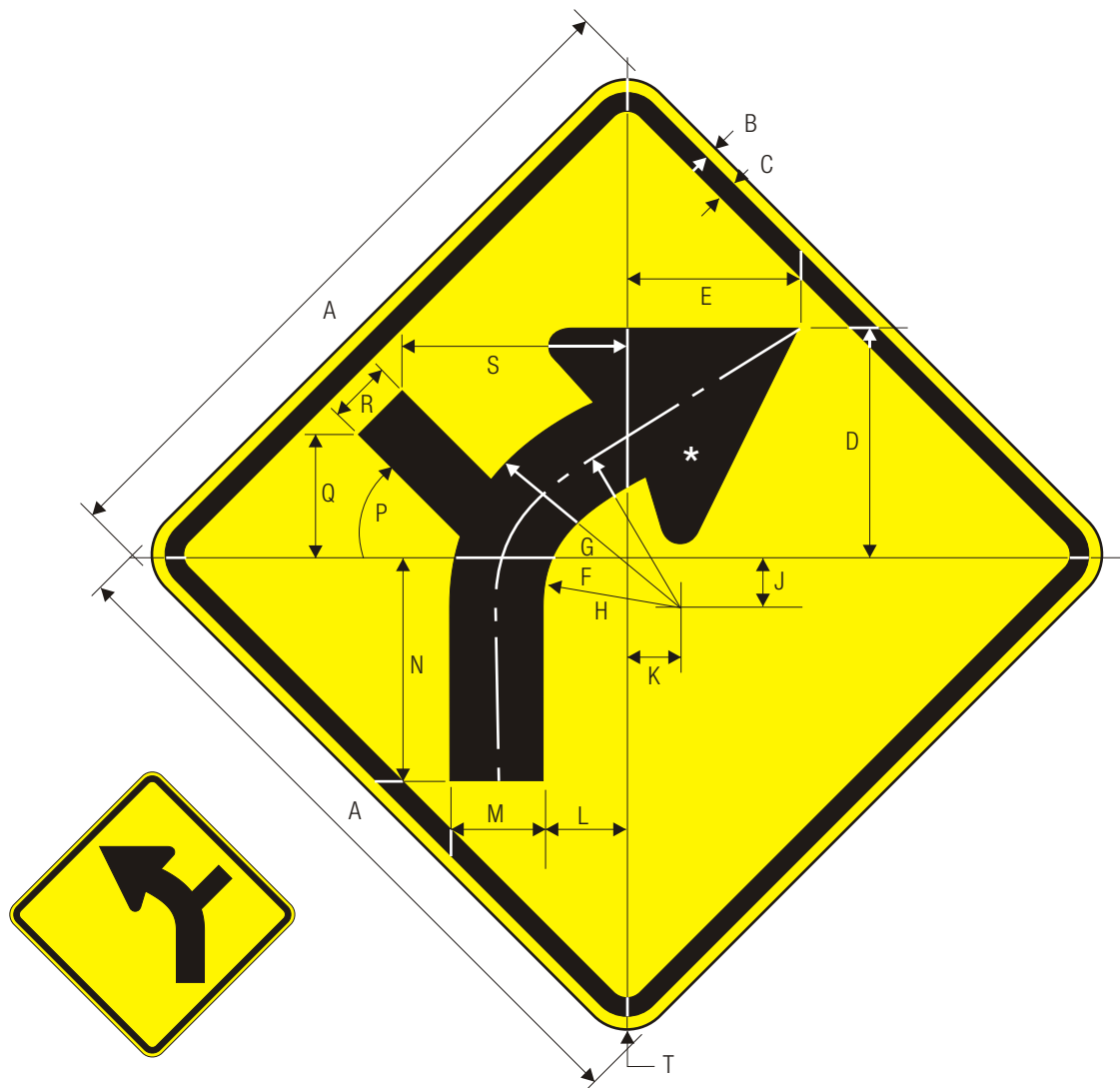
W1-8R
CHEVRON ALIGNMENT

C

A	B	C	D	E	F
12	18	6	9	.5	1.5
18	24	9	12	.75	1.5
24	30	12	15	.875	1.5
30	36	15	18	1	1.875
36	48	18	24	1.125	2.25

WARNING SIGN COLORS:
LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:
LEGEND — BLACK
BACKGROUND— ORANGE (RETROREFLECTIVE)



W1-10L

W1-10R

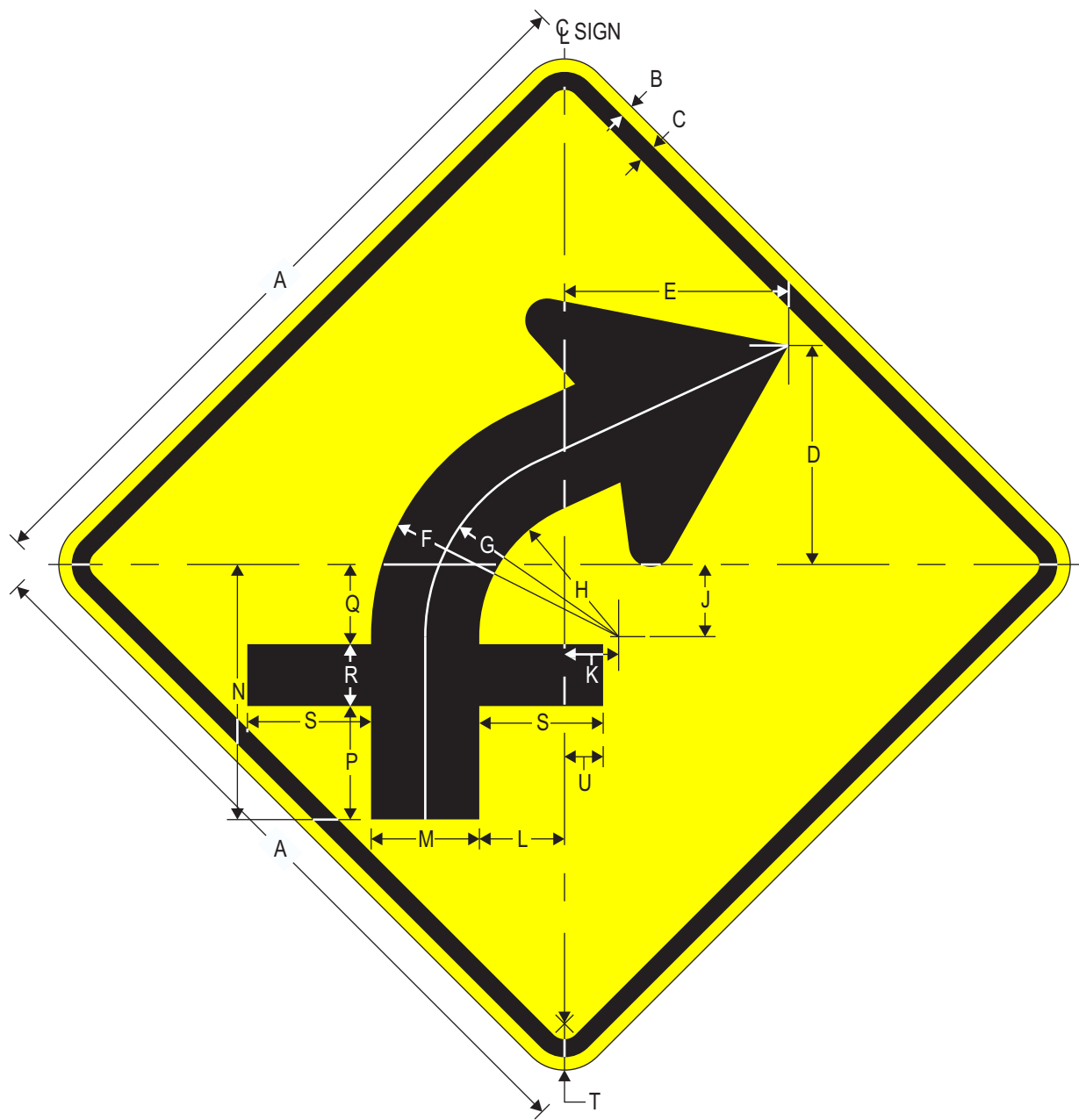
HORIZONTAL ALIGNMENT

See page 6-2 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M
18	.375	.625	5.844	4.523	5.844	4.643	3.442	1.361	1.401	2.121	2.401
24	.375	.625	7.285	5.604	7.285	5.784	4.283	1.721	1.761	2.601	3
30	.5	.75	9.727	7.525	9.807	7.805	5.804	2.241	2.321	3.482	4
36	.625	.875	12.169	9.367	12.209	9.707	7.205	2.842	2.922	4.363	5
48	.75	1.25	17	13.129	17	13.510	10	3.963	4.083	6.084	7

N	P	Q	R	S	T
5.844	45°	3.082	1.601	5.764	1.5
7.285	45°	4.123	2	7.685	1.5
9.727	45°	5.163	2.601	9.607	1.875
12.169	45°	6.204	3	11.528	2.25
17	45°	8.286	4	15.371	3

COLORS: LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)



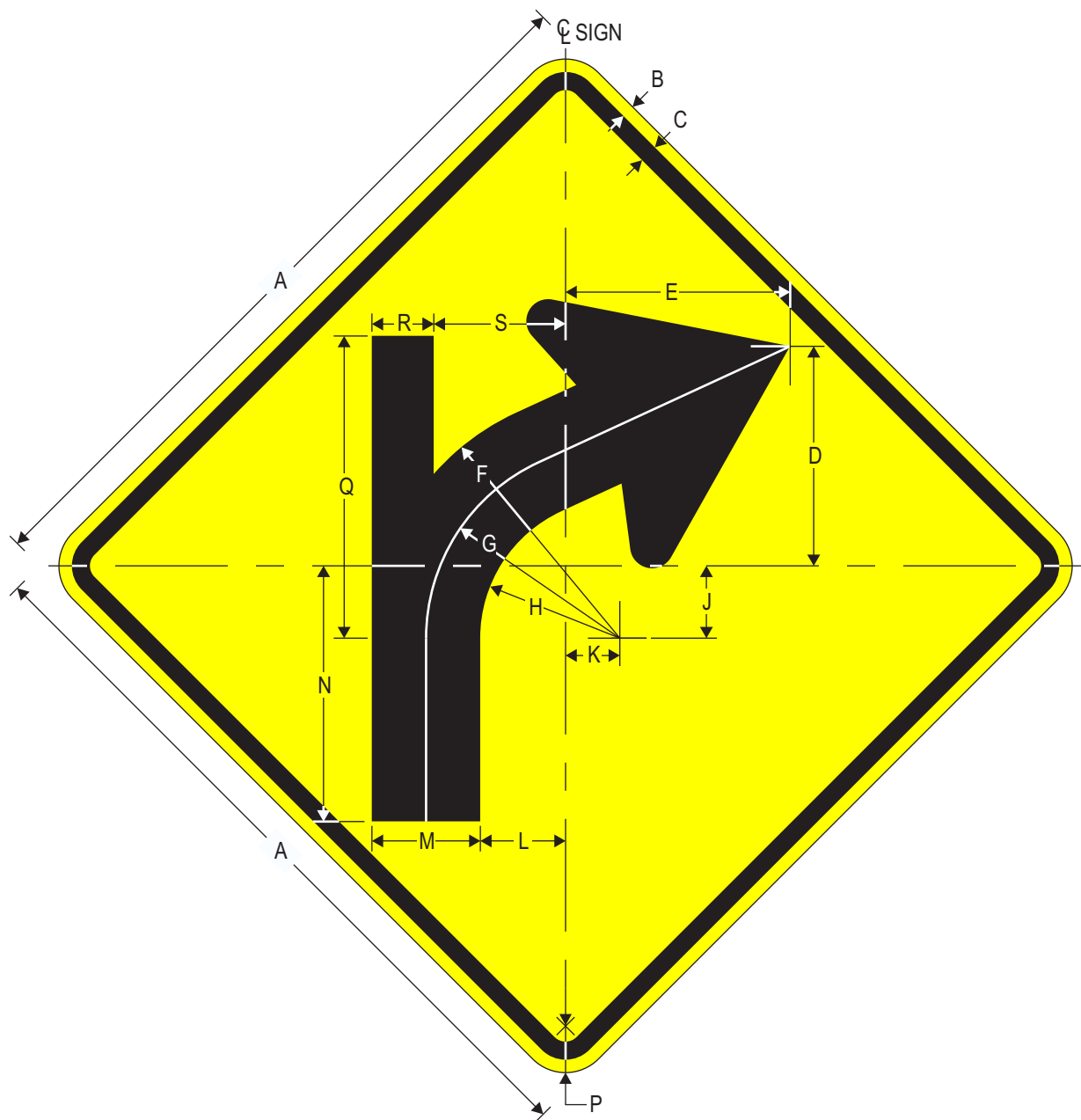
W1-10a

COMBINATION HORIZONTAL ALIGNMENT (CURVE)/CROSS ROAD

A	B	C	D	E	F	G	H	J	K	L	M	N	P
36	0.625	0.875	10.625	10.875	12	9.375	6.75	3.5	2.625	4.125	5.25	12.375	5.5
48	0.75	1.25	14.167	14.5	16	12.5	9	4.667	3.5	5.5	7	16.5	7.333

Q	R	S	T	U
3.875	3	6	2.25	1.875
5.167	4	8	3	2.5

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



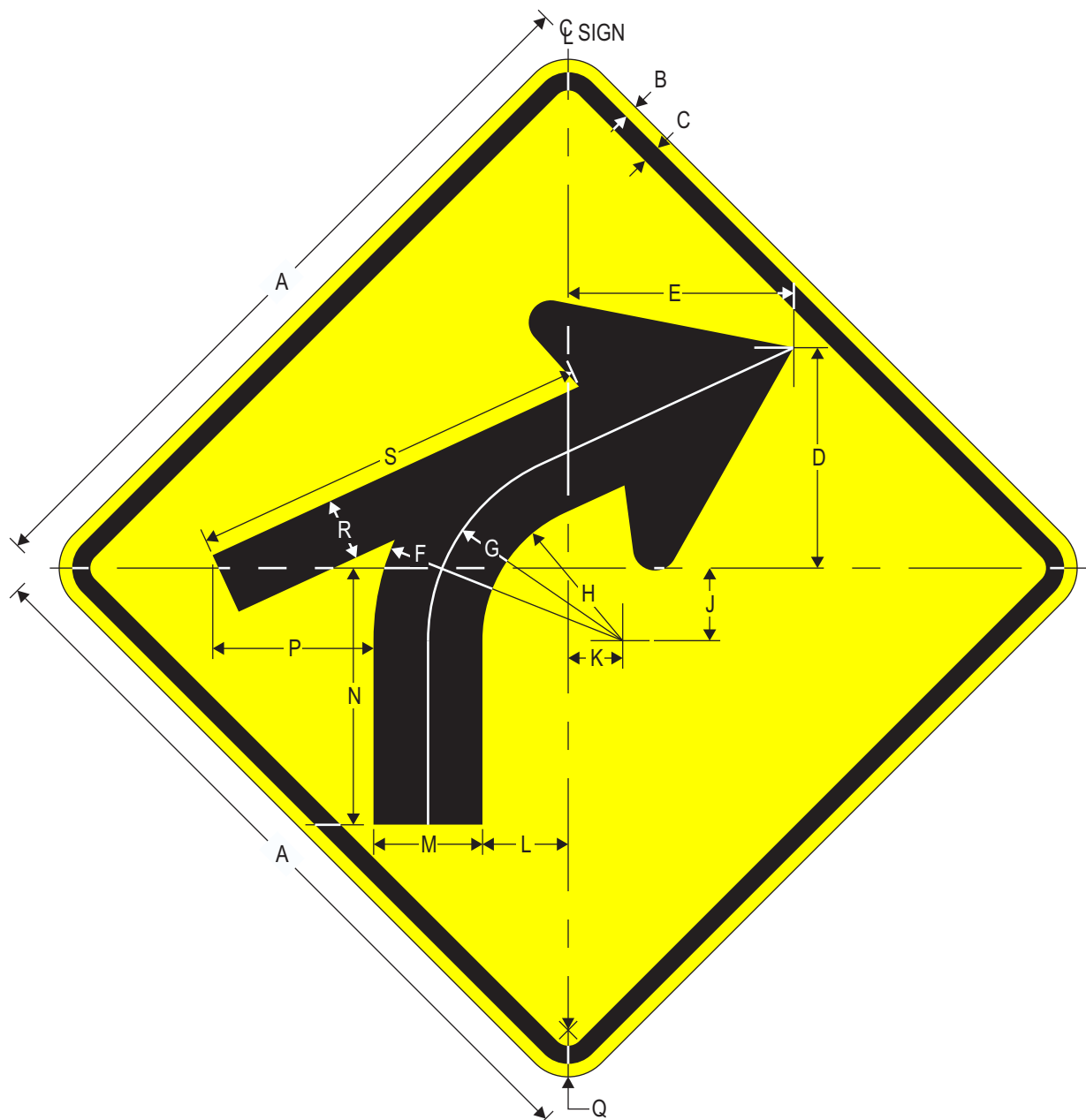
W1-10b

COMBINATION HORIZONTAL ALIGNMENT (CURVE)/FORK

A	B	C	D	E	F	G	H	J	K	L	M	N	P
36	0.625	0.875	10.625	10.875	12	9.375	6.75	3.5	2.625	4.125	5.25	12.375	2.25
48	0.75	1.25	14.167	14.5	16	12.5	9	4.667	3.5	5.5	7	16.5	3

Q	R	S
14.625	3	6.375
19.5	4	8.5

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



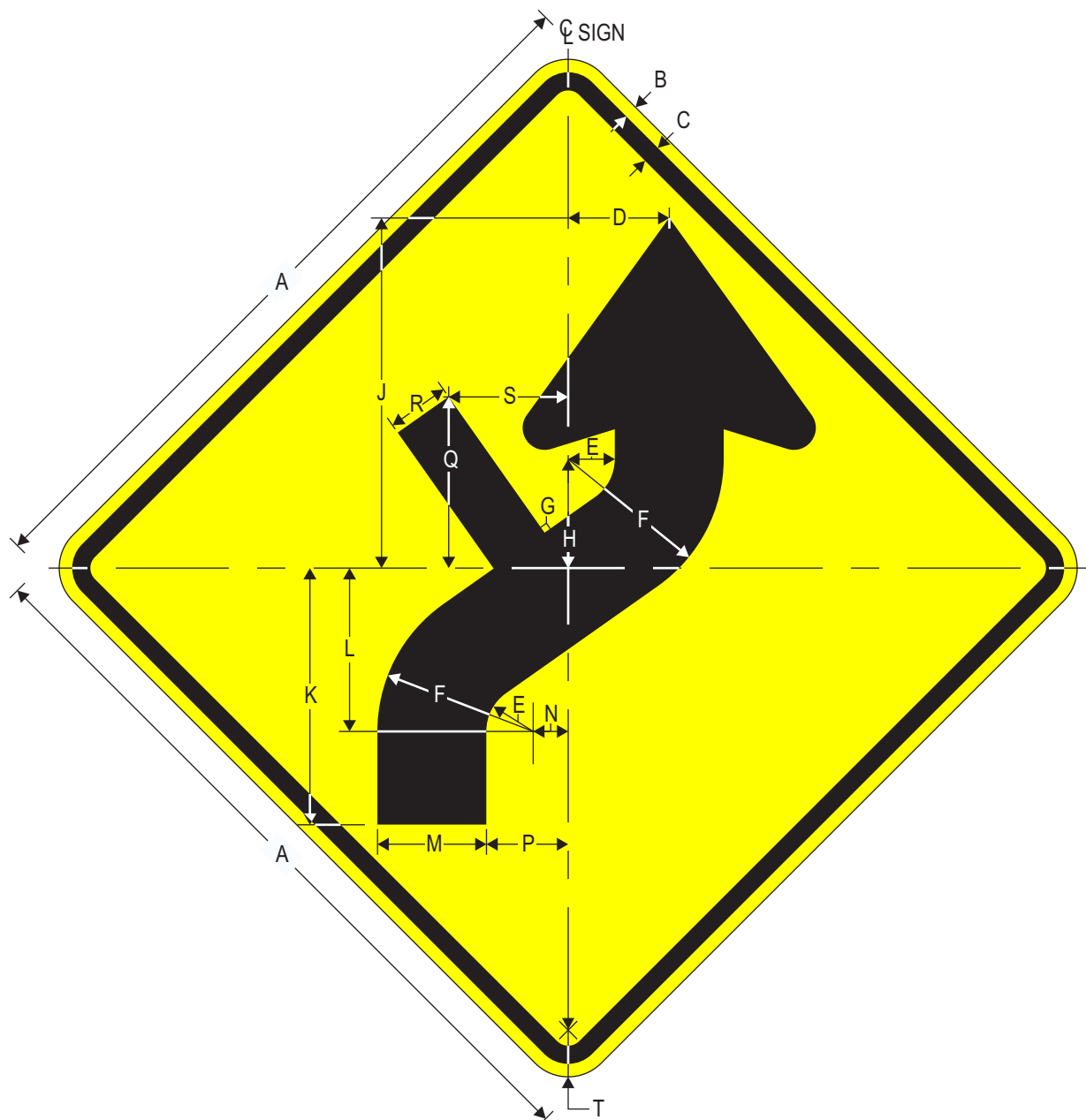
W1-10c

COMBINATION HORIZONTAL ALIGNMENT (CURVE)/SKEWED SIDE ROAD

A	B	C	D	E	F	G	H	J	K	L	M	N	P
36	0.625	0.875	10.625	10.875	12	9.375	6.75	3.5	2.625	4.125	5.25	12.375	7.75
48	0.75	1.25	14.167	14.5	16	12.5	9	4.667	3.5	5.5	7	16.5	10.333

Q	R	S
2.25	3	19.431
3	4	25.908

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



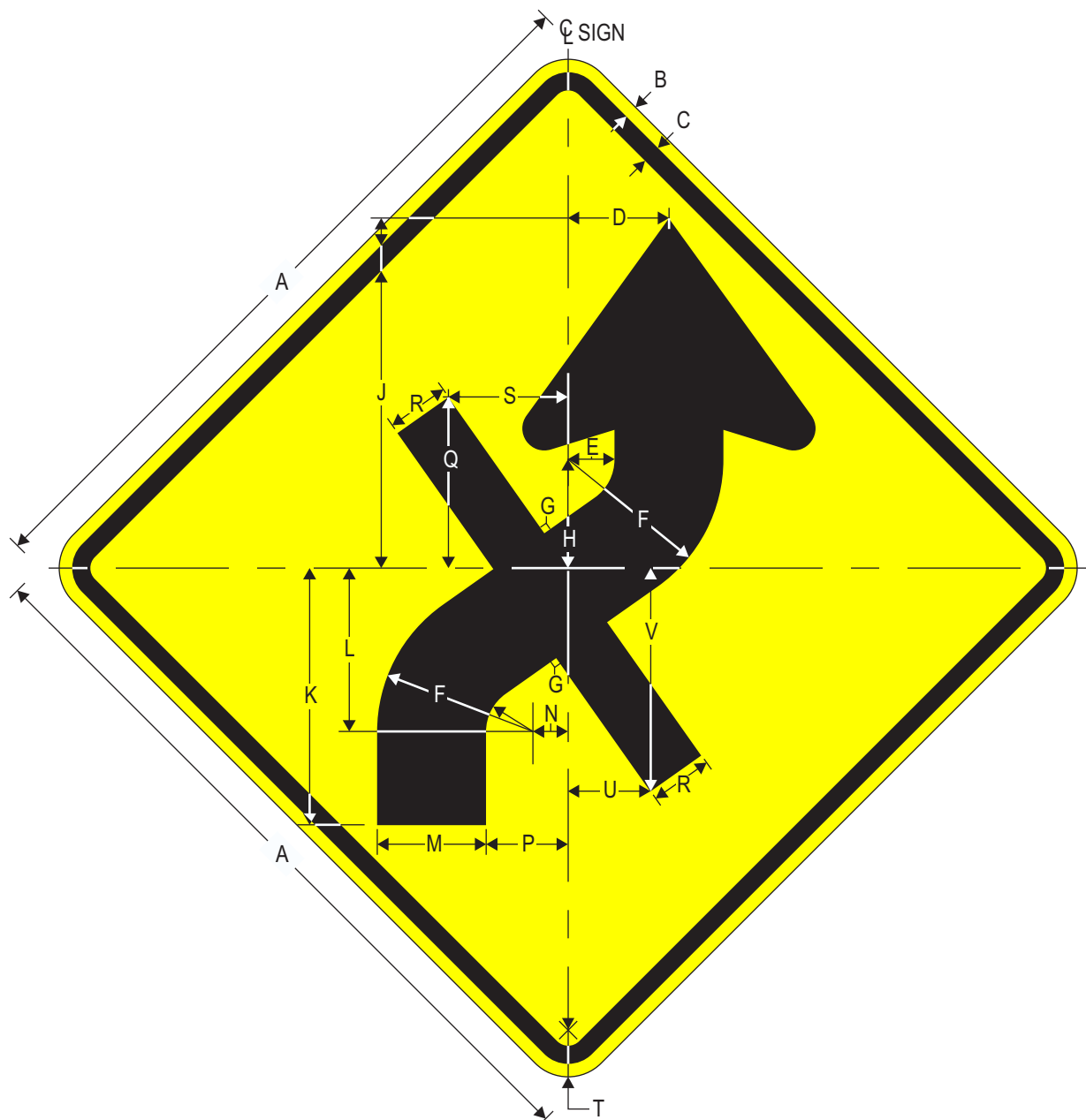
W1-10d

COMBINATION HORIZONTAL ALIGNMENT (REVERSE CURVE)/SIDE ROAD

A	B	C	D	E	F	G	H	J	K	L	M	N	P
36	0.625	0.875	4.875	2.25	7.5	90°	5.25	16.875	12.375	7.875	5.25	1.688	3.938
48	0.75	1.25	6.5	3	10	90°	7	22.5	16.5	10.5	7	2.25	5.25

Q	R	S	T
8.25	3	5.757	2.25
11	4	7.676	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



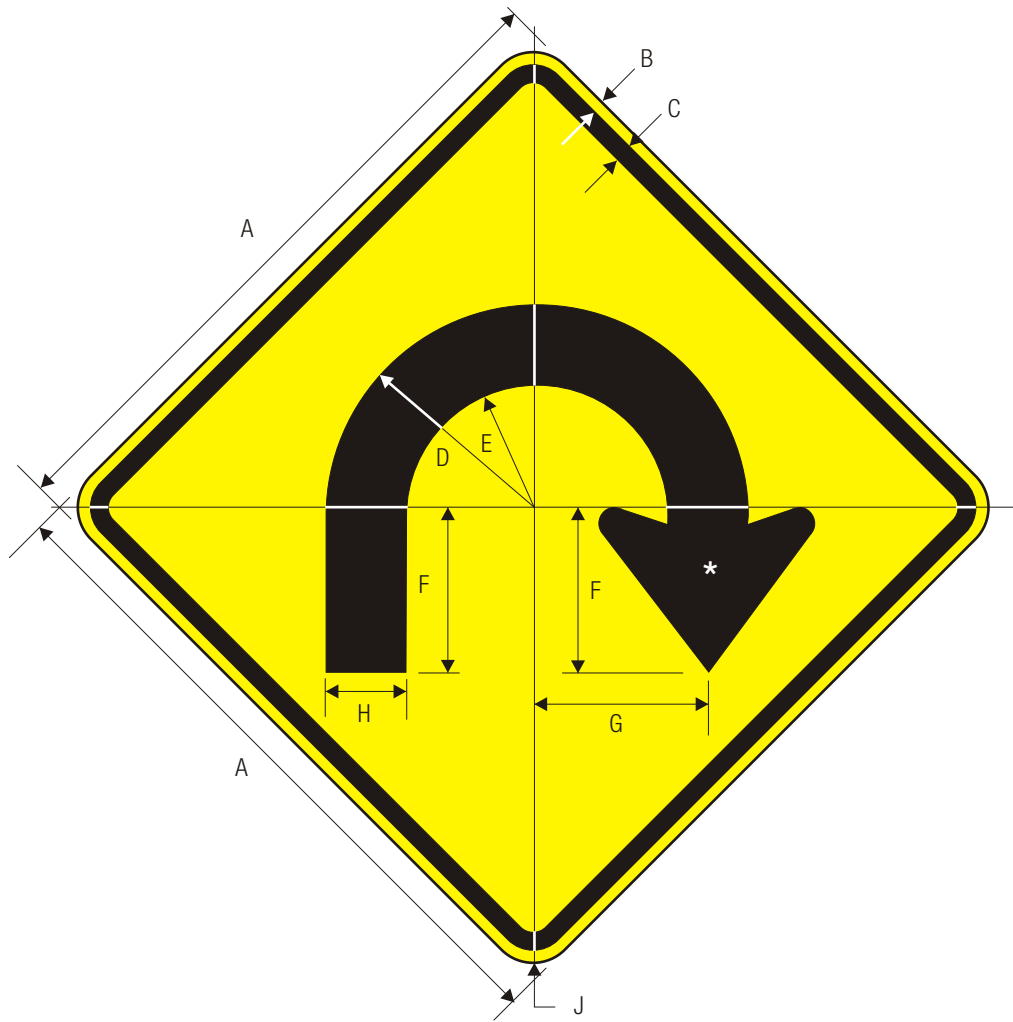
W1-10e

COMBINATION HORIZONTAL ALIGNMENT (REVERSE CURVE)/CROSS ROAD

A	B	C	D	E	F	G	H	J	K	L	M	N	P
36	0.625	0.875	4.875	2.25	7.5	90°	5.25	16.875	12.375	7.875	5.25	1.688	3.938
48	0.75	1.25	6.5	3	10	90°	7	22.5	16.5	10.5	7	2.25	5.25

Q	R	S	T	U	V
8.25	3	5.757	2.25	3.981	10.75
11	4	7.676	3	5.308	14.333

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W1-11

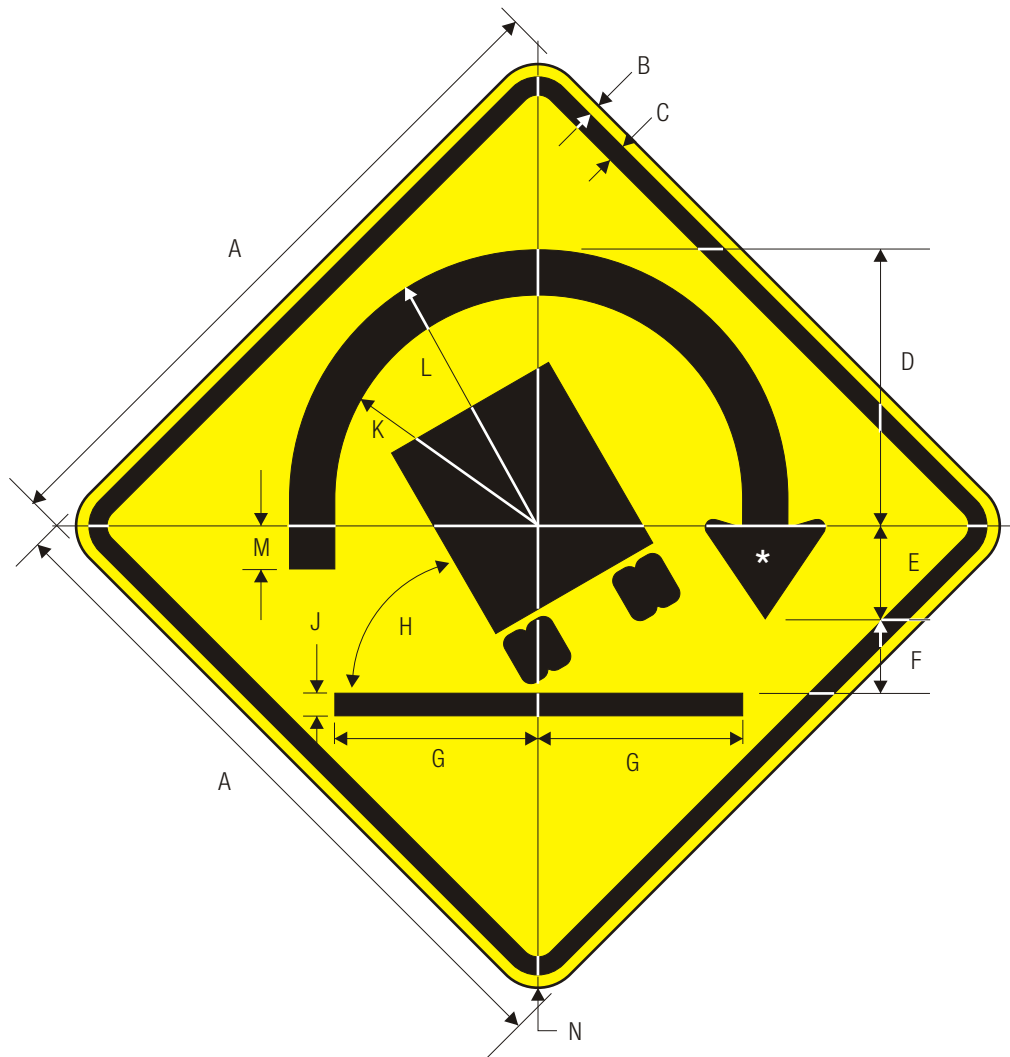
HAIRPIN CURVE

*See page 6-2 for symbol design.

**Optically position numerals.

C	A	B	C	D	E	F	G	H	J
	30	.5	.75	9.407	5.804	7.365	7.845	3.603	1.875
	36	.625	.875	11.288	6.965	8.846	9.407	4.323	2.25
	48	.75	1.25	15.051	9.287	11.768	12.569	5.764	3

COLORS: LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)



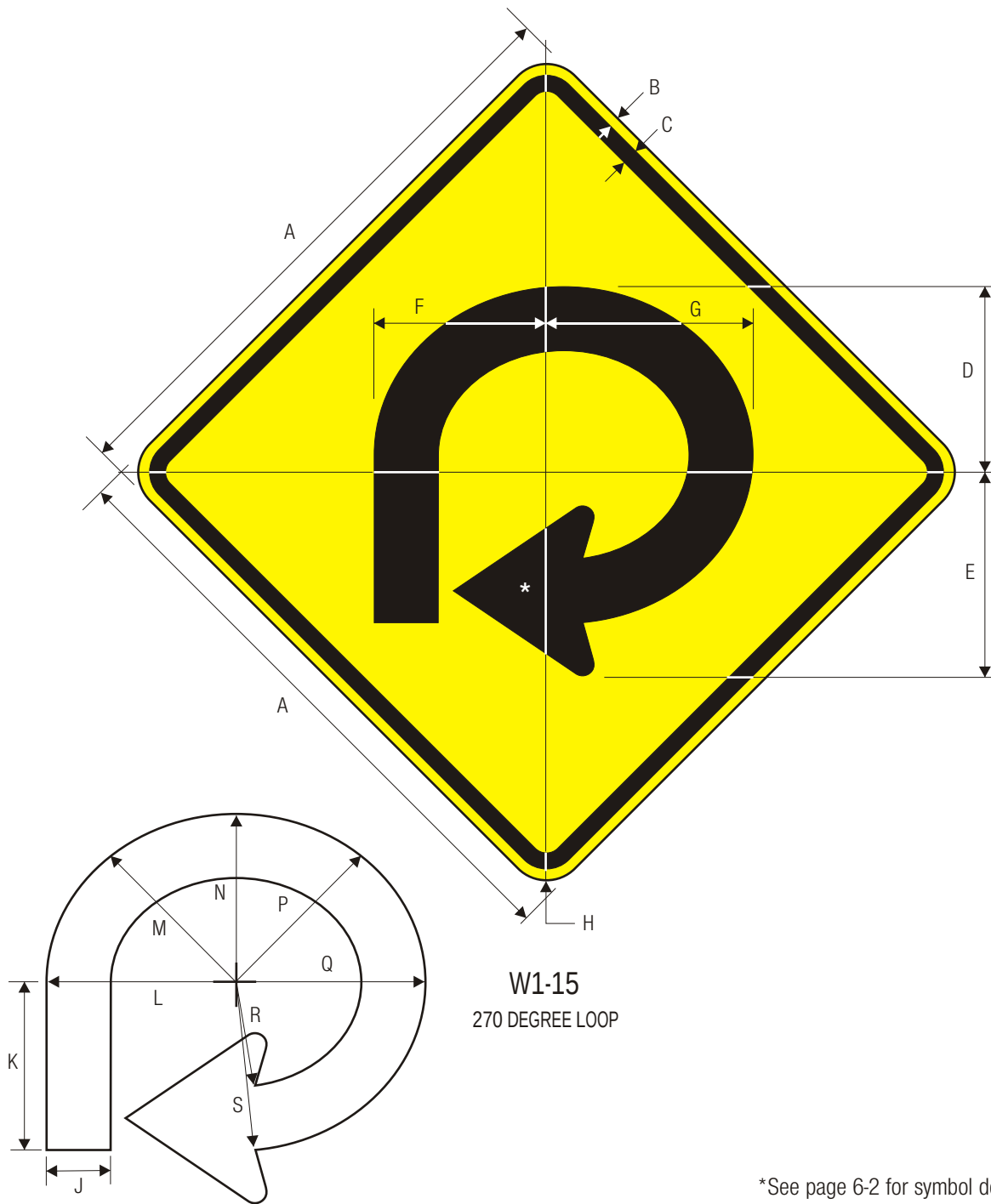
W1-13

TRUCK ROLLOVER

*See page 6-2 and 6-62 for symbol design.

	A	B	C	D	E	F	G	H	J	K	L	M	N
C	30	.5	.75	12.209	4.123	3.322	9.046	60°	.960	10.207	12.209	1.921	1.875
	36	.625	.875	14.651	4.963	4	10.848	60°	1.160	12.249	14.651	2.321	2.25
	48	.75	1.25	19.534	6.605	5.324	14.491	60°	1.521	16.332	19.534	3.082	3

COLORS: SYMBOL — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)



W1-15
270 DEGREE LOOP

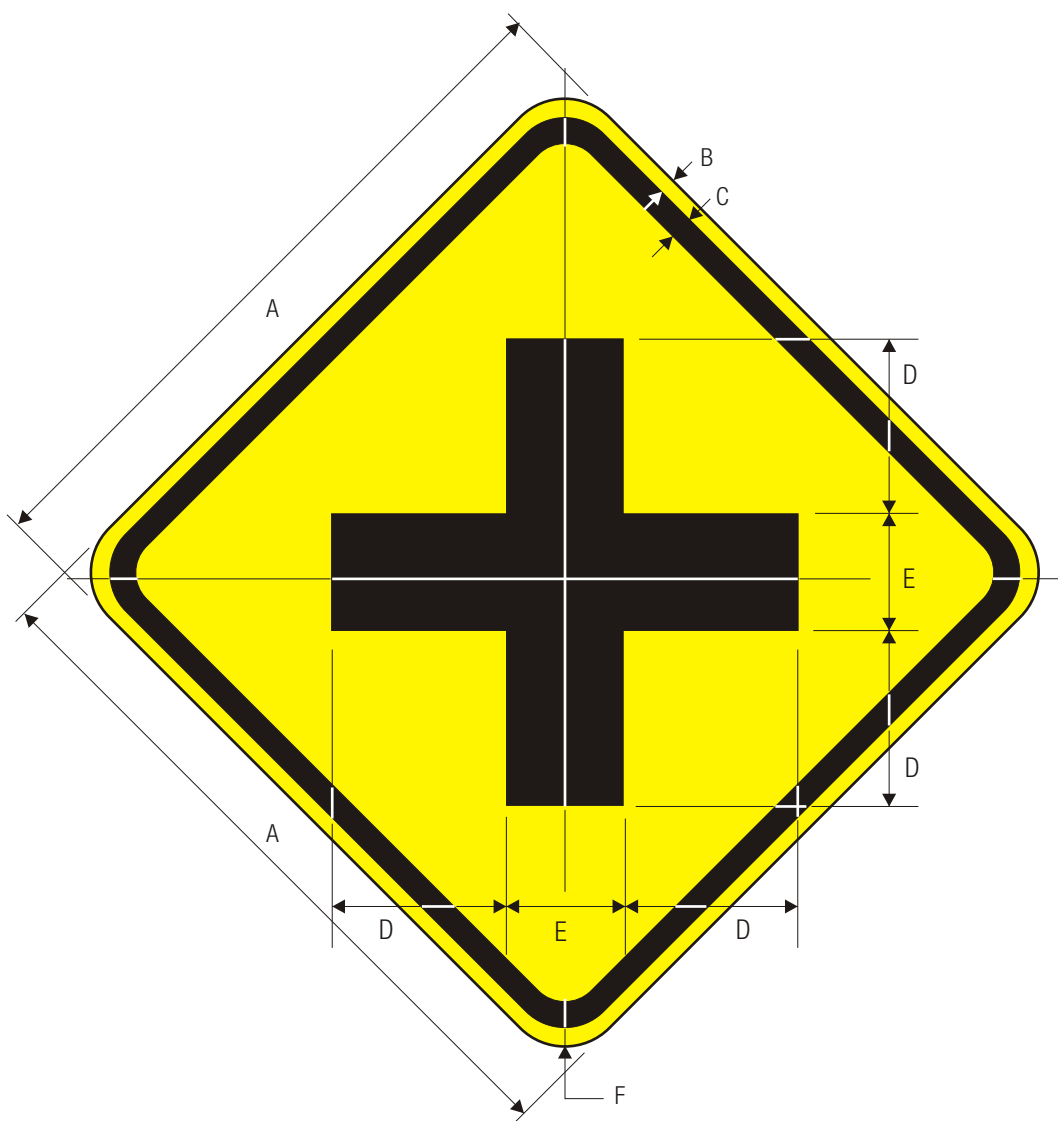
*See page 6-2 for symbol design.

C

A	B	C	D	E	F	G	H	J	K	L	M
30	.5	.75	9.287	10.167	8.606	10.327	1.875	3.202	8.406	9.447	8.966
36	.625	.875	11.128	12.209	10.327	12.409	2.25	3.842	10.087	11.328	10.768
48	.75	1.25	14.851	16.252	13.770	16.532	3	5.123	13.450	15.131	14.330

N	P	Q	R	S
8.366	8.966	9.447	5.284	8.486
10.047	10.768	11.328	6.324	10.167
13.370	14.330	15.131	8.446	13.570

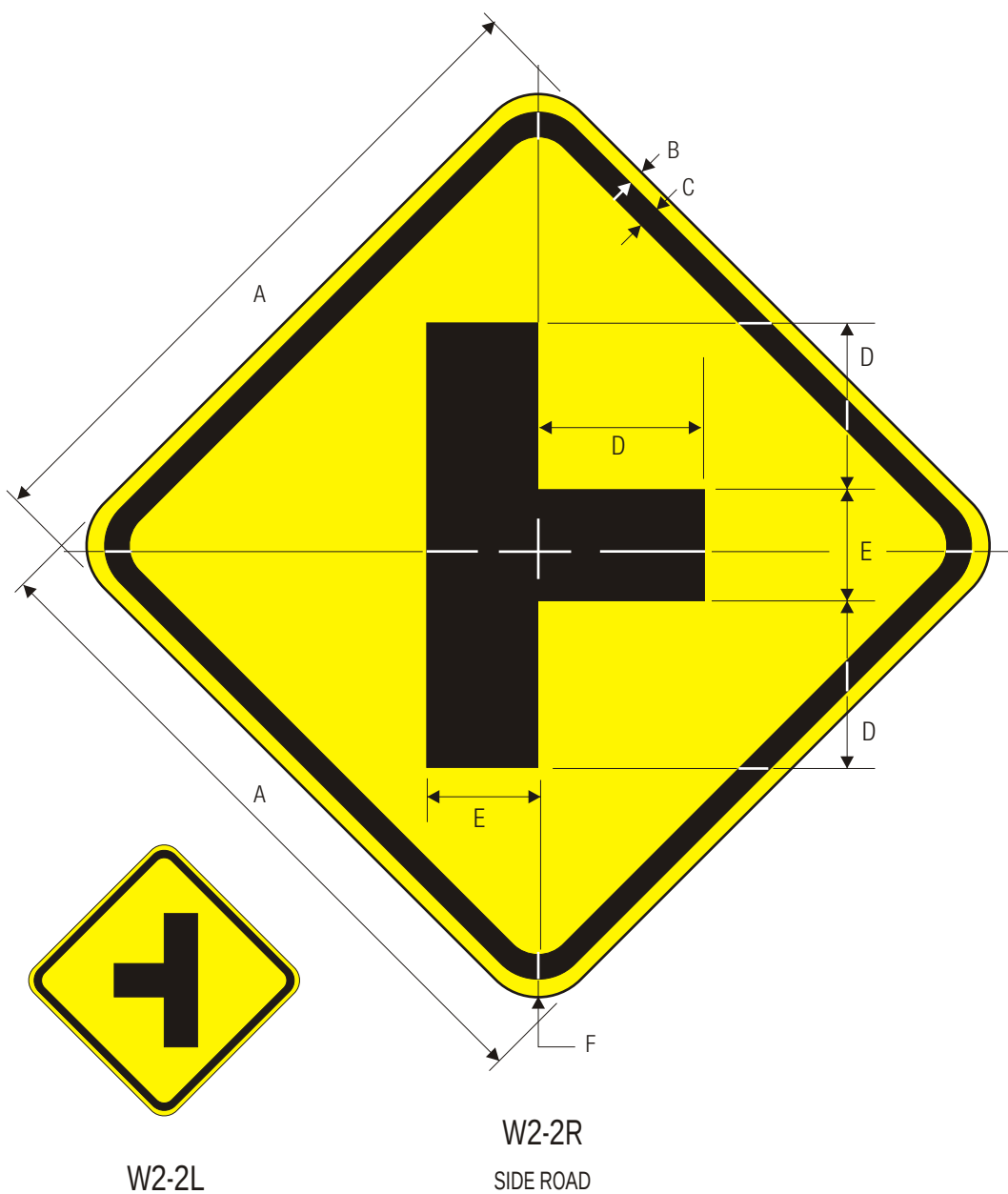
COLORS: LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)



W2-1
CROSS ROAD

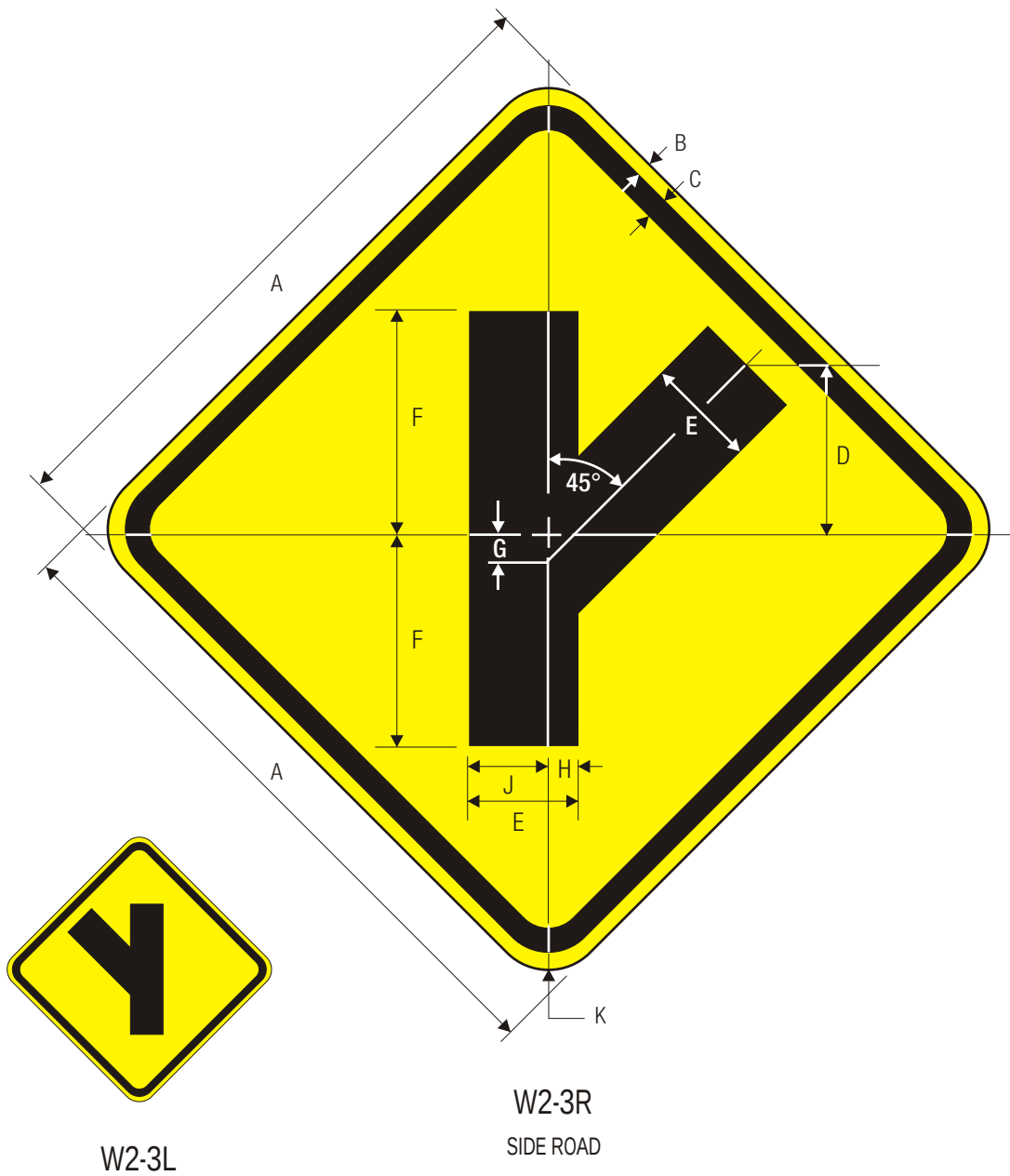
	A	B	C	D	E	F
	18	.375	.625	6	3	1.5
	24	.375	.625	8	4	1.5
C	30	.5	.75	10	5	1.875
	36	.625	.875	12	6	2.25
	48	.75	1.25	16	8	3

COLORS: LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)



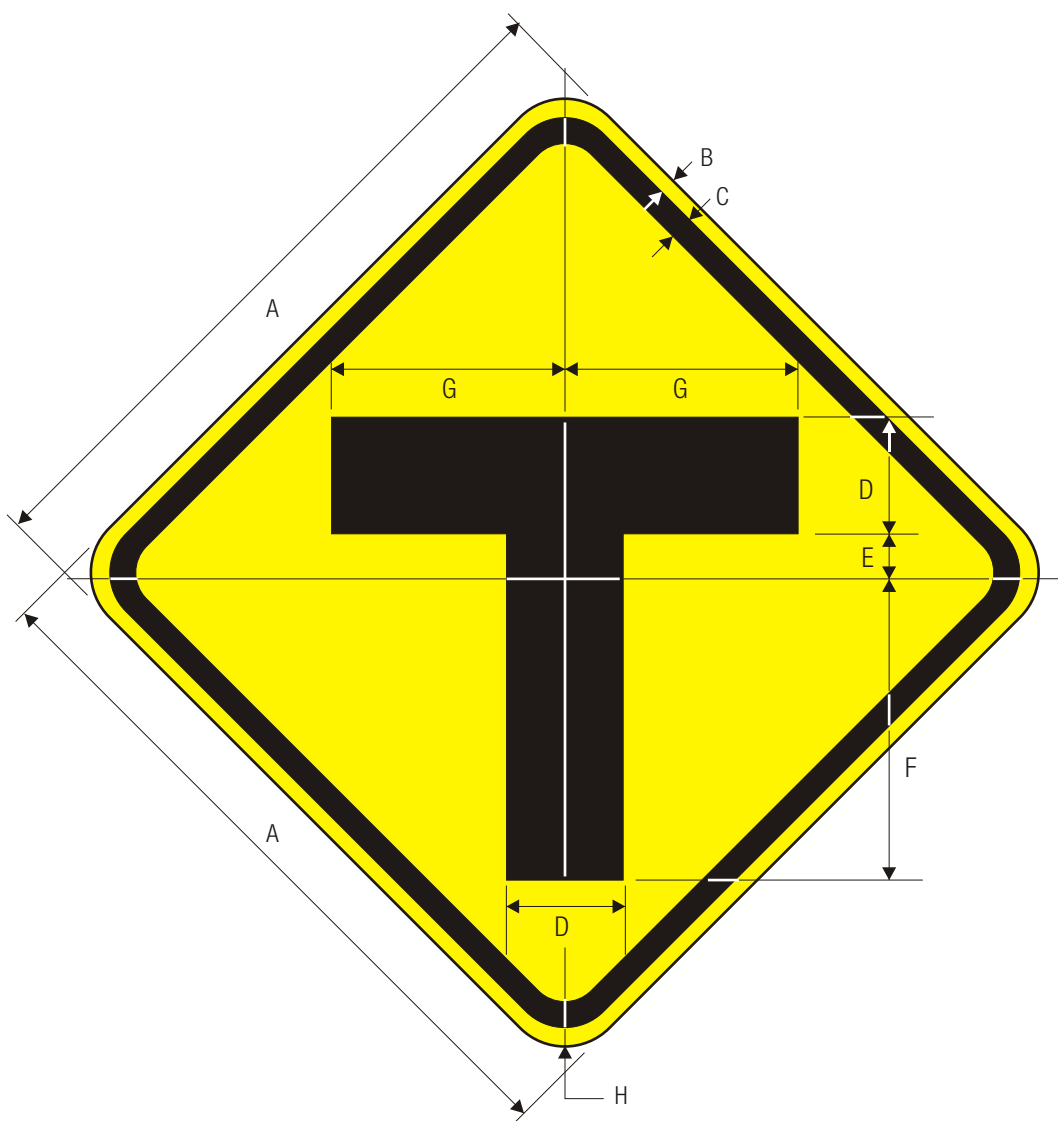
	A	B	C	D	E	F
	18	.375	.625	6	3	1.5
	24	.375	.625	8	4	1.5
C	30	.5	.75	10	5	1.875
	36	.625	.875	12	6	2.25
	48	.75	1.25	16	8	3

COLORS: LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)



C	A	B	C	D	E	F	G	H	J	K
	18	.375	.625	5	3	7.75	.375	.75	2.25	1.5
	24	.375	.625	6.656	4	10	.563	1	3	1.5
	30	.5	.75	8.313	5	12.5	.688	1.25	3.75	1.875
	36	.625	.875	10	6	15	.844	1.5	4.5	2.25
	48	.75	1.25	13.313	8	20	1.125	2	6	3

COLORS: LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)

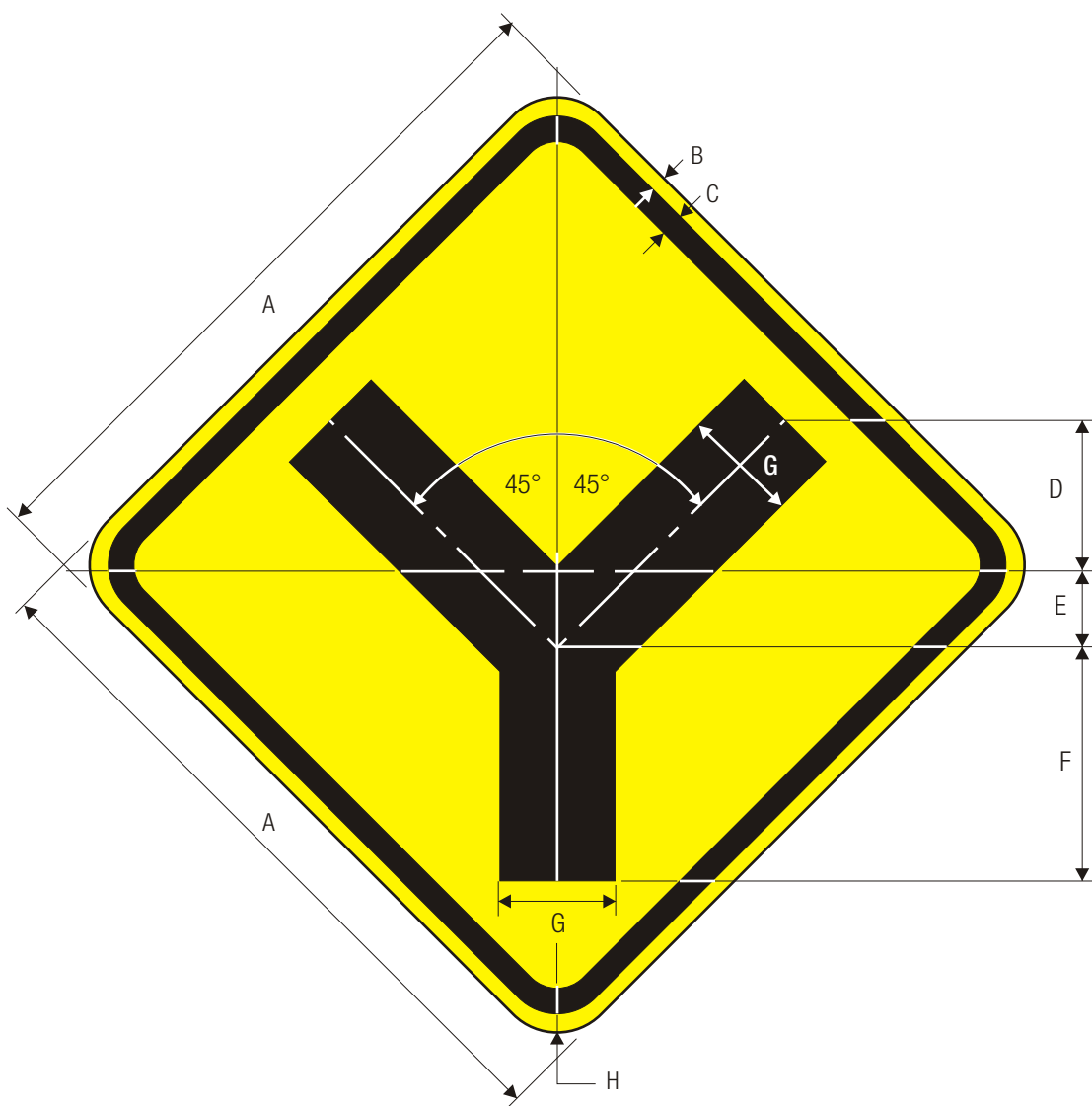


W2-4

T-SYMBOL

	A	B	C	D	E	F	G	H
	18	.375	.625	3	1.25	8.375	6.375	1.5
	24	.375	.625	4	1.5	11	8.5	1.5
C	30	.5	.75	5	1.875	13.75	10.625	1.875
	36	.625	.875	6	2.25	16.5	12.75	2.25
	48	.75	1.25	8	3	22	17	3

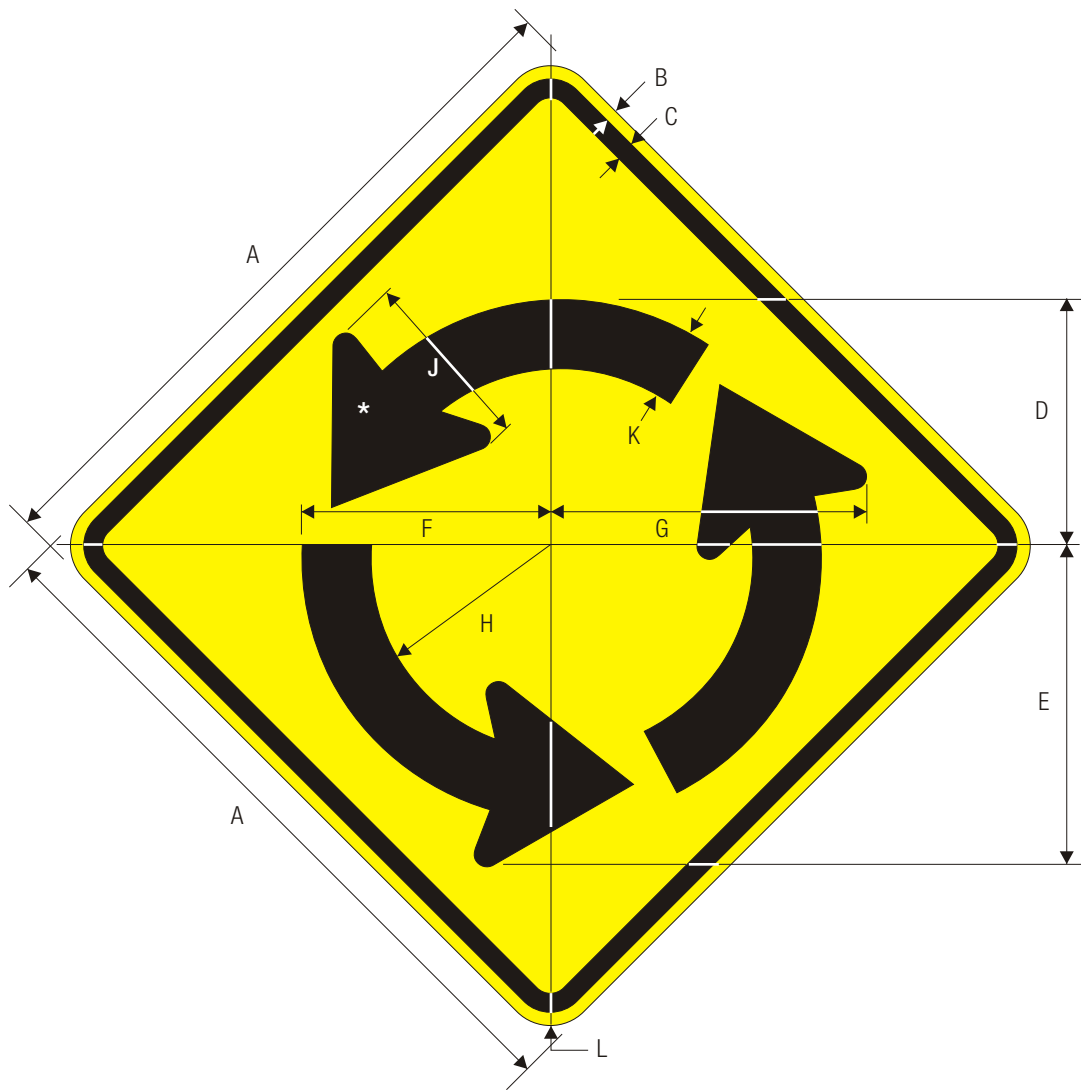
COLORS: LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)



W2-5
Y-SYMBOL

	A	B	C	D	E	F	G	H
	18	.375	.625	4.5	1.75	6.75	3	1.5
	24	.375	.625	5.906	2.406	9.094	4	1.5
C	30	.5	.75	7.375	3	11.375	5	1.875
	36	.625	.875	8.844	3.594	13.656	6	2.25
	48	.75	1.25	11.813	4.813	18.188	8	3

COLORS: LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)

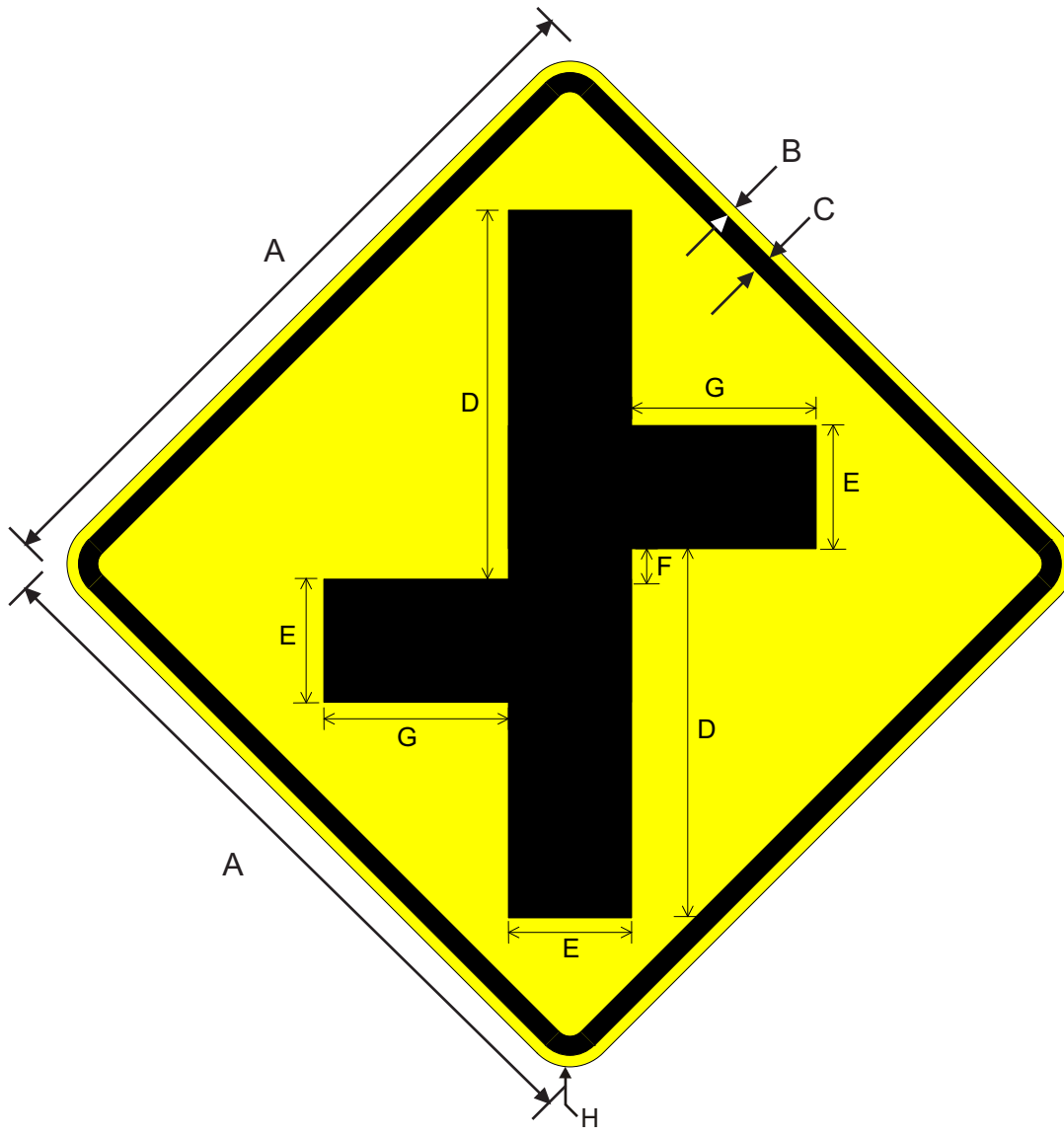


W2-6
CIRCULAR INTERSECTION

*See page 6-36 for symbol design.

A	B	C	D	E	F	G	H	J	K	L
24	.375	.625	8.406	10.808	8.406	10.848	6.028	6.18	2.378	1.5
30	.5	.75	10.487	13.490	10.487	13.570	7.549	7.725	2.938	1.875
36	.625	.875	12.569	16.172	12.569	16.292	9.043	9.27	3.526	2.25
48	.75	1.25	16.812	21.616	16.812	21.696	12.056	12.36	4.756	3

COLORS: SYMBOL — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)

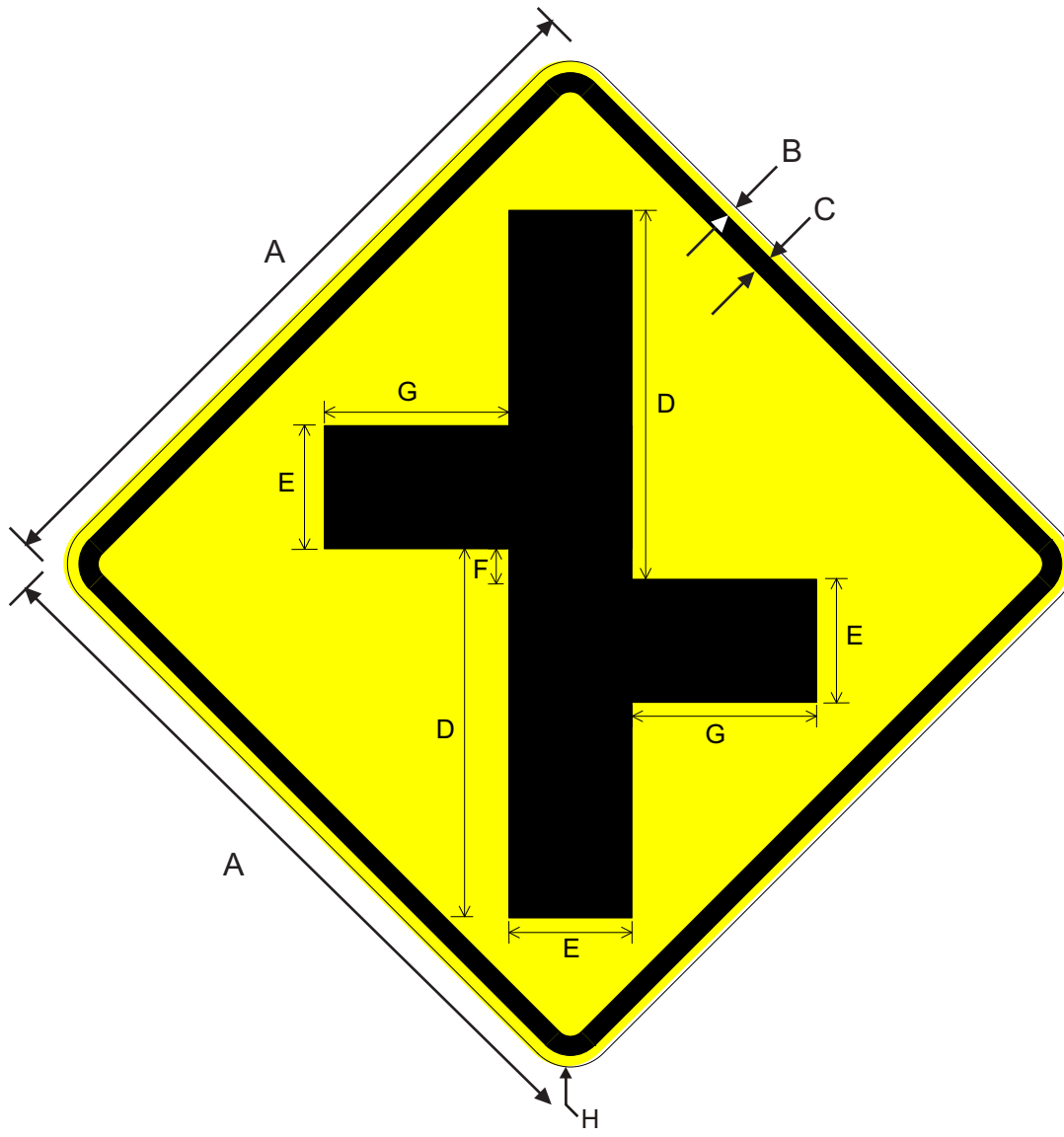


W2-7L

OFFSET INTERSECTION LEFT

A	B	C	D	E	F	G	H
24	.375	.625	8	3	1	6	1.5
30	.5	.75	10	5	1.25	7.5	1.875
36	.625	.875	12	6	1.5	9	2.25
48	.75	1.25	16	8	2	12	3

COLORS: LEGEND, — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)



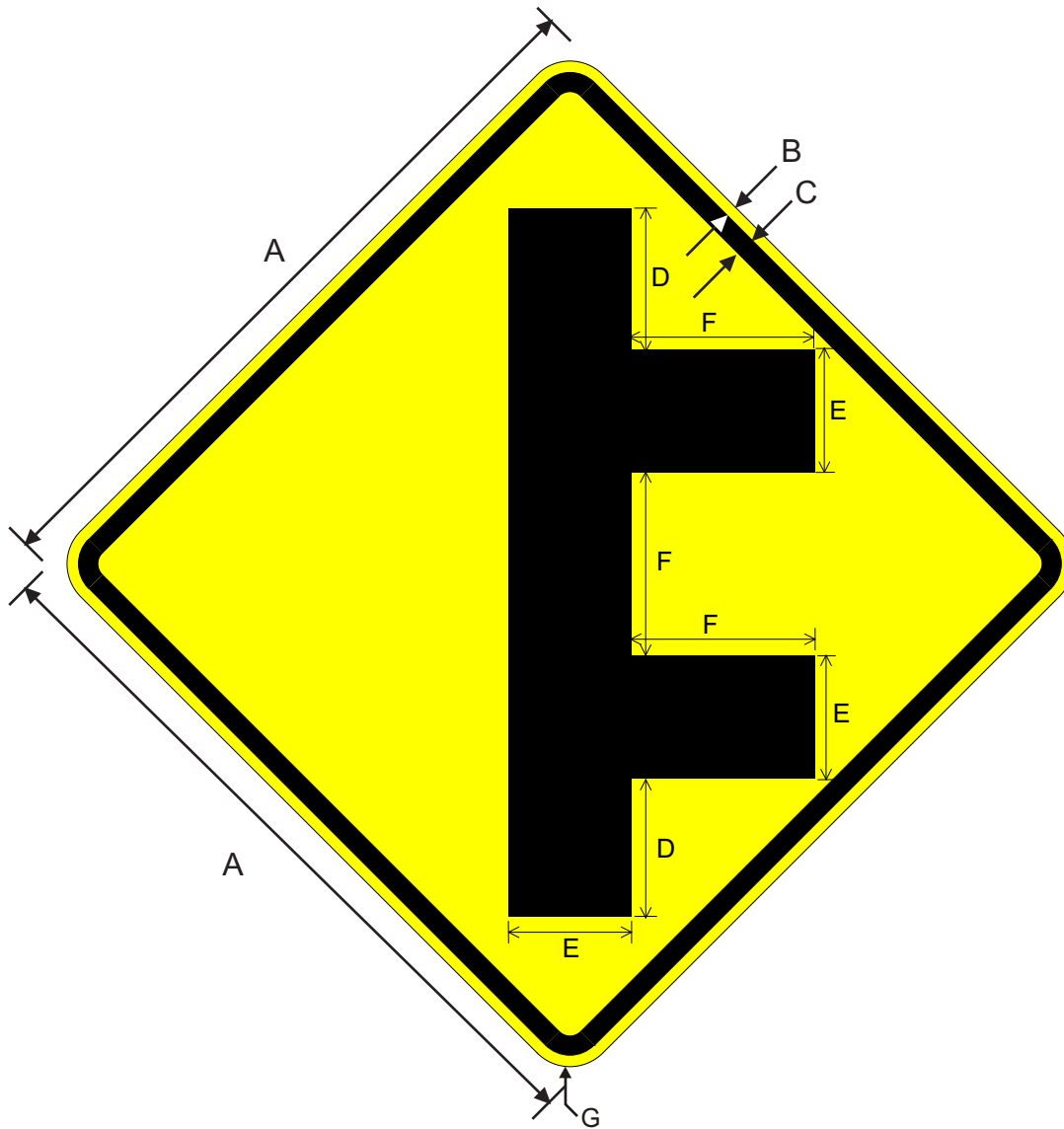
W2-7R

OFFSET INTERSECTION RIGHT

A	B	C	D	E	F	G	H
24	.375	.625	8	3	1	6	1.5
30	.5	.75	10	5	1.25	7.5	1.875
36	.625	.875	12	6	1.5	9	2.25
48	.75	1.25	16	8	2	12	3

COLORS: LEGEND, — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)

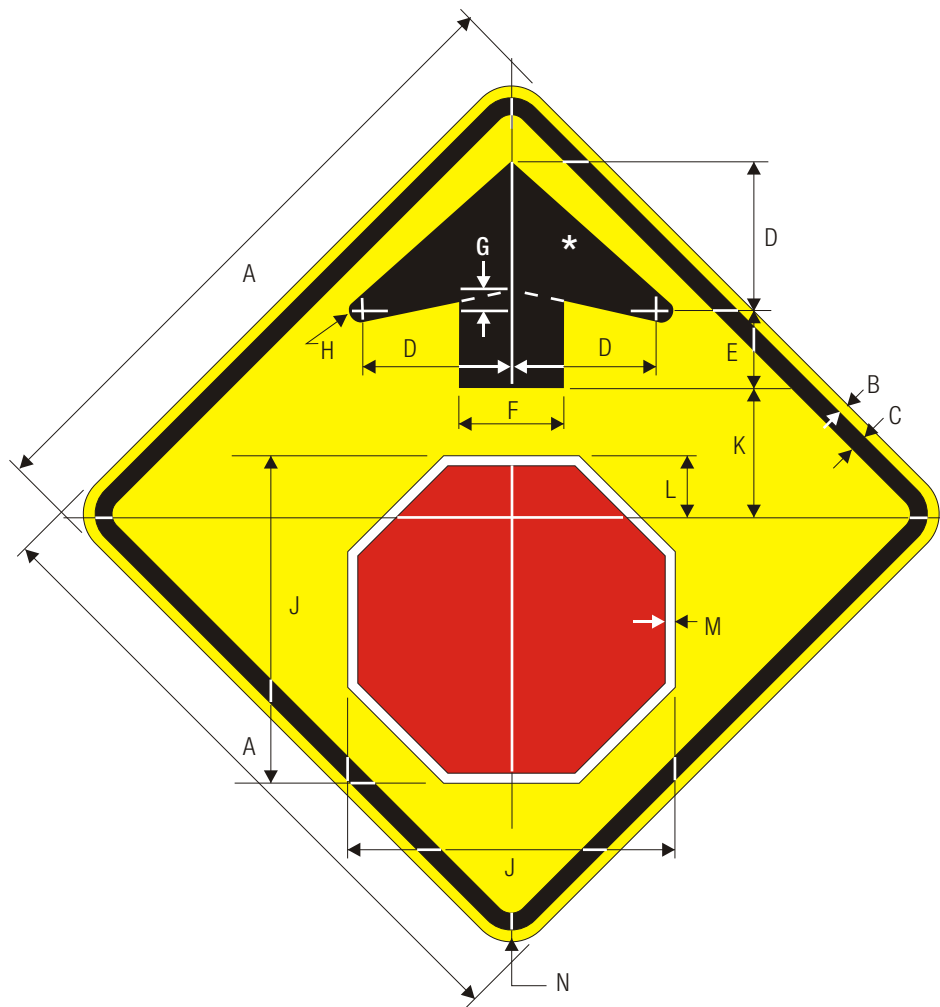
MI



W2-8R(L)
DOUBLE SIDE ROAD

A	B	C	D	E	F	G
24	.375	.625	4.5	7	6	1.5
30	.5	.75	5.625	5	7.5	1.875
36	.625	.875	6.75	6	9	2.25
48	.75	1.25	9	8	12	3

COLORS: LEGEND, — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W3-1

STOP AHEAD

*See page 6-3 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M	N
18	.375	.625	4.5	2.25	3	.375	.187	9.5	3	1.75	.313	1.5
24	.375	.625	6	3	4	.5	.25	12.562	5	2.25	.375	1.5
30	.5	.75	7.5	3.75	5	.625	.313	15.75	6.25	2.875	.5	1.875
36	.625	.875	9	4.5	6	.75	.375	19	7.5	3.5	.625	2.25
48	.75	1.25	12	6	8	1	.5	25.125	10	4.5	.75	3

WARNING SIGN COLORS:

BORDER & ARROW – BLACK

SYMBOL – WHITE BORDER / RED BACKGROUND (RETROREFLECTIVE)

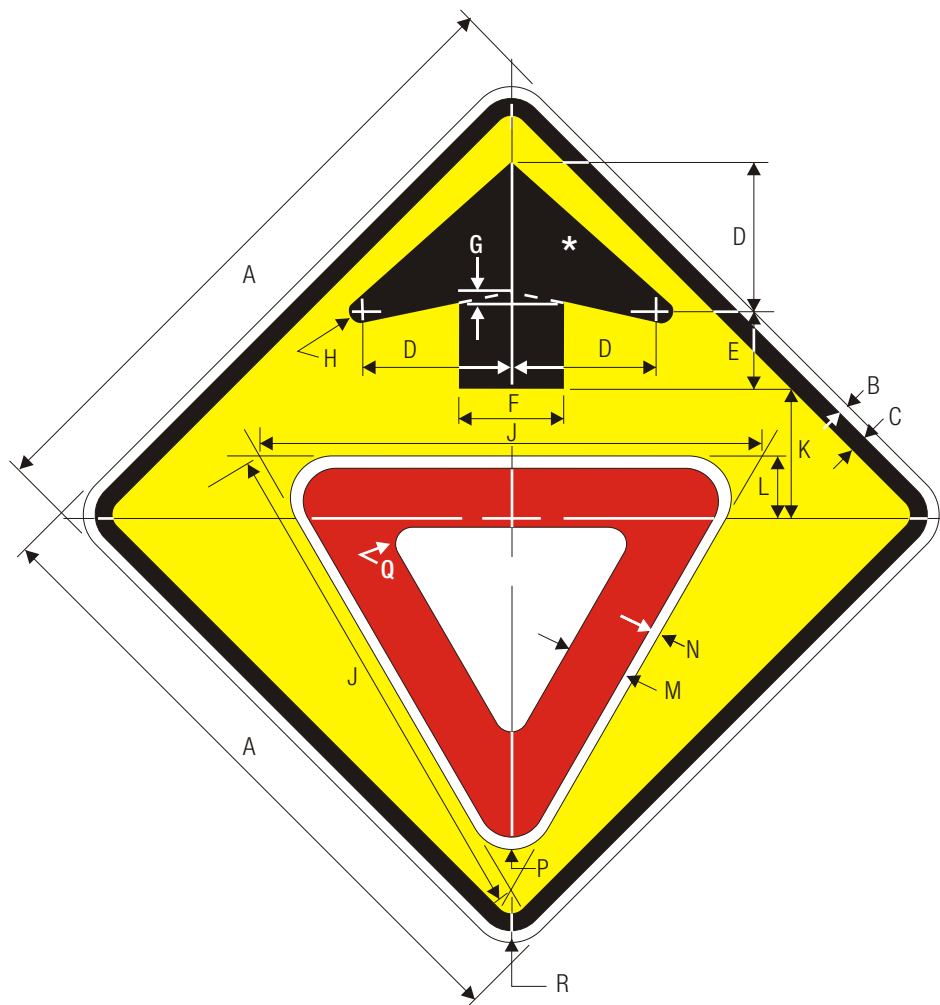
BACKGROUND – YELLOW (RETROREFLECTIVE)

TTC COLORS:

BORDER & ARROW – BLACK

SYMBOL – WHITE BORDER / RED BACKGROUND (RETROREFLECTIVE)

BACKGROUND – ORANGE (RETROREFLECTIVE)



W3-2
YIELD AHEAD

*See page 6-3 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M	N
18	.375	.625	4.5	2.25	3	.375	.187	14	3	1.687	1.875	.313
24	.375	.625	6	3	4	.5	.25	19	5	2.25	2.5	.375
30	.5	.75	7.5	3.75	5	.625	.313	25	6.25	3	3.375	.5
36	.625	.875	9	4.5	6	.75	.375	28	7.5	3.375	3.75	.625
48	.75	1.25	12	6	8	1	.5	38	10	4.5	5	.75

P	Q	R
.687	.375	1.5
.937	.5	1.5
1.25	.625	1.875
1.375	.75	2.25
1.875	1	3

WARNING SIGN COLORS:

BORDER & ARROW – BLACK

SYMBOL – WHITE BORDER / RED BACKGROUND (RETROREFLECTIVE)

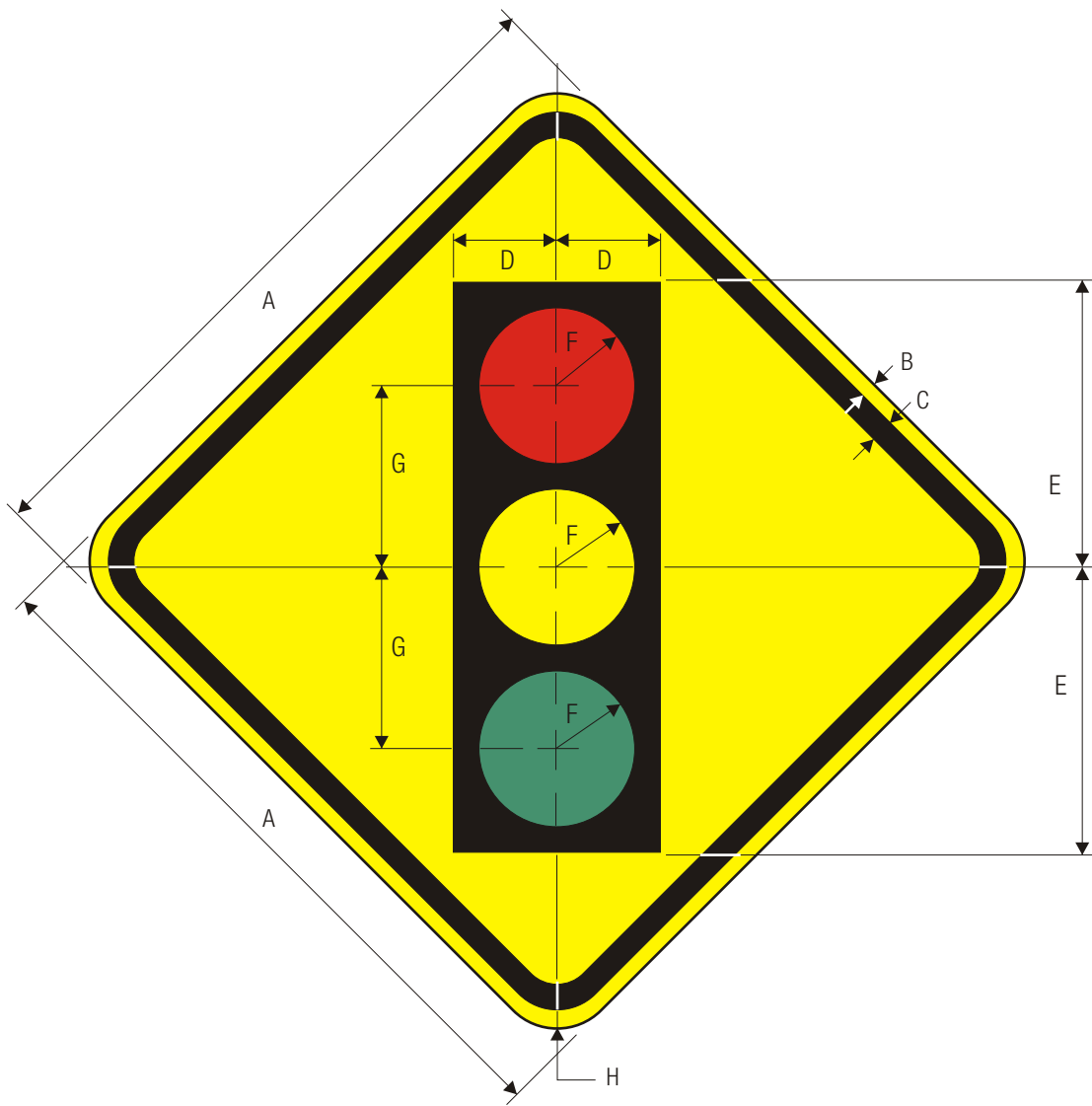
BACKGROUND – YELLOW (RETROREFLECTIVE)

TTC COLORS:

BORDER & ARROW – BLACK

SYMBOL – WHITE BORDER / RED BACKGROUND (RETROREFLECTIVE)

BACKGROUND – ORANGE (RETROREFLECTIVE)



W3-3

SIGNAL AHEAD

A	B	C	D	E	F	G	H
18	.375	.625	3	8	2.25	5	1.5
30	.5	.75	5	13.75	3.75	8.75	1.875
36	.625	.875	5.75	15.75	4.25	10	2.25
48	.75	1.25	7.5	20	5	12.5	3

WARNING SIGN COLORS:

TOP CIRCLE — RED (RETROREFLECTIVE)
 BOTTOM CIRCLE — GREEN (RETROREFLECTIVE)
 BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

TOP CIRCLE — RED (RETROREFLECTIVE)
 BOTTOM CIRCLE — GREEN (RETROREFLECTIVE)
 BACKGROUND — ORANGE (RETROREFLECTIVE)



W3-4

BE PREPARED TO STOP

*Series 2000 Standard Alphabets.

C

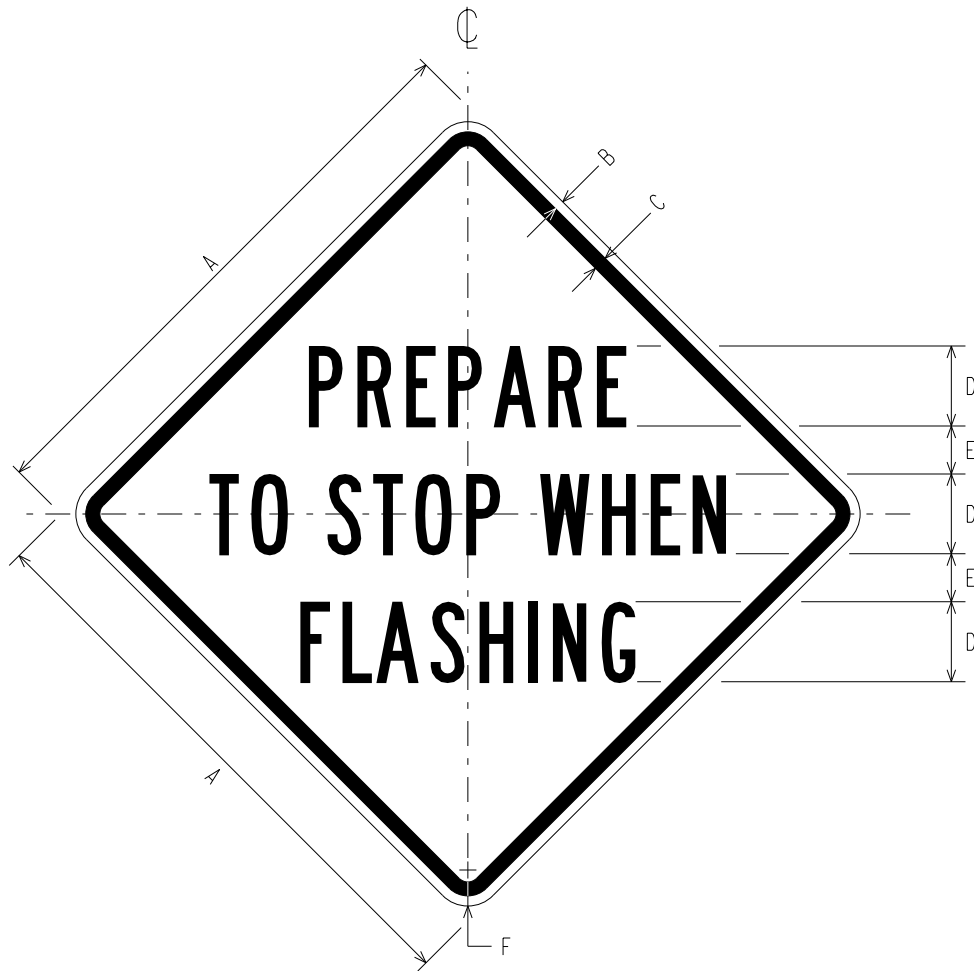
A	B	C	D	E	F	G	H	J	K	L
30	.5	.75	5 C	2.702	.700	3.086	13.650	10.833	11.593	1.875
36	.625	.875	6 C	3.602	.920	3.702	16.392	13.089	13.850	2.25
48	.75	1.25	8 C	4.803	1.200	4.943	21.856	17.413	18.494	3
60	.75	1.25	9 C	5.404	1.401	5.564	24.578	19.454	20.195	3

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



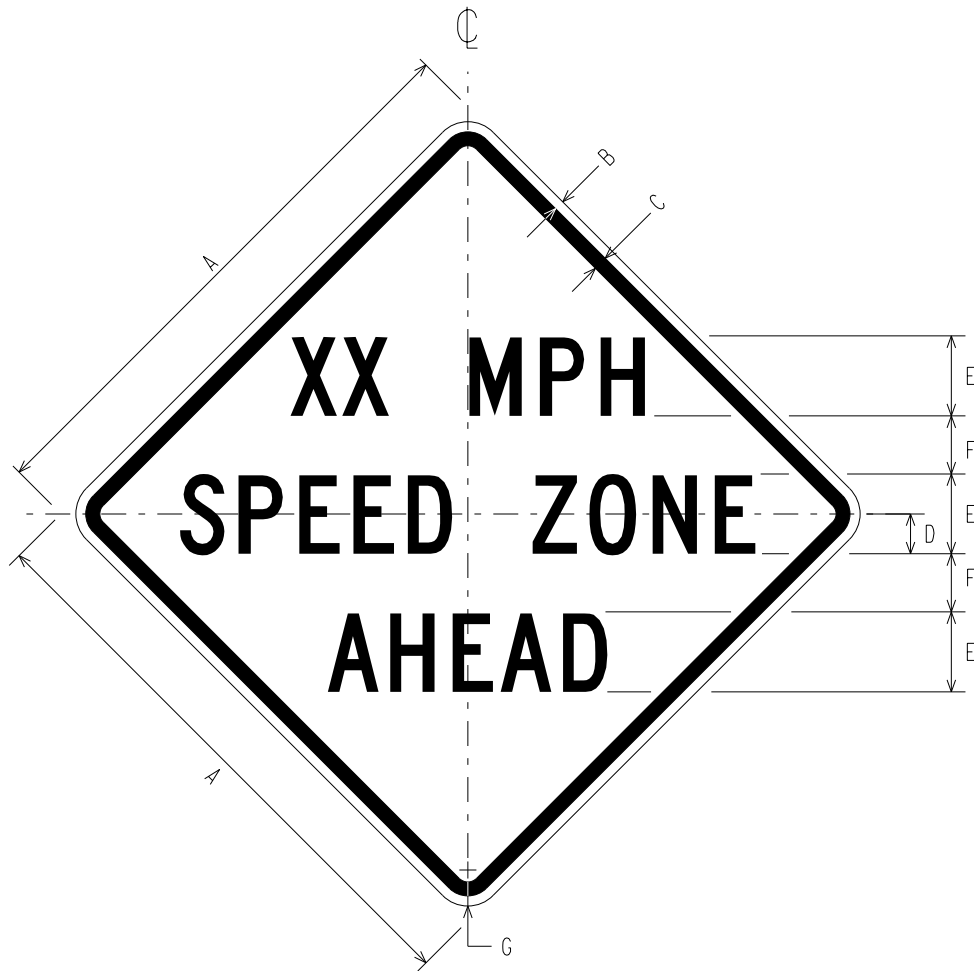
W3-4b
PREPARE TO STOP WHEN FLASHING

SIGN	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
URBAN	30	.5	.75	4 B	2	1.875
RURAL	36	.625	.875	5 B	3	2.25
SPECIAL	48	.75	1.25	7 B	4	3

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
(CONSTRUCTION SIGNS)

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - YELLOW (REFL.)
(PERMANENT SIGNS)
CENTRALLY LOCATE ALL LEGENDS



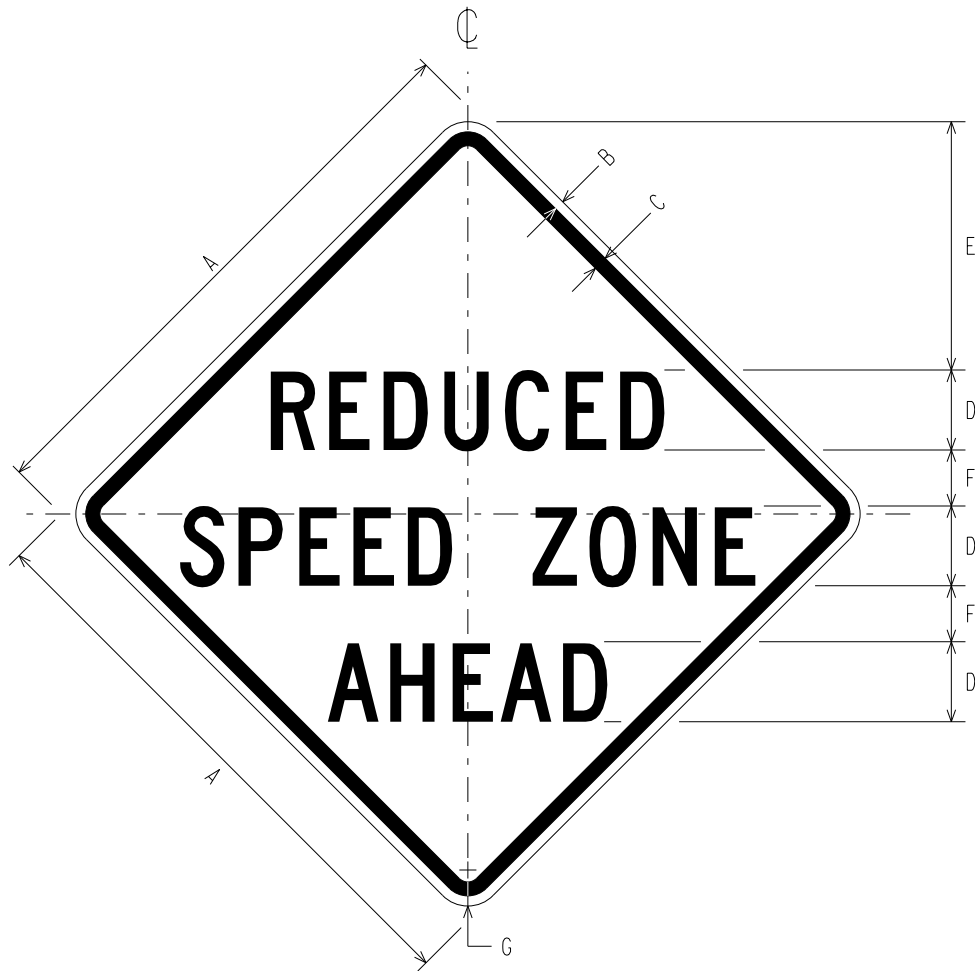
W3-5a
SPEED REDUCTION

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
MIN.	30	.5	.75	2	4 C	3	1.875
STD.	36	.625	.875	2.5	5 C	3.625	2.25
SPECIAL	48	.75	1.25	3.5	7 C	4.625	3
SPECIAL	60	.75	1.25	4	8 C	6	3

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
(CONSTRUCTION SIGNS)

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - YELLOW (REFL.)
(PERMANENT SIGNS)
CENTRALLY LOCATE ALL LEGENDS



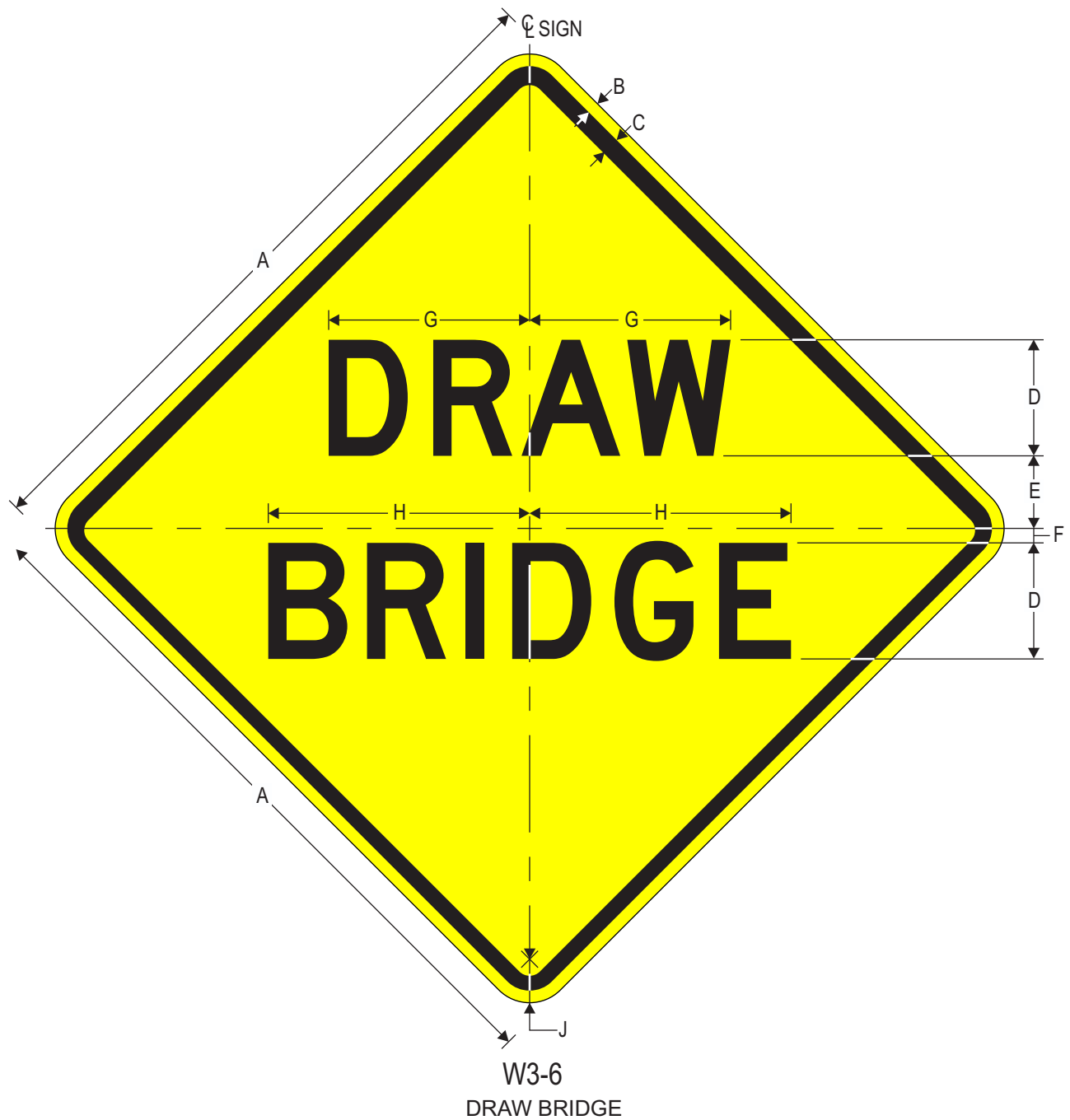
W3-5b
REDUCED SPEED ZONE AHEAD

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
MIN.	30	.75	.5	4 C	13.19	3	1.875
STD.	36	.625	.875	5 C	15.52	3.5	2.25
SPECIAL	48	.75	1.25	7 C	19.6	4.6	3

COLORS

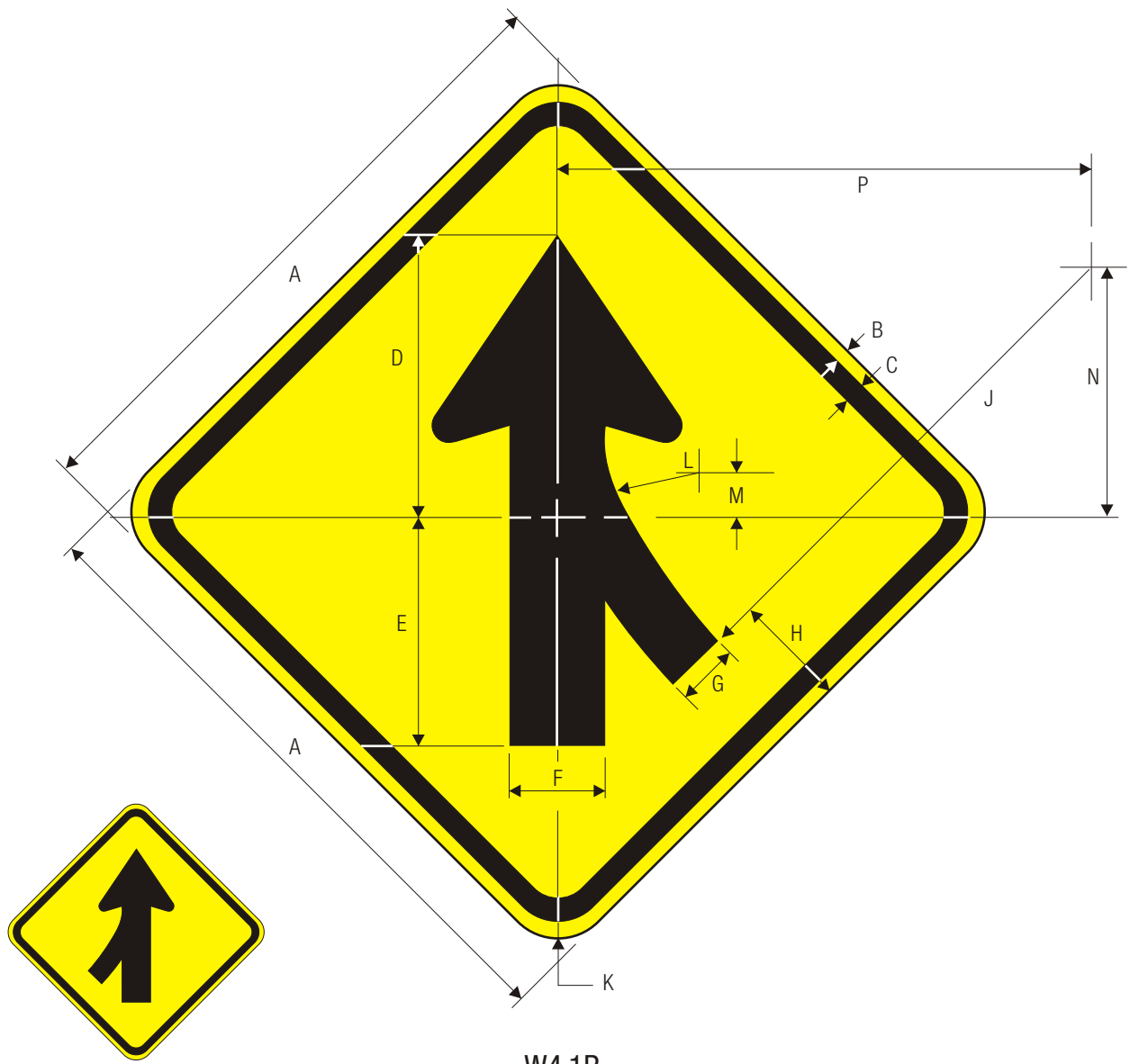
LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
(CONSTRUCTION SIGNS)

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - YELLOW (REFL.)
(PERMANENT SIGNS)
CENTRALLY LOCATE ALL LEGENDS



A	B	C	D	E	F	G	H	J
36	0.625	0.875	6 D	3.75	0.75	10.388	13.51	2.25
48	0.75	1.25	8 D	4.5	1.5	13.85	18.013	3
60	0.75	1.25	10 D	5.25	2.25	17.313	22.517	3

COLORS: LEGEND, BORDER — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)



W4-1L

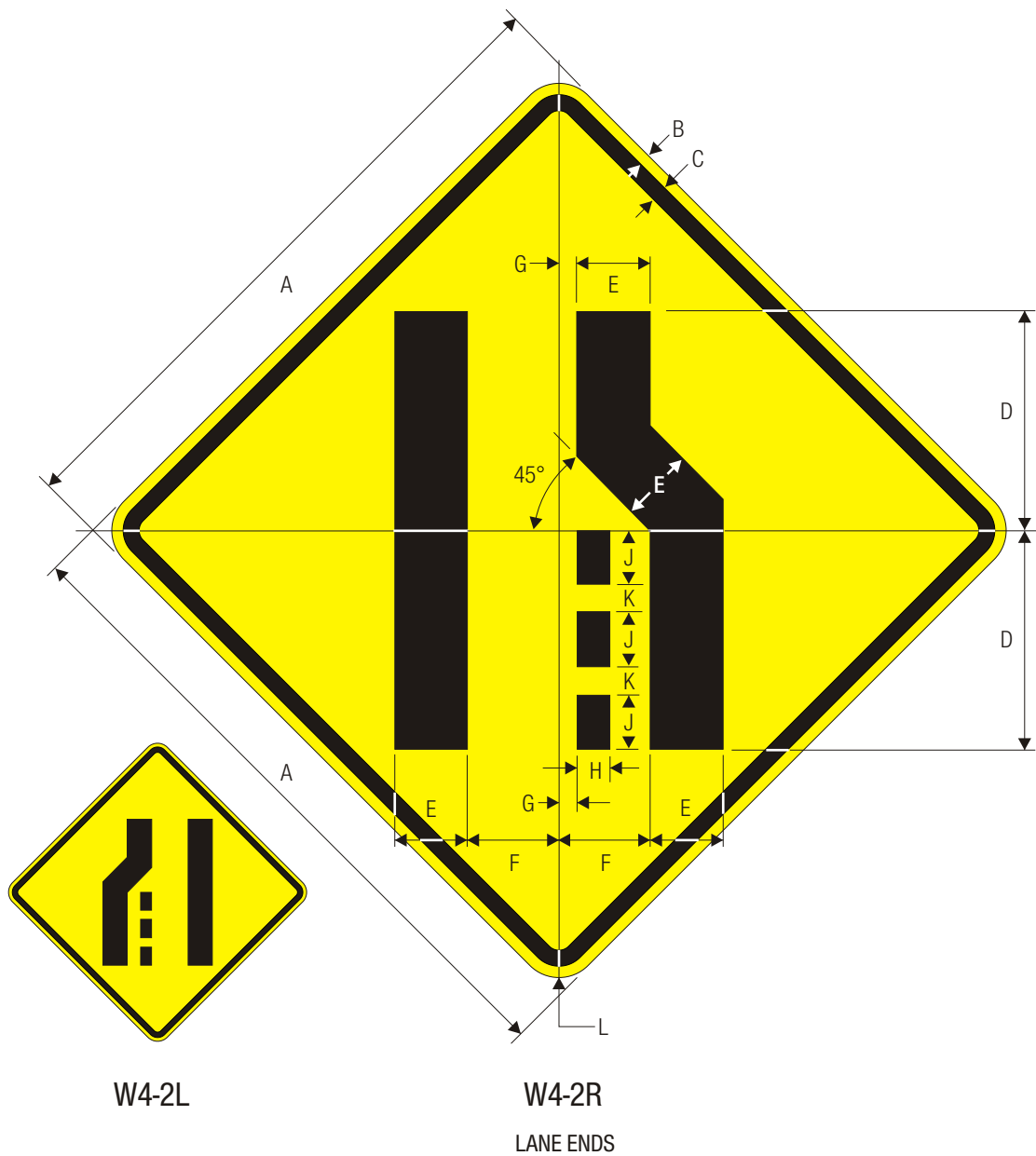
W4-1R
MERGE

*See page 6-2 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	.375	.625	10.25	8.75	3.5	2.375	4.188	22.25	1.5	6.375	2.625	10.375	22.188
30	.5	.75	13	11	4.375	3	5.25	28	1.875	8	3	13	27.75
36	.625	.875	15.75	13.25	5.25	3.625	6.313	33.625	2.25	9.625	4	15.625	33.313
48	.75	1.25	20.5	17.5	7	4.75	8.375	45	3	12.813	5.25	20.75	44.375

WARNING SIGN COLORS:
SYMBOL — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:
SYMBOL — BLACK
BACKGROUND— ORANGE (RETROREFLECTIVE)



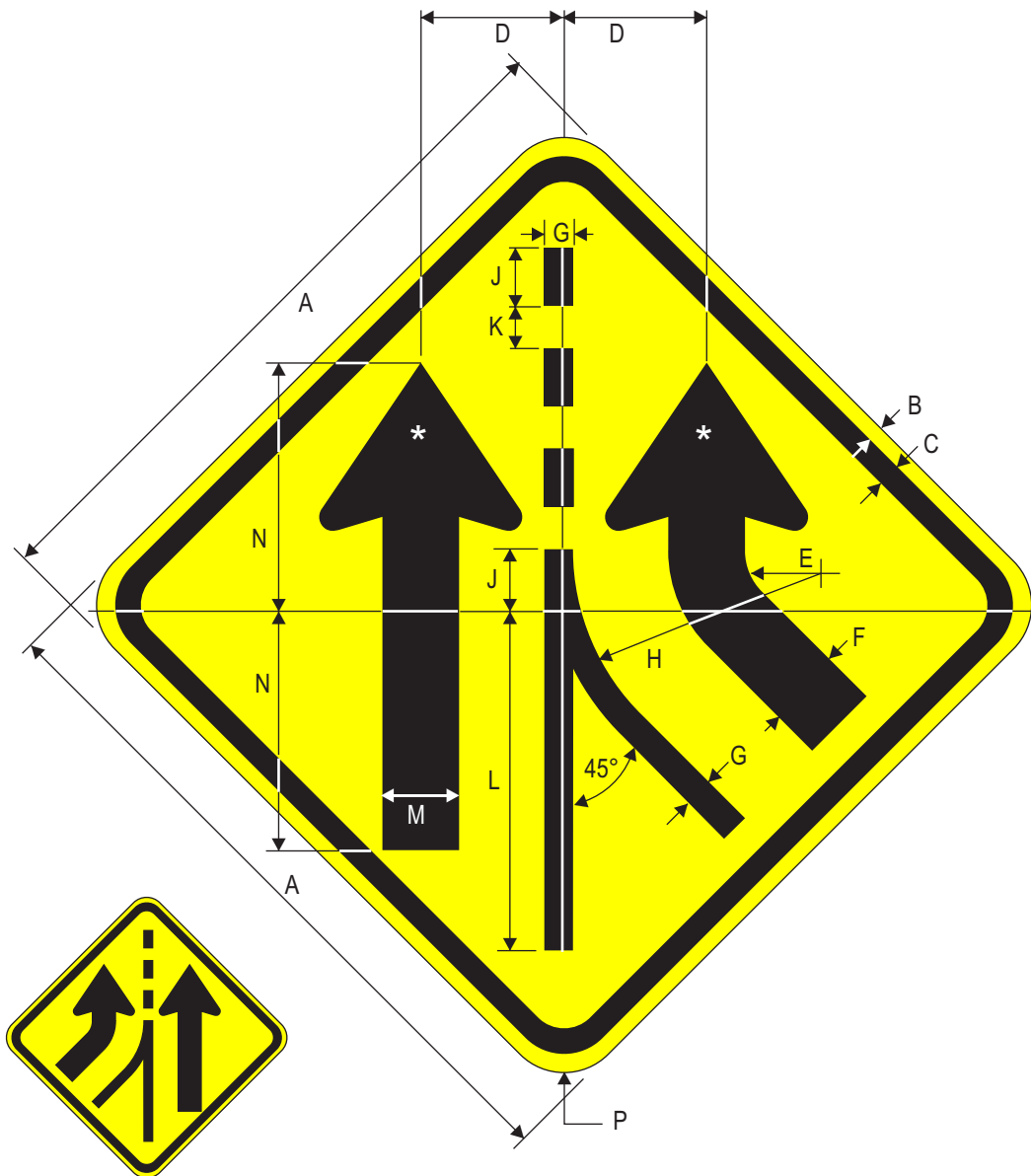
C	A	B	C	D	E	F	G	H	J	K	L
	30	.5	.75	10	3.375	4.188	.875	1.5	2.5	1.25	1.875
	36	.625	.875	12	4	5	1	1.75	3	1.5	2.25
	48	.75	1.25	16	5.375	6.688	1.25	2.375	4	2	3

WARNING SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

CONSTRUCTION SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W4-3L

W4-3R
ADDED LANE

* See page 6-2 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
30	0.5	0.75	6.25	2.5	3.438	1.25	9.844	2.5	1.875	15	3.438
36	.625	.825	7.5	3	4.125	1.5	11.813	3	2.25	18	4.125
48	.75	1.25	10	4	5.5	2	15.75	4	3	24	5.5

N	P
14.167	1.875
12.75	2.25
17	3

WARNING SIGN

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W4-4P

TRAFFIC DOES NOT STOP



W4-4aP



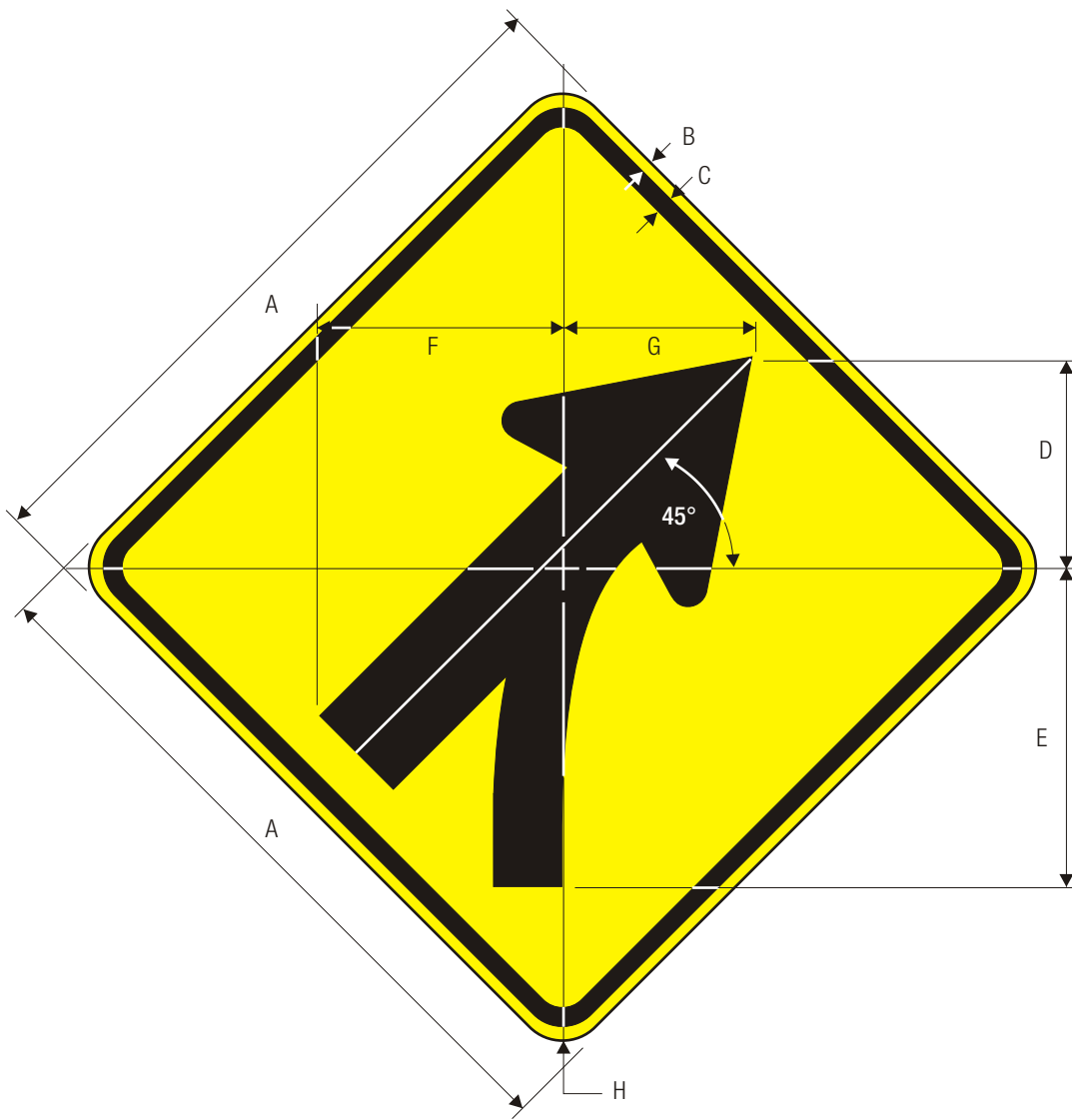
W4-4bP

FOR USE WITH R1-1 STOP SIGN

*Series 2000 Standard Alphabets.

	A	B	C	D	E	F	G	H	J	K	L	M	N
C	24	12	.375	.625	3	2.25 C	1.5	9.314	9.63	1.5	10.106	9.779	2.25 B
	30	15	.5	.75	3.5	3 C	2	12.423	12.423	1.875	12.902	13.039	3 B
	36	18	.625	.875	4	3.5 C	3	14.487	14.978	2.25	15.721	15.212	3.5 B
	48	24	.75	1.25	5.5	4.5 C	4	18.628	19.259	3	20.214	19.56	4.5 B

COLORS: LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W4-5

ENTERING ROADWAY MERGE

*Scale and rotate W4-1 to fit dimensions.

	A	B	C	D	E	F	G	H
	24	.375	.625	7.285	11	8.366	6.524	1.5
	30	.5	.75	9.126	13.770	10.447	8.166	1.875
C	36	.625	.875	10.928	16.532	12.569	9.807	2.25
	48	.75	1.25	14.571	22	16.732	13.049	3

WARNING SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W4-5P
NO MERGE AREA (PLAQUE)

* Reduce character spacing 20%.

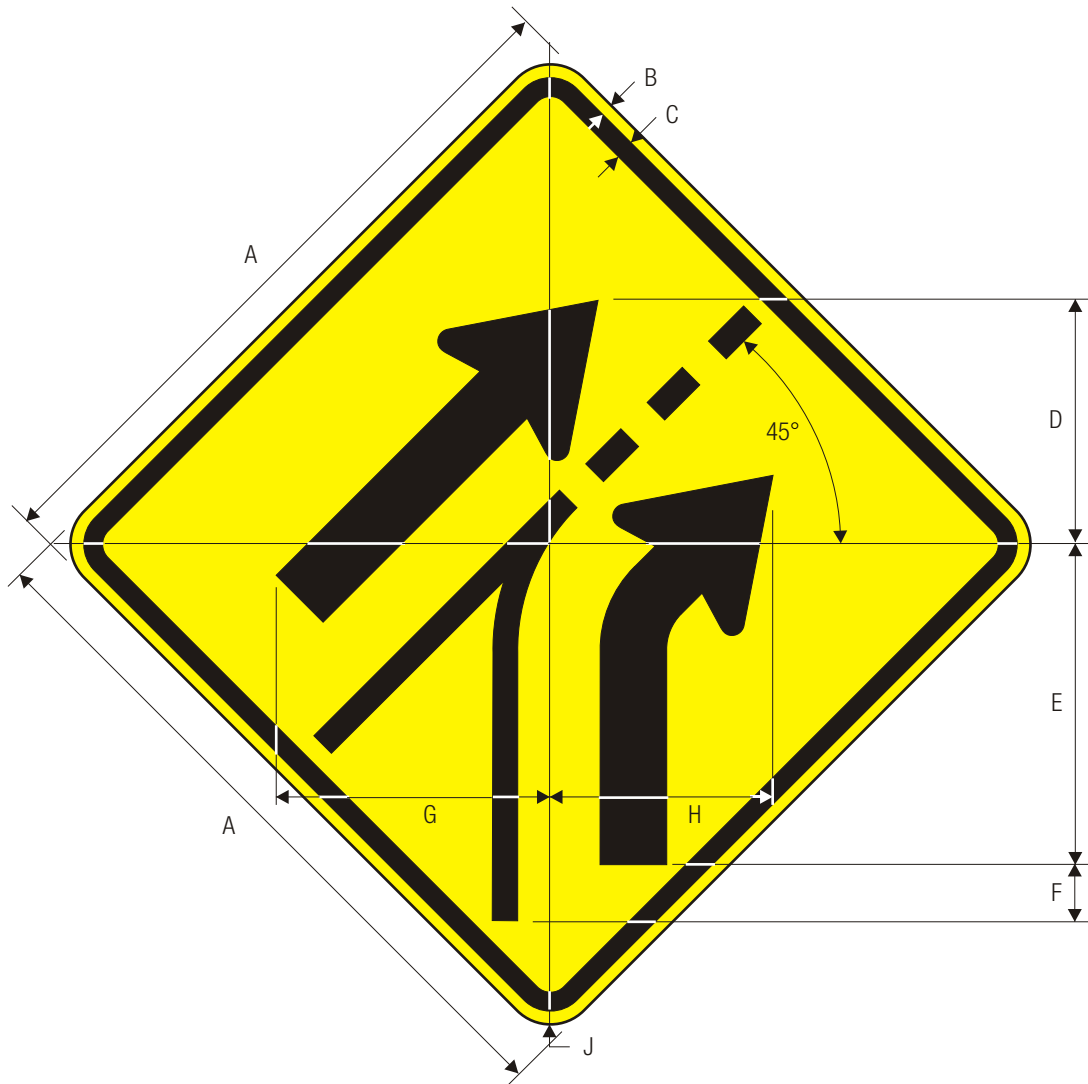
A	B	C	D	E	F	G	H	J	K	L	M
18	24	0.375	0.625	3.5	4 C	2.5	4 C*	2.701	6.787	5.502	1.5
24	30	0.375	0.625	4.25	5 C	3.25	5 C	3.377	8.854	6.878	1.5

WARNING SIGN

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W4-6

ENTERING ROADWAY ADDED LANE

*Scale and rotate W4-3 to fit dimensions.

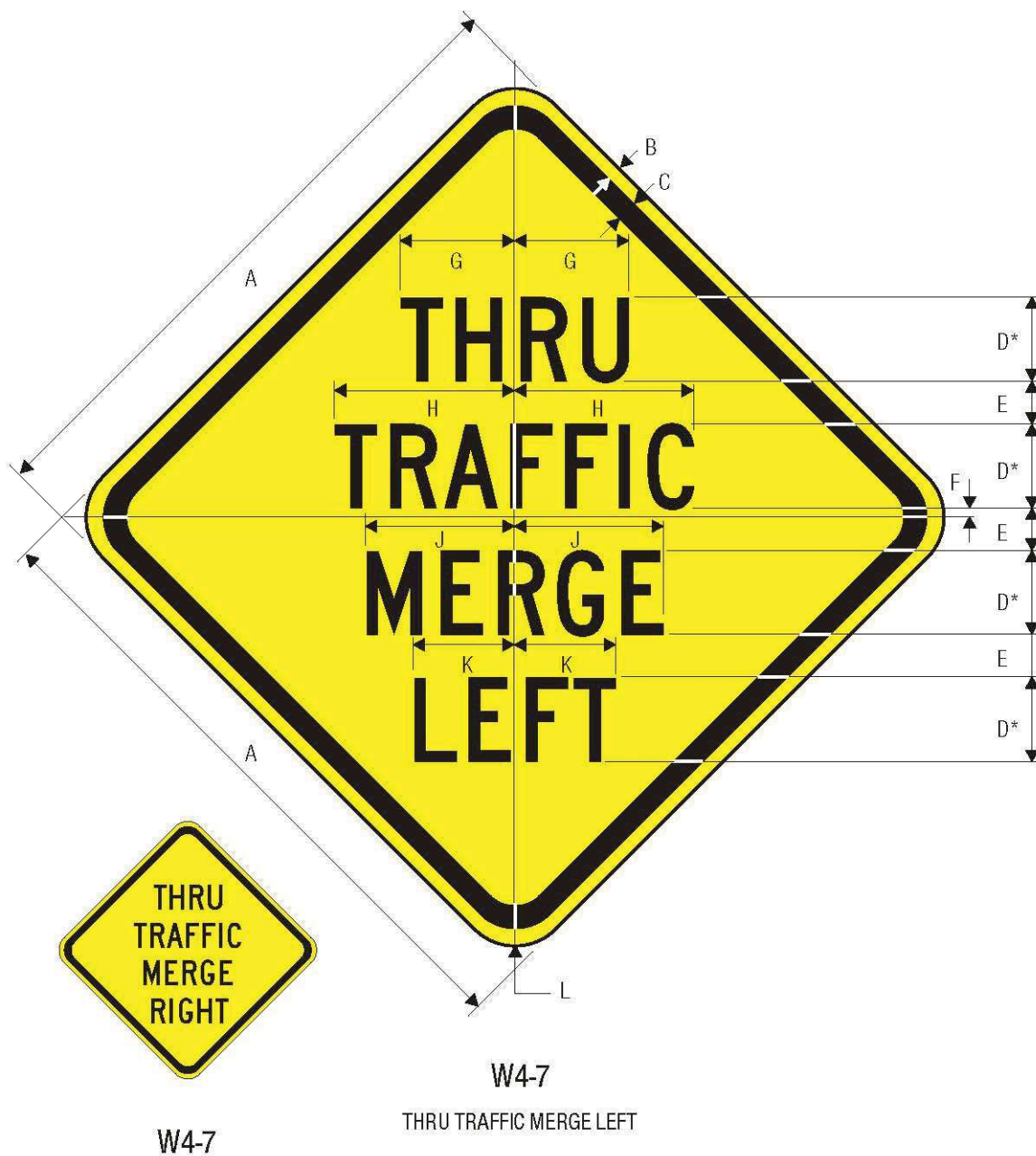
C	A	B	C	D	E	F	G	H	J
	24	.375	.625	10.367	10.728	12.569	11.648	8.966	1.5
	30	.5	.75	12.969	13.410	15.691	14.571	11.208	1.875
	36	.625	.875	15.571	16.092	18.814	17.493	13.450	2.25
	48	.75	1.25	20.735	21.456	25.139	23.297	17.933	3

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



*Series 2000 Standard Alphabets.

A	B	C	D	E	F	G	H	J	K	L
30	.5	.75	4 C	2	.480	5.424	8.526	7.045	4.803	1.875
36	.625	.875	5 C	2.401	.560	6.765	10.648	8.826	6	2.25
48	.75	1.25	6 C	3	.720	8.126	12.789	10.588	7.205	3
60	.75	1.25	8 C	4	.960	10.828	17.032	14.110	9.607	3

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W5-1
ROAD NARROWS

C

A	B	C	D	E	F	G	H	J	K	L
30	.5	.75	5 D	3	1.75	7.875	8.625	14.75	15.125	1.875
36	.625	.875	6 D	3.5	2	9.5	10.313	17.625	18.25	2.25
48	.75	1.25	8 D	4	3	12.688	13.75	23.5	24.375	3

WARNING SIGN COLORS:
LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:
LEGEND — BLACK
BACKGROUND— ORANGE (RETROREFLECTIVE)



W5-2
NARROW BRIDGE

*Reduce spacing 20%.

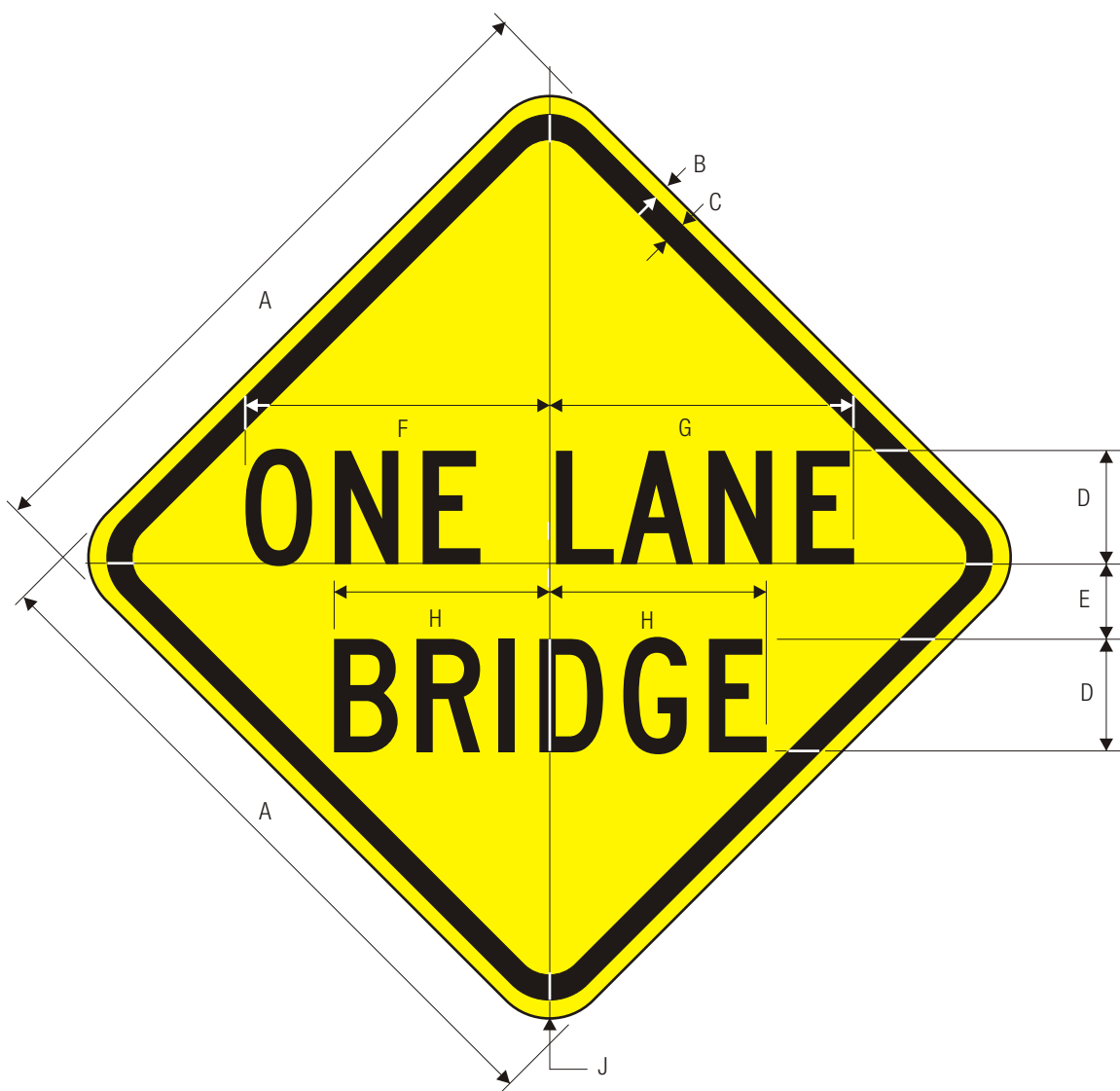
A	B	C	D	E	F	G	H	J
18	.375	.625	3 D	.375	1.5	7.844	6.531	1.5
30	.5	.75	5 D	5	2.5	13.063	10.875	1.875
36	.625	.875	6D	.75	3	15.688	13.063	2.25
48	.75	1.25	8 D	5	4	20.875	17.375	3

WARNING SIGN

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W5-3

ONE LANE BRIDGE

	A	B	C	D	E	F	G	H	J
	24	.375	.625	4 C	2.5	10.625	10.625	7.688	1.5
	30	.5	.75	5 C	3.25	13.313	12.688	9.125	1.875
C	36	.625	.875	6 C	4	16	15.25	11.5	2.25
	48	.75	1.25	8 C	5	21.25	20.25	15.375	3

WARNING SIGN COLORS:

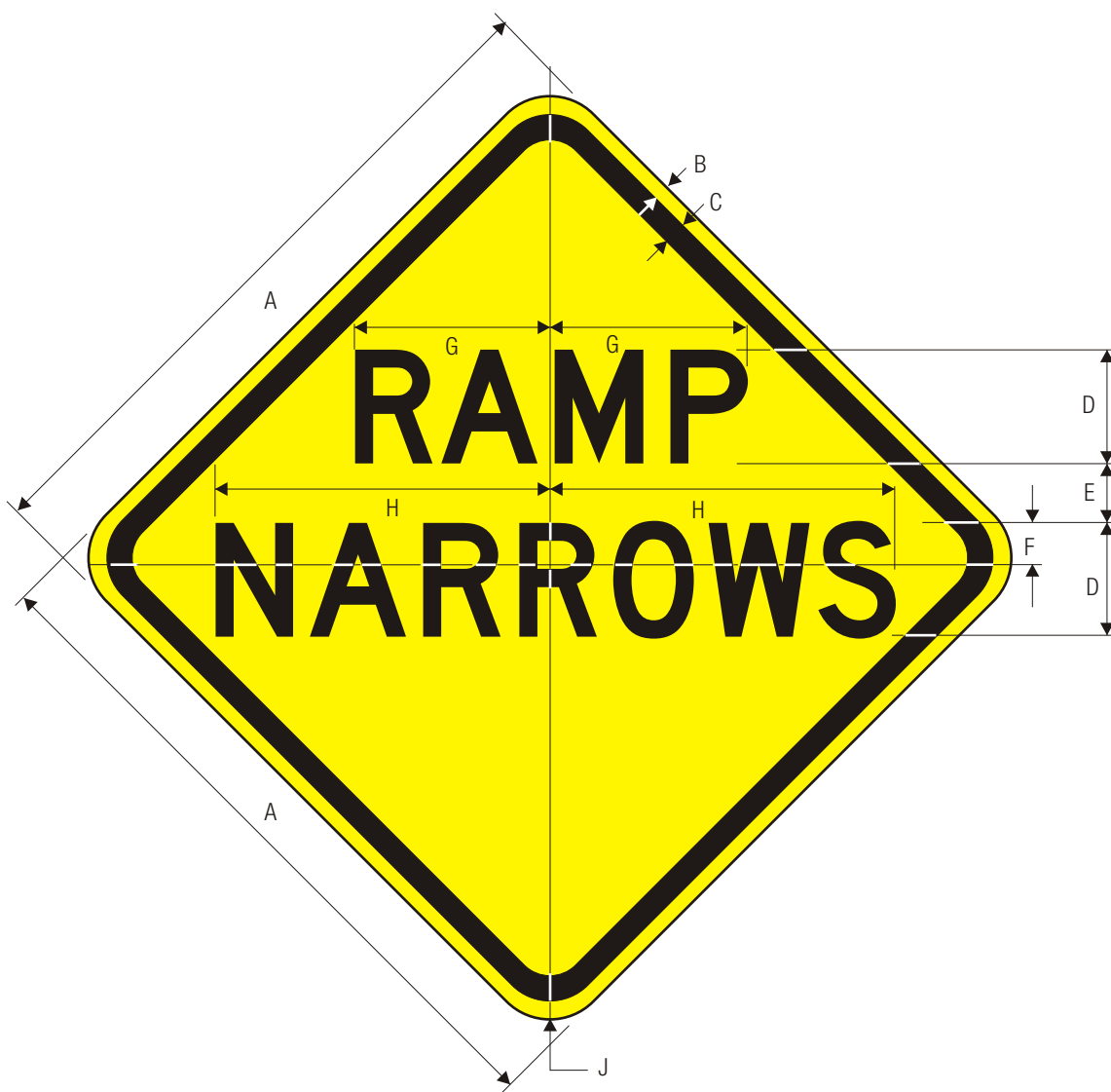
LEGEND — BLACK

BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W5-4

RAMP NARROWS

A	B	C	D	E	F	G	H	J
30	.5	.75	5 D	2.722	1.080	8.626	14.951	1.875
36	.625	.875	6 D	3.122	1.280	10.367	17.933	2.25
48	.75	1.25	8 D	5.884	1.681	13.890	24.058	3

C

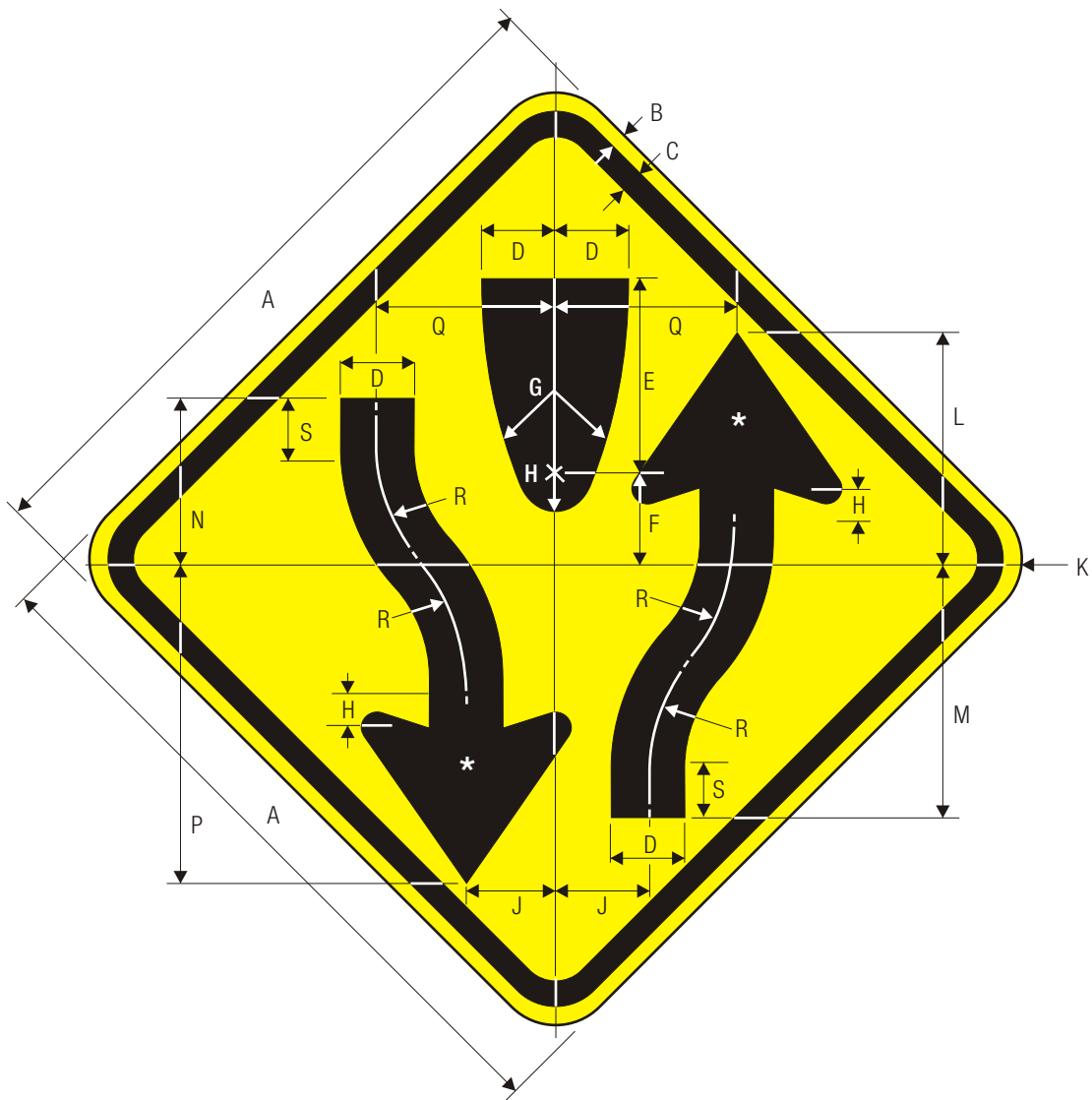
WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)





W6-1

DIVIDED HIGHWAY

*See page 6-2 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
30	.5	.75	3.313	8.313	4.125	25	1.688	4.125	1.875	10	11.625
36	.625	.875	4	10	5	30	2	5	2.25	12	14
48	.75	1.25	5.25	13.125	6.563	39.313	2.625	6.563	3	16	18.688

N	P	Q	R	S
7.938	13.688	7.875	8.313	2.063
9.5	16.5	9.5	10	2.5
12.688	22	12.438	13.125	3.313

WARNING SIGN COLORS:

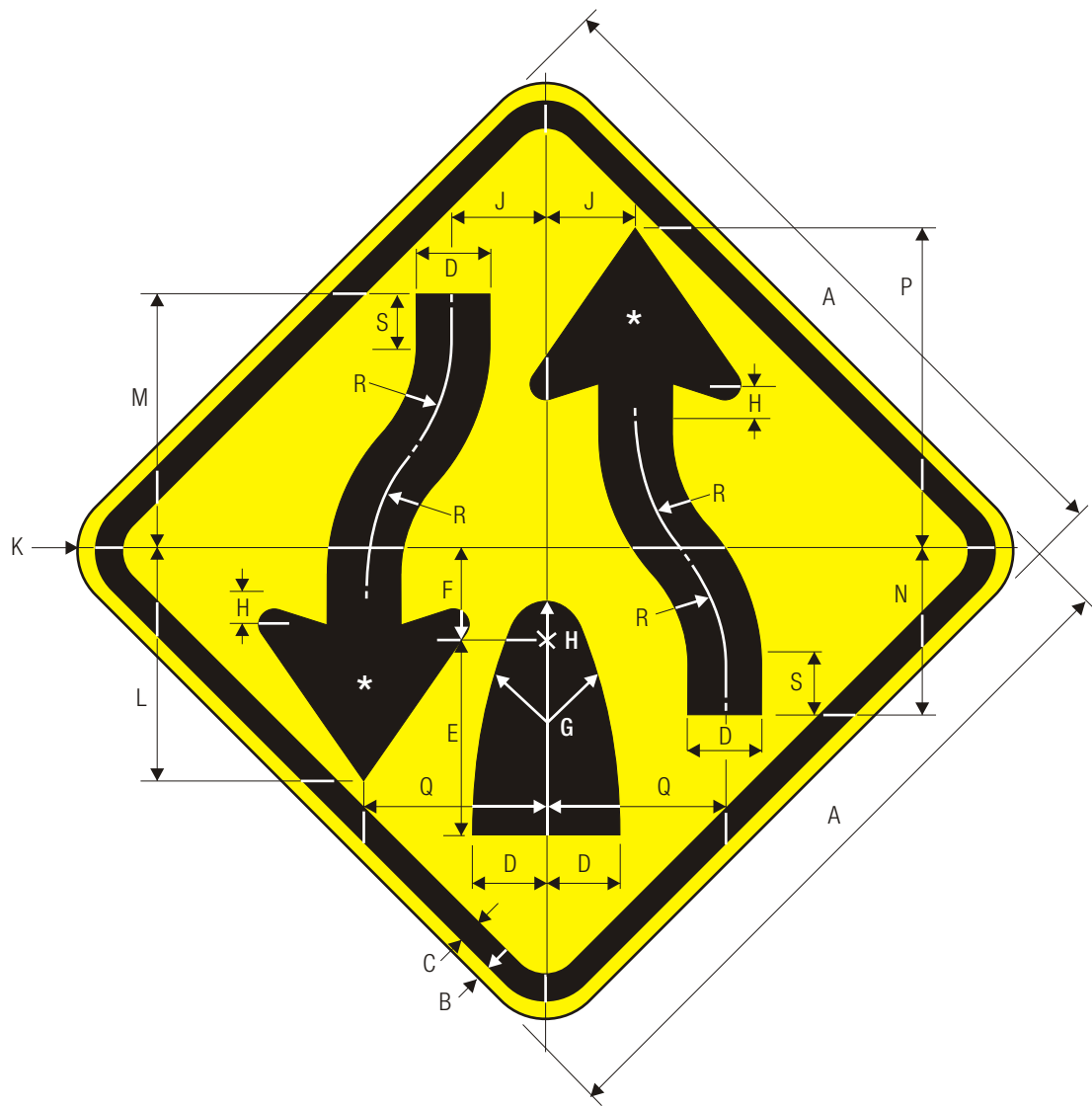
SYMBOL — BLACK

BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

SYMBOL — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W6-2
DIVIDED HIGHWAY ENDS

*See page 6-2 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
30	.5	.75	3.313	8.313	4.125	25	1.688	4.125	1.875	10	11.875
36	.625	.875	4	10	5	30	2	5	2.25	12	14
48	.75	1.25	5.25	13.125	6.563	39.313	2.625	6.563	3	16	18.688

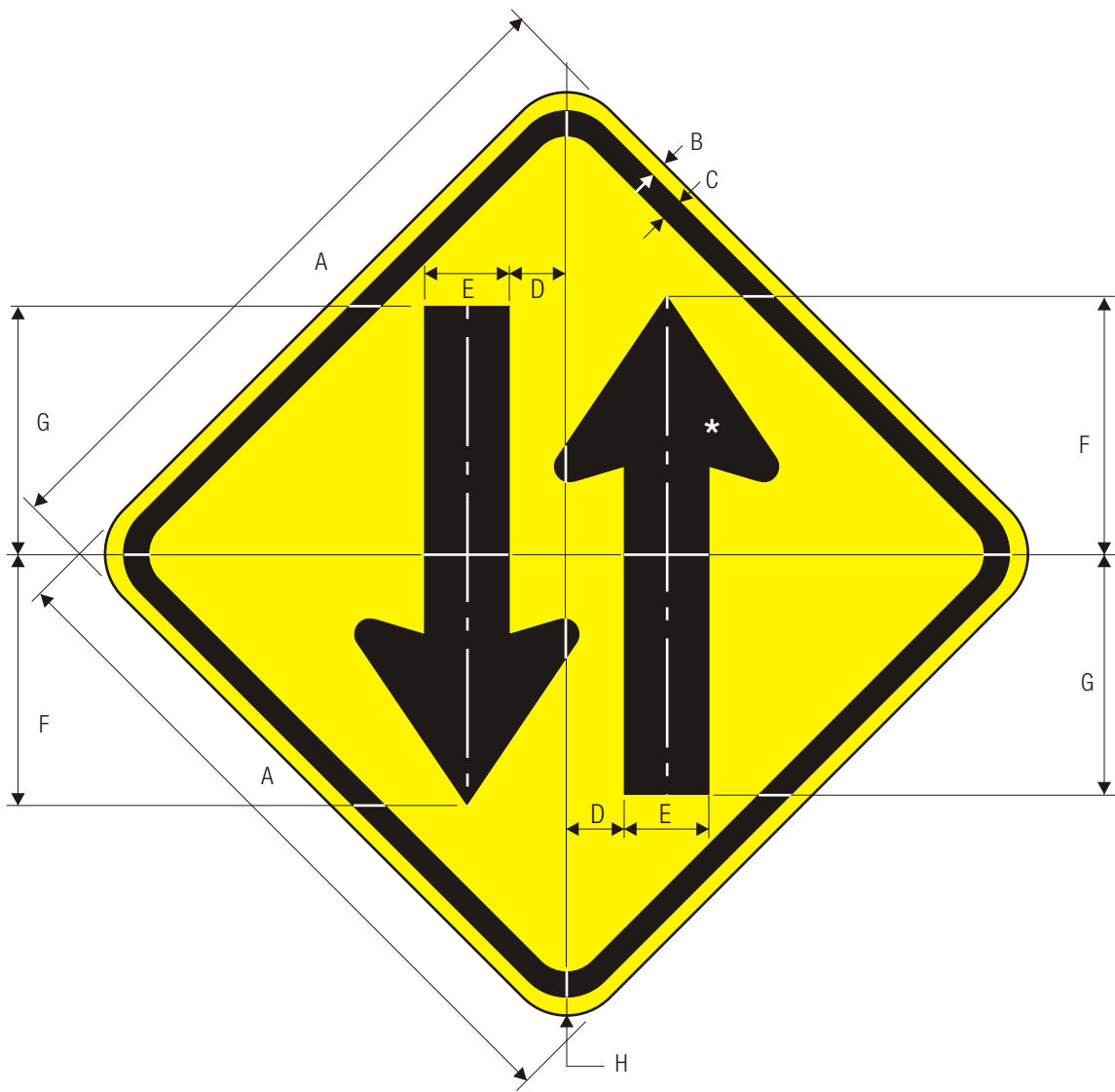
N	P	Q	R	S
7.938	13.703	7.875	8.313	2.063
9.5	16.5	9.5	10	2.5
12.688	22	12.438	13.125	3.313

WARNING SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W6-3

TWO WAY TRAFFIC

*See page 6-2 for arrow design.

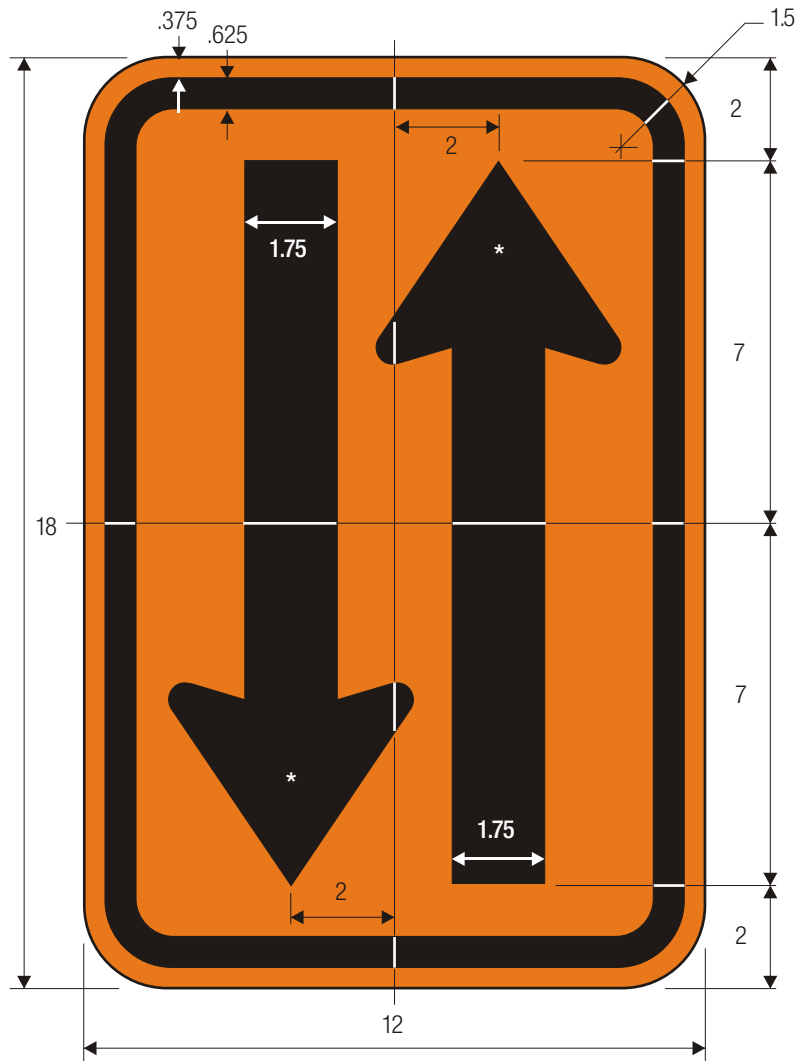
	A	B	C	D	E	F	G	H
	30	.5	.75	2.438	3.75	11.25	10.625	1.875
C	36	.625	.875	2.938	4.25	13.5	12.75	2.25
	48	.75	1.25	3.875	6	18	17	3

WARNING SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W6-4

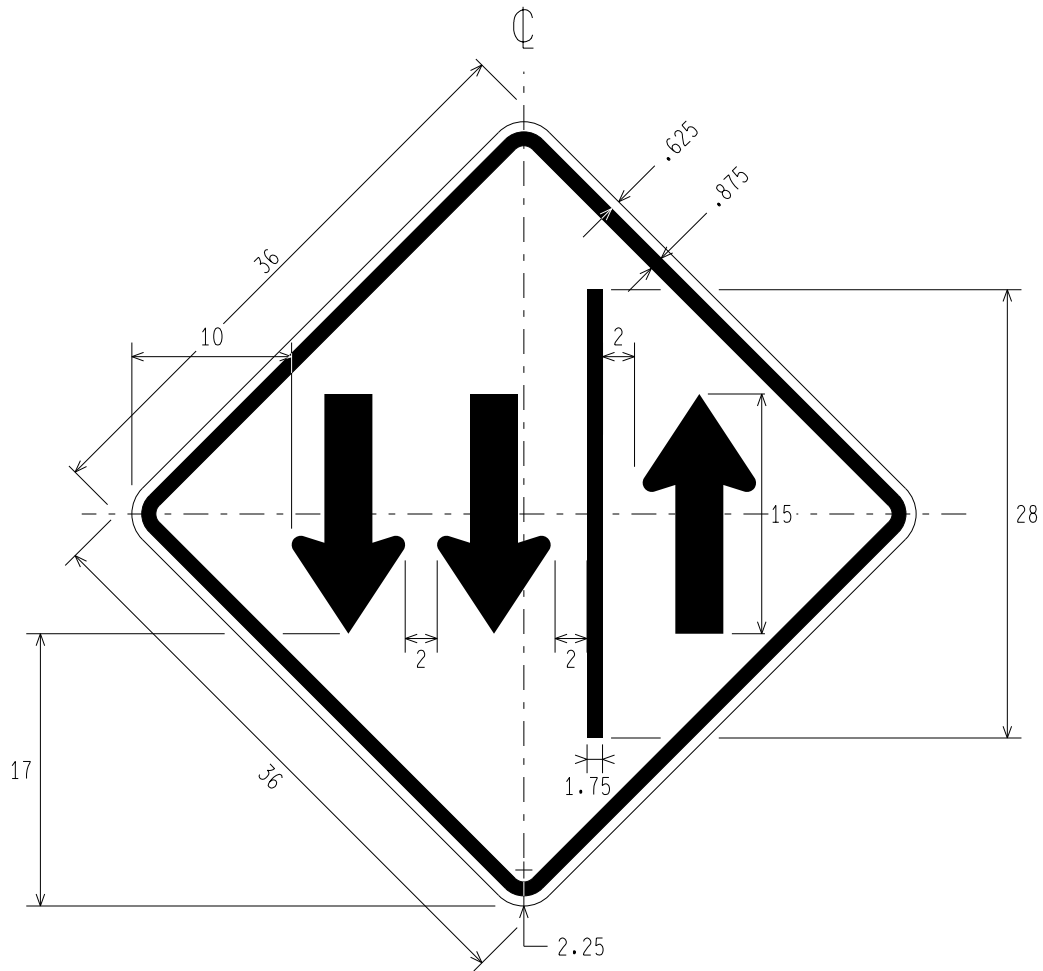
TWO WAY TRAFFIC

*See page 6-2 for arrow design.

TTC SIGN COLORS:

SYMBOL — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



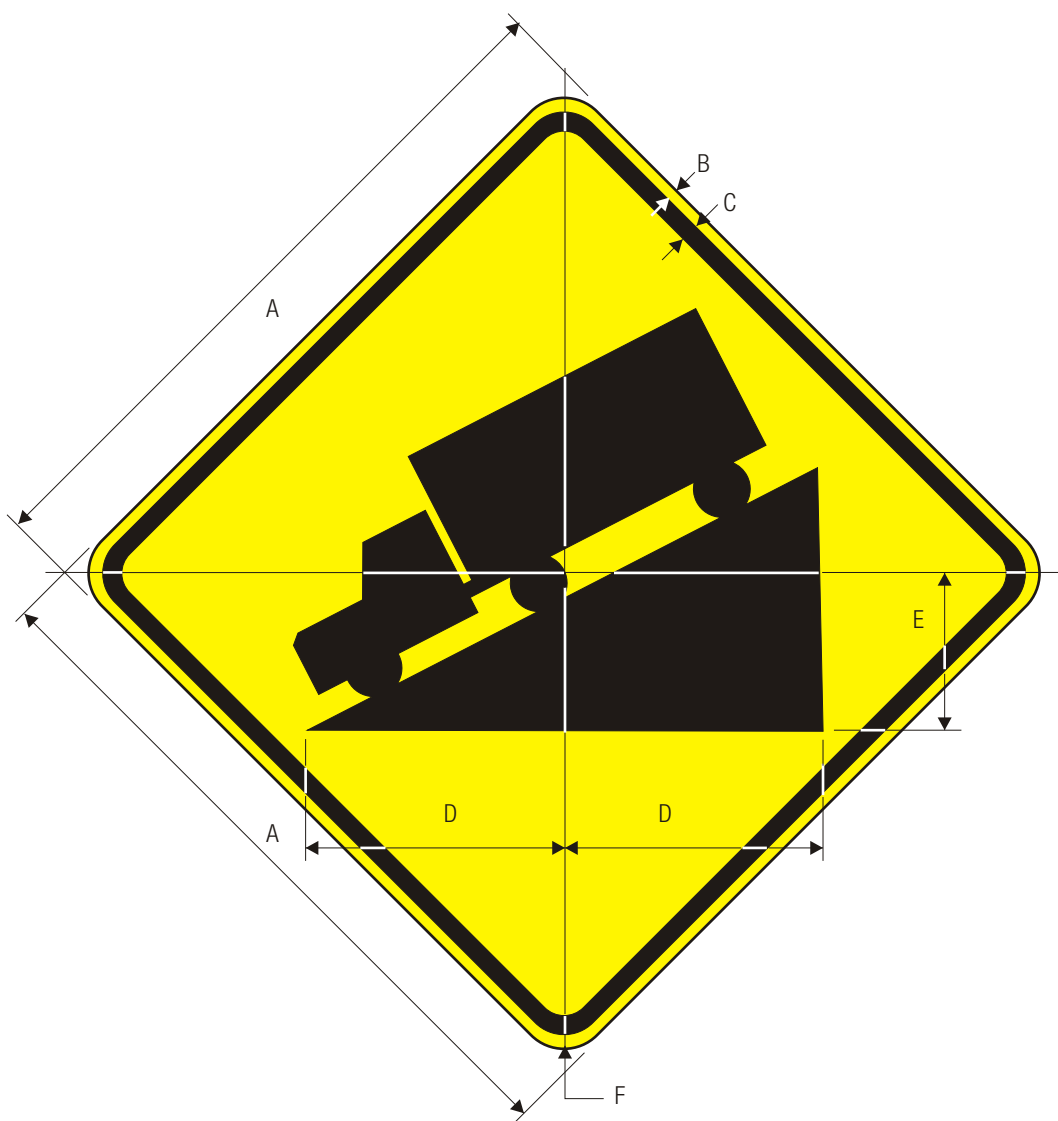
W6-5
TRIPLE ARROW

COLORS

SYMBOL AND BORDER - BLACK (NON-REFL.)

BACKGROUND - YELLOW (REFL.)

SEE APPENDIX PAGE 6-3.92 FOR ARROW DETAILS



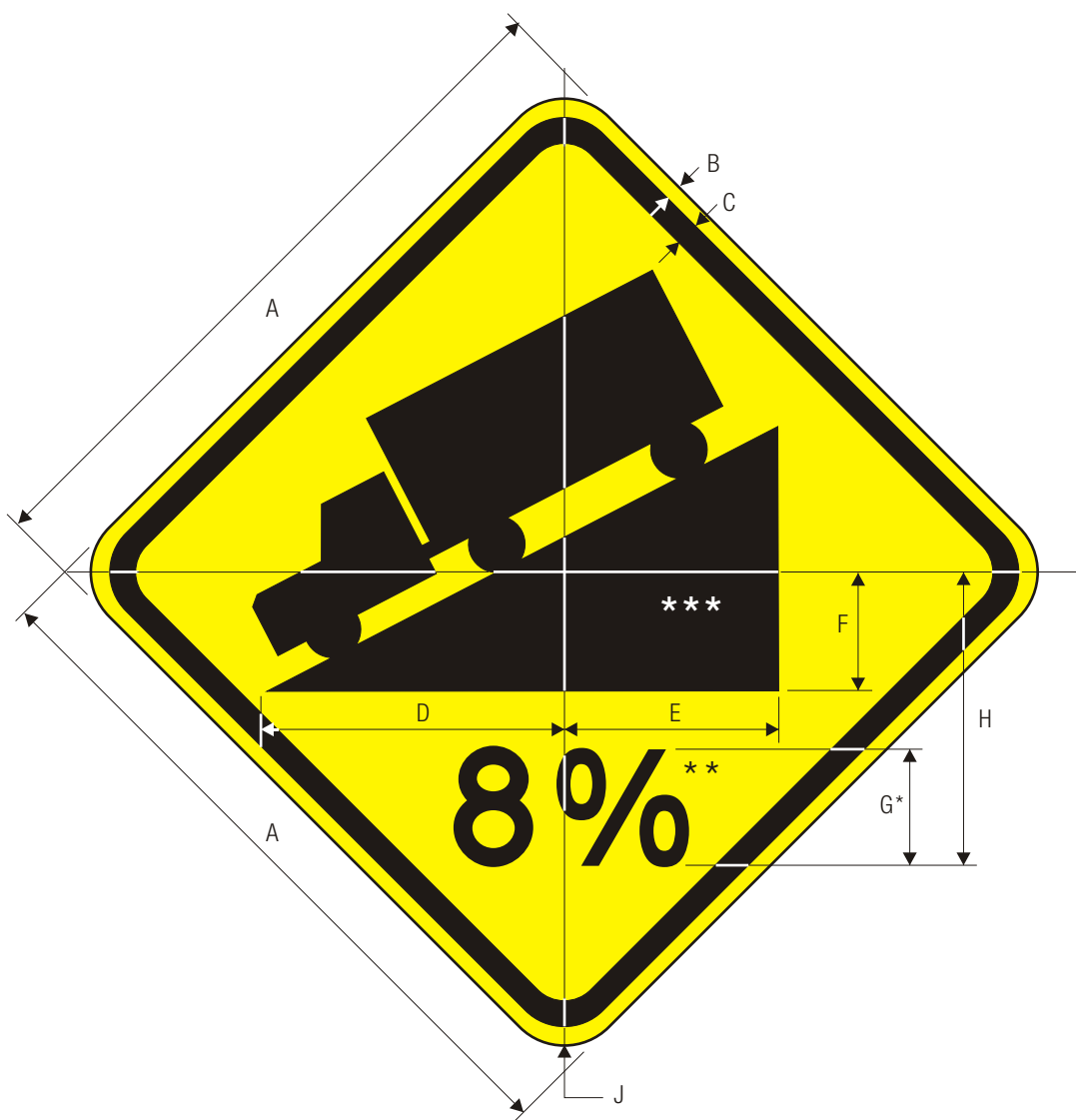
W7-1
HILL

*See page 6-22 for symbol design.

	A	B	C	D	E	F
	24	.375	.625	8.75	6	1.5
C	30	.5	.75	11	7.5	1.875
	36	.625	.875	13.25	9	2.25
	48	.75	1.25	17.5	12	3

WARNING SIGN COLORS:
SYMBOL — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:
SYMBOL — BLACK
BACKGROUND— ORANGE (RETROREFLECTIVE)



W7-1a

HILL

*Series 2000 Standard Alphabets.

**Optically space numeral and % about centerline.

***See page 6-22 for symbol design.

	A	B	C	D	E	F	G	H	J
	24	.375	.625	10.25	7.25	4	4 D	10	1.5
C	30	.5	.75	12.75	9.25	5	5 D	12.5	1.875
	36	.625	.875	15.375	11.125	6	6 D	15	2.25
	48	.75	1.25	20.5	14.5	8	8 D	20	3

WARNING SIGN COLORS:

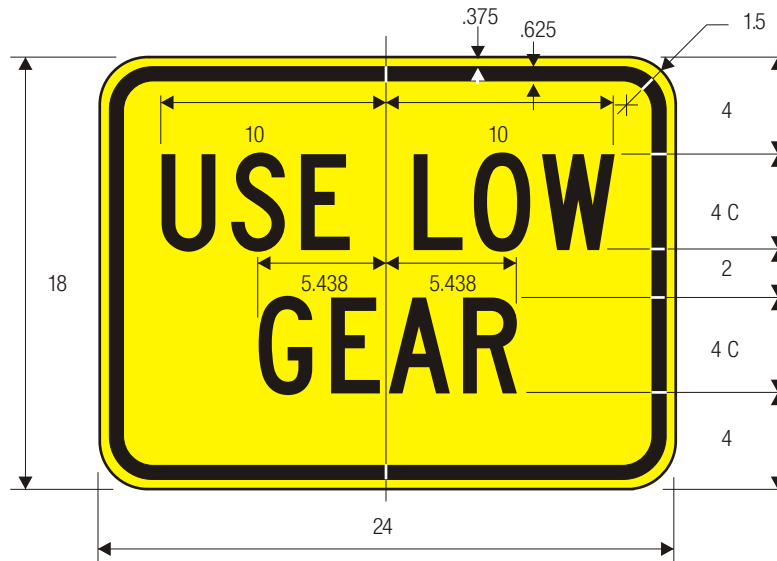
SYMBOL & LEGEND—BLACK

BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

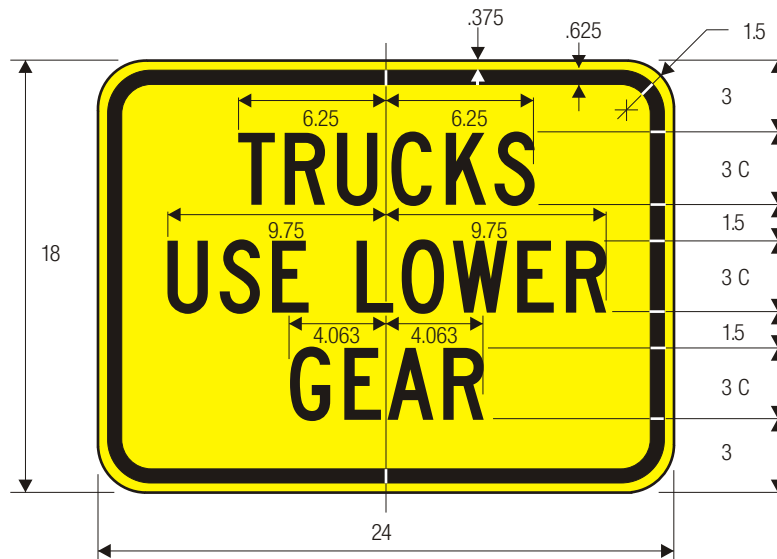
SYMBOL & LEGEND—BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W7-2P

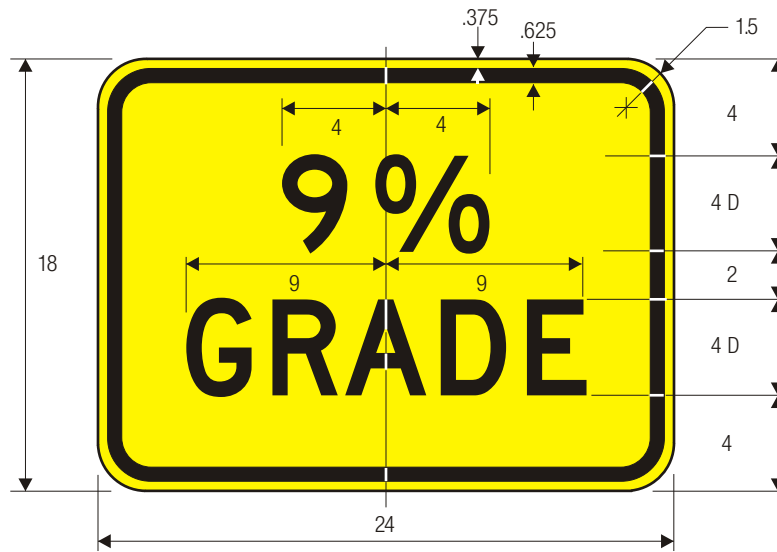
HILL PLAQUE



W7-2bP

HILL PLAQUE

COLORS: LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



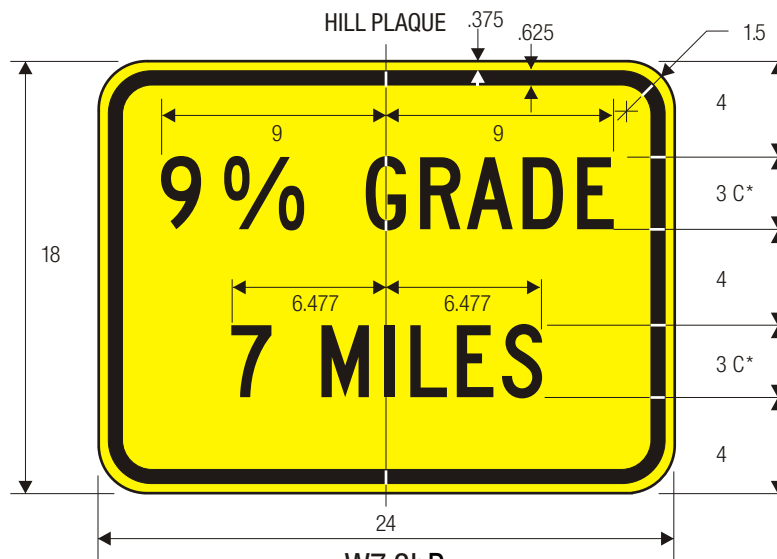
W7-3P

HILL PLAQUE



W7-3aP

HILL PLAQUE

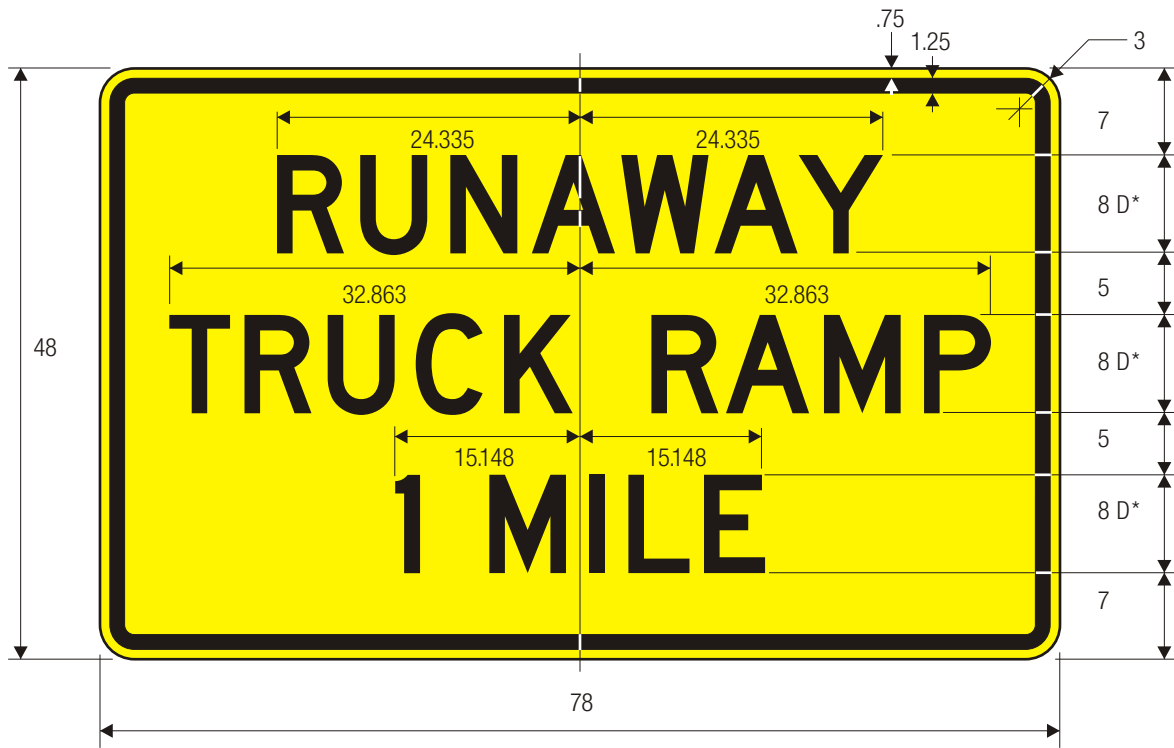


W7-3bP

HILL PLAQUE

*Series 2000 Standard Alphabets.

COLORS: LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W7-4

TRUCK ESCAPE RAMP



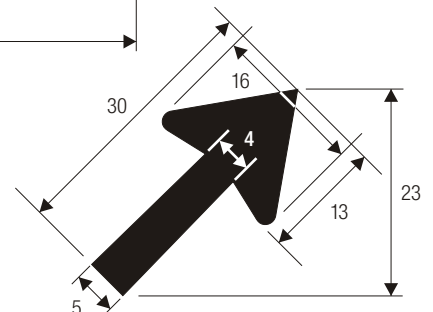
W7-4b

TRUCK ESCAPE RAMP

*Series 2000 Standard Alphabets.

**See page 6-3 for arrow design.

COLORS: LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)



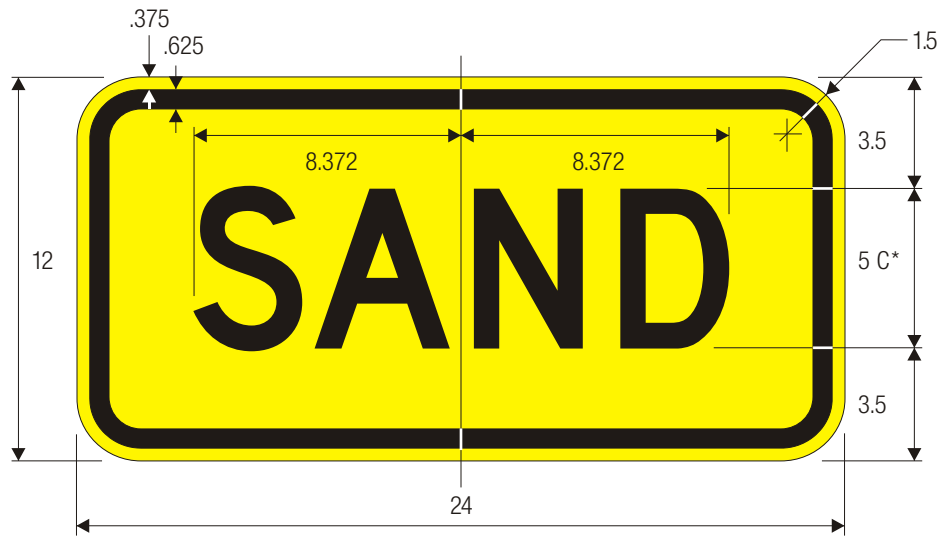


W7-4c

*Series 2000 Standard Alphabets.

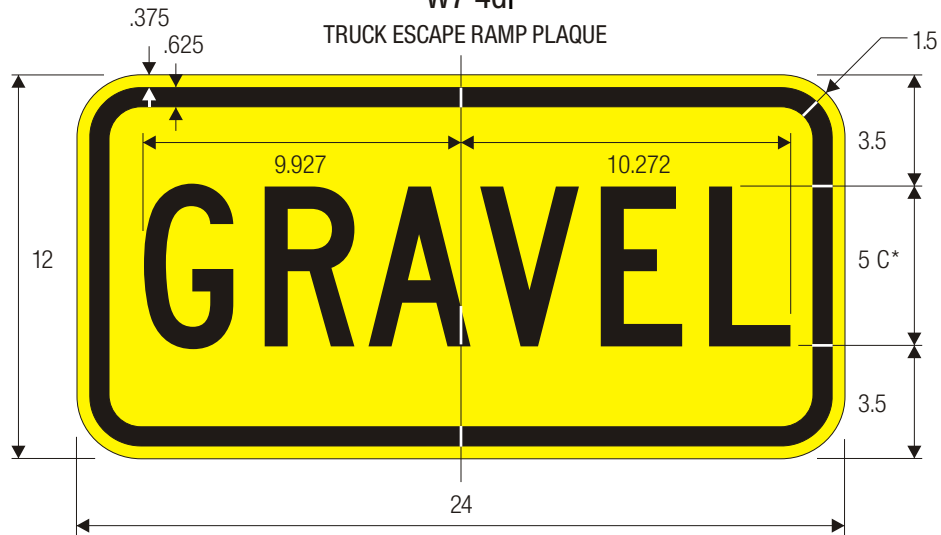
TRUCK ESCAPE RAMP

COLORS: LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



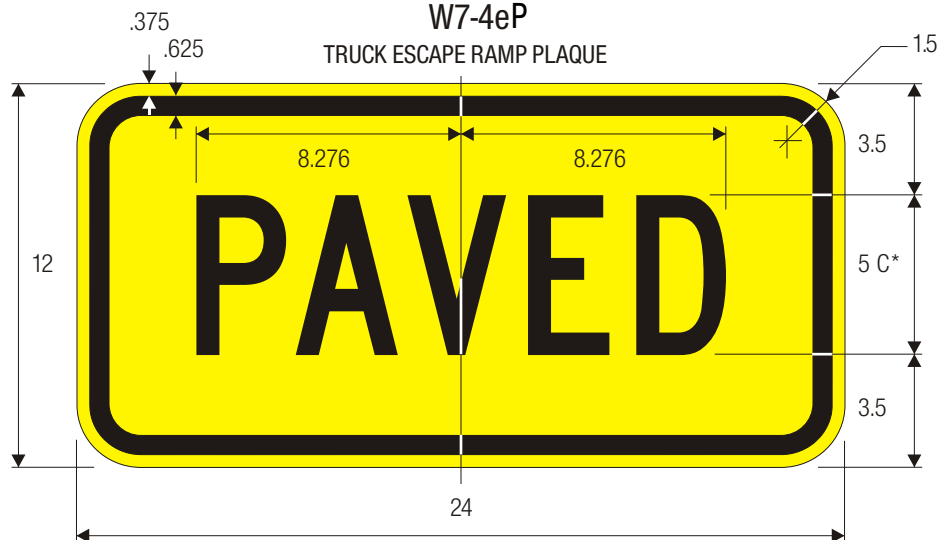
W7-4dP

TRUCK ESCAPE RAMP PLAQUE



W7-4eP

TRUCK ESCAPE RAMP PLAQUE

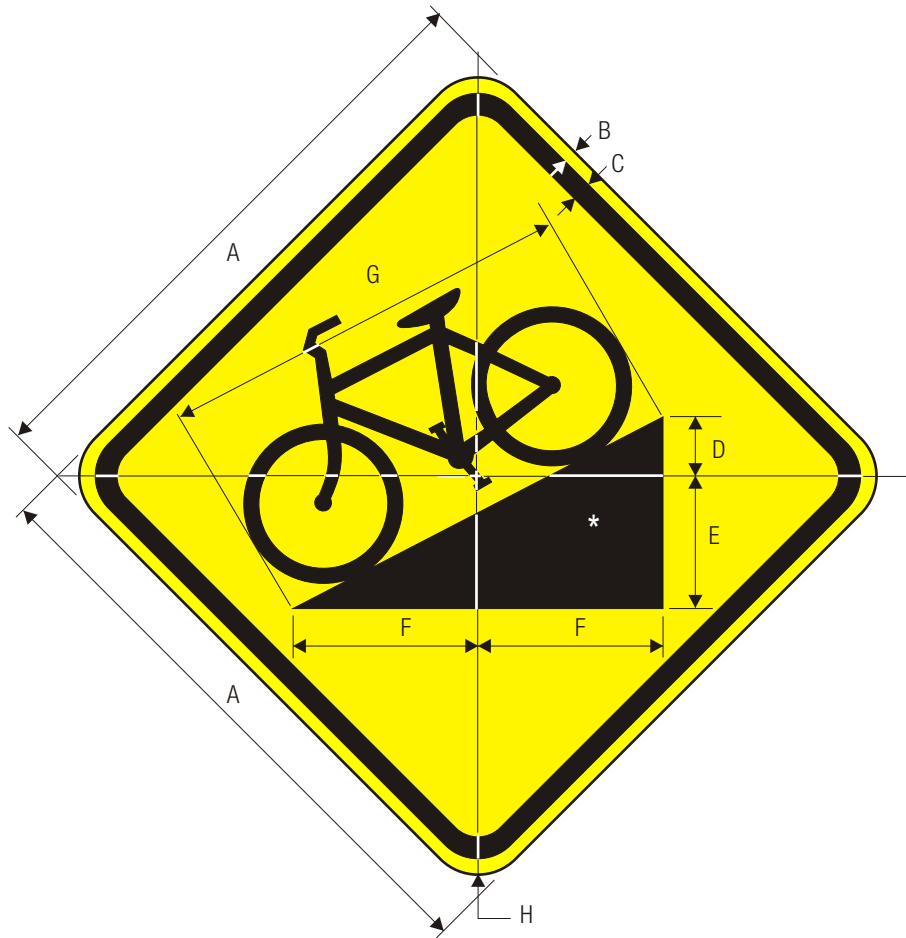


W7-4fP

TRUCK ESCAPE RAMP PLAQUE

*Series 2000 Standard Alphabets.

COLORS: LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

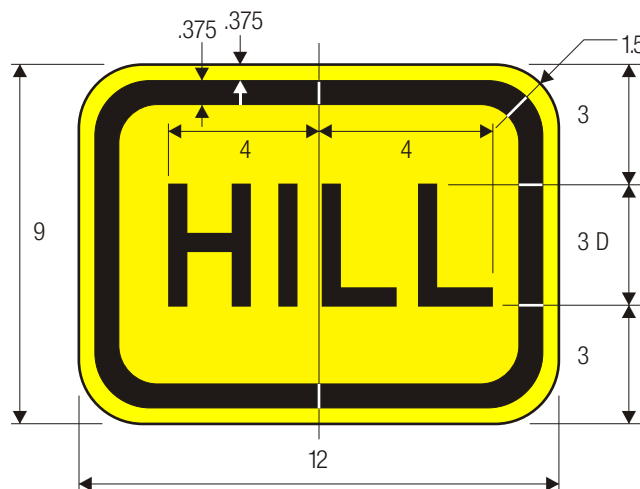


W7-5

*See page 6-7 for symbol design.

BICYCLE HILL

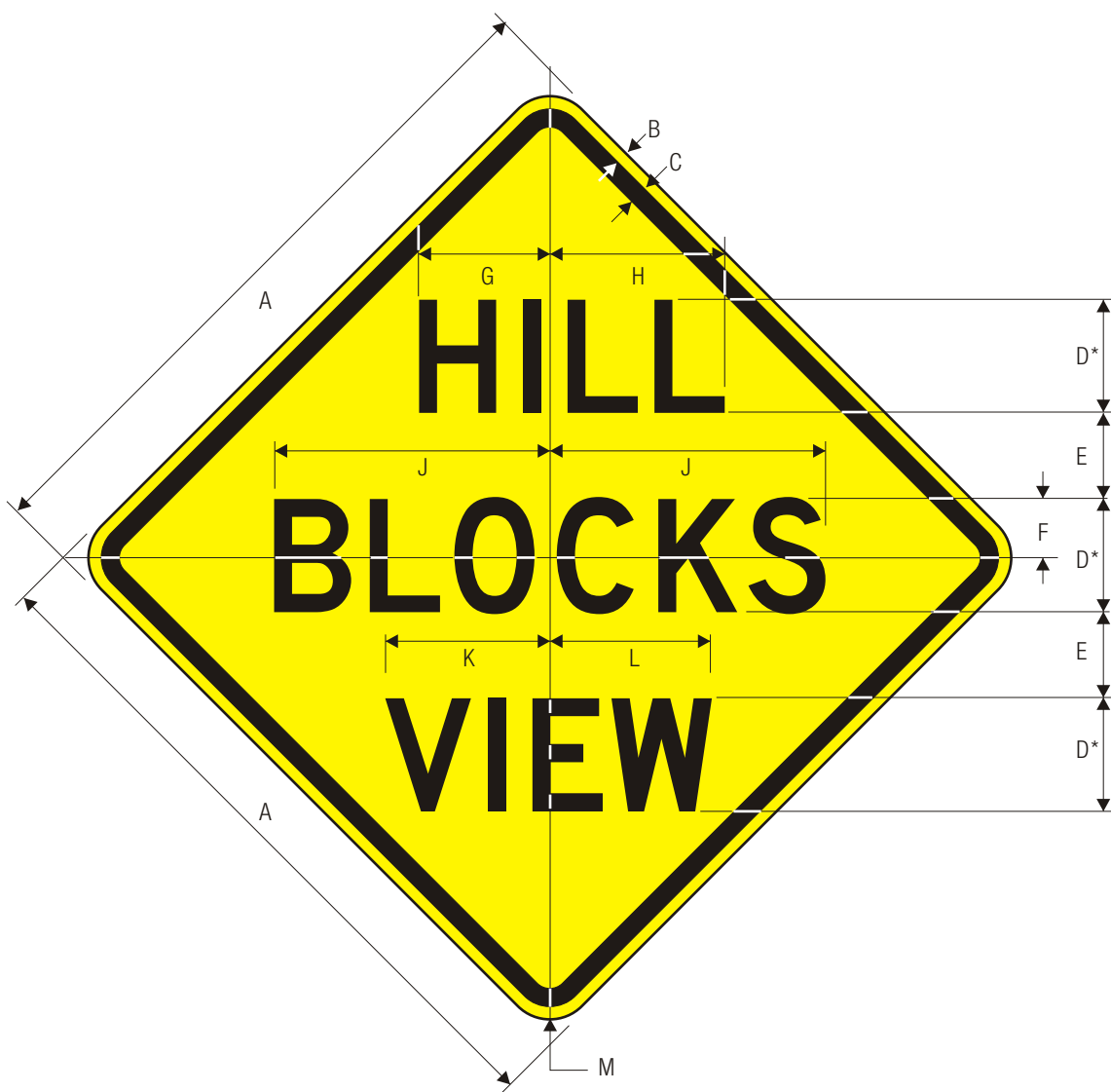
A	B	C	D	E	F	G	H
18	.375	.625	1.75	4	5.625	12.625	1.5
24	.375	.625	2.3	5.3	7.5	16.833	1.5



W7-5aP

HILL (PLAQUE)

COLORS: LEGEND, — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



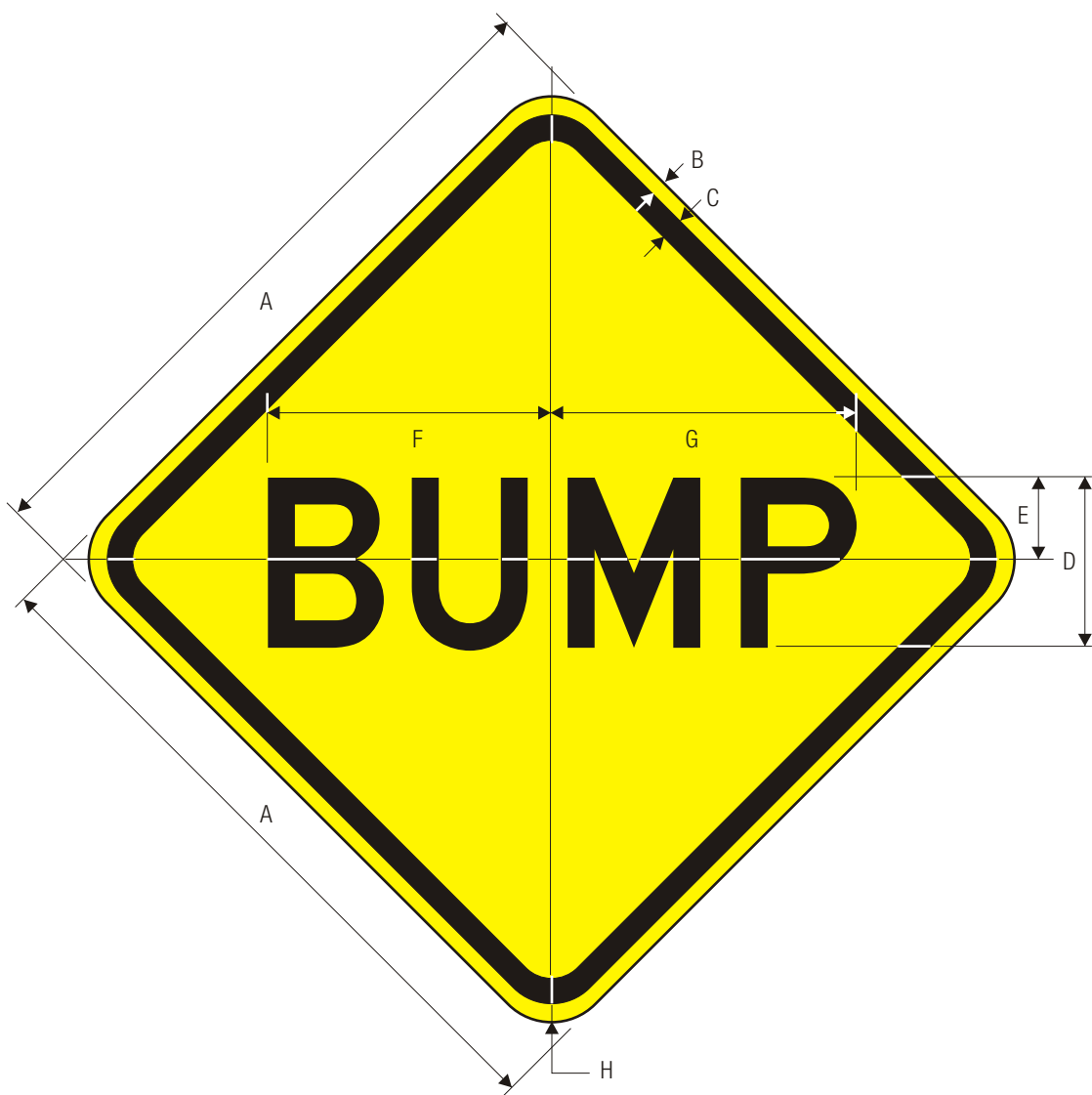
W7-6
HILL BLOCKS VIEW

*Series 2000 Standard Alphabets.

A	B	C	D	E	F	G	H	J	K	L	M
24	.375	.625	4 D	3	2	4.803	6	9.747	5.844	5.724	1.5
30	.5	.75	5 D	3.802	2.601	5.764	7.765	12.189	7.285	7.165	1.875
36	.625	.875	6 D	4.483	3	6.845	9.367	14.631	8.886	8.446	2.25
48	.75	1.25	7 D	5.243	3.522	8.326	10.608	17.052	10.167	10.047	3

C

COLORS: LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)



W8-1

BUMP

C

A	B	C	D	E	F	G	H
18	.375	.625	4 D	2	6.489	7.341	1.5
24	.375	.625	6 D	3	10.188	10.813	1.5
30	.5	.75	8 D	4	13.625	14.375	1.875
36	.625	.875	10 D	5	16.938	17.938	2.25
48	.75	1.25	12 D	6	20.375	21.625	3

WARNING SIGN COLORS:

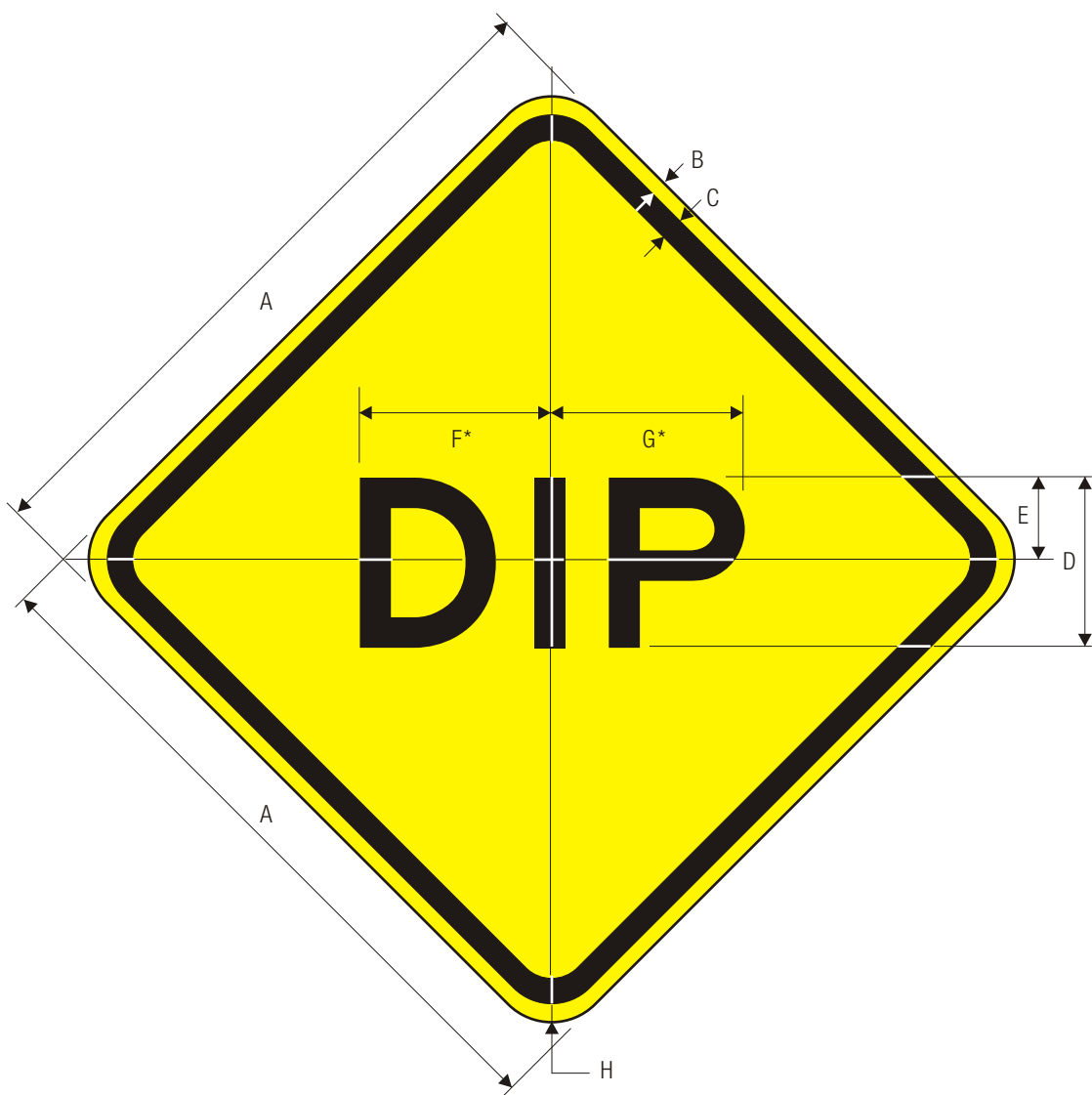
LEGEND — BLACK

BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W8-2
DIP

*Increase spacing 50%

A	B	C	D	E	F	G	H
18	.375	.625	5 E	2.5	5.813	6.71	1.5
24	.375	.625	6 E	3	7.125	8.125	1.5
30	.5	.75	8 E	4	9.5	10.875	1.875
36	.625	.875	10 E	5	11.875	13.5	2.25
48	.75	1.25	12 E	6	14.25	16.25	3

WARNING SIGN COLORS:

LEGEND — BLACK

BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)

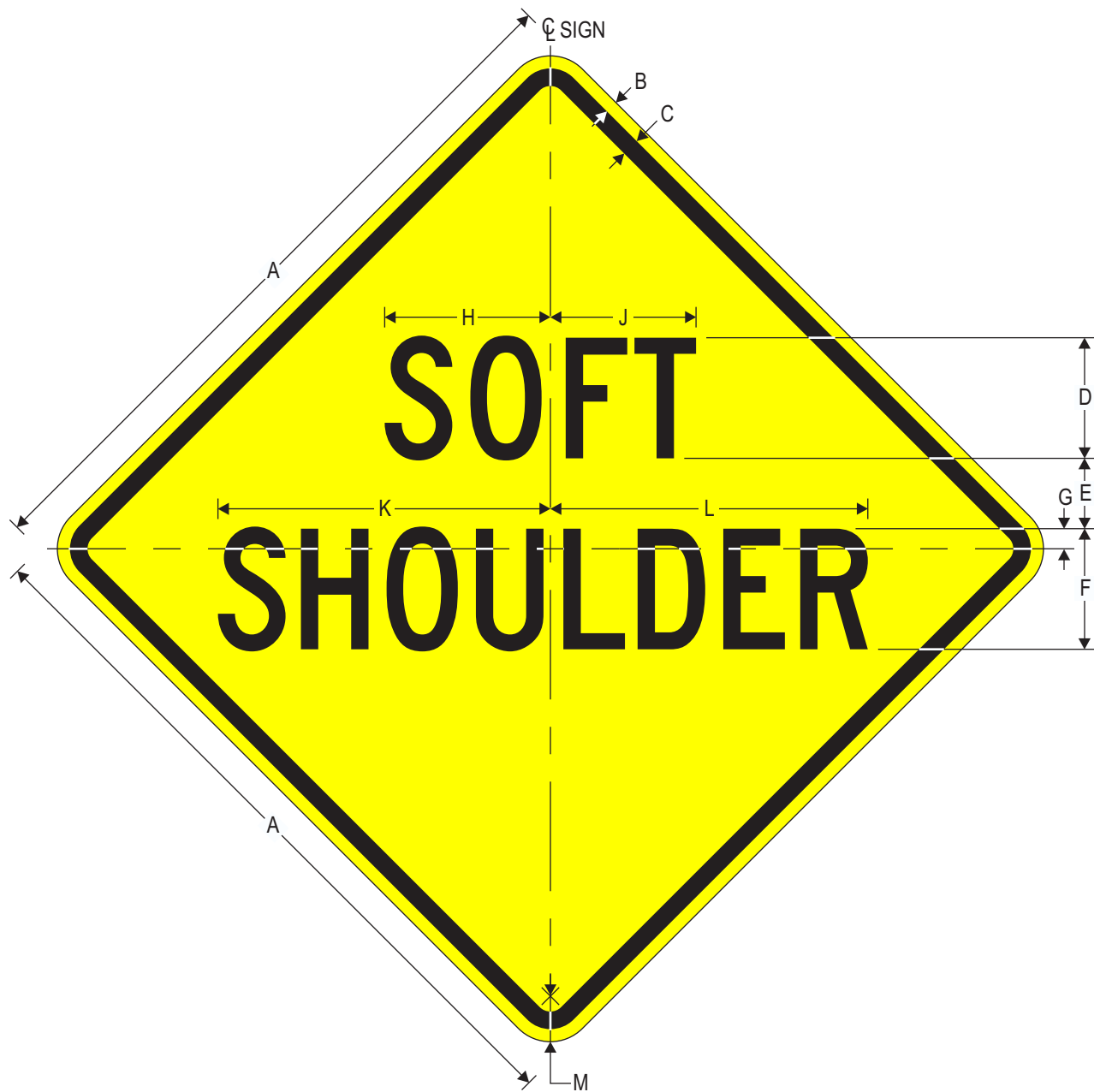


W8-3
PAVEMENT ENDS

A	B	C	D	E	F	G	H	J	K
18	0.375	0.625	3 C	1.75	0.5	8.375	3.938	4.125	1.5
30	0.5	0.75	5 C	3	0.75	13.938	6.625	6.875	1.875
36	0.625	0.875	6 C	3.5	1	16.75	7.875	8.25	2.25
48	0.75	1.25	8 C	5	1	22.376	10.626	10.876	3

WARNING SIGN
 COLORS: LEGEND, BORDER — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN
 COLORS: LEGEND, BORDER — BLACK
 BACKGROUND — ORANGE (RETROREFLECTIVE)



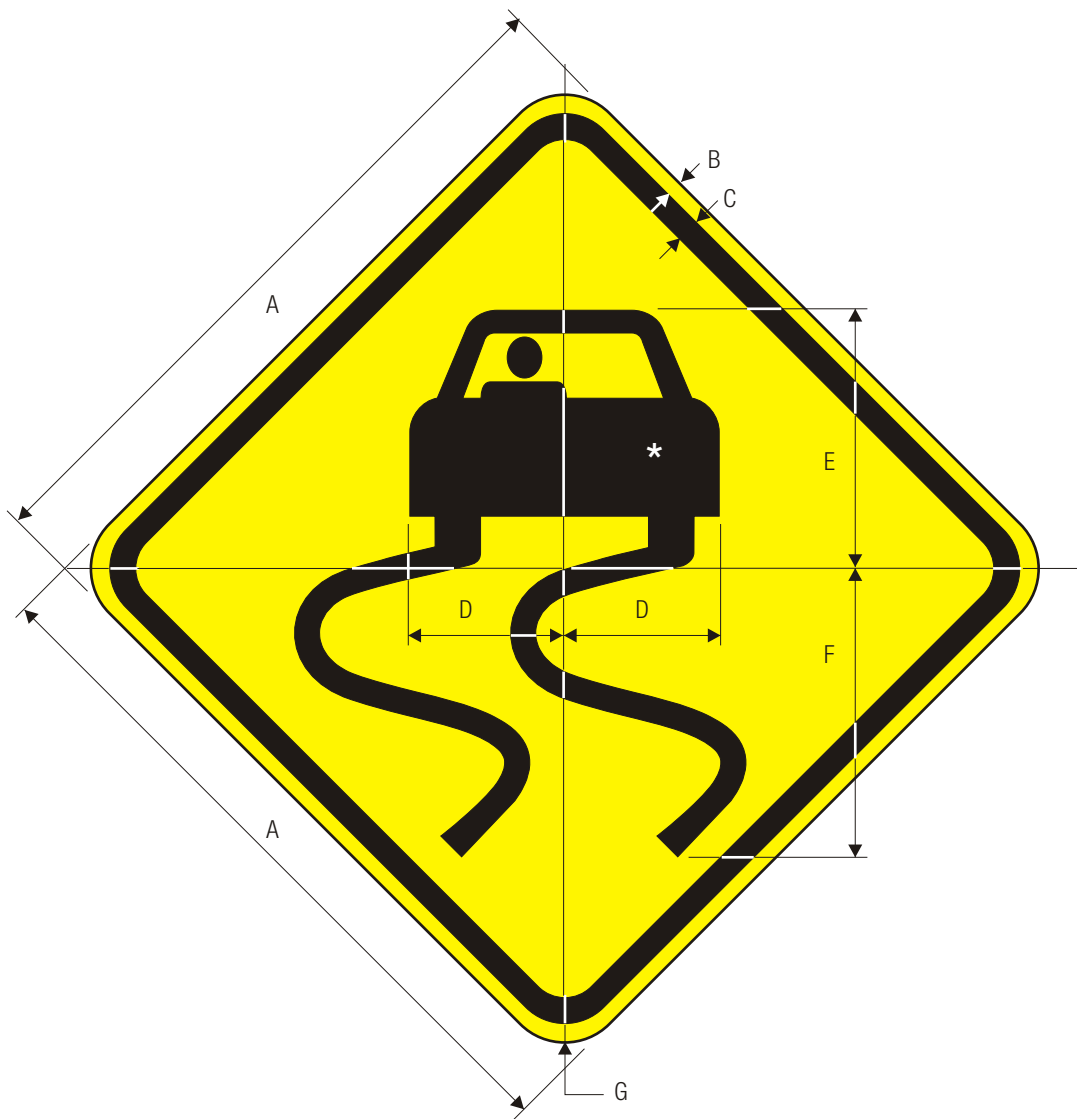
W8-4
SOFT SHOULDER

* Reduce character spacing 25%.

A	B	C	D	E	F	G	H	J	K	L	M
18	0.375	0.625	3 C	1.75	3 C*	0.625	4.184	3.559	8.268	7.893	1.5
24	0.375	0.625	4 C	2.5	4 C*	0.5	5.537	4.787	11.024	10.524	1.5
30	0.5	0.75	5 C	3	5 C*	0.75	6.89	6.015	13.78	13.155	1.875
36	0.625	.875	6 C	3.5	6 C*	1	8.243	7.243	16.536	15.786	2.25
48	0.75	1.25	8 C	5	8 C*	1.25	10.949	9.699	22.048	21.048	3

WARNING SIGN
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W8-5
SLIPPERY WHEN WET

*See page 6-23 for symbol design.

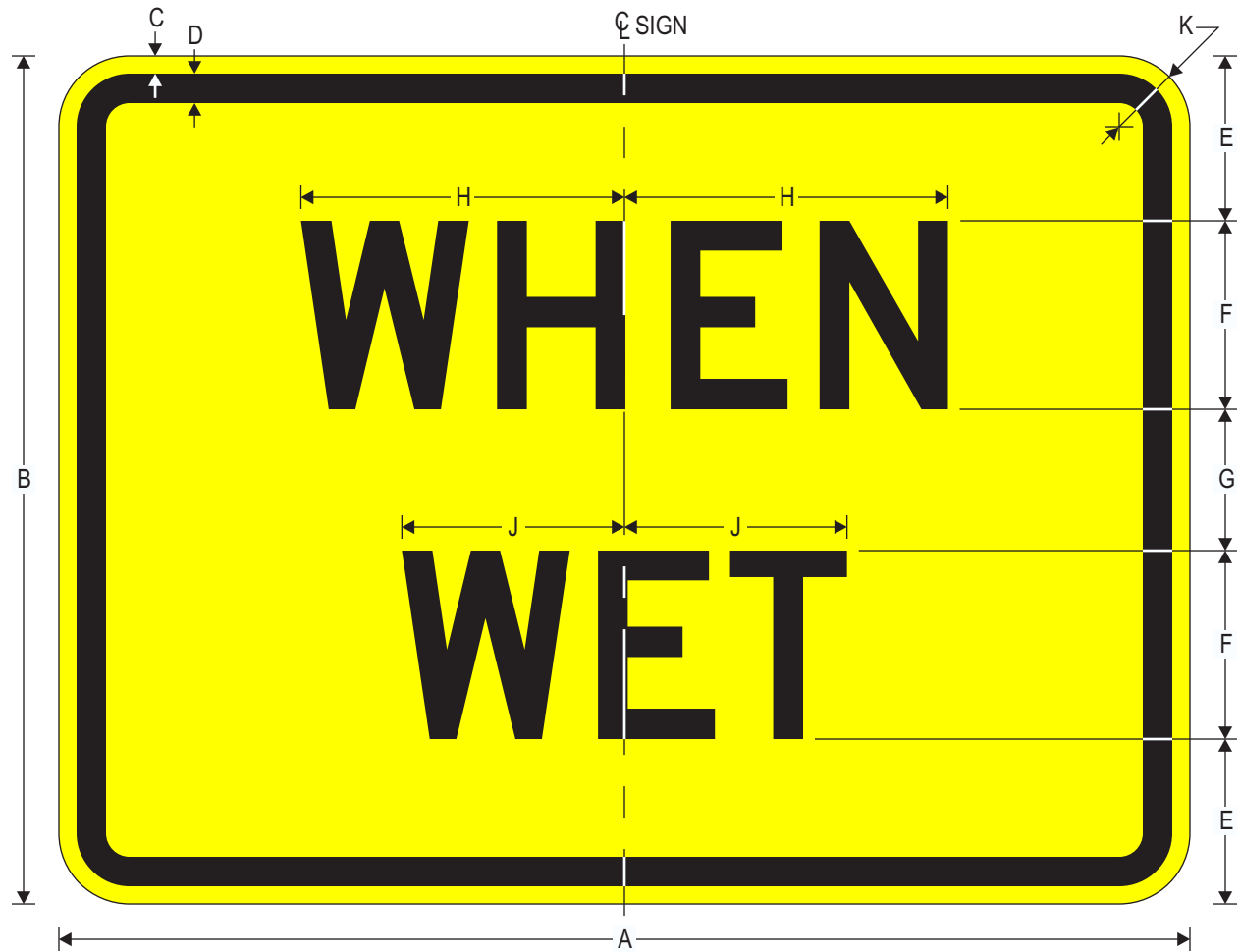
	A	B	C	D	E	F	G
	24	.375	.625	6.313	8.688	9.875	1.5
C	30	.5	.75	8	11	12.5	1.875
	36	.625	.875	9.5	13	14.813	2.25
	48	.75	1.25	12.625	17.375	19.75	3

WARNING SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)

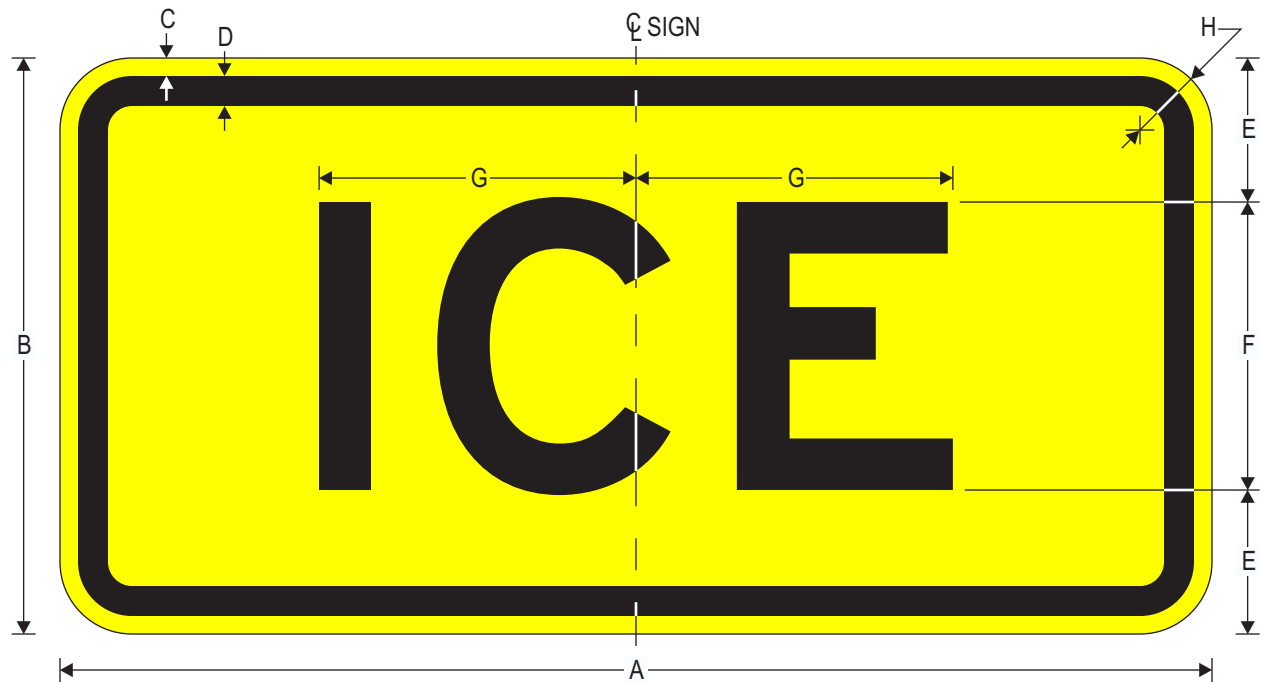


W8-5P
WHEN WET (PLAQUE)

A	B	C	D	E	F	G	H	J	K
24	18	0.375	0.625	3.5	4 D	3	6.865	4.722	1.5
30	24	0.375	0.625	4.25	6 D	3.5	10.297	7.083	1.5
36	30	0.5	0.75	5.75	7 D	4.5	12.013	8.264	1.875

WARNING SIGN
 COLORS: LEGEND, BORDER — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN
 COLORS: LEGEND, BORDER — BLACK
 BACKGROUND — ORANGE (RETROREFLECTIVE)



W8-5aP
ICE

A	B	C	D	E	F	G	H
24	12	0.375	0.625	3	6 E	6.602	1.5
30	18	0.375	0.625	5	8 E	8.802	1.5

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



A	B	C	D	E	F	G	H	J	K
24	18	0.375	0.625	3.5	4 D	3	7.464	6.545	1.5
30	24	0.375	0.625	5	5 D	4	9.330	8.181	1.5
36	30	0.5	0.75	5.75	7 D	4.5	13.061	11.453	1.875

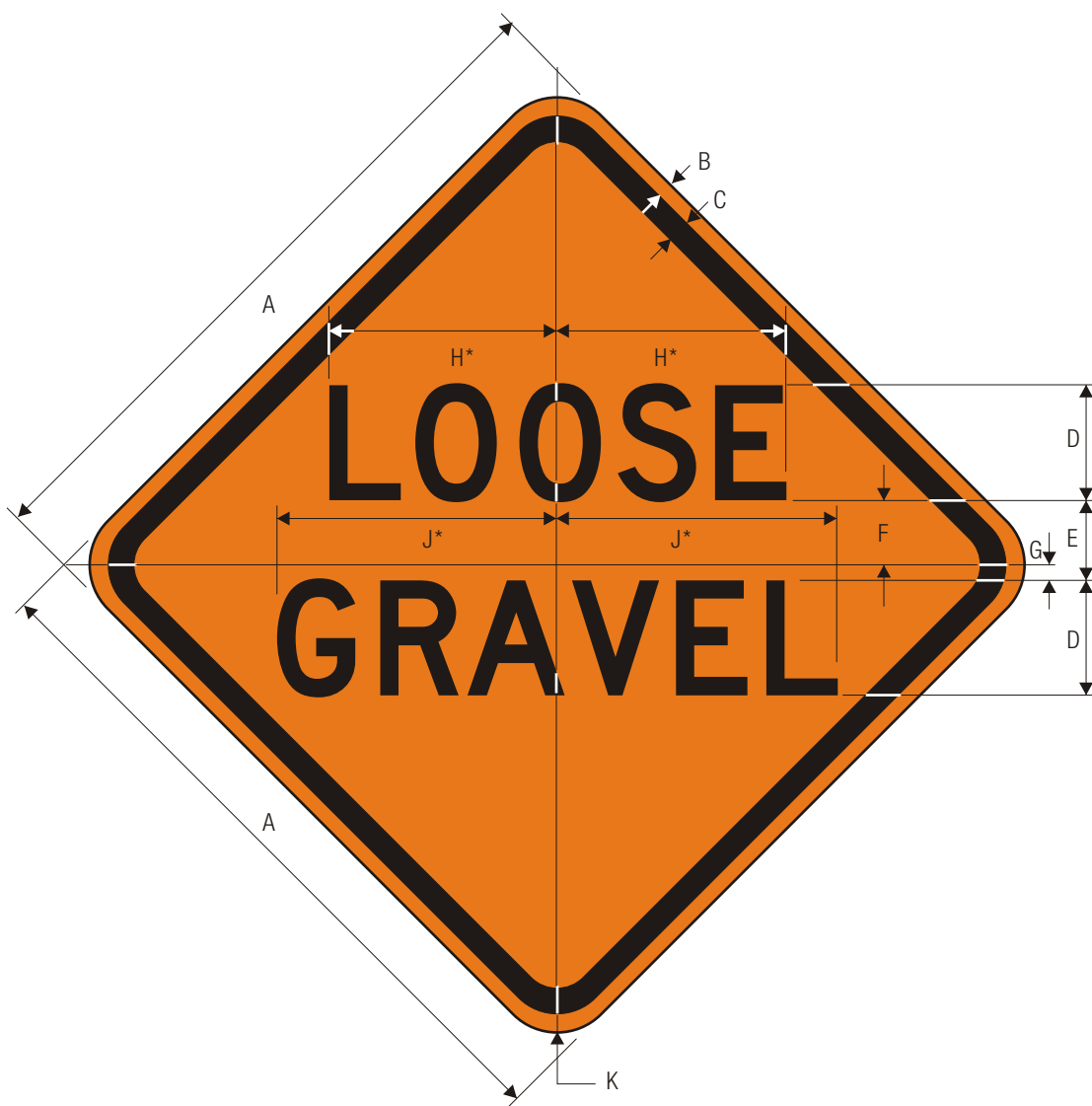
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W8-5cP
EXCESS OIL (PLAQUE)

A	B	C	D	E	F	G	H	K	M
24	18	0.375	0.625	3.5	4 D	3	9.267	3.902	1.5
30	24	0.375	0.625	5	5 D	4	11.584	4.877	1.5
36	30	0.5	0.75	6.5	6 D	5	13.901	5.852	1.875

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W8-7

LOOSE GRAVEL

*Reduce spacing 40%

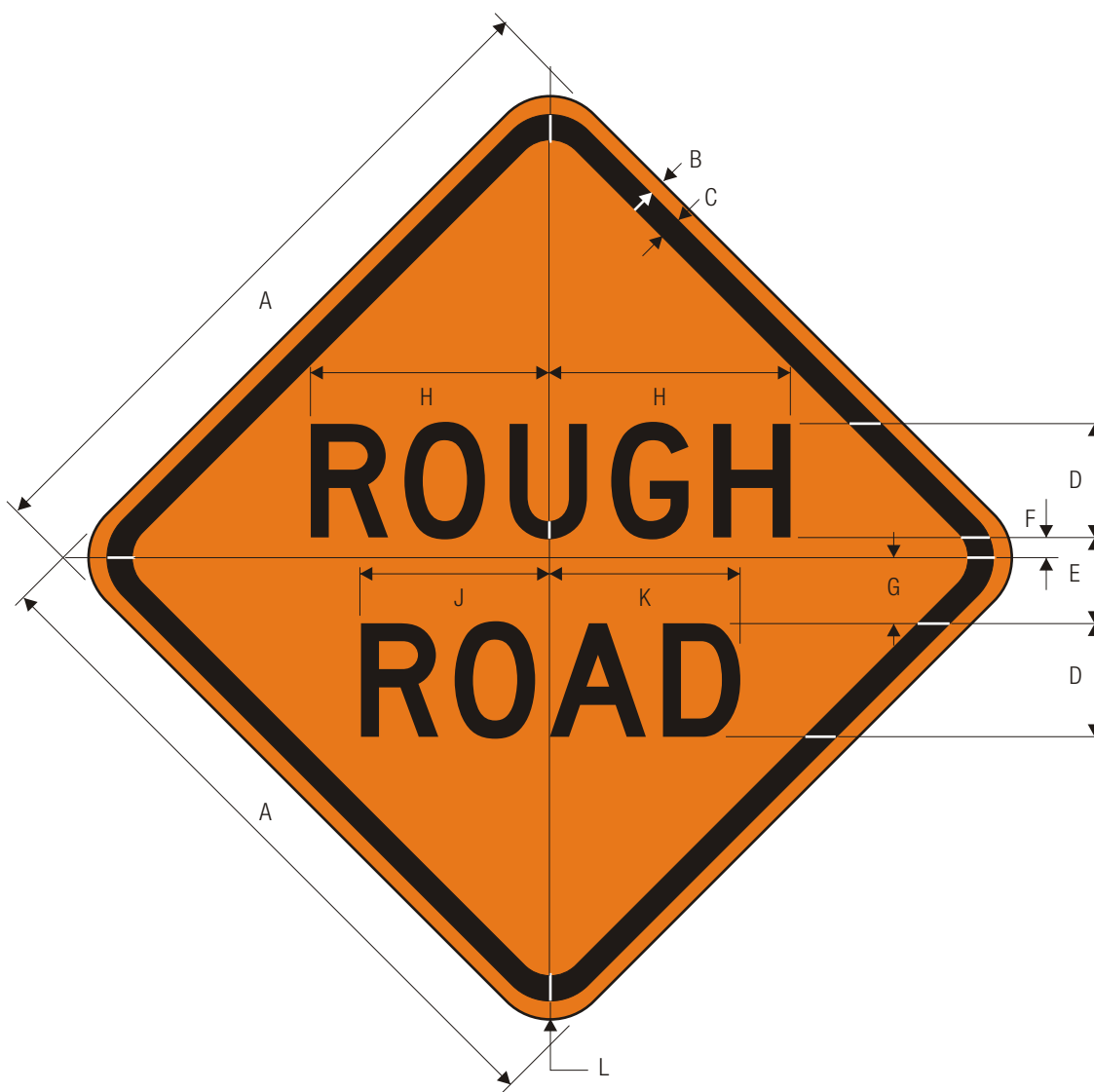
	A	B	C	D	E	F	G	H	J	K
	24	.375	.625	4 D	2.75	2.25	.5	7.563	9.313	1.5
C	30	.5	.75	5 D	3.438	2.813	.625	9.438	11.688	1.875
	36	.625	.875	6 D	4.125	3.375	.75	11.313	14	2.25
	48	.75	1.25	8 D	5.5	4.5	1	15.125	18.688	3

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W8-8

LOOSE GRAVEL

C

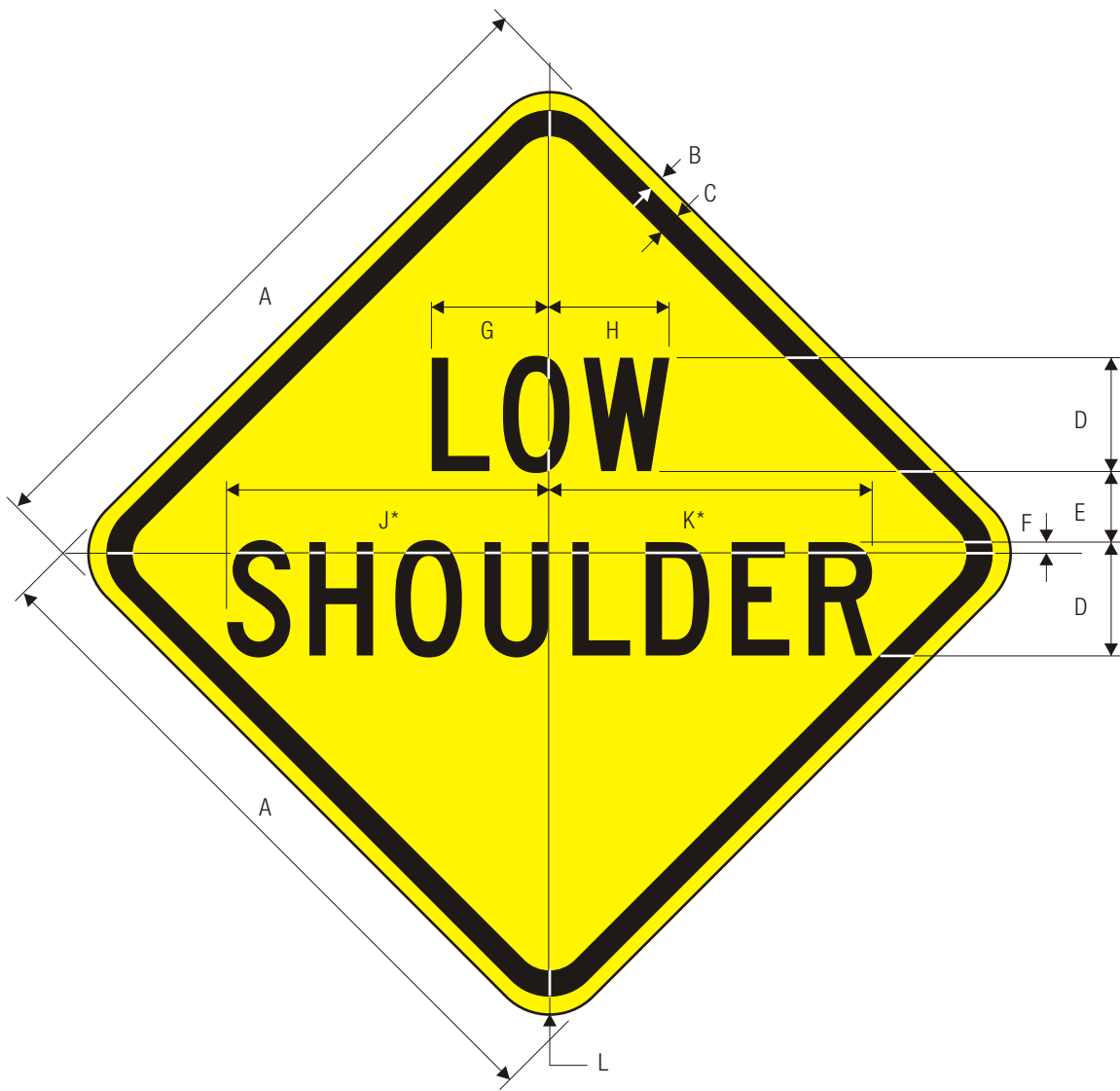
A	B	C	D	E	F	G	H	J	K	L
24	.375	.625	4 D	3	.75	2.25	8.563	6.75	7	1.5
30	.5	.75	5 D	4	.875	3.125	10.688	8.438	8.75	1.875
36	.625	.875	6 D	5	1	4	12.875	10.125	10.5	2.25
48	.75	1.25	8 D	6	1.5	4.5	17.125	13.5	14	3

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W8-9

LOW SHOULDER

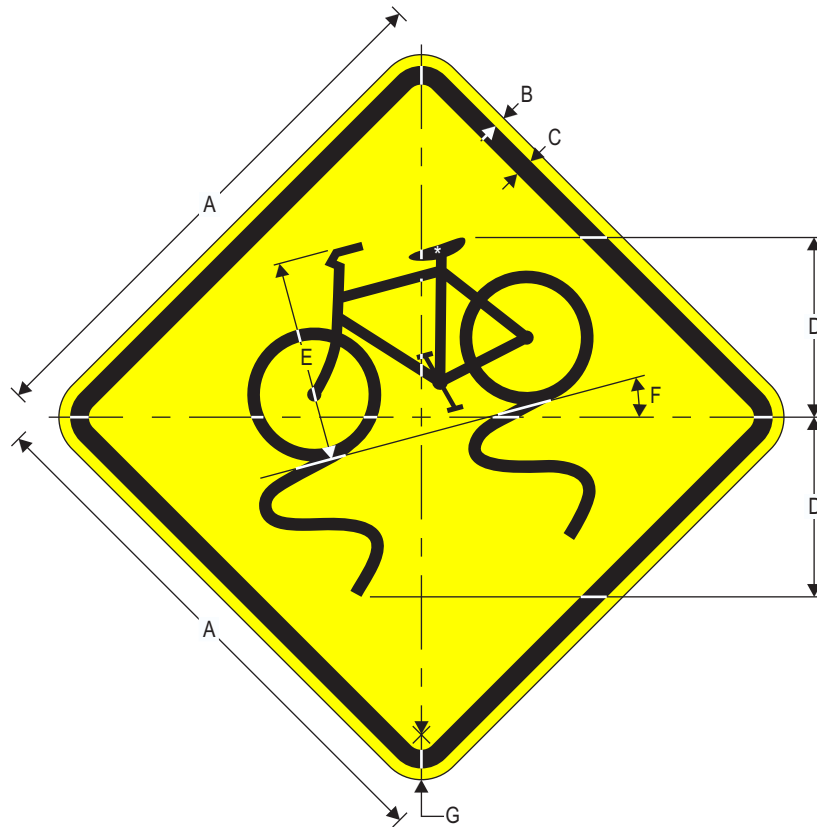
A	B	C	D	E	F	G	H	J	K	L
24	.375	.625	4 C	2.25	.5	4.125	4.5	10.938	10.438	1.5
30	.5	.75	5 C	3	.75	5.188	5.625	13.688	13.063	1.875
36	.625	.875	6 C	3.5	1	6.188	6.75	16.5	15.75	2.25
48	.75	1.25	8 C	5	1.25	8.25	9	21.875	20.875	3

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W8-10

BICYCLE SURFACE CONDITION

A	B	C	D	E	F	G
18	0.375	0.625	6	6.75	15°	1.5
30	0.5	0.75	10	11.25	15°	1.875

* See page 6-7 for symbol design.



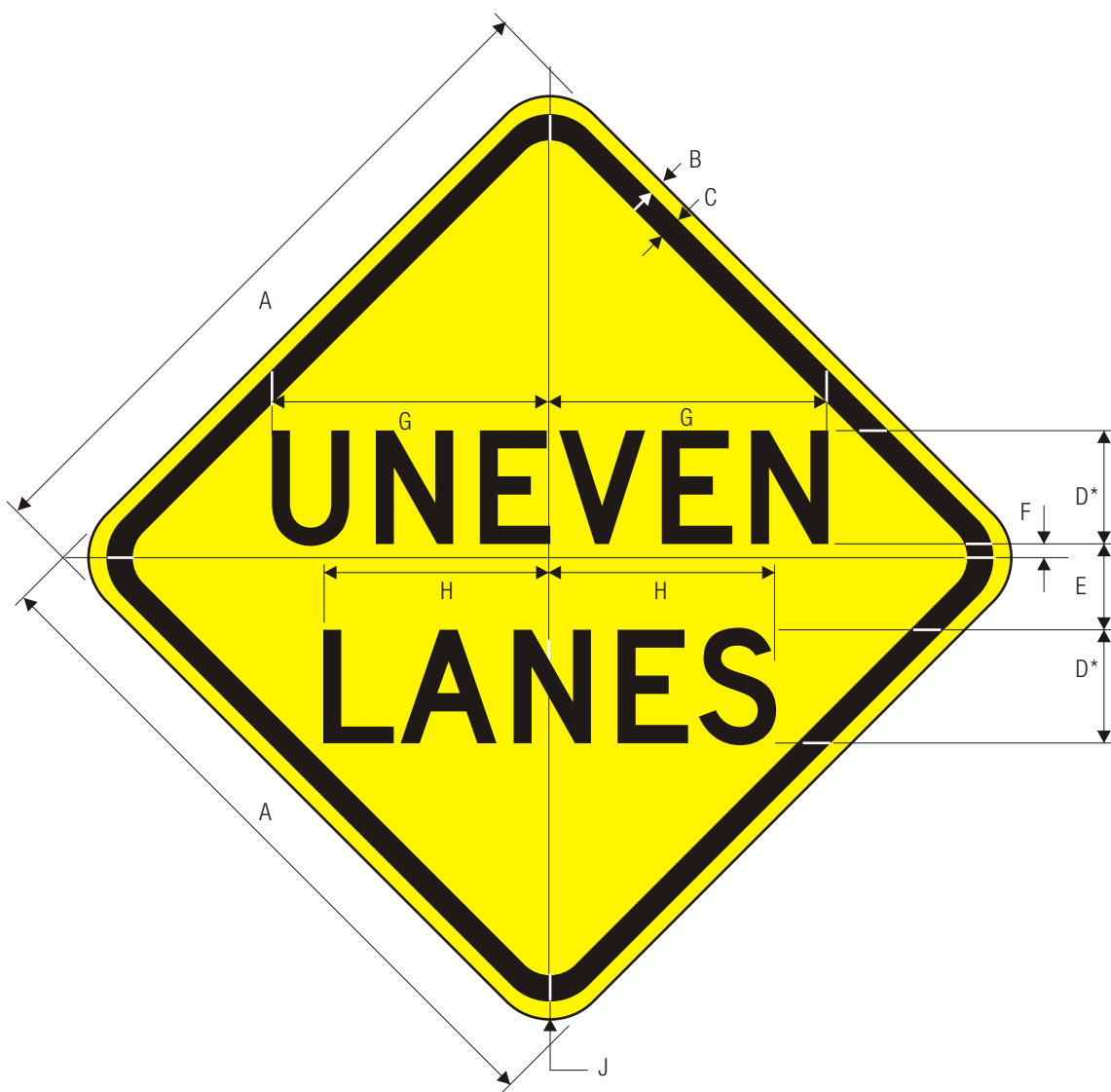
W8-10P

SLIPPERY WHEN WET (PLAQUE)

** Reduce character spacing 50%.

H	J	K	L	M	N	P	Q	R	S	T	U	V
12	9	0.375	0.375	2	2 C	1.5	1.5 C	5	5.25	4.625	4.25	1.5
24	18	0.375	0.625	4	4 C	3	3 C	10	10.375	9	8.625	1.5

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W8-11

UNEVEN LANES

*Series 2000 Standard Alphabets.

	A	B	C	D	E	F	G	H	J
	24	.375	.625	4 D	3	.640	9.807	7.986	1.5
C	30	.5	.75	5 D	3.762	.800	12.249	9.967	1.875
	36	.625	.875	6 D	4.523	.960	14.711	11.969	2.25
	48	.75	1.25	8 D	6	1.280	19.614	15.952	3

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W8-12
NO CENTER LINE

A	B	C	D	E	F	G	H	J	K
30	0.5	0.75	5 D	3.75	3.5	4.028	11.908	6.778	1.875
36	0.625	0.875	6 D	4.5	4	4.834	14.289	8.134	2.25
48	0.75	1.25	8 D	6	5.75	6.445	19.052	10.845	3

WARNING SIGN

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



* Reduce character spacing 40%.
 ** Reduce character spacing 50%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	0.375	0.625	4 C*	2	1.75	4 C**	6.911	8.123	2.5	2.002	12.624	5.194	1.5
36	0.625	0.875	5 C	3.75	2.5	5 C	9.578	11.454	4	2.452	17.906	6.903	2.25
48	0.75	1.25	7 C	5.25	3.5	7 C	13.41	16.035	5	3.868	24.633	9.664	3

COLORS: LEGEND, BORDER — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)



W8-14
FALLEN ROCKS

A	B	C	D	E	F	G	H	J	K
24	0.375	0.625	4 D	1	2	9.385	7.997	8.496	1.5
30	0.5	0.75	5 D	1.125	2.5	11.731	10.058	10.558	1.875
36	0.625	0.875	6 D	1.5	3	14.077	12.120	12.620	2.25
48	0.75	1.25	8 D	2	4	18.769	15.993	16.993	3

WARNING SIGN
 COLORS: LEGEND, BORDER — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN
 COLORS: LEGEND, BORDER — BLACK
 BACKGROUND — ORANGE (RETROREFLECTIVE)

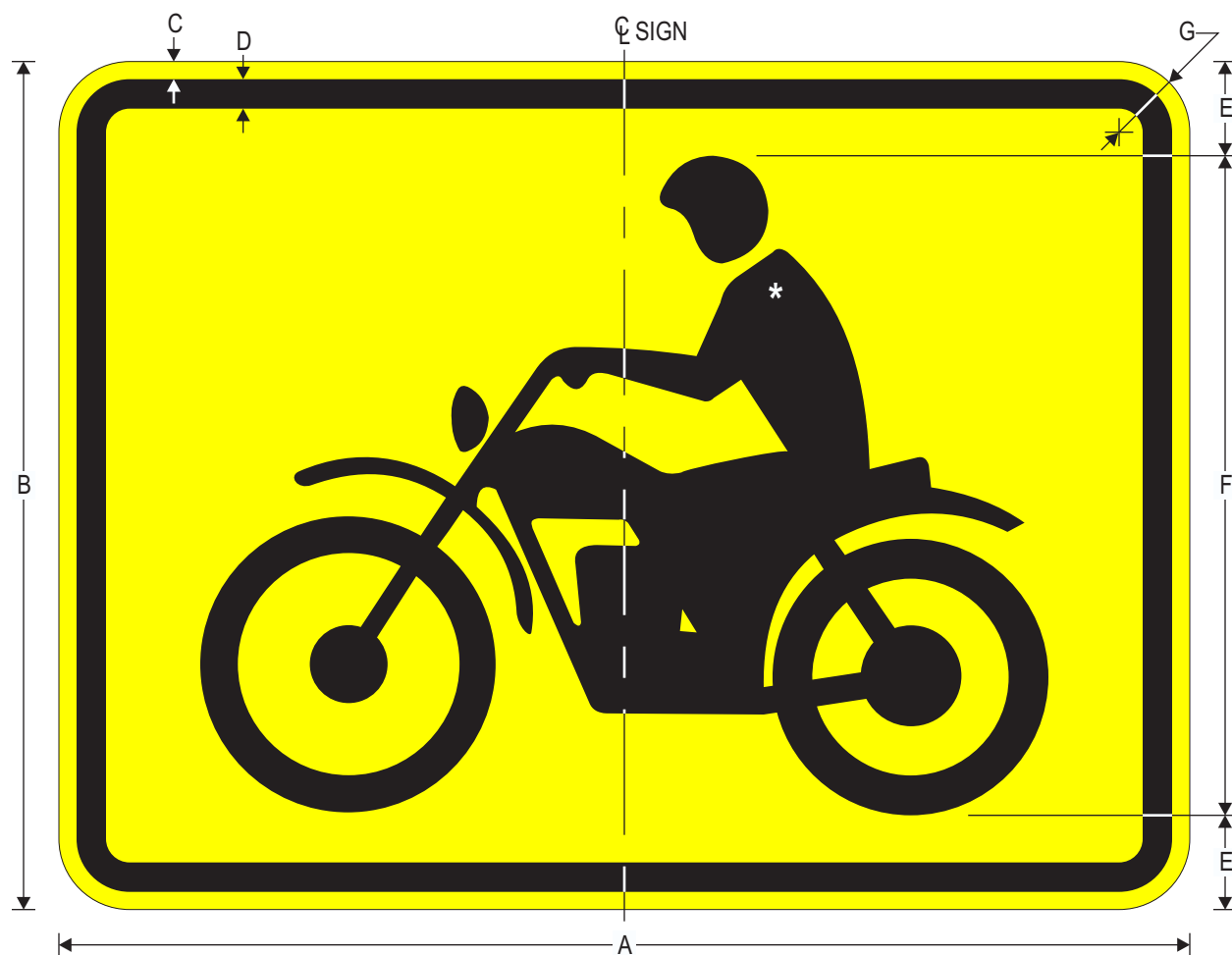


W8-15
GROOVED PAVEMENT

* Reduce character spacing 20%.

A	B	C	D	E	F	G	H	J	K
24	0.375	0.625	4 C*	1.75	0.25	9.520	10.527	11.026	1.5
30	0.5	0.75	5 C*	2.25	0.25	11.900	13.222	13.721	1.875
36	0.625	0.875	6 C*	2.625	0.375	14.280	15.665	16.665	2.25
48	0.75	1.25	8 C*	3.5	0.5	19.039	21.053	22.053	3.0

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W8-15P
MOTORCYCLE (PLAQUE)

* See page X-XX for symbol design.

A	B	C	D	E	F	G
24	18	0.375	0.625	2.0	14.0	1.5
30	24	0.375	0.625	3.25	17.5	1.5
36	30	0.5	0.75	4.5	21.0	1.875

WARNING SIGN

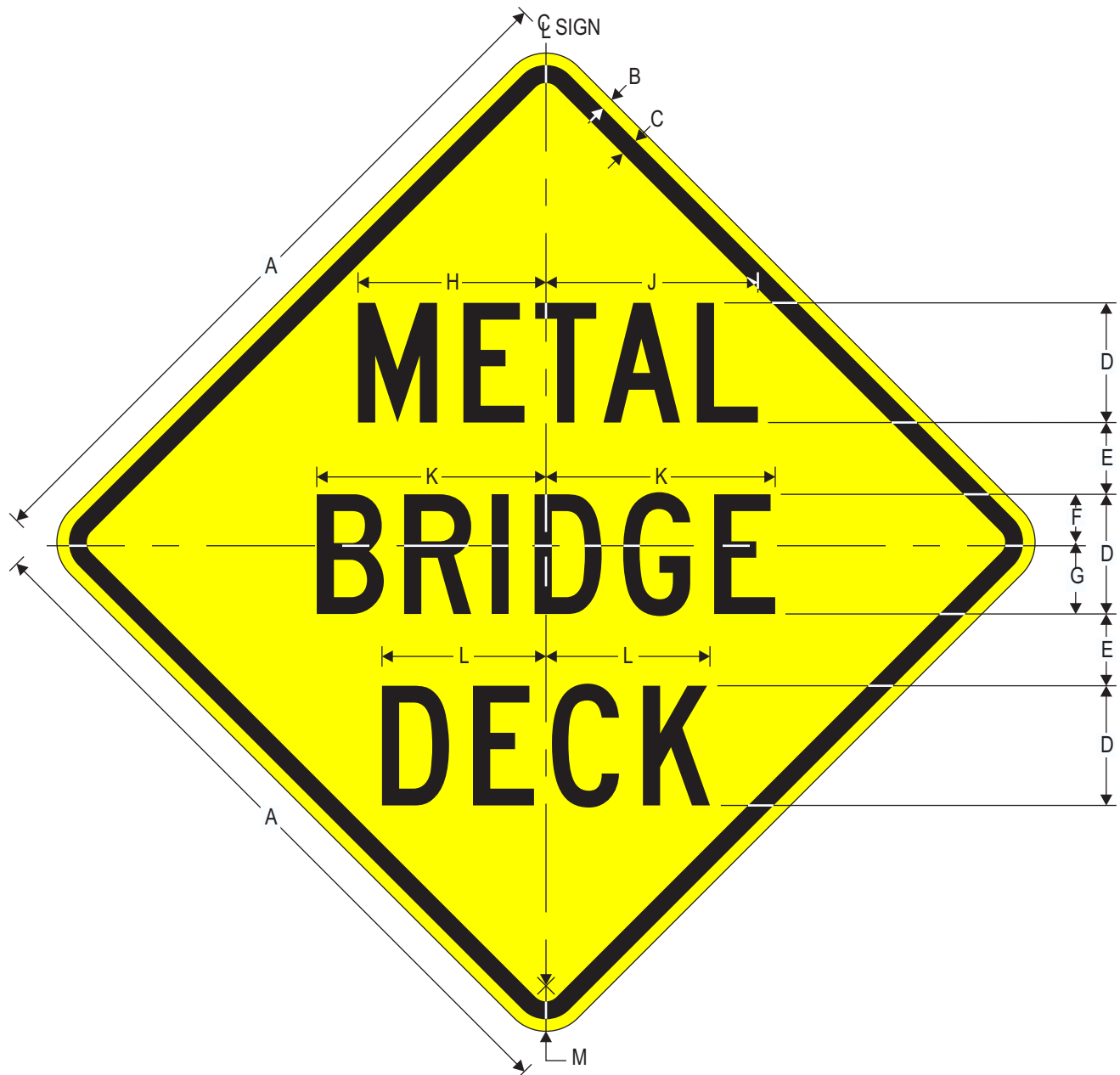
COLORS: LEGEND
BACKGROUND

— BLACK
— YELLOW (RETROREFLECTIVE)

TTC SIGN

COLORS: LEGEND
BACKGROUND

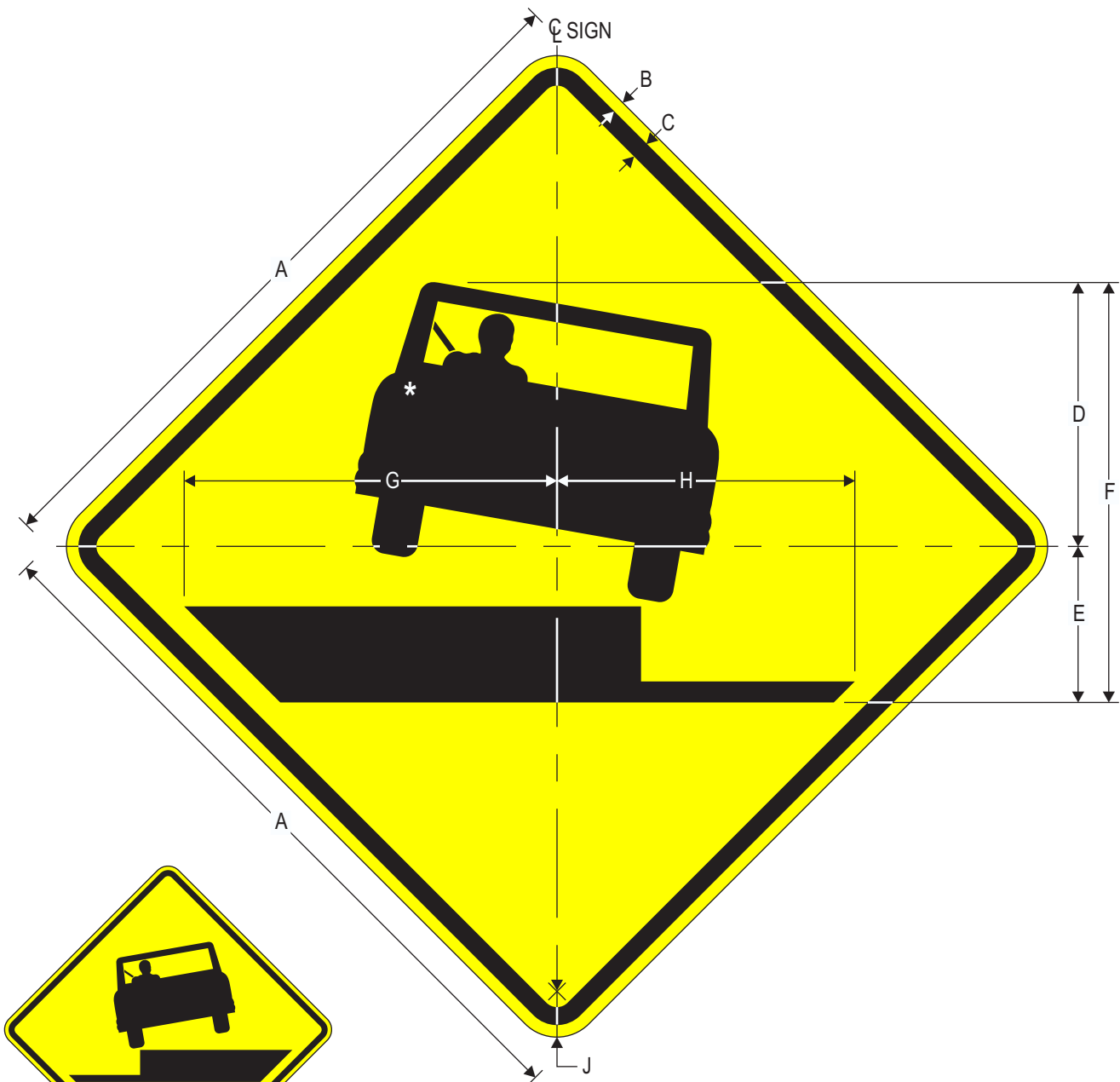
— BLACK
— ORANGE (RETROREFLECTIVE)



W8-16
METAL BRIDGE DECK

A	B	C	D	E	F	G	H	J	K	L	M
24	0.375	0.625	4 C	2.5	1.5	2.5	6.308	7.058	7.663	5.482	1.5
30	0.5	0.75	5 C	3	2	3	7.854	8.854	9.578	6.853	1.875
36	0.625	0.875	6 C	3.75	2.25	3.75	9.462	10.587	11.494	8.223	2.25
48	0.75	1.25	8 C	5	3	5	12.616	14.116	15.325	10.964	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W8-17R
SHOULDER DROP-OFF

W8-17L

* See page X-XX for symbol design.

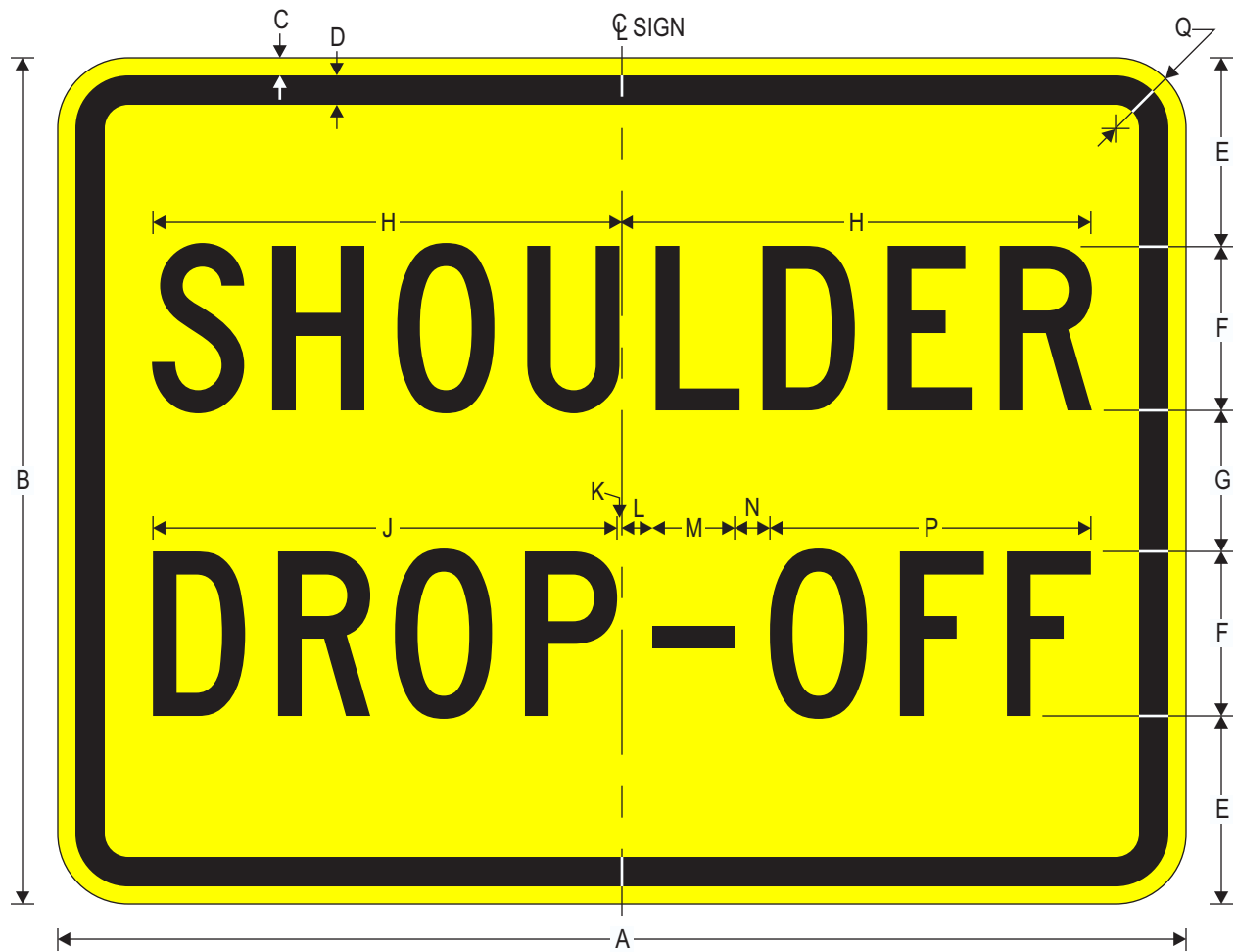
A	B	C	D	E	F	G	H	J
24	0.375	0.625	9	5	14	12.421	9.929	1.5
30	0.5	0.75	11	6.5	17.5	15.564	12.373	1.875
36	0.625	0.875	13.5	7.5	21	18.630	14.895	2.25
48	0.75	1.25	18	10	28	24.850	19.850	3

WARNING SIGN
COLORS: LEGEND
BACKGROUND

— BLACK
— YELLOW (RETROREFLECTIVE)

TTC SIGN
COLORS: LEGEND
BACKGROUND

— BLACK
— ORANGE (RETROREFLECTIVE)



W8-17P

SHOULDER DROP-OFF (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
24	18	0.375	0.625	4	3.5 C	3	9.996	9.874	0.103	0.647	1.75	0.75	6.827	1.5
30	24	0.375	0.625	6	4 C	4	11.424	11.284	0.260	0.740	2	1	7.803	1.5
36	30	0.5	0.75	7.5	5 C	5	14.280	14.105	0.075	0.925	2.5	1	9.754	1.875

WARNING SIGN

COLORS: LEGEND
BACKGROUND

— BLACK
— YELLOW (RETROREFLECTIVE)

TTC SIGN

COLORS: LEGEND
BACKGROUND

— BLACK
— ORANGE (RETROREFLECTIVE)

MI



W8-18
ROAD MAY FLOOD

A	B	C	D	E	F	G	H	J	K	L	M
24	0.375	0.625	4 C	2	2.5	1.5	5.522	4.282	6.553	7.053	1.5
36	0.625	0.875	6 C	3	4	2	8.283	6.423	9.954	10.454	2.25
48	0.75	1.25	8 C	4	5	3	11.044	8.564	13.105	14.105	3

WARNING SIGN

COLORS: LEGEND

BACKGROUND

— BLACK

— YELLOW (RETROREFLECTIVE)

TTC SIGN

COLORS: LEGEND

BACKGROUND

— BLACK

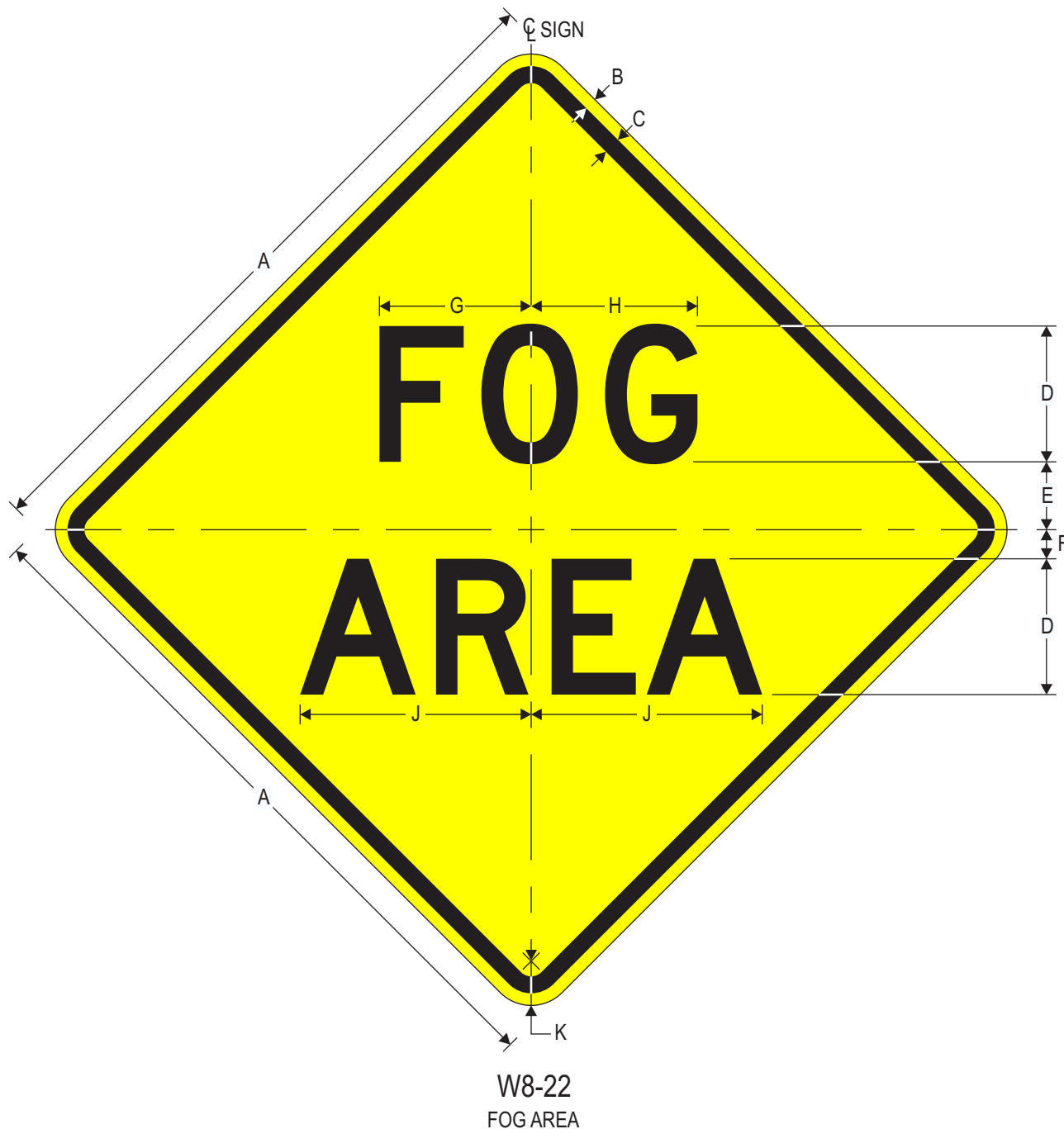
— ORANGE (RETROREFLECTIVE)



W8-21
GUSTY WINDS AREA

A	B	C	D	E	F	G	H	J	K	L
24	0.375	0.625	4 C	2	1.5	2.5	6.703	6.623	5.502	1.5
36	0.625	0.875	6 C	3	2.25	3.75	10.054	9.934	8.253	2.25
48	0.75	1.25	8 C	4	2.75	5.25	13.405	13.245	11.004	3.0

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



A	B	C	D	E	F	G	H	J	K
24	0.375	0.625	5 D	2.5	1	5.604	6.104	8.505	1.5
36	0.625	0.875	7 D	3.5	1.5	7.820	8.570	11.907	2.25
48	0.75	1.25	10 D	5	2	11.208	12.207	17.01	3.0

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



A	B	C	D	E	F	G	H	J	K
24	0.375	0.625	4 C	3	0.5	2.701	11.674	11.174	1.5
36	0.625	0.875	6 C	4.5	0.75	4.052	17.511	16.761	2.25
48	0.75	1.25	8 C	6	1	5.402	23.348	22.348	3

WARNING SIGN

COLORS: LEGEND — BLACK

BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN

COLORS: LEGEND — BLACK

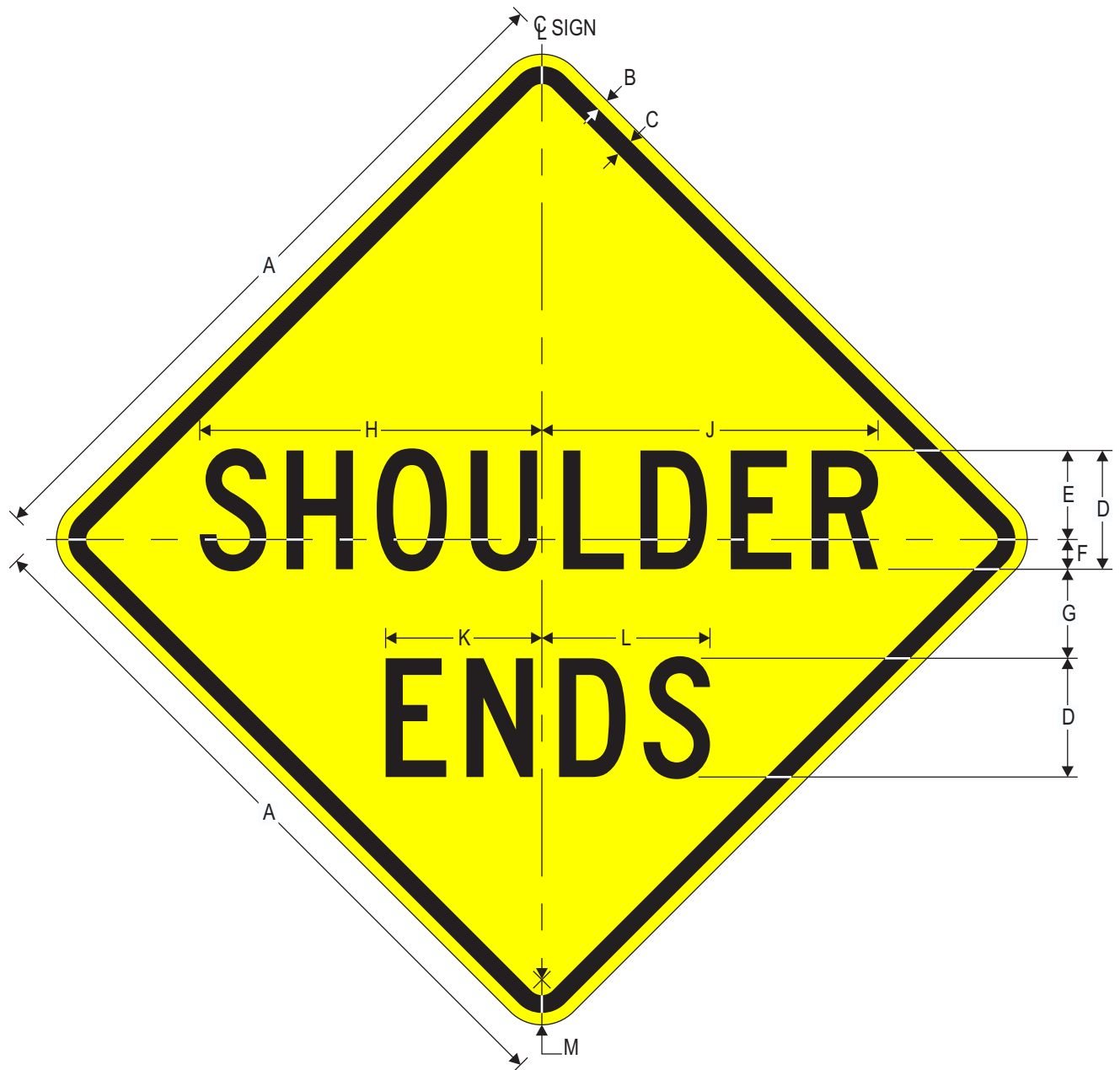
BACKGROUND — ORANGE (RETROREFLECTIVE)



W8-24
STEEL PLATE AHEAD

A	B	C	D	E	F	G	H	J	K	L	M	N
30	0.5	0.75	4 D	3	2.5	7.214	7.713	7.374	7.874	8.356	8.855	1.875
36	0.625	0.875	5 D	3.5	3.5	9	9.659	9.28	9.78	10.5	11.014	2.25
48	0.75	1.25	7 D	4.5	4.75	12.561	13.561	12.842	13.842	14.560	15.559	3

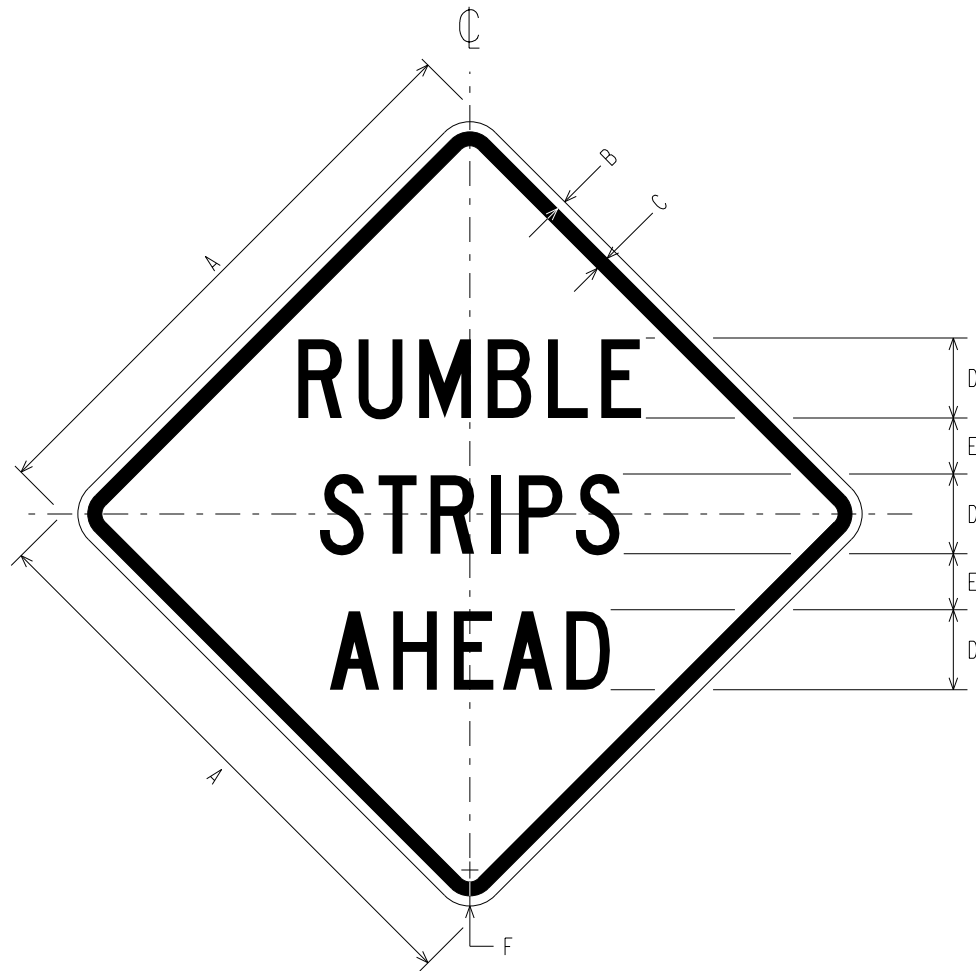
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W8-25
SHOULDER ENDS

A	B	C	D	E	F	G	H	J	K	L	M
24	0.375	0.625	4 C	3	1	3	11.487	11.361	5.212	5.712	1.5
30	0.5	0.75	5 C	3.75	1.25	3.75	14.405	14.155	6.578	7.077	1.875
36	0.625	0.875	6 C	4.75	1.25	4.5	17.261	17.011	7.693	8.693	2.25
48	0.75	1.25	8 C	6	2	6	22.973	22.723	10.424	11.424	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

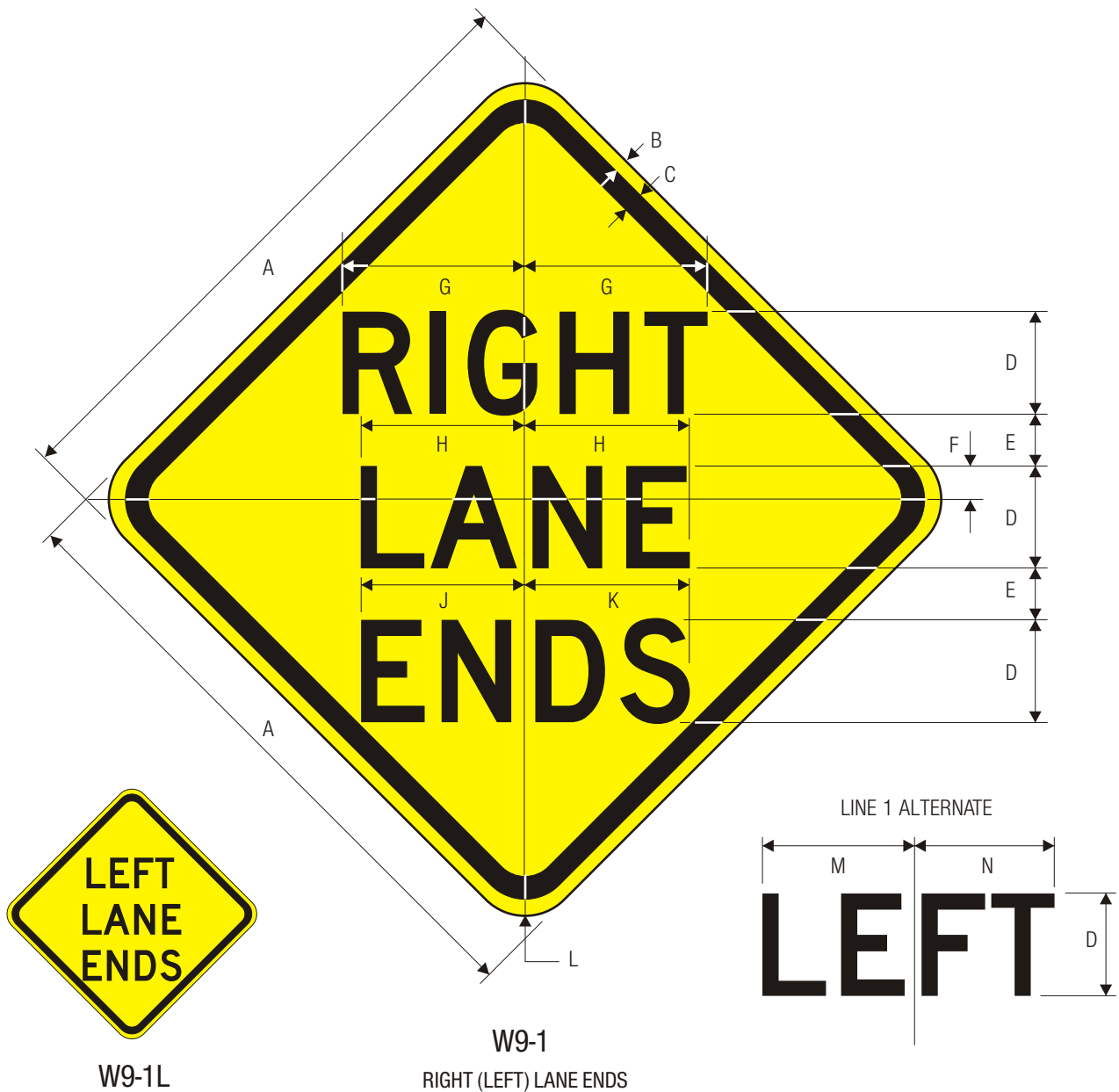


W8-26
RUMBLE STRIPS AHEAD

SIGN	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
STD.	36	.625	.875	5 C	3.5	2.25
FWY.	48	.75	1.25	7 C	4	3

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - ORANGE (REFL.)
 (CONSTRUCTION ZONE SIGNS)
 CENTRALLY LOCATE ALL LEGENDS

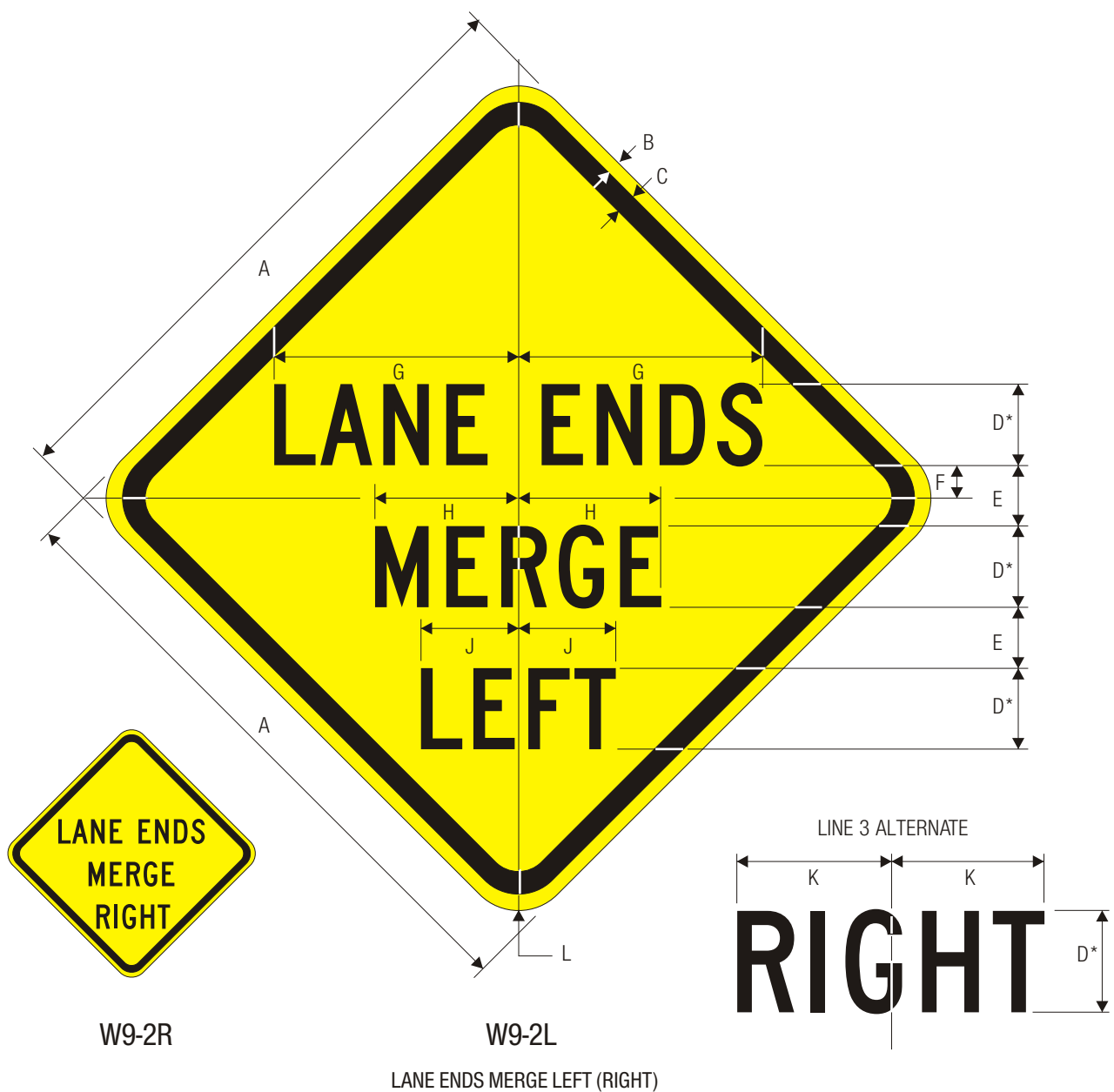


A	B	C	D	E	F	G	H	J	K	L
24	.375	.625	4 D	2	1.5	7.375	6.438	6.125	6.813	1.5
30	.5	.75	5 D	2.5	1.5	9.188	8.063	7.625	8.563	1.875
36	.625	.875	6 D	3	2	11	9.688	9	10.375	2.25
48	.75	1.25	8 D	4	3	14.75	12.875	12.25	13.625	3

M	N
5.75	6
7.125	7.563
8.5	9.125
11.25	12.25

WARNING SIGN COLORS:
LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:
LEGEND — BLACK
BACKGROUND— ORANGE (RETROREFLECTIVE)



*Series 2000 Standard Alphabets.

C	A	B	C	D	E	F	G	H	J	K	L
	30	.5	.75	4 C	3	1.688	12.020	7.048	4.797	6.052	1.875
	36	.625	.875	5 C	3.75	2	15.026	8.811	5.996	7.566	2.25
	48	.75	1.25	6 C	4.5	2.4	18.033	10.573	7.196	9.079	3

WARNING SIGN COLORS:

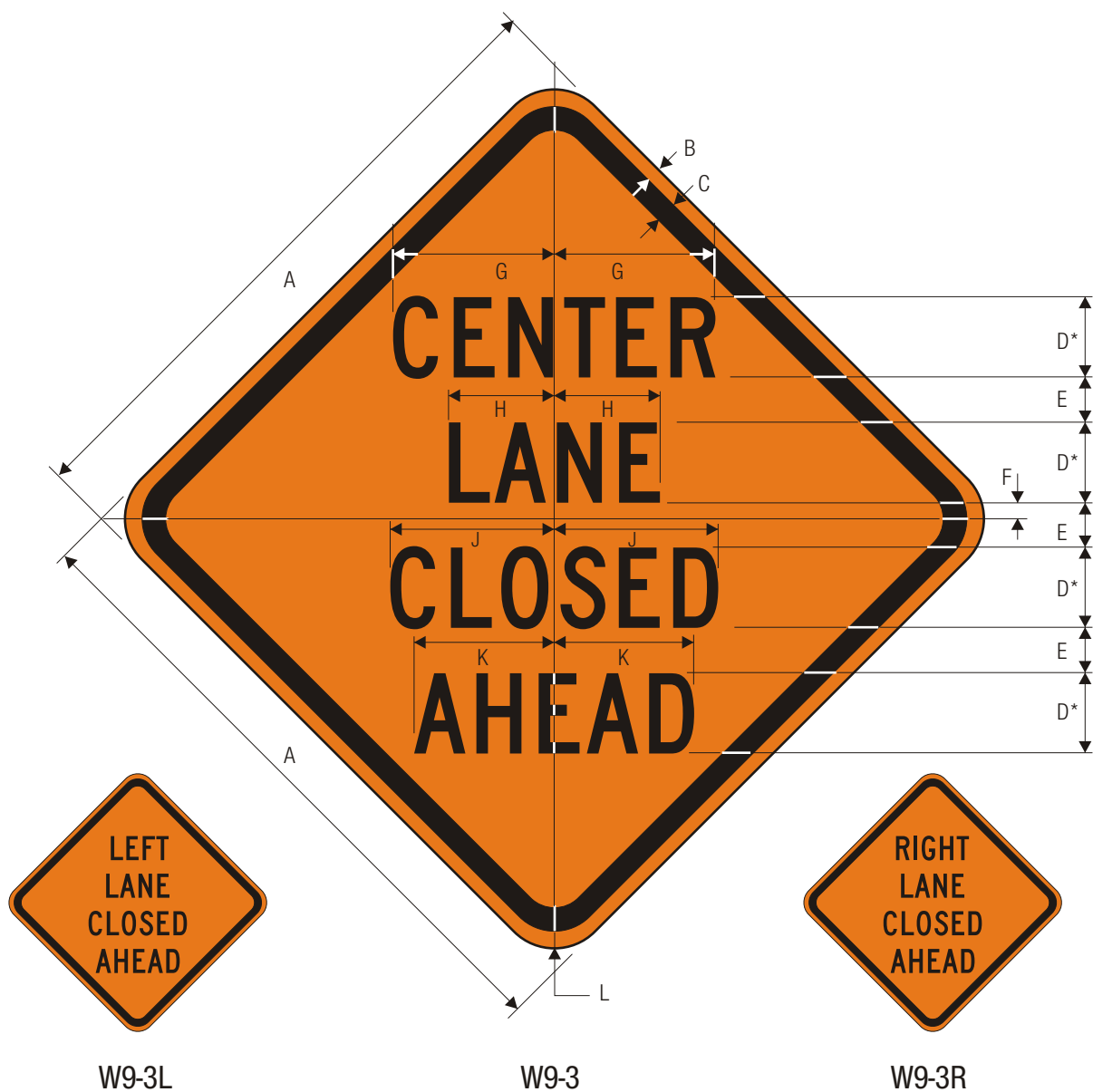
LEGEND — BLACK

BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



CENTER (RIGHT) (LEFT) LANE CLOSED AHEAD

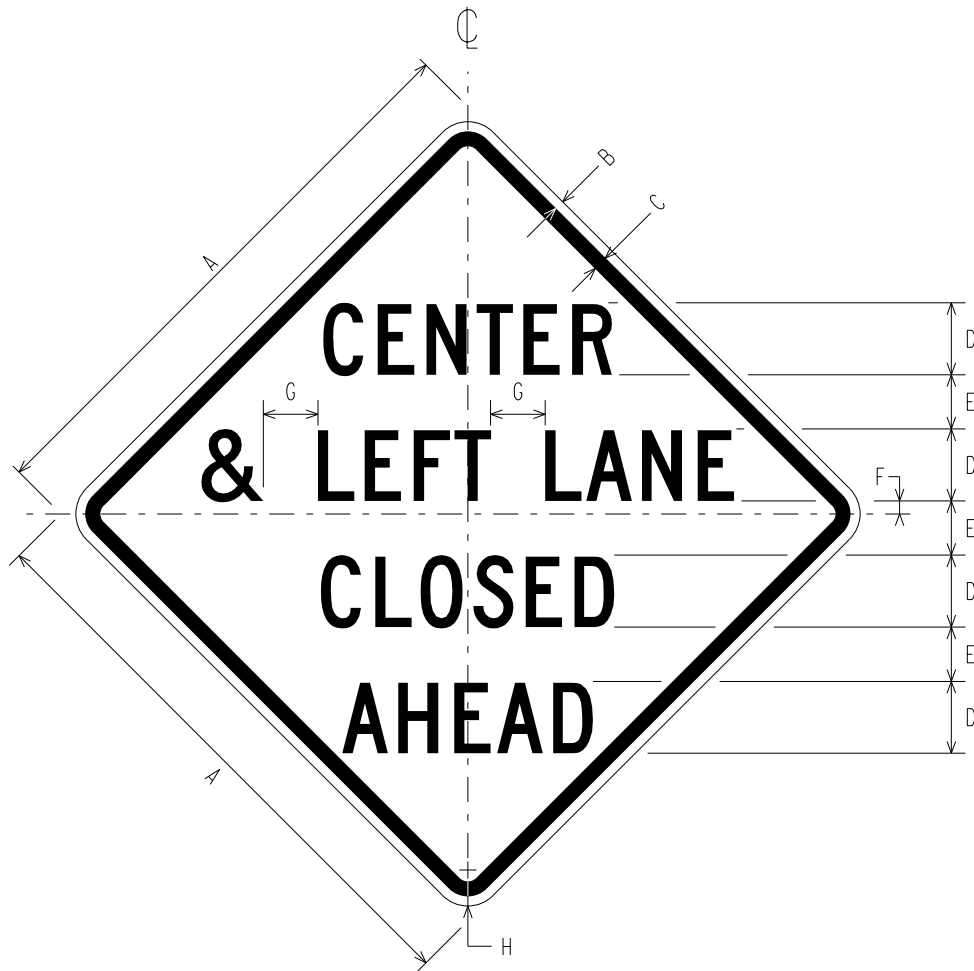
*Series 2000 Standard Alphabets.

	A	B	C	D	E	F	G	H	J	K	L
	30	.5	.75	4 C	2.241	.880	8.026	5.263	8.166	6.985	1.875
C	36	.625	.875	5 C	2	.680	10.027	6.564	10.207	8.726	2.25
	48	.75	1.25	6 C	4.523	1.080	12.049	7.885	12.249	10.467	3
	60	.75	1.25	8 C	5.203	1.641	16.052	10.507	16.332	13.950	3

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W9-3a
CENTER & LEFT LANE CLOSED AHEAD

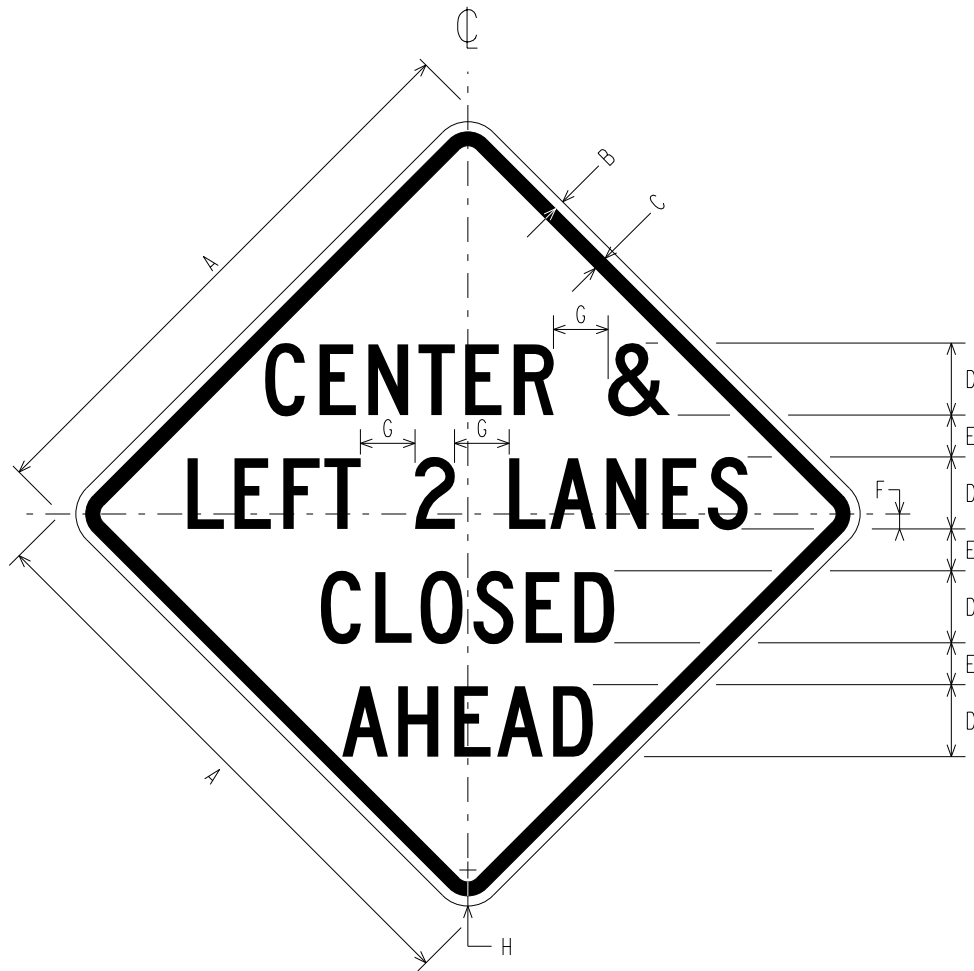
SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
URBAN	30	.5	.75	4 C	2.241	.880	2.5	1.875
RURAL	36	.625	.875	5 C	2	.680	2.5	2.25
FWY.	48	.75	1.25	6 C	4.523	1.080	4.5	3
OVERSIZED	60	.75	1.25	8 C	5.203	1.641	6	3

COLORS

SYMBOL AND BORDER - BLACK (NON-REFL.)

BACKGROUND - ORANGE (REFL.)

CENTRALLY LOCATE ALL LEGENDS



W9-3b
CENTER & LEFT 2 LANES CLOSED AHEAD

SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
URBAN	30	.5	.75	4 C	1.5	1.005	3	1.875
RURAL	36	.625	.875	5 C	1.5	1.245	3	2.25
FWY.	48	.75	1.25	6 C	3.5	1.25	4.5	3
OVERSIZED	60	.75	1.25	8 C	3.5	2.245	6	3

COLORS

SYMBOL AND BORDER - BLACK (NON-REFL.)

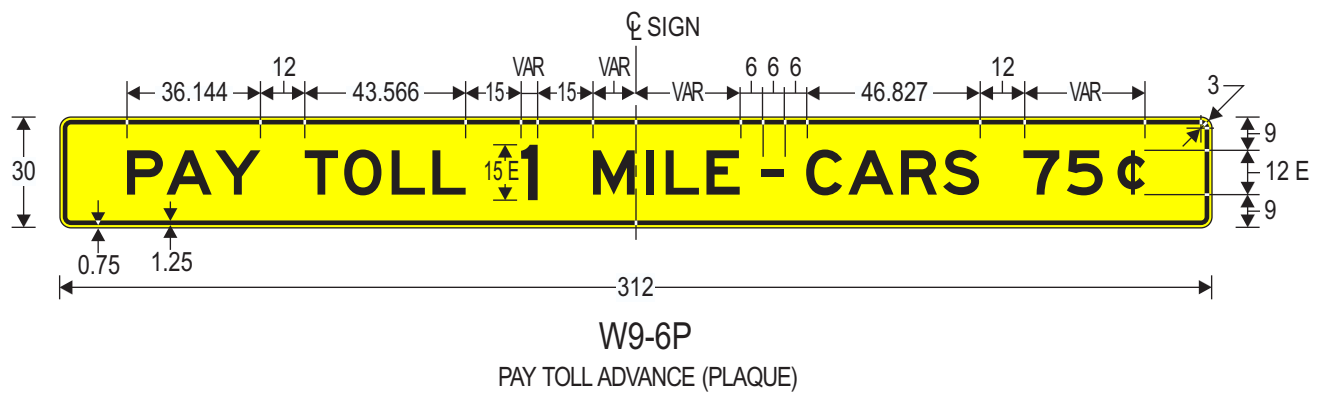
BACKGROUND - ORANGE (REFL.)

CENTRALLY LOCATE ALL LEGENDS



W9-6
PAY TOLL ADVANCE

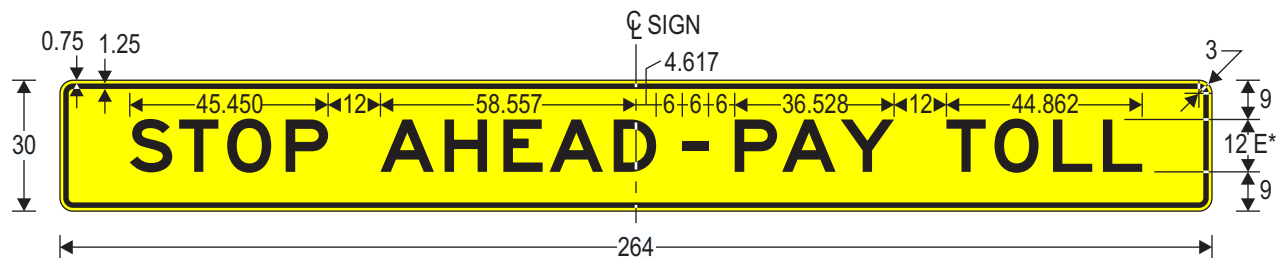
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



COLORS: LEGEND, BORDER — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)



COLORS: LEGEND, BORDER — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)



W9-6aP

STOP AHEAD PAY TOLL (PLAQUE)

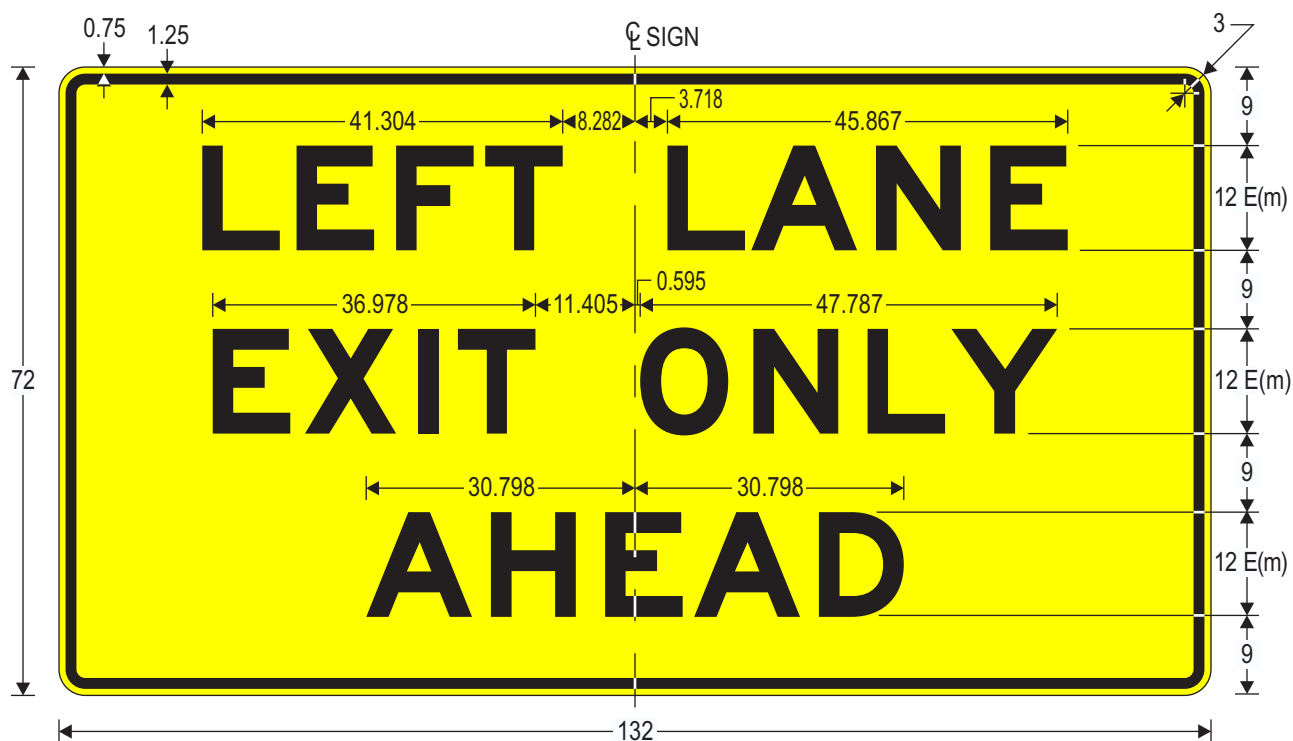
* Increase character spacing 20%.

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W9-7R

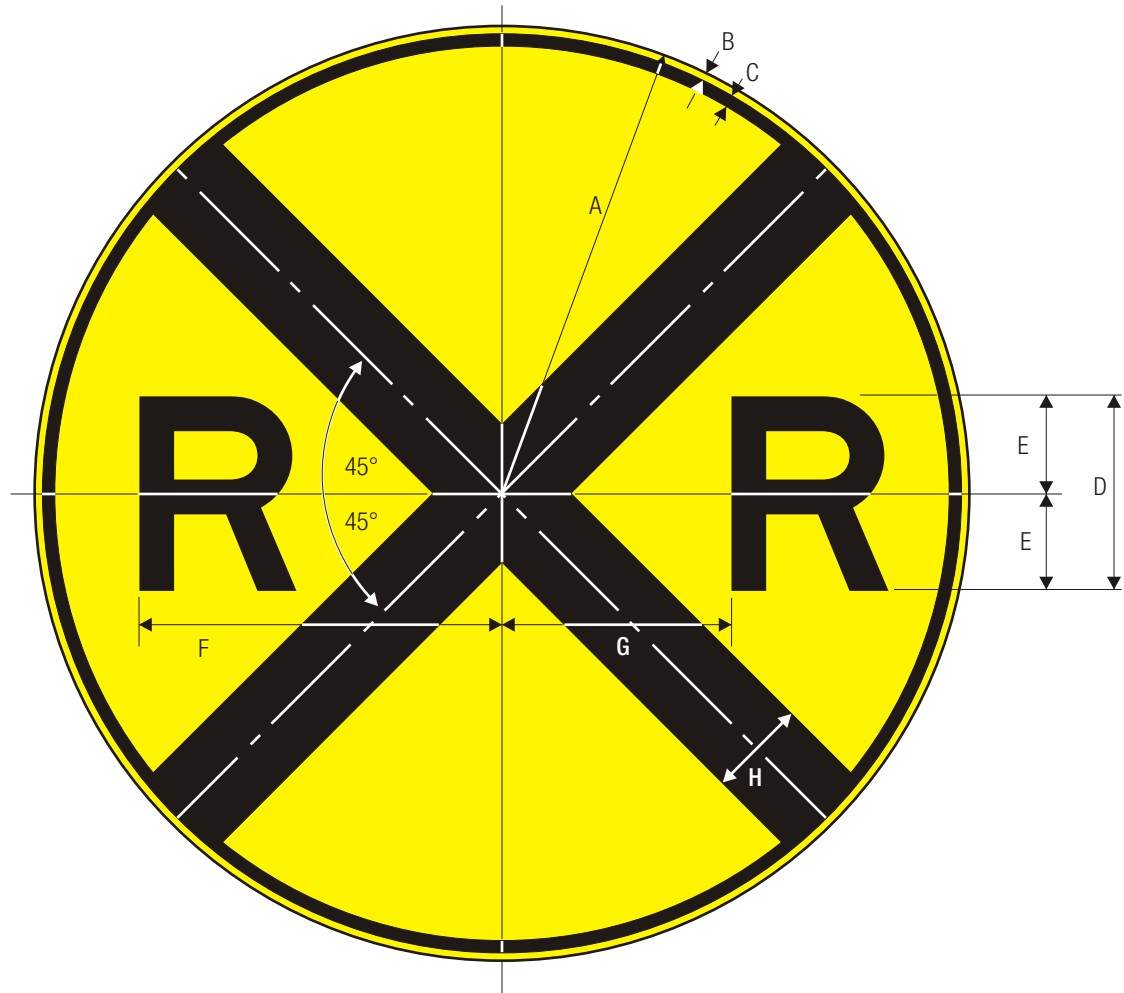
RIGHT LANE EXIT ONLY AHEAD



W9-7L

LEFT LANE EXIT ONLY AHEAD

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



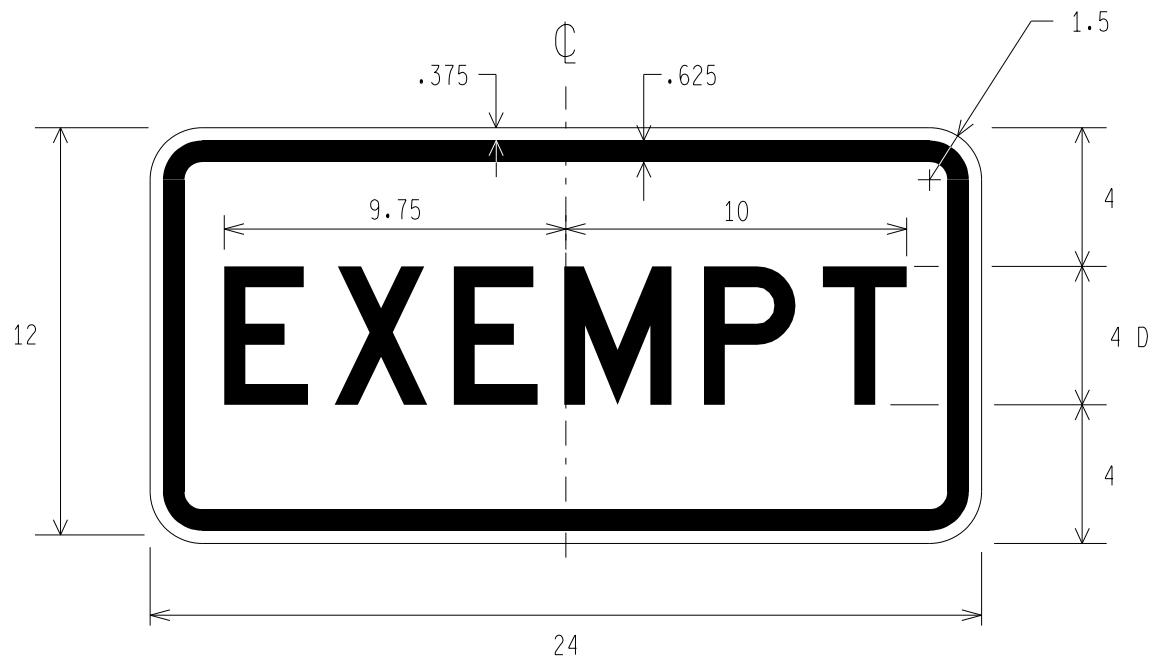
W10-1

HIGHWAY-RAIL GRADE CROSSING ADVANCE WARNING

C

A	B	C	D	E	F	G	H
9	.25	.375	4 E	2	7.187	4.312	2
12	.375	.625	5 E	2.5	9.187	5.812	2.5
15	.375	.625	7 E	3.5	12.375	7.125	3
18	.5	.75	8 E	4	14.375	8.625	4
24	.75	1.25	10 E	5	18.375	11.625	5

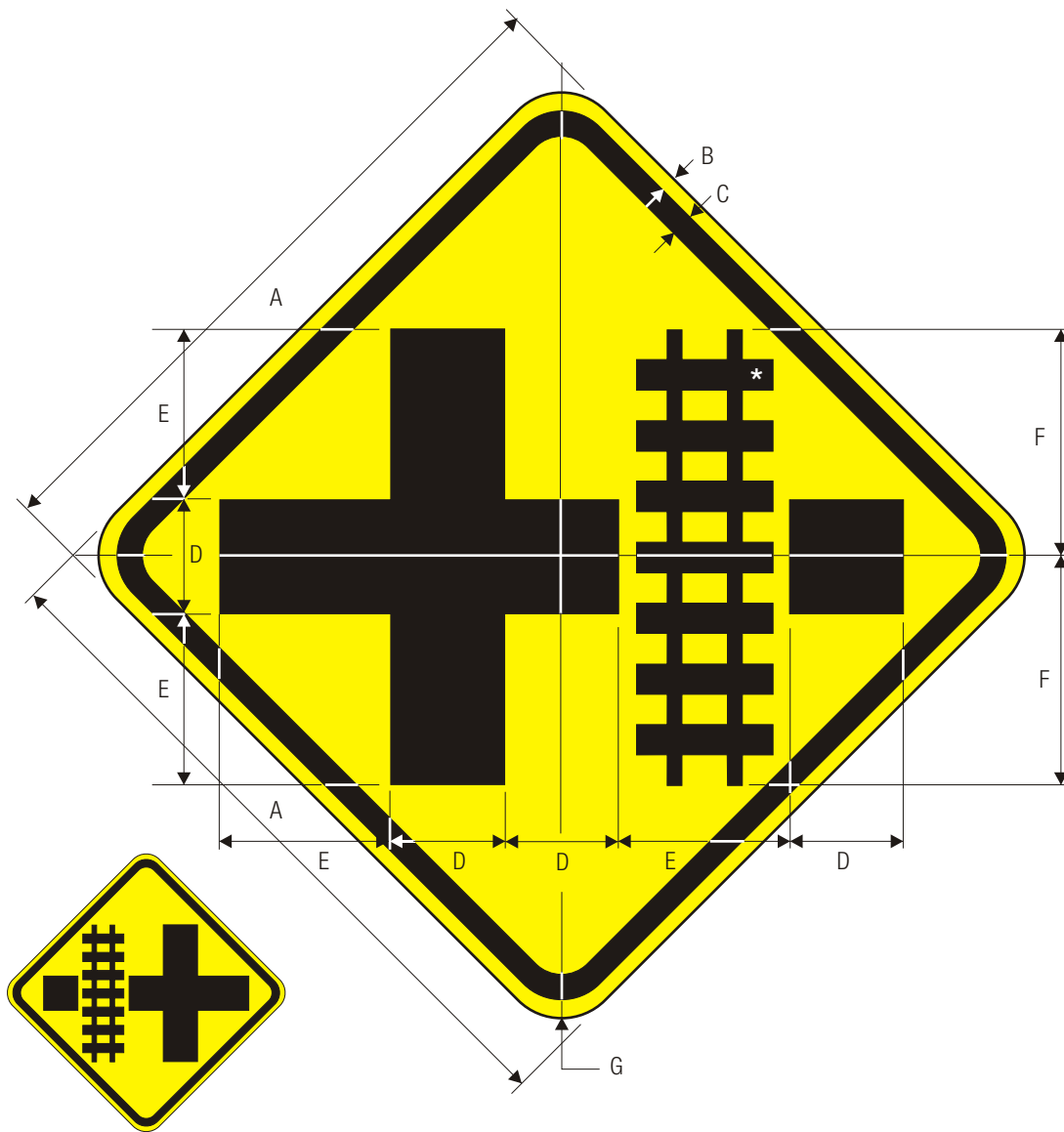
COLORS: LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)



W10-1aP
EXEMPT

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - YELLOW (REFL.)



W10-2L

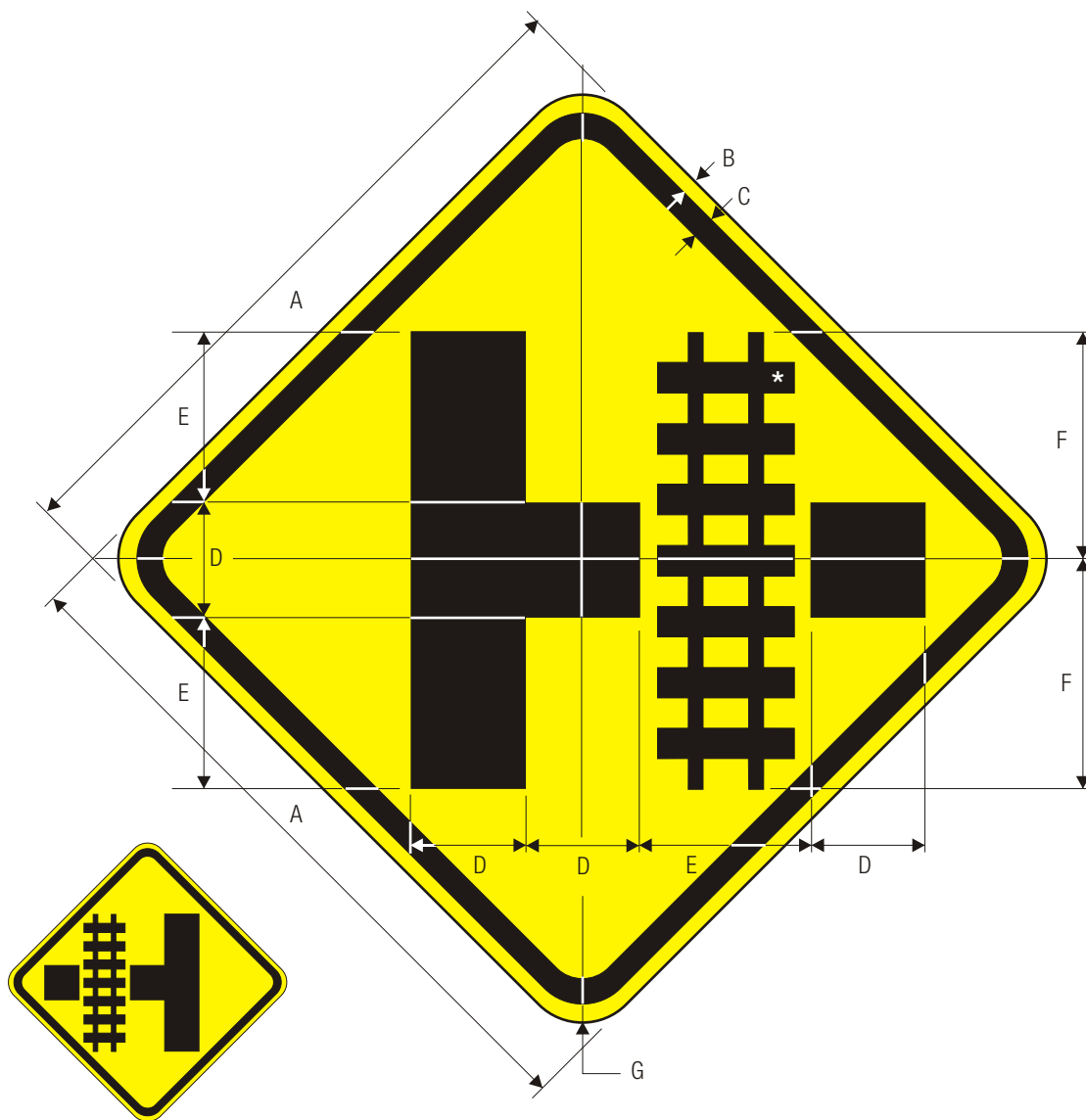
W10-2R

HIGHWAY-RAIL GRADE CROSSING ADVANCE WARNING

*See page 6-24 for symbol design.

	A	B	C	D	E	F	G
	18	.375	.625	3	4.483	6	1.5
	24	.375	.625	4	6	8	1.5
	30	.5	.75	5	7.485	10	1.875
C	36	.625	.875	6	9	12	2.25
	48	.75	1.25	8	12	16	3

COLORS: LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W10-3L

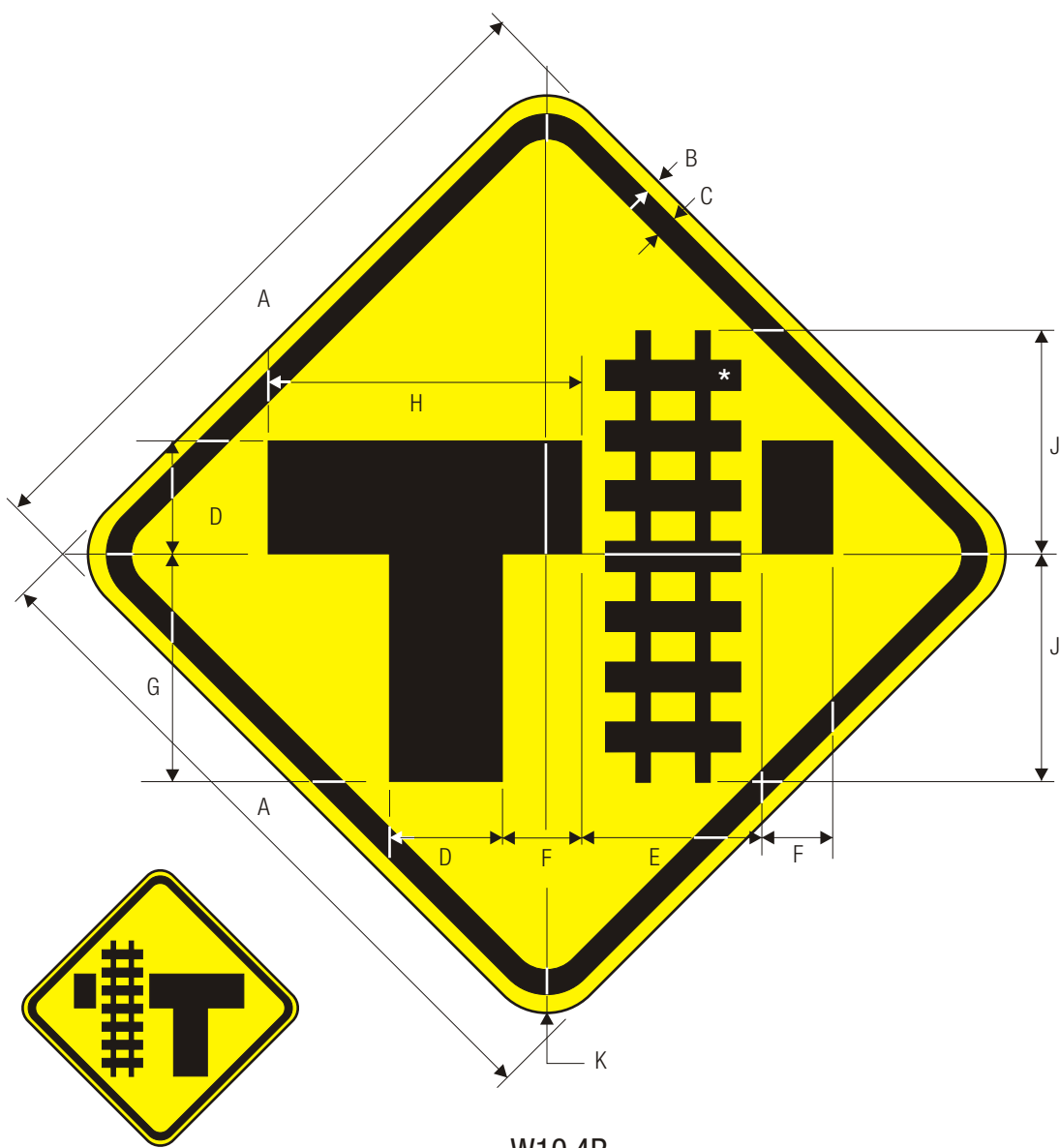
W10-3R

HIGHWAY-RAIL GRADE CROSSING ADVANCE WARNING

*See page 6-24 for symbol design.

	A	B	C	D	E	F	G
	18	.375	.625	3	4.483	6	1.5
	24	.375	.625	4	6	8	1.5
	30	.5	.75	5	7.485	10	1.875
C	36	.625	.875	6	9	12	2.25
	48	.75	1.25	8	12	16	3

COLORS: LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W10-4R

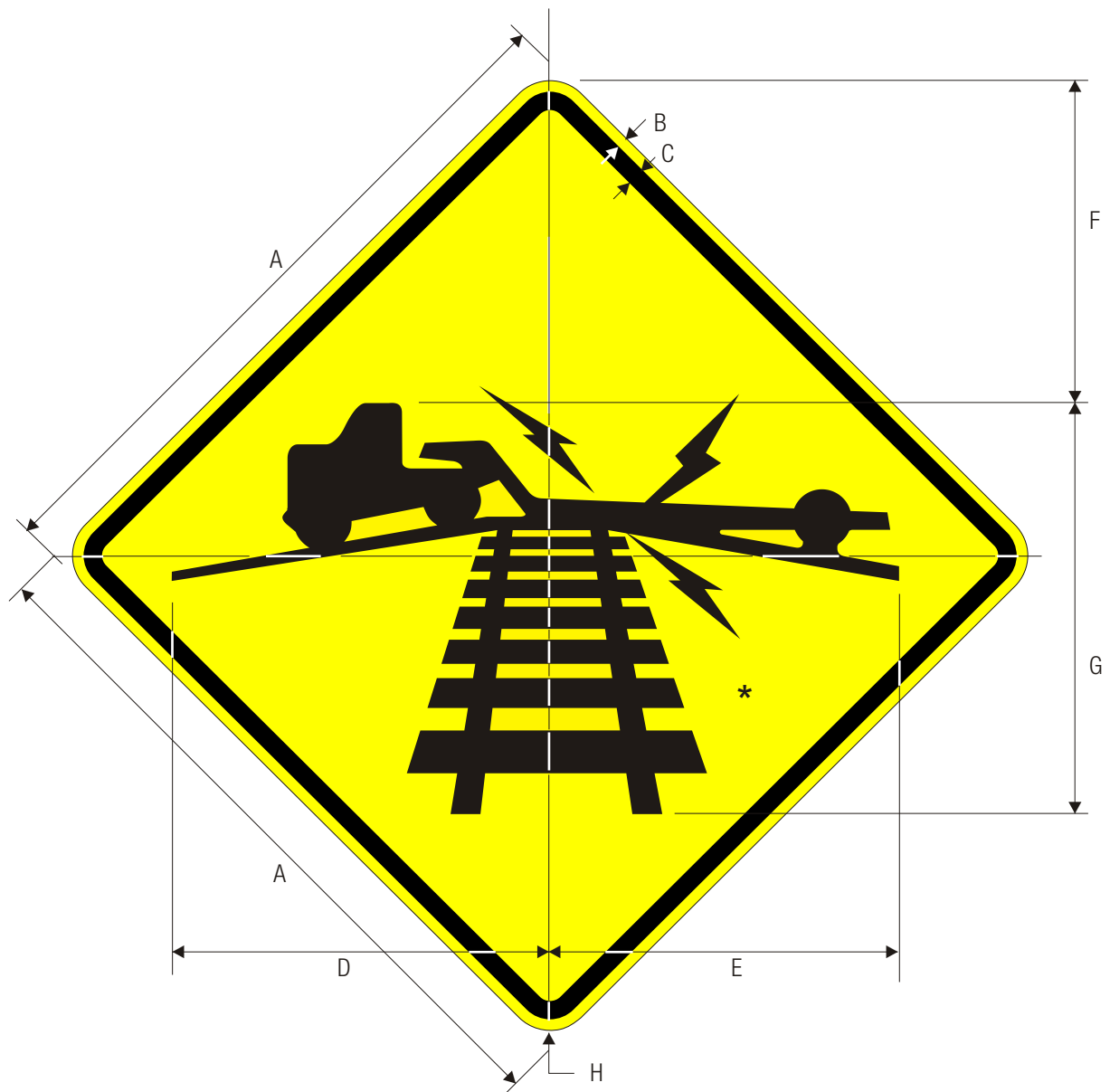
W10-4L

HIGHWAY-RAIL GRADE CROSSING ADVANCE WARNING

*See page 6-24 for symbol design.

	A	B	C	D	E	F	G	H	J	K
	18	.375	.625	3	4.483	2	6	8.486	6	1.5
	24	.375	.625	4	6	2.722	8	11.448	8	1.5
	30	.5	.75	5	7.485	3.442	10	14.410	10	1.875
C	36	.625	.875	6	9	4	12	17	12	2.25
	48	.75	1.25	8	12	5	16	22	16	3

COLORS: LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W10-5

LOW GROUND CLEARANCE HIGHWAY-RAIL GRADE CROSSING

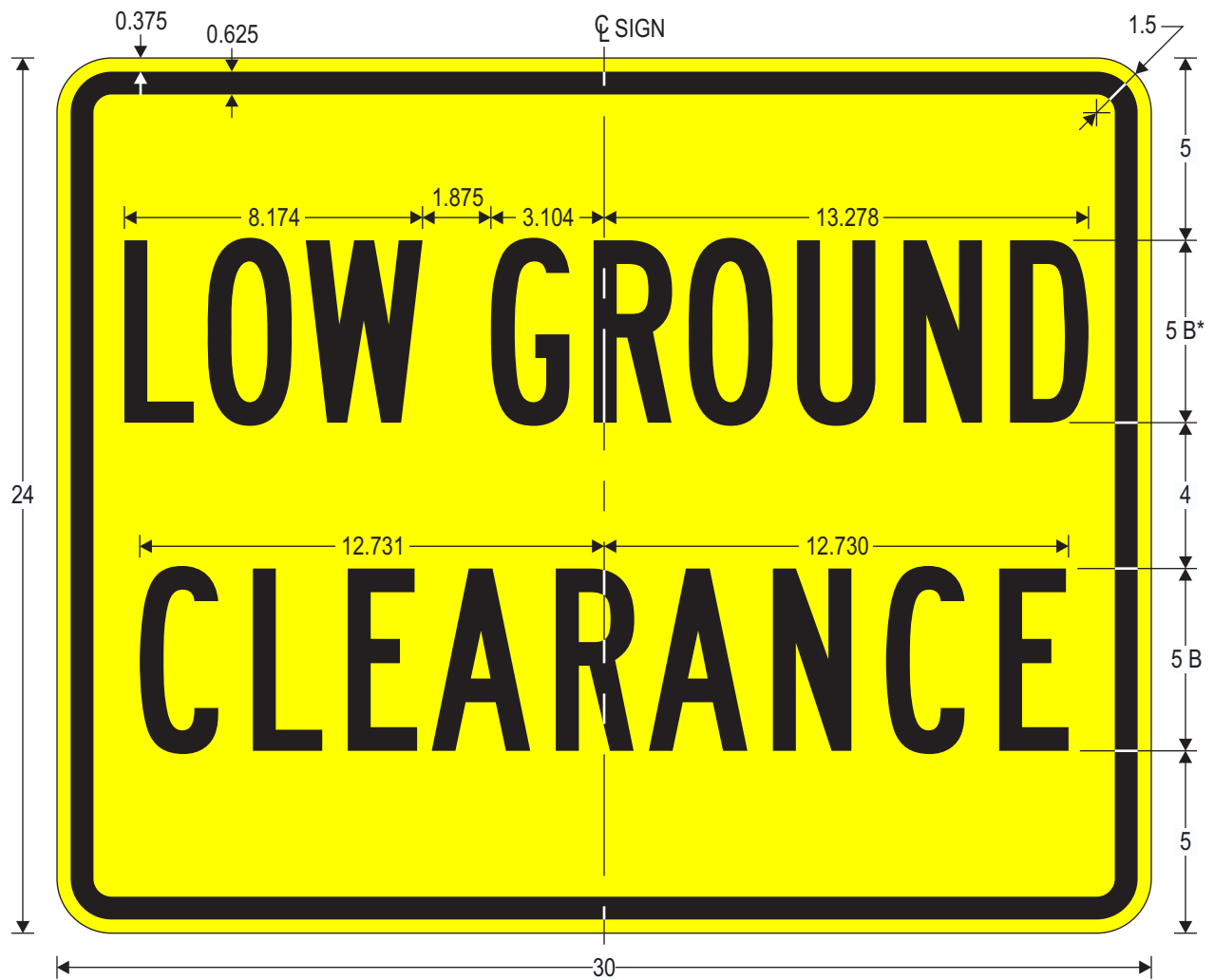
*See page 6-13 for symbol design.

A	B	C	D	E	F	G	H
24	.375	.625	12.889	12.449	10.848	14.290	1.5
30	.5	.75	15.691	15.251	13.410	17.533	1.875
36	.625	.875	19.294	18.894	15.451	21.616	2.25
48	.75	1.25	24.858	24.458	20.615	27.861	3

WARNING SIGN

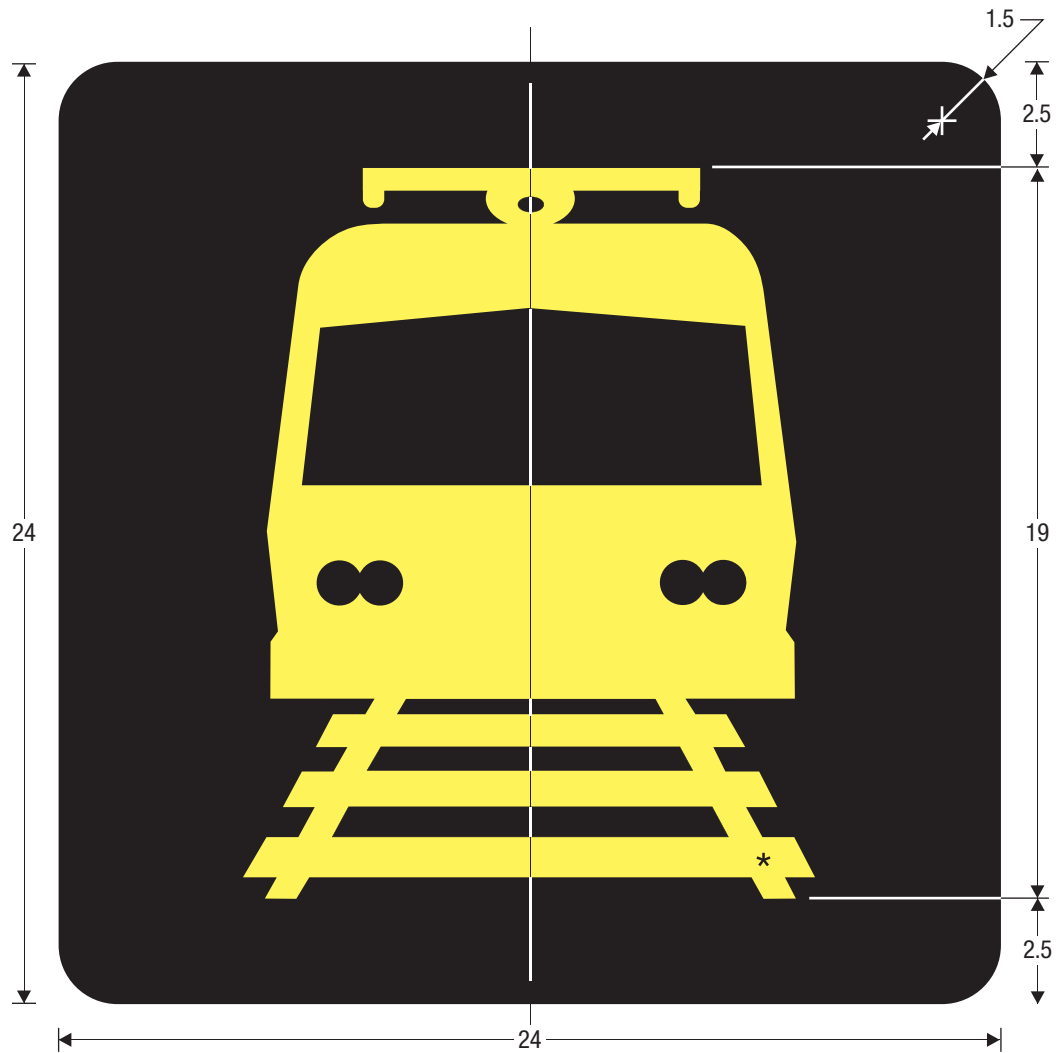
COLORS: SYMBOL — BLACK

BACKGROUND — YELLOW (RETROREFLECTIVE)



* Reduce character spacing 30%.

COLORS: LEGEND, BORDER — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)

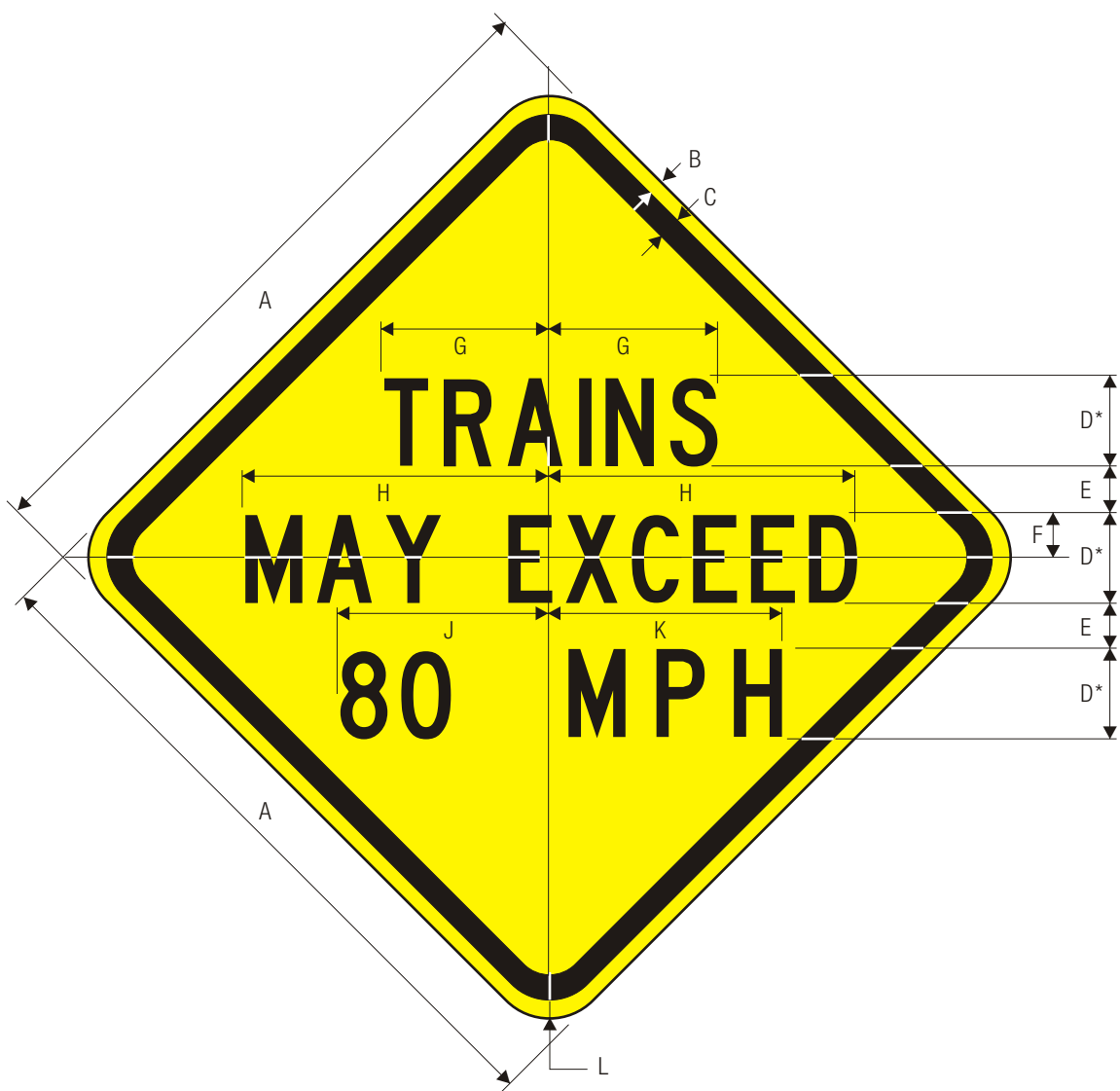


W10-7

LIGHT RAIL ACTIVATED BLANK-OUT

*See page 6-17 for symbol design.

COLORS: LEGEND — YELLOW (ILLUMINATED)
BACKGROUND — BLACK



W10-8

TRAINS MAY EXCEED XX MPH

*Series 2000 Standard Alphabets.

	A	B	C	D	E	F	G	H	J	K	L
	30	.5	.75	4 C	2	2	7.425	13.490	VAR	VAR	1.875
C	36	.625	.875	5 C	2.481	2.481	9.287	16.872	VAR	VAR	2.25
	48	.75	1.25	6 C	3	3	11.148	20.255	VAR	VAR	3

COLORS: LEGEND, BORDER — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)



W10-9
NO TRAIN HORN

A	B	C	D	E	F	G	H	J	K	L
36	0.625	0.875	6 D	4.5	5.25	4.584	5.084	10.837	10.088	2.25
48	0.75	1.25	8 D	6	7	5.945	6.945	14.449	13.451	3

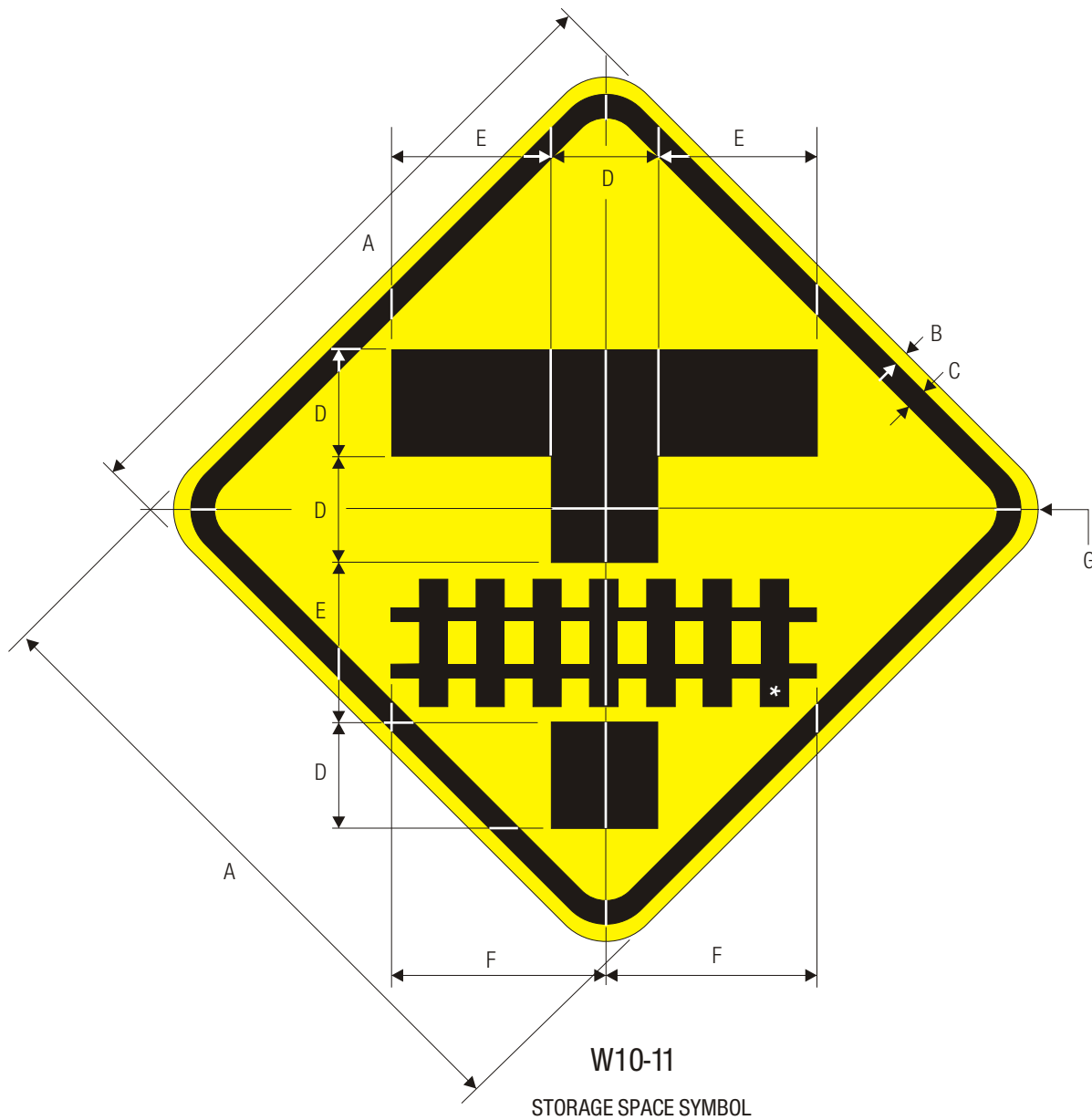
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W10-9P
NO TRAIN HORN (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M	N	P
18	12	0.375	0.375	2	3 D	2	3 B*	2.417	7.299	0.331	1.169	6.711	1.5
30	24	0.375	0.625	5	5 D	4	5 B	4.028	12.455	0.563	1.937	11.455	1.5

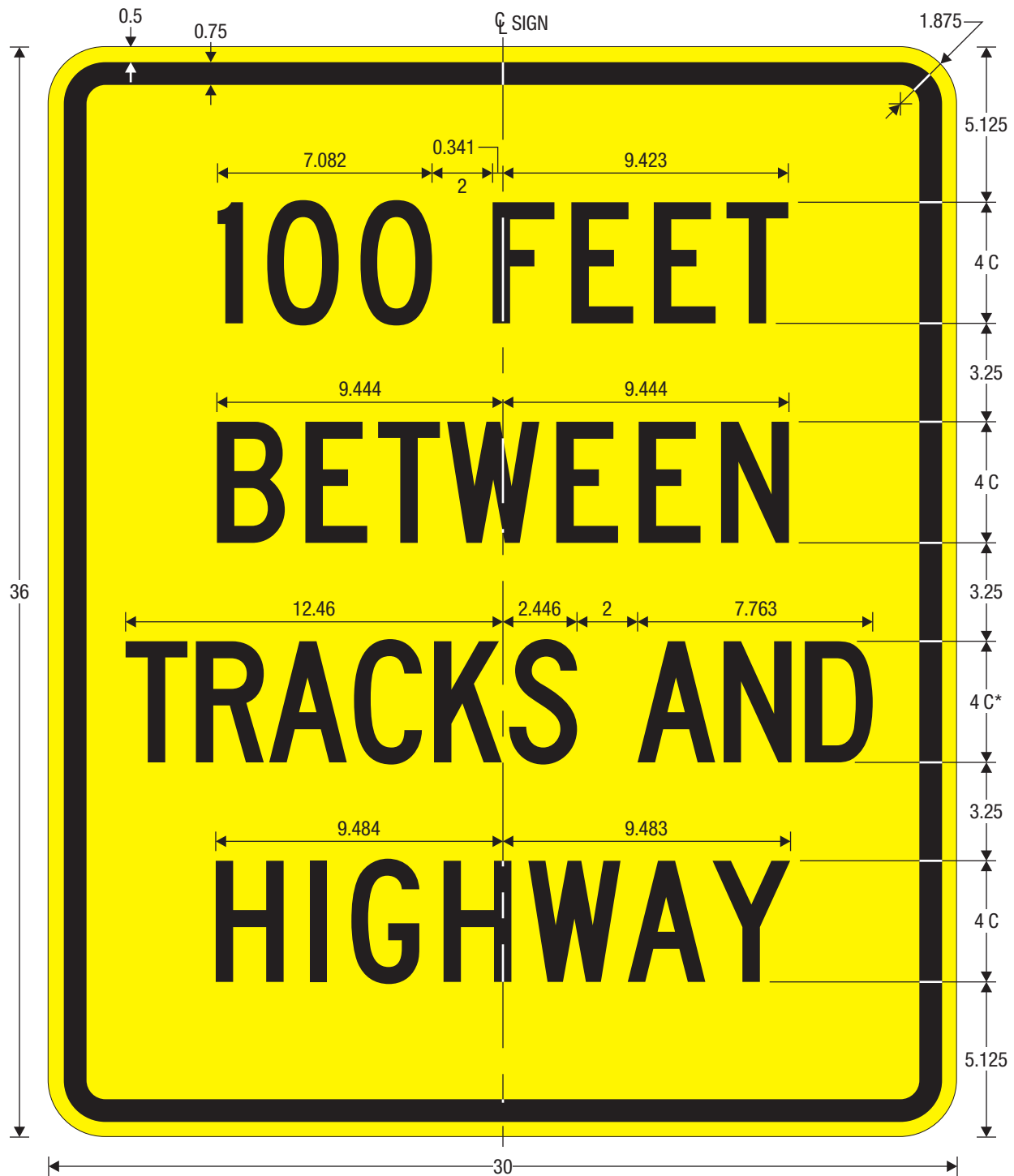
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



*See page 6-24 for symbol design.

C	A	B	C	D	E	F	G
	18	.375	.625	3	4.483	6	1.5
	24	.375	.625	4	6	8	1.5
	30	.5	.75	5	7.485	10	1.875
	36	.625	.875	6	9	12	2.25
	48	.75	1.25	8	12	16	3

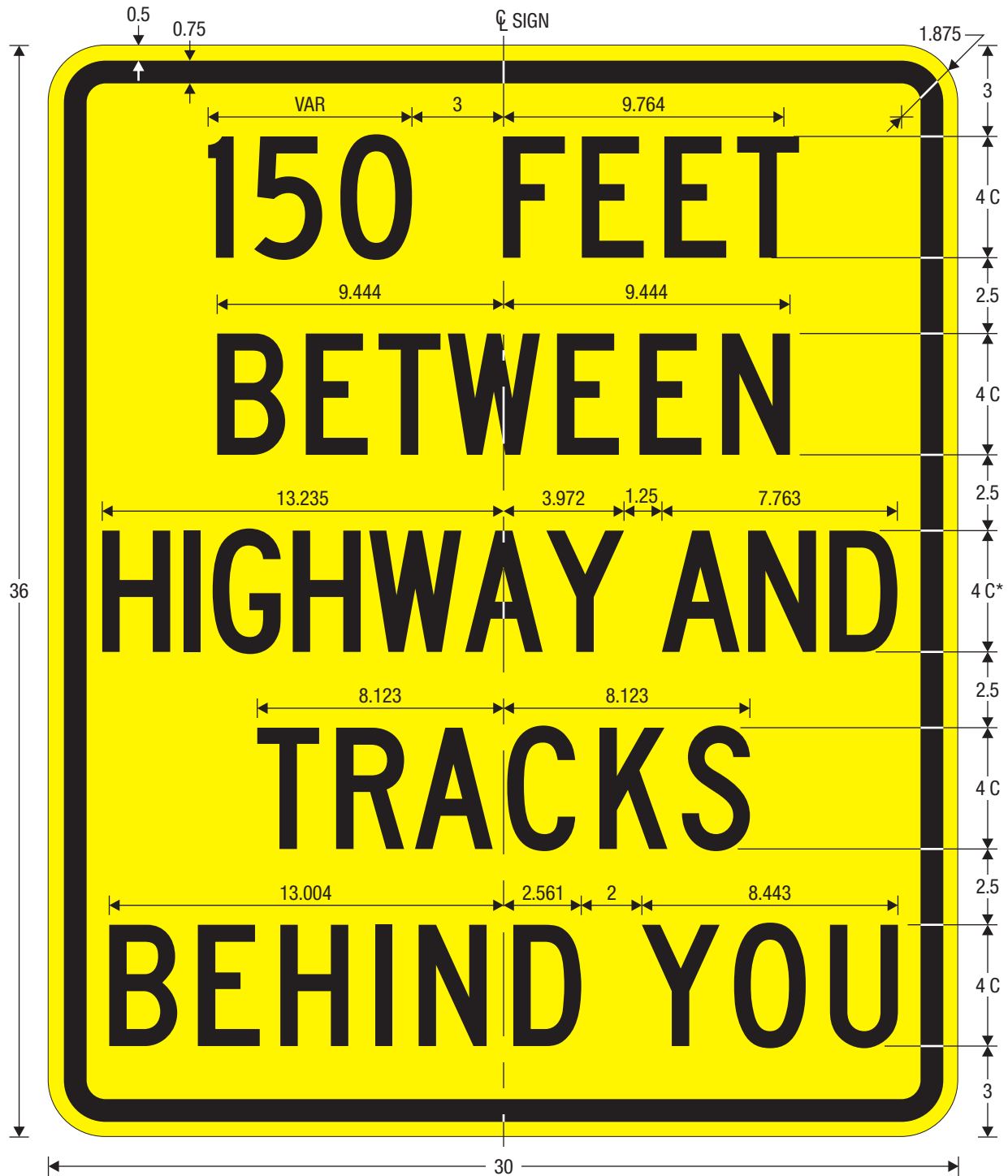
COLORS: LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W10-11a
STORAGE SPACE

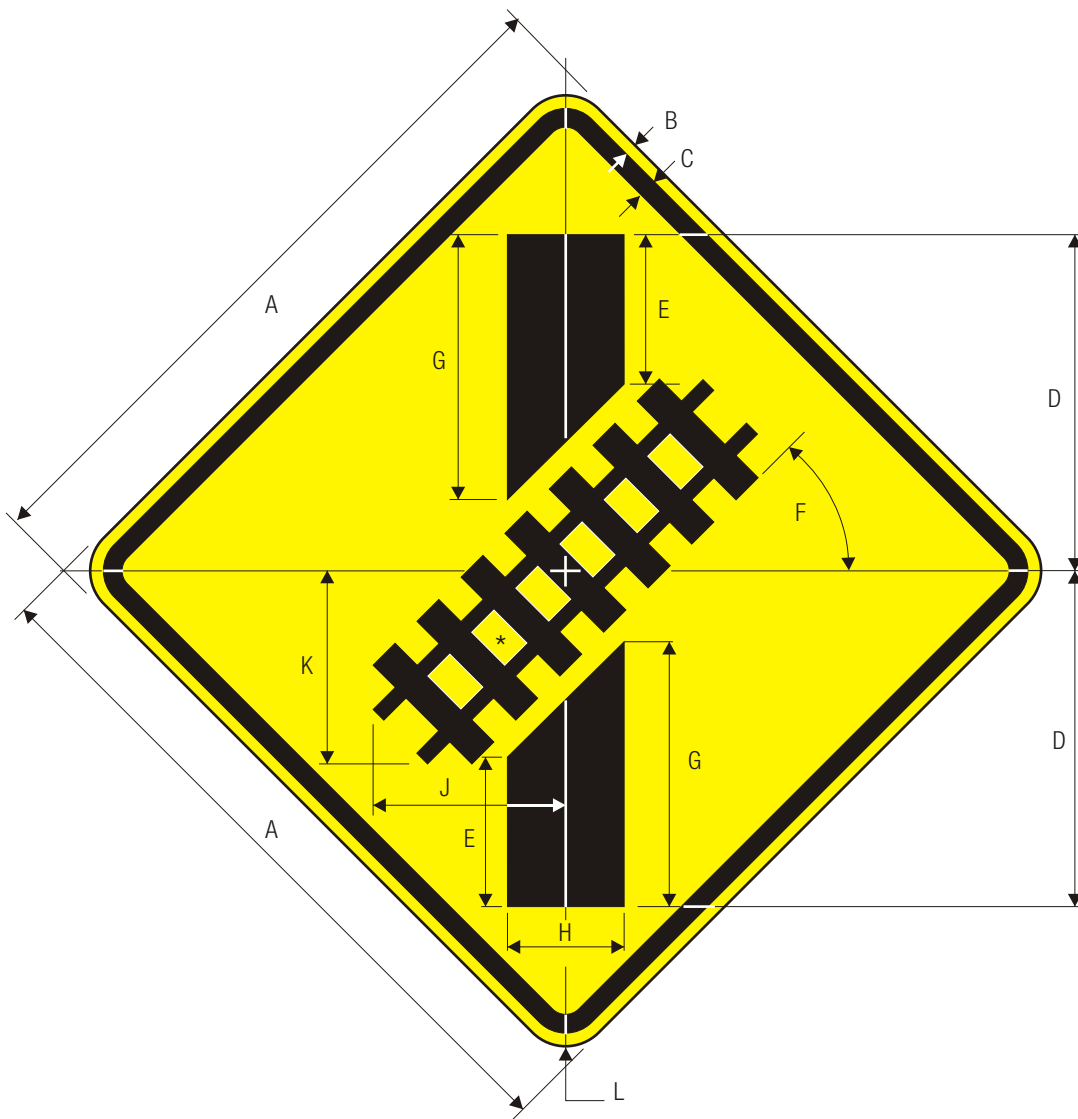
* Reduce character spacing 50%.

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



* Reduce character spacing 50%

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W10-12

SKEWED CROSSING

*See page 6-24 for symbol design.

A	B	C	D	E	F	G	H	J	K	L
18	.375	.625	8.646	3.802	45°	6.805	3	4.923	4.963	1.5
24	.375	.625	11.528	5.083	45°	9.086	4	6.564	6.645	1.5
30	.5	.75	14.410	6.364	45°	11.368	5	8.206	8.286	1.875
36	.625	.875	17.293	7.645	45°	13.650	6	9.847	9.927	2.25
48	.75	1.25	23.057	10.167	45°	18.173	8	13.129	13.250	3

C

COLORS: LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)

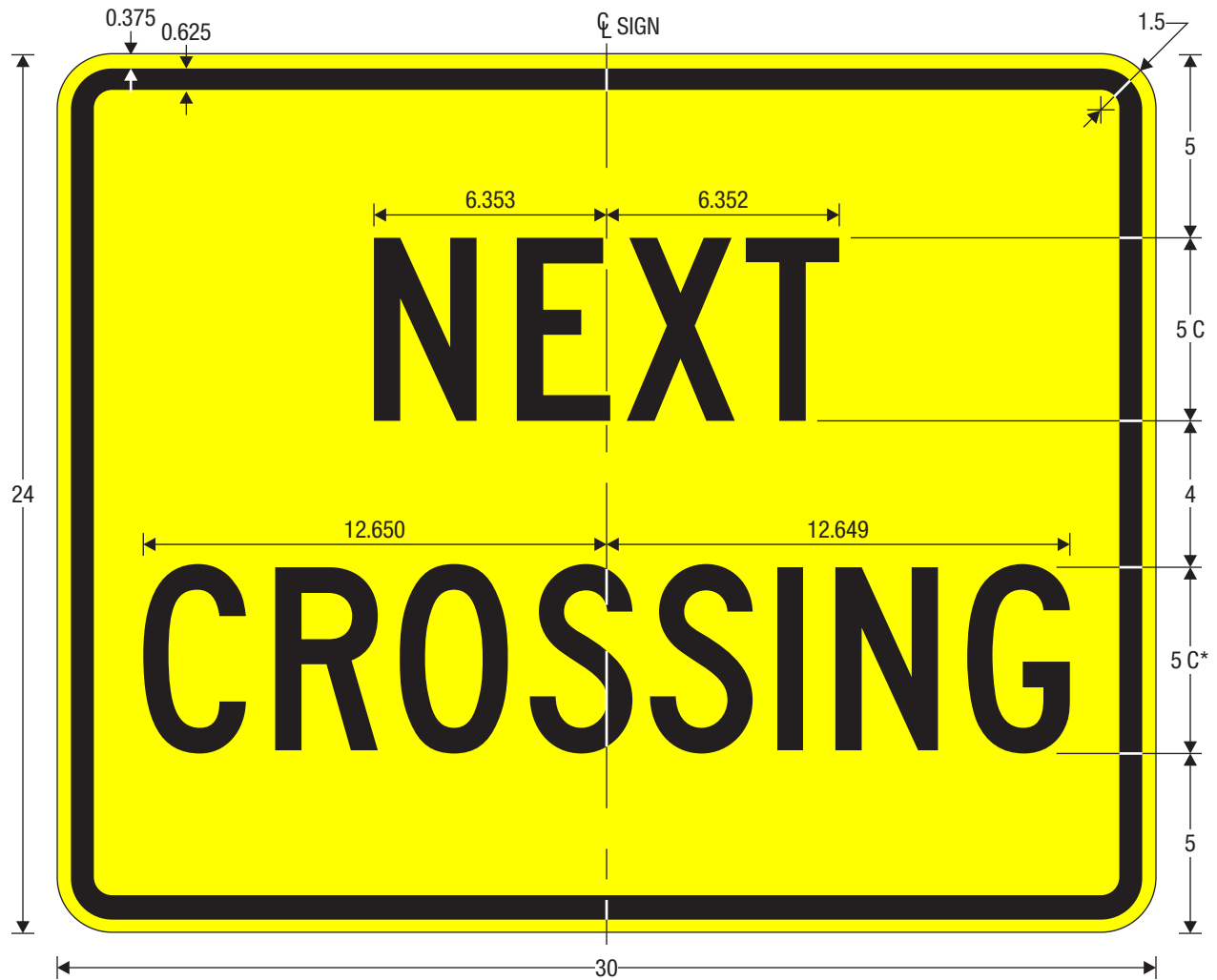


W10-13P
NO GATES OR LIGHTS (PLAQUE)

* Reduce character spacing 20%.

** Reduce character spacing 30%.

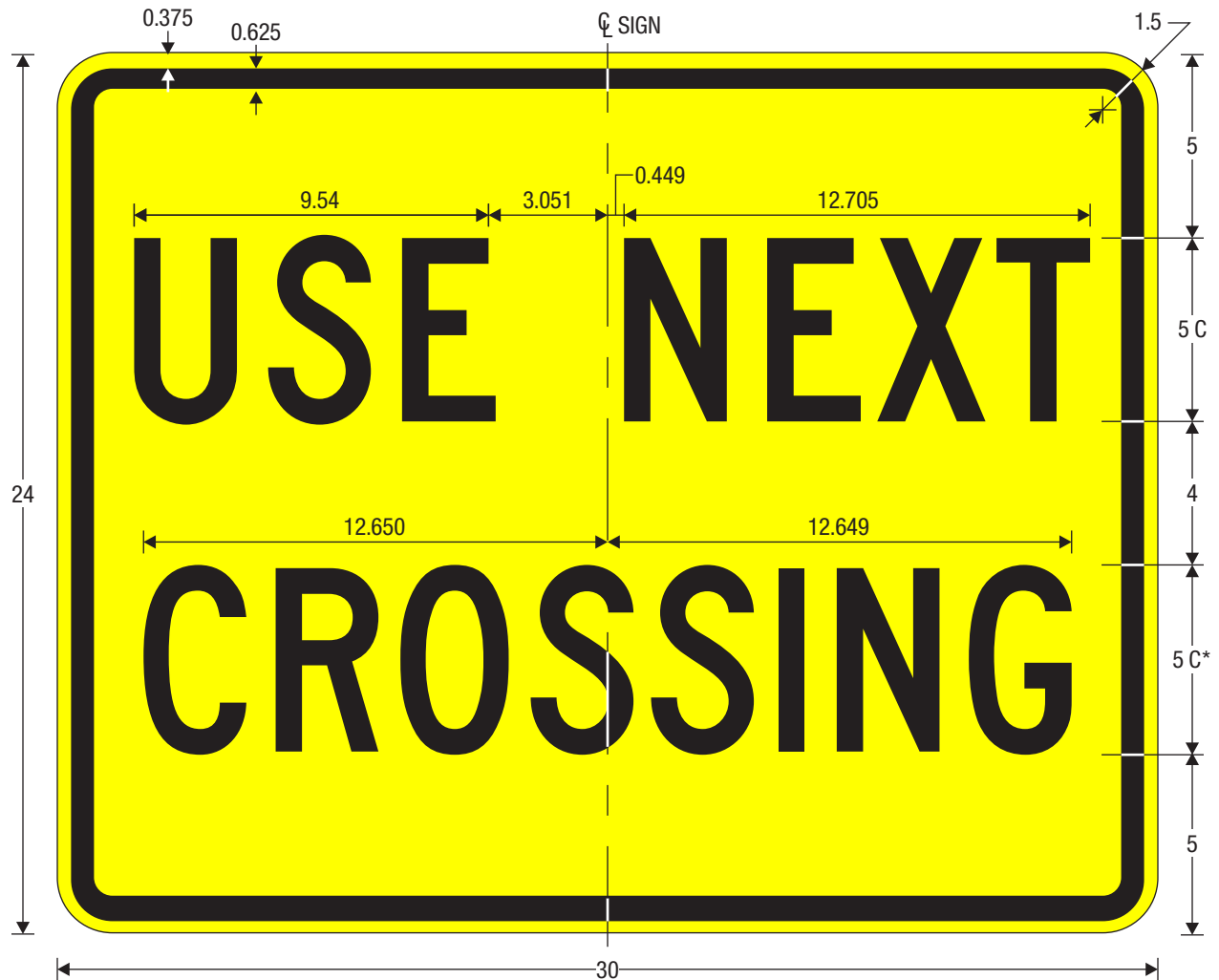
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W10-14P
NEXT CROSSING (PLAQUE)

* Reduce character spacing 20%.

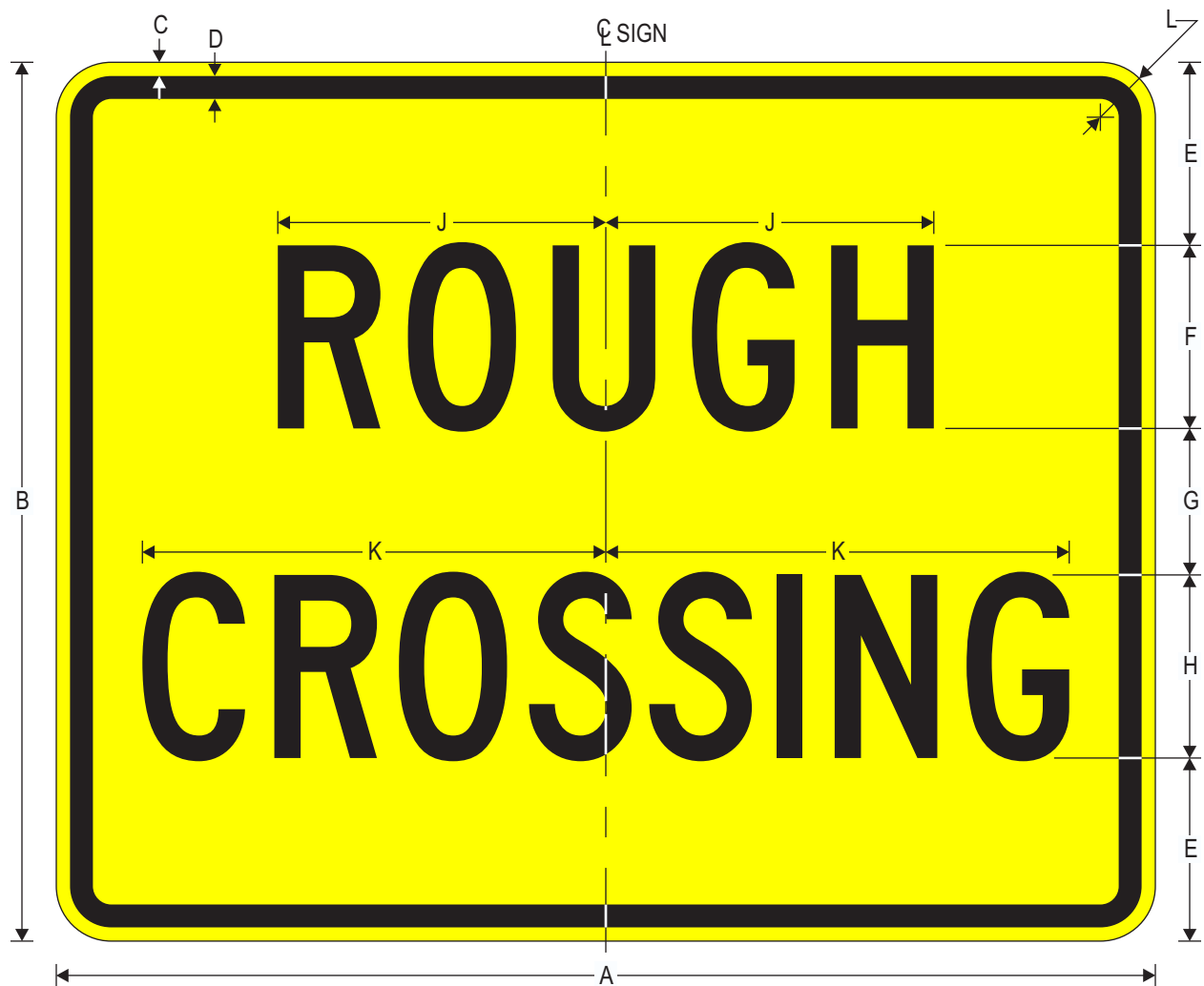
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W10-14aP
USE NEXT CROSSING (PLAQUE)

* Reduce character spacing 20%.

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W10-15P

ROUGH CROSSING (PLAQUE)

* Reduce character spacing 20%.

A	B	C	D	E	F	G	H	J	K	L
30	24	0.375	0.625	5	5 C	4	5 C*	8.953	12.650	1.5
36	30	0.5	0.75	6.5	6 C	5	6 C*	10.744	15.180	1.875

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



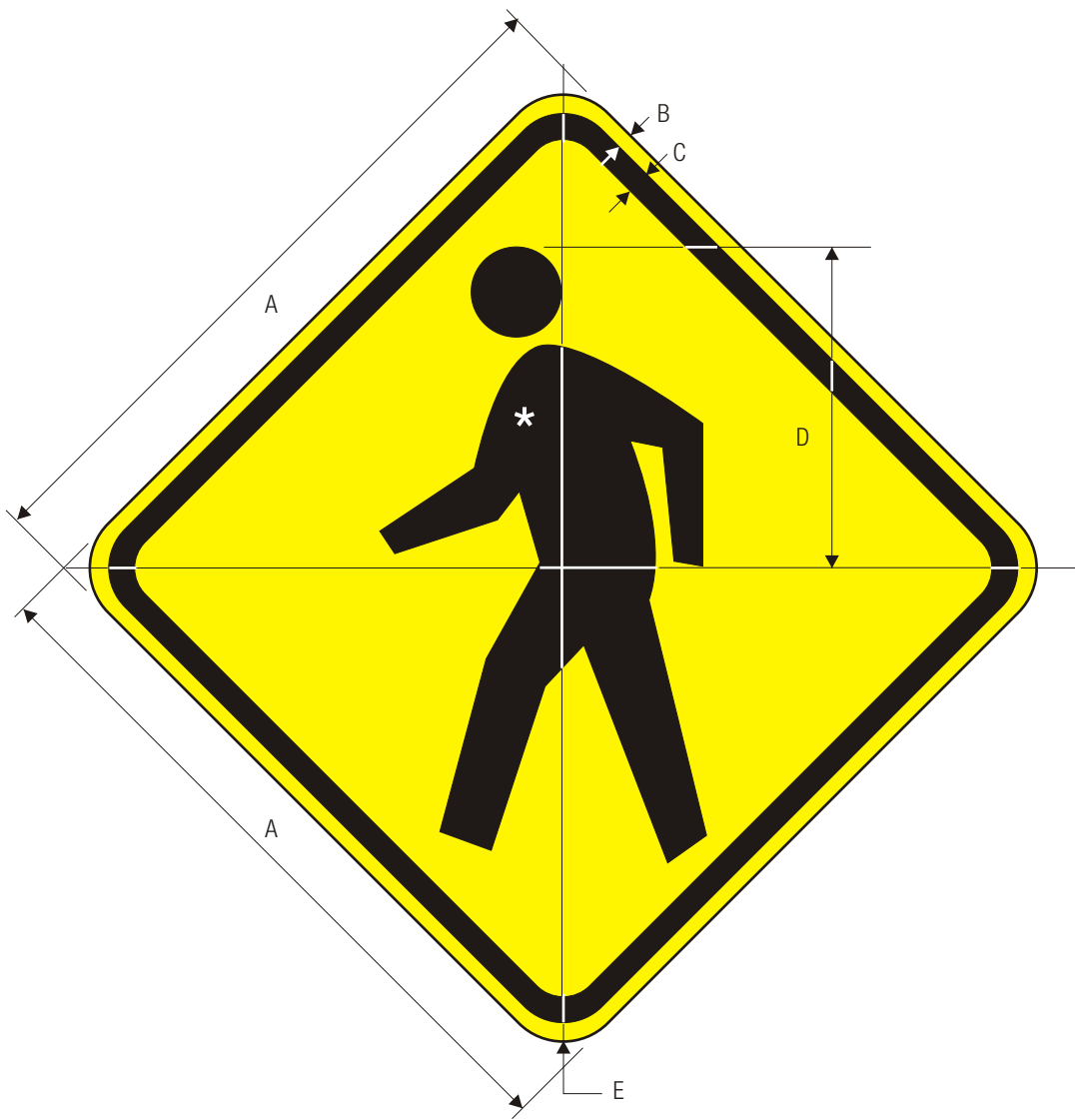
W11-1

BICYCLE TRAFFIC

*See page 6-7 for symbol design.

	A	B	C	D	E	F
	18	.375	.625	5	.594	1.5
C	24	.375	.625	6.688	.813	1.5
	30	.5	.75	8.5	1	1.875
	36	.625	.875	10	1.188	2.25
	48	.75	1.25	13.375	1.625	3

COLORS: SYMBOL — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE) OR
 FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)

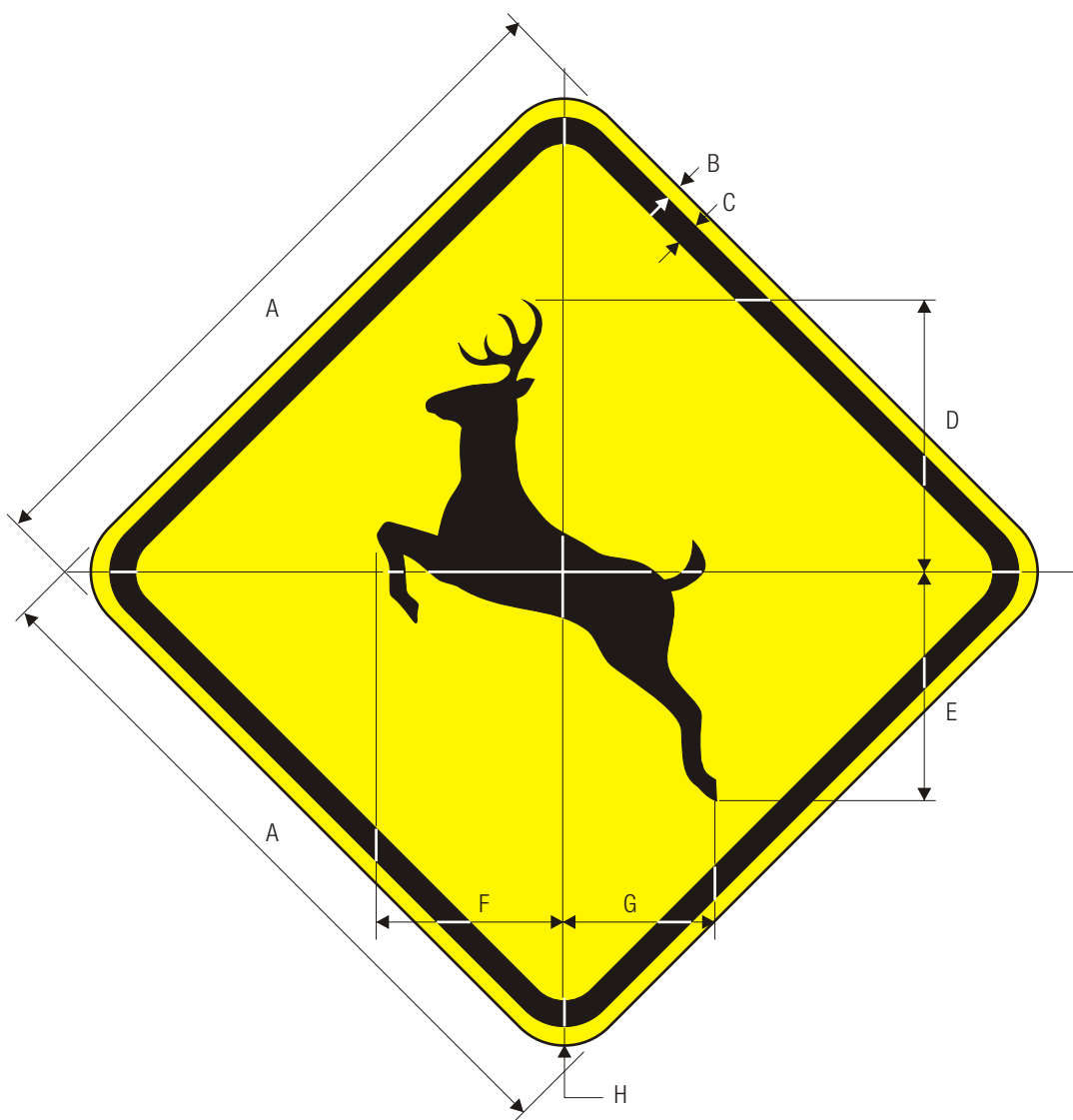


W11-2
PEDESTRIAN TRAFFIC

*See page 6-10 for symbol design.

	A	B	C	D	E
	18	.375	.625	8	1.5
	24	.375	.625	11	1.5
C	30	.5	.75	13.5	1.875
	36	.625	.875	16	2.25
	48	.75	1.25	22	3

COLORS: SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE) OR
FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)

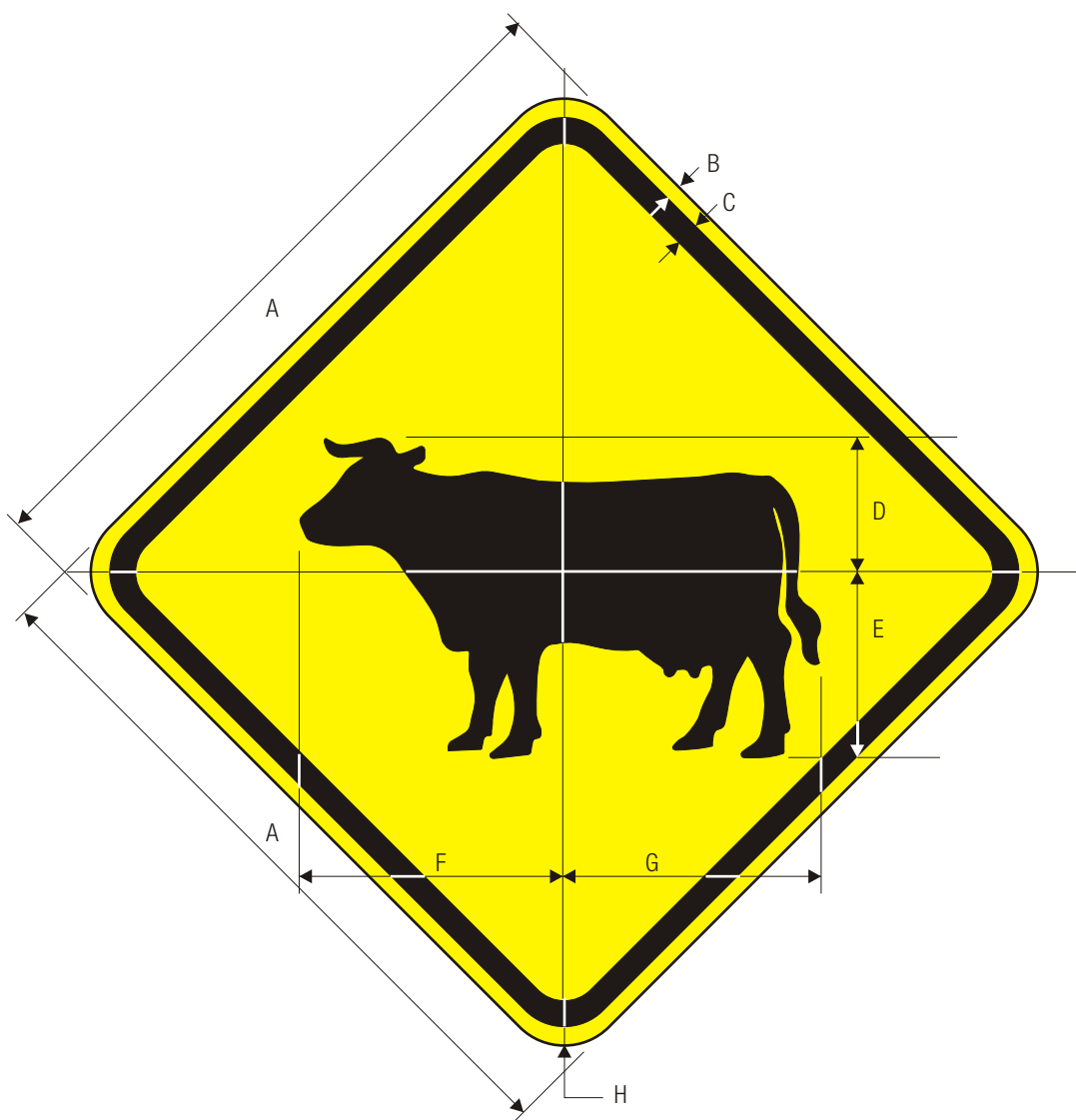


W11-3
DEER TRAFFIC

*See page 6-25 for symbol design.

C	A	B	C	D	E	F	G	H
	24	.375	.625	10.625	7.875	6.5	5.875	1.5
	30	.5	.75	13.5	10	8.25	7.5	1.875
	36	.625	.875	16.25	12	9.875	9	2.25
	48	.75	1.25	21.25	15.75	13	11.75	3

COLORS: SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

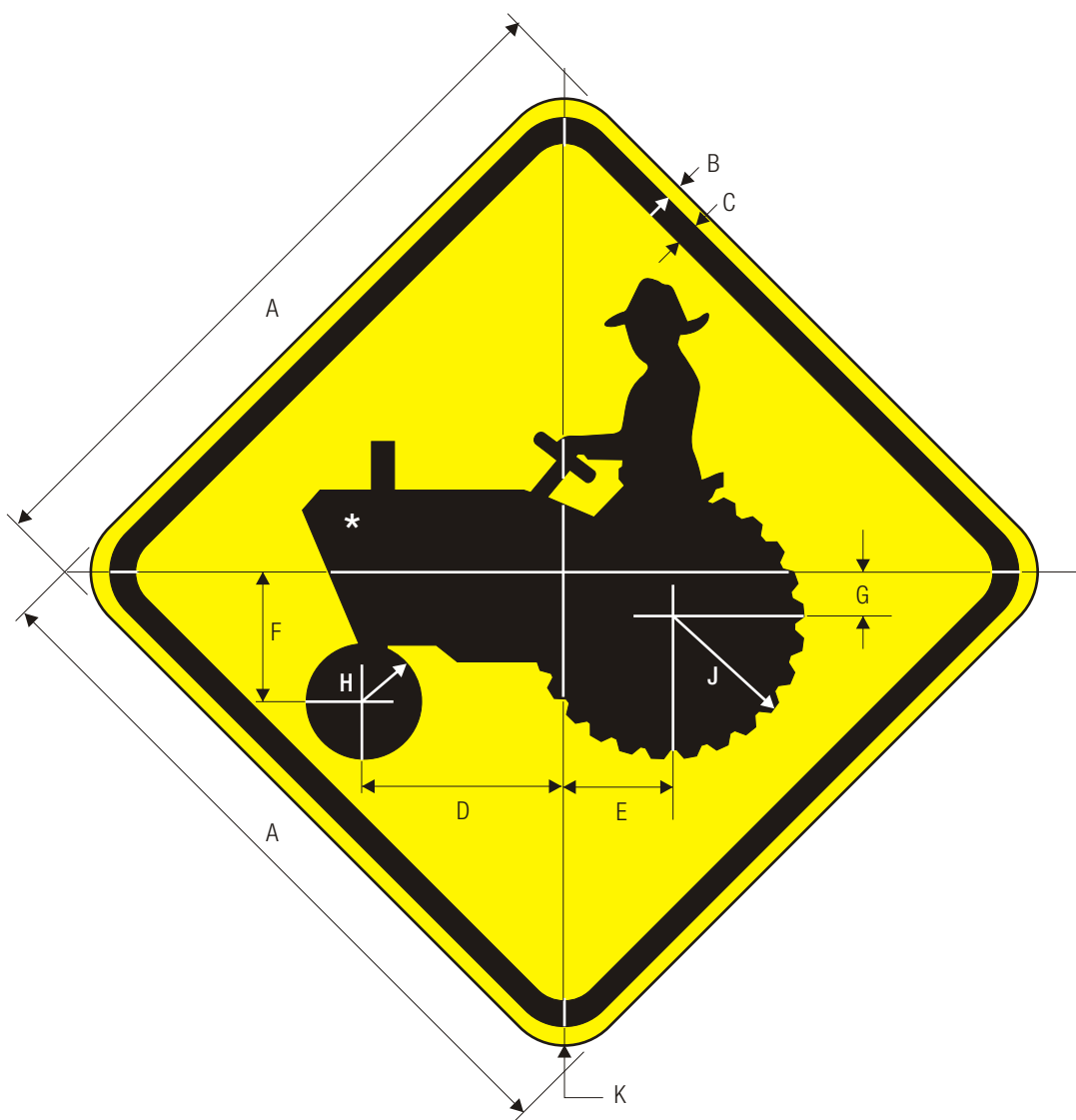


W11-4
CATTLE TRAFFIC

*See page 6-26 for symbol design.

	A	B	C	D	E	F	G	H
	24	.375	.625	4.75	6.313	9.25	8.313	1.5
C	30	.5	.75	6	8	11.75	10.5	1.875
	36	.625	.875	7.25	9.625	14.125	12.625	2.25
	48	.75	1.25	9.5	12.625	18.5	16.625	3

COLORS: SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



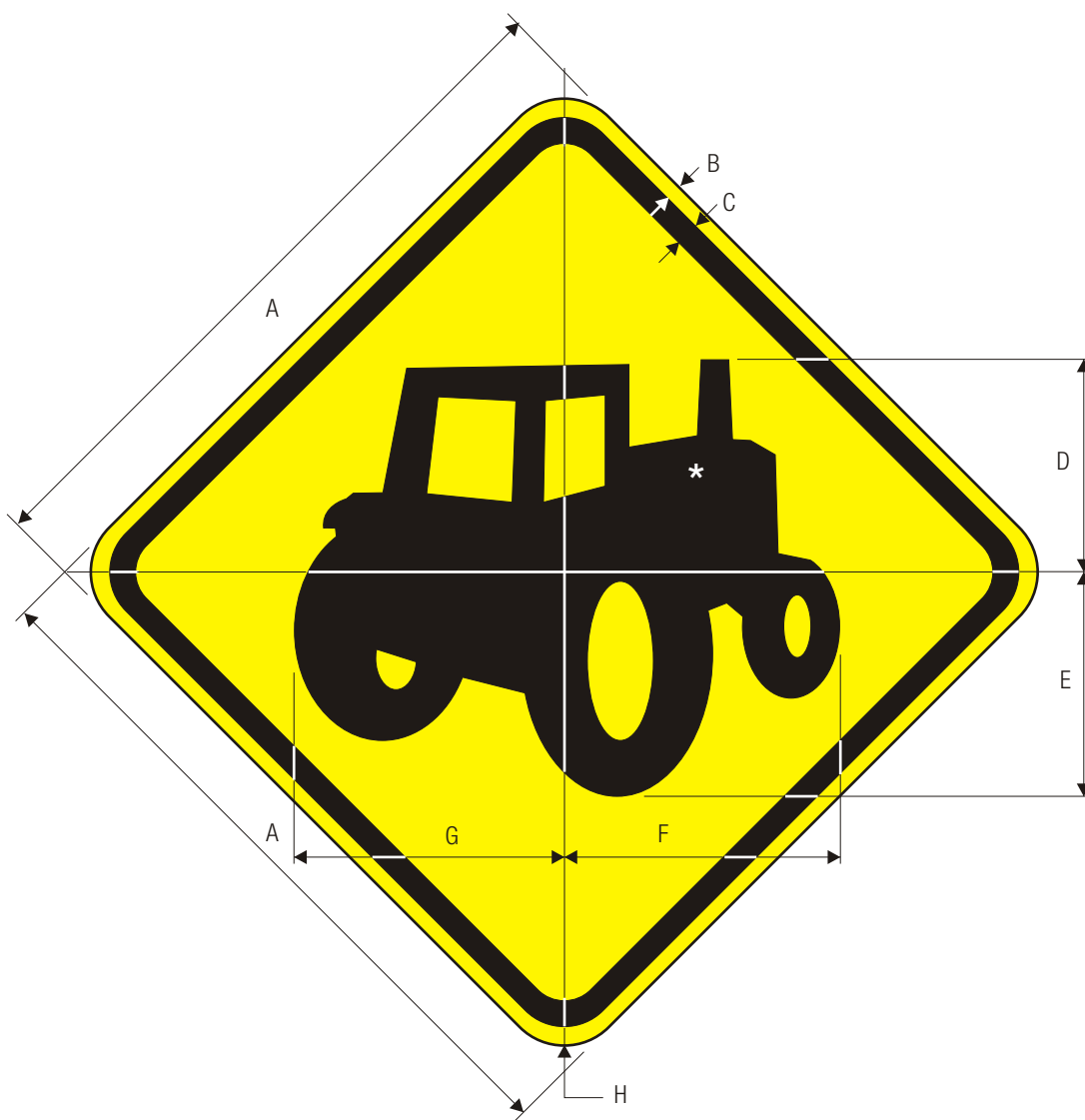
W11-5

FARM MACHINERY TRAFFIC

*See page 6-27 for symbol design.

	A	B	C	D	E	F	G	H	J	K
	24	.375	.625	6.875	3.75	4.375	1.375	2	4.75	1.5
C	30	.5	.75	8.75	4.75	5.5	1.75	2.5	6	1.875
	36	.625	.875	10.5	5.75	6.625	2.125	3	7.25	2.25
	48	.75	1.25	13.75	7.5	8.75	2.75	4	9.5	3

COLORS: SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



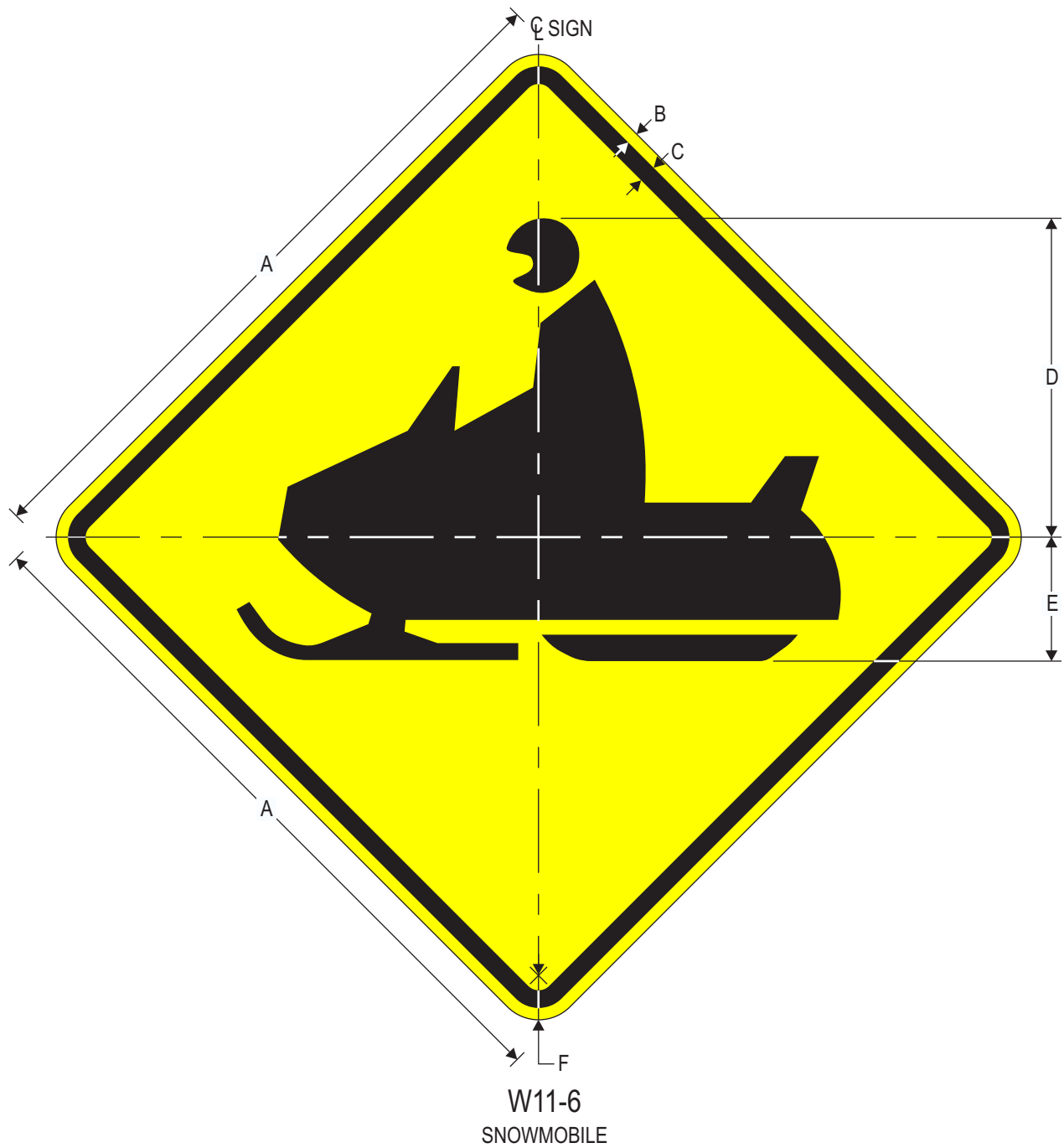
W11-5a

FARM MACHINERY TRAFFIC

*See page 6-28 for symbol design.

	A	B	C	D	E	F	G	H
	24	.375	.625	7.365	7.645	9.447	9.287	1.5
C	30	.5	.75	9.206	9.567	11.808	11.608	1.875
	36	.625	.875	11.048	11.488	14.170	13.930	2.25
	48	.75	1.25	14.731	15.331	18.894	18.574	3

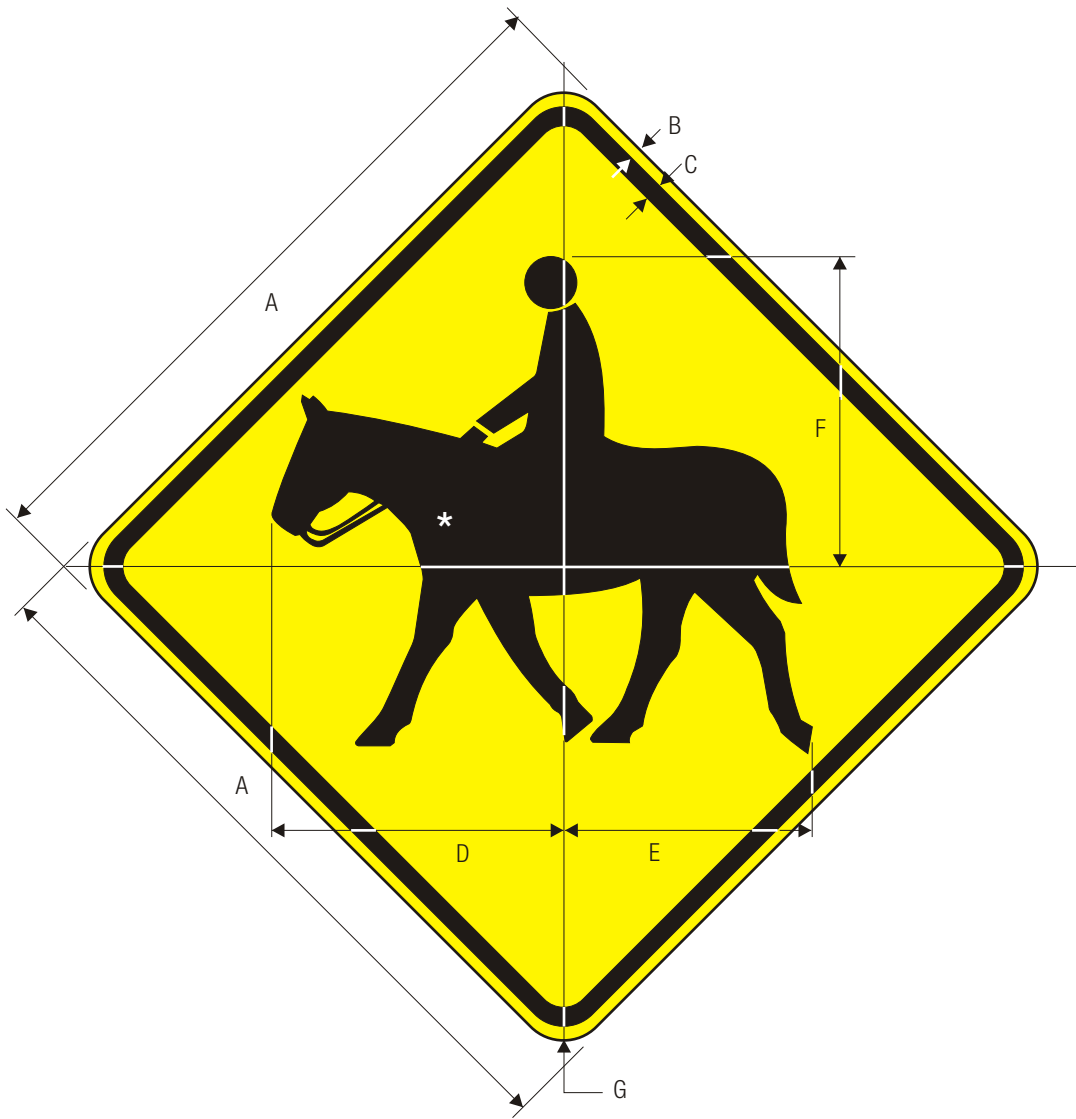
COLORS: SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



* See page 6-29 for symbol design.

A	B	C	D	E	F
24	0.375	0.625	11	4	1.5
30	0.5	0.75	13.5	5.25	1.875
36	0.625	0.875	16.25	6.25	2.25
48	0.75	1.25	22	8	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



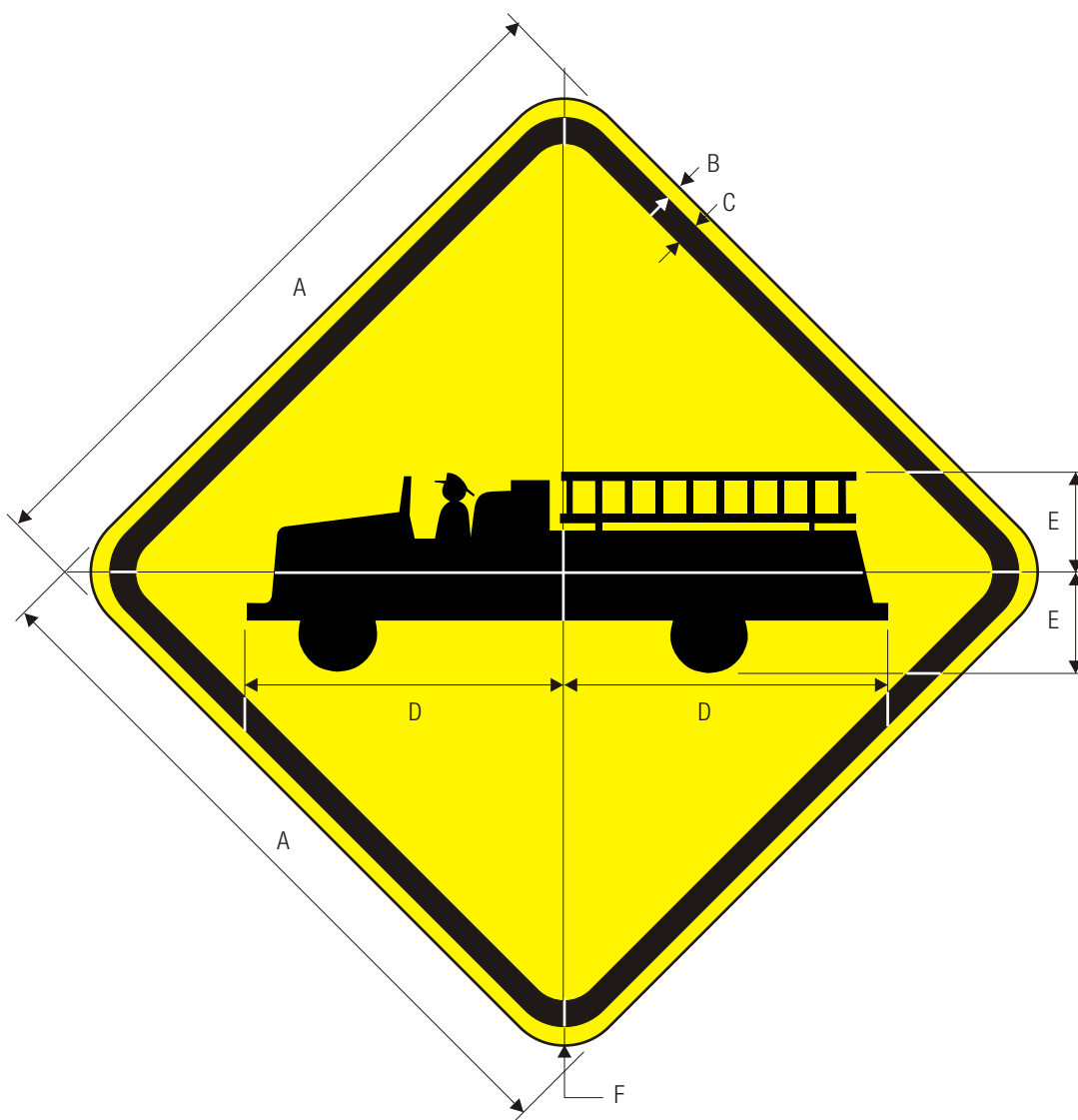
W11-7

EQUESTRIAN TRAFFIC

*See page 6-30 for symbol design.

C	A	B	C	D	E	F	G
	24	.375	.625	10.5	8	10.625	1.5
	30	.5	.75	13	10	13	1.875
	36	.625	.875	15.5	12	15.625	2.25
	48	.75	1.25	21	16	21	3

COLORS: SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



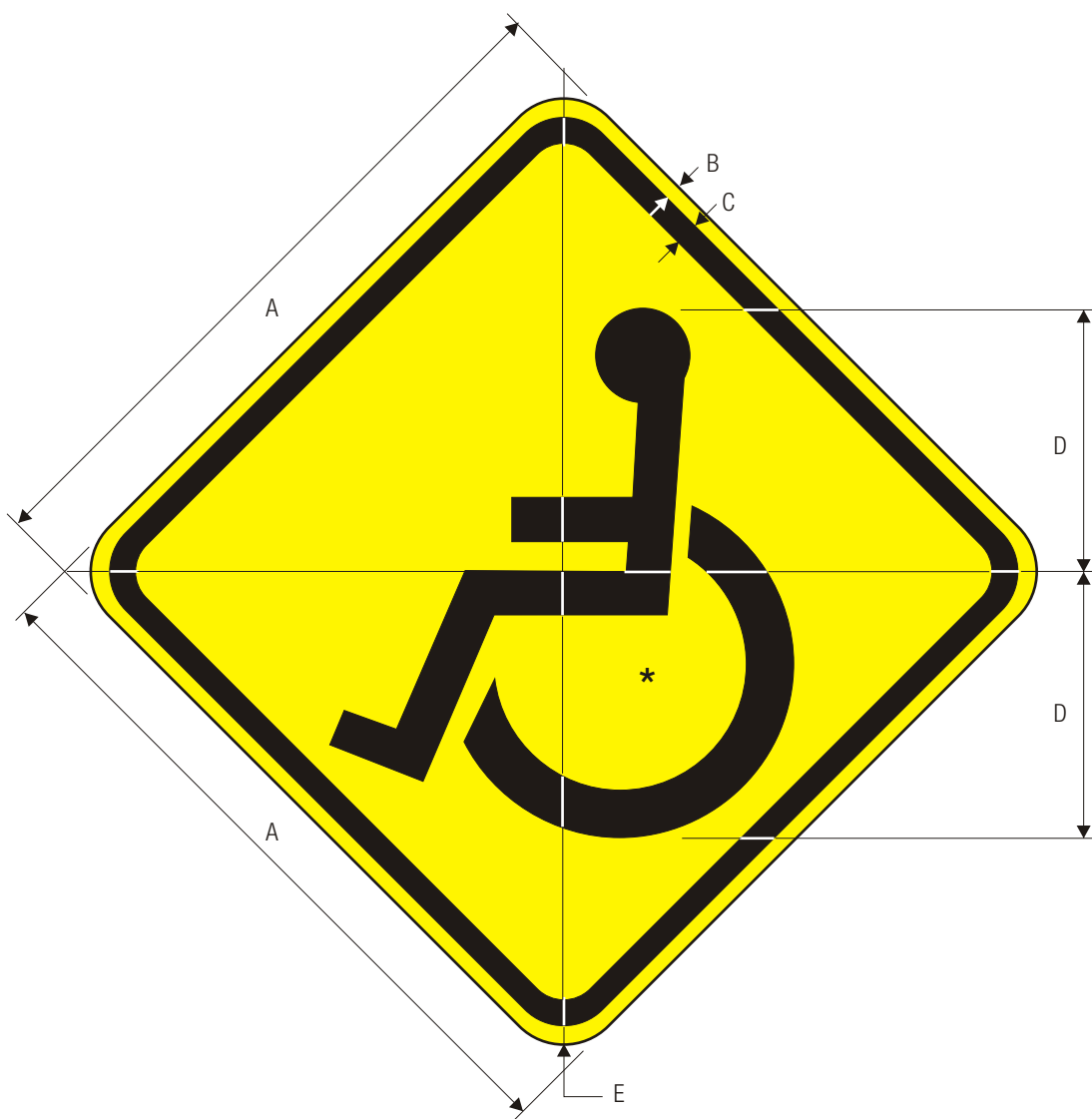
W11-8

EMERGENCY VEHICLE

*See page 6-16 for symbol design.

	A	B	C	D	E	F
	24	.375	.625	11	3.5	1.5
C	30	.5	.75	13.75	4.375	1.875
	36	.625	.875	16.5	5.25	2.25
	48	.75	1.25	22	7	3

COLORS: SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

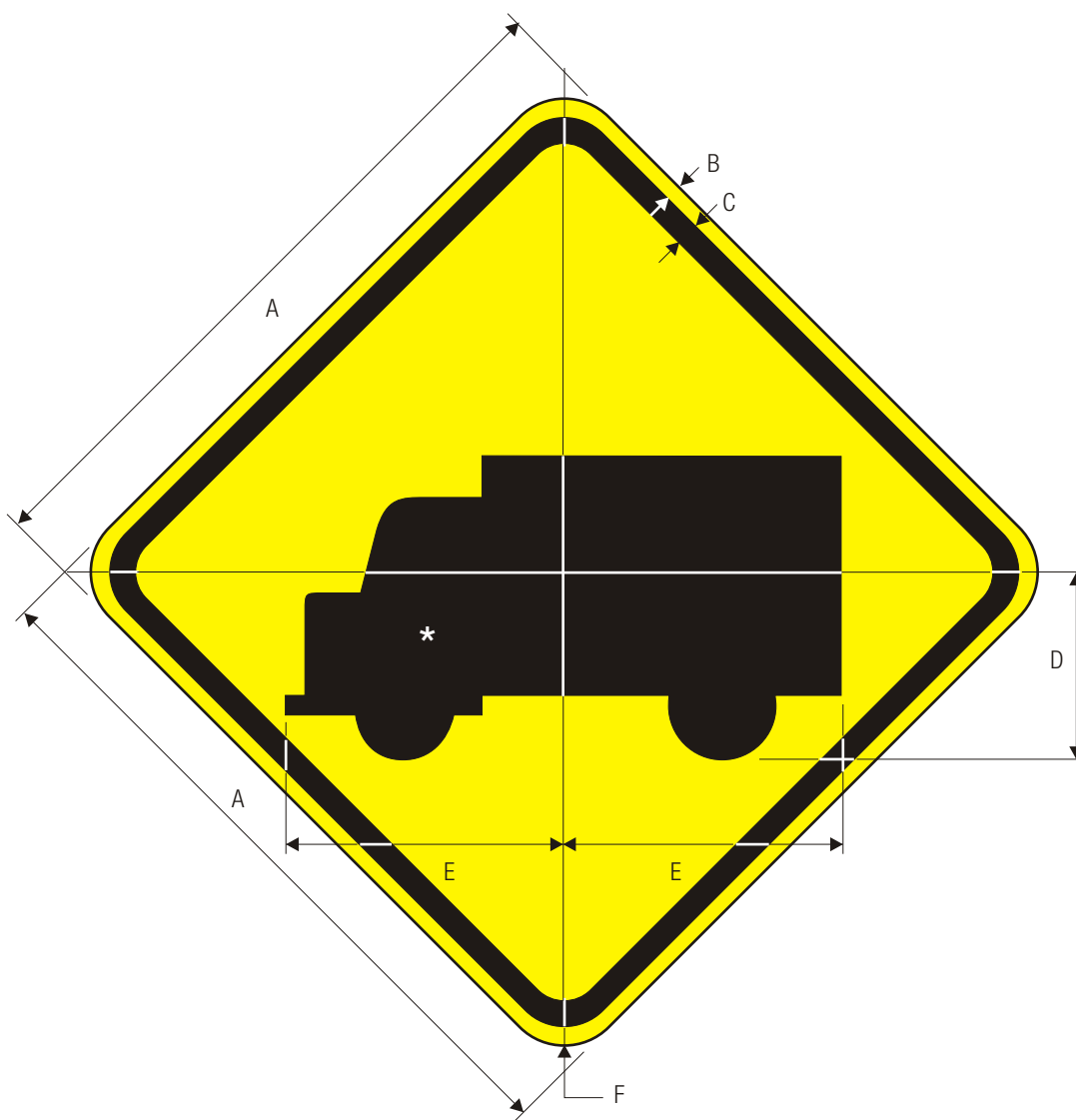


W11-9
HANDICAPPED

*See page 6-31 for symbol design.

	A	B	C	D	E
	24	.375	.625	9	1.5
C	30	.5	.75	11.25	1.875
	36	.625	.875	13.5	2.25
	48	.75	1.25	18	3

COLORS: SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE) OR
FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)



W11-10

TRUCK CROSSING

*See page 6-4 for symbol design.

C	A	B	C	D	E	F
	24	.375	.625	7	9.5	1.5
	30	.5	.75	9	12	1.875
	36	.625	.875	10	14	2.25
	48	.75	1.25	14	19	3

WARNING SIGN COLORS:

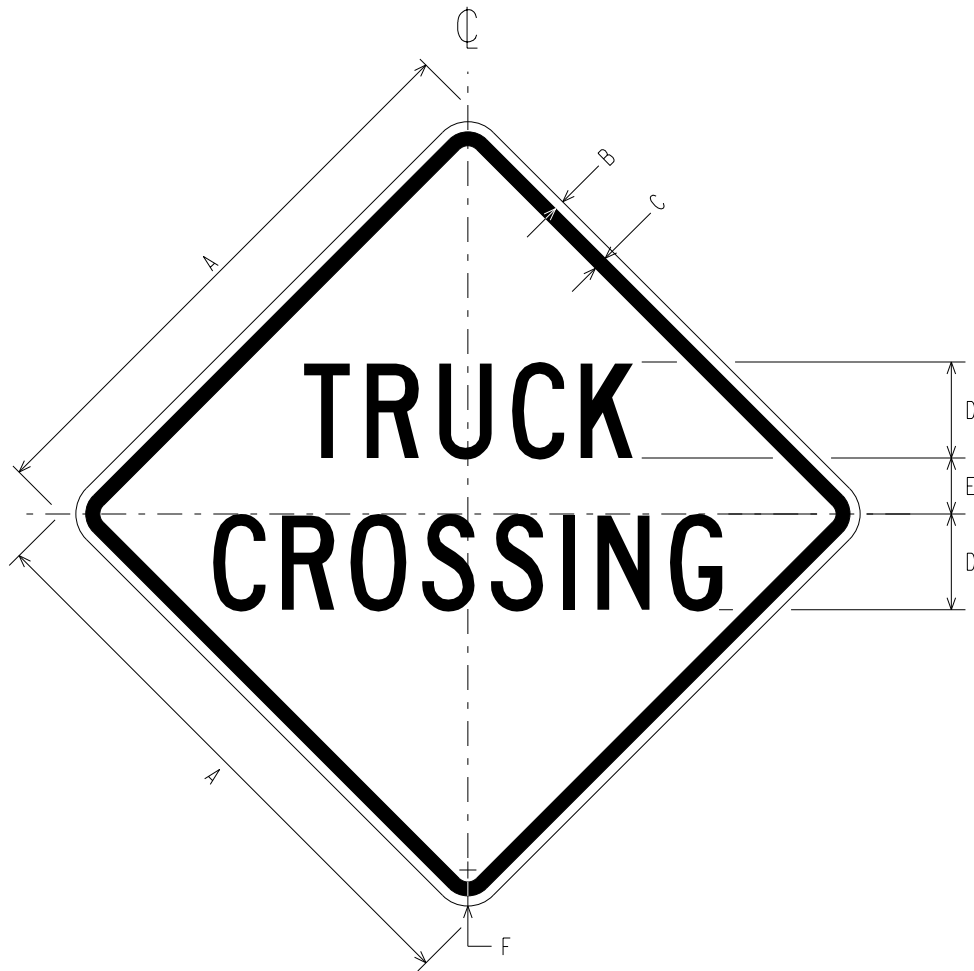
SYMBOL — BLACK

BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

SYMBOL — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



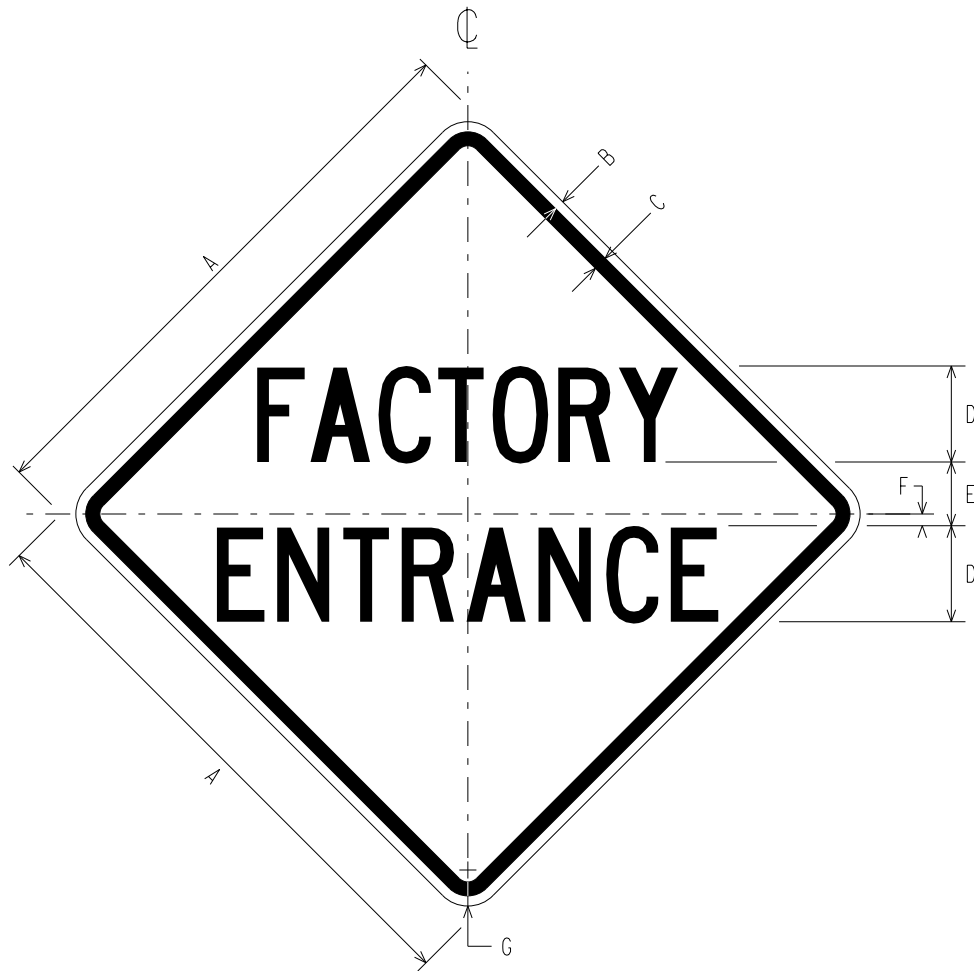
W11-10a
TRUCK CROSSING TEXT

SIGN	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
LOCAL	24	.375	.625	4 C	2.5	1.5
MIN.	30	.5	.75	5 C	3	1.875
STD.	36	.625	.875	6 C	3.5	2.25
SPECIAL	48	.75	1.25	8 C	5	3

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - ORANGE (REFL.)
 (CONSTRUCTION SIGNS)

LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - YELLOW (REFL.)
 (PERMANENT SIGNS)
 CENTRALLY LOCATE ALL LEGENDS



W11-10b
FACTORY ENTRANCE

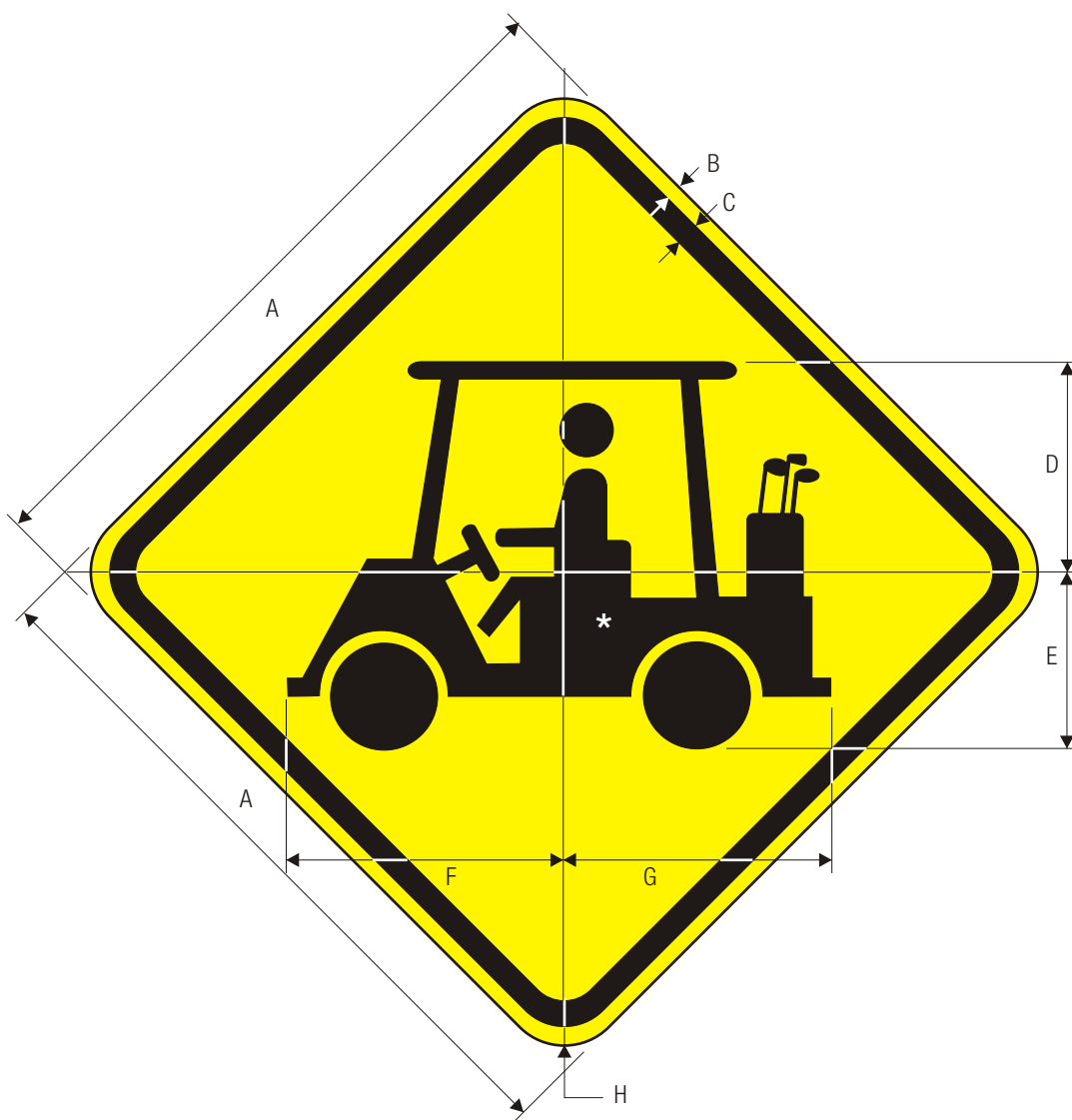
SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
STD.	36	.625	.875	6 C	4	.75	2.25
SPECIAL	48	.75	1.25	8 C	5	.25	3

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - YELLOW (REFL.)

CENTRALLY LOCATE ALL LEGENDS



W11-11

GOLF CART TRAFFIC

*See page 6-32 for symbol design.

	A	B	C	D	E	F	G	H
	24	.375	.625	7.285	6.064	9.467	9.126	1.5
C	30	.5	.75	9.126	7.605	11.889	11.448	1.875
	36	.625	.875	10.928	9.126	14.250	13.730	2.25
	48	.75	1.25	14.571	12.129	18.934	18.253	3

COLORS: SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W11-12P

EMERGENCY SIGNAL AHEAD

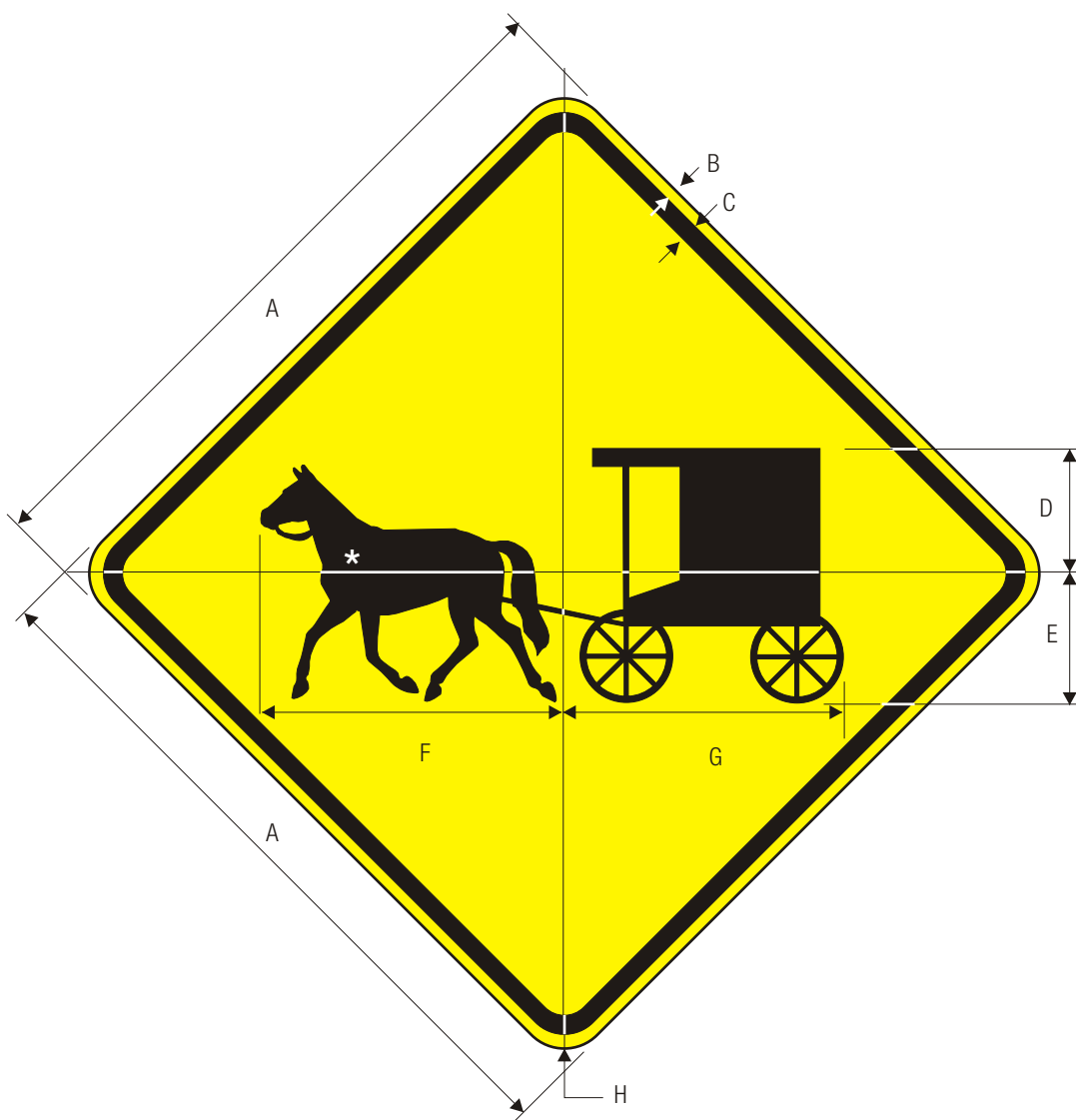
For use with W11-8 Emergency Vehicle Design.

*Series 2000 Standard Alphabets.

C

A	B	C	D	E	F	G	H	J	K	L	M
24	18	.375	.625	3	3 C	1.5	3	9.667	5.704	5.223	1.5
30	24	.5	.75	4	4 C	2	4	12.889	7.605	6.985	1.875
36	30	.625	.875	5.625	4.25 C	3	5.625	14.190	8.366	7.665	2.25

COLORS: LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



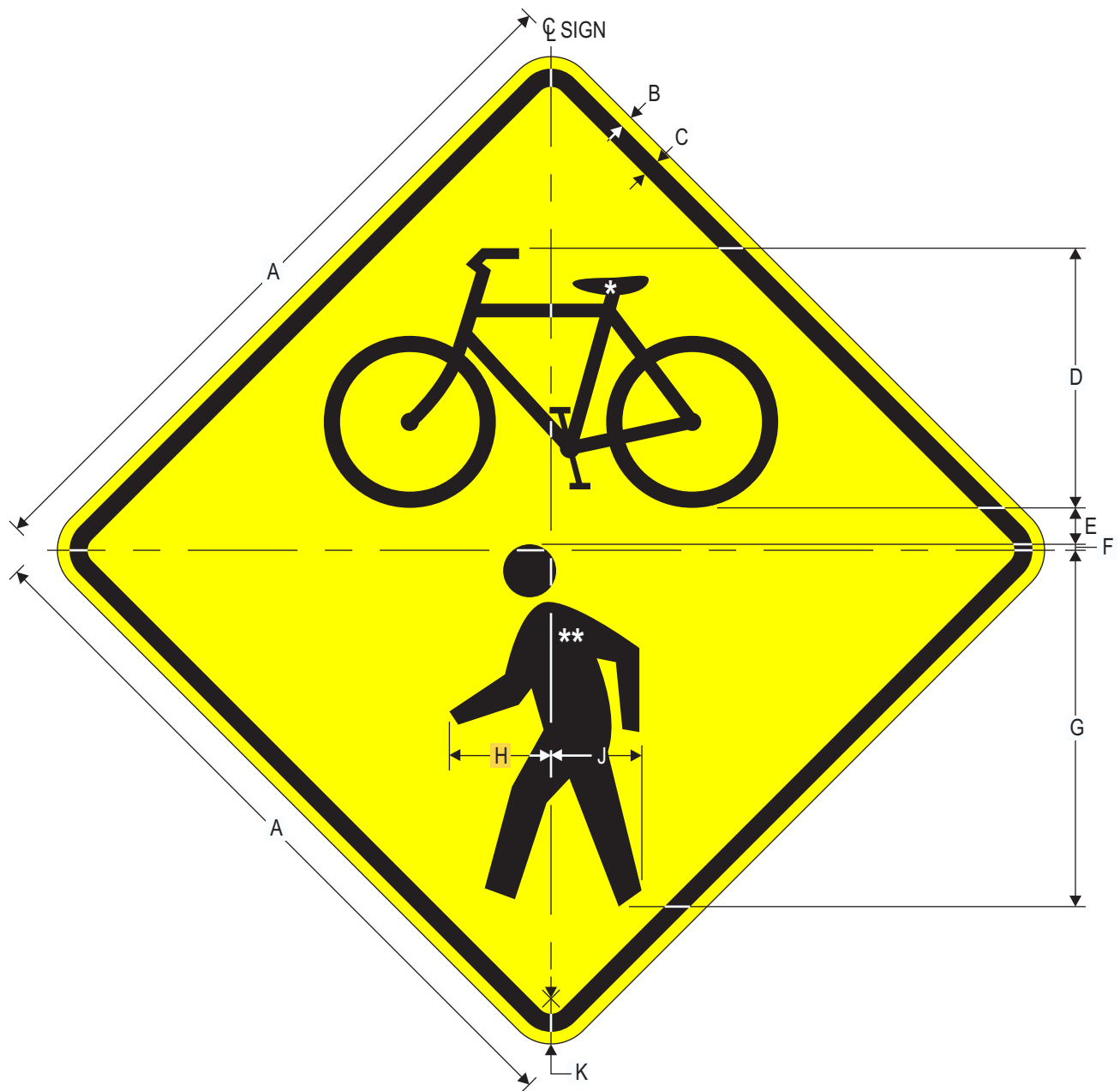
W11-14

HORSE AND BUGGY TRAFFIC

*See page 6-37 for symbol design.

	A	B	C	D	E	F	G	H
	24	.375	.625	4.323	4.443	10.407	9.567	1.5
C	30	.5	.75	5.404	5.564	13.000	11.969	1.875
	36	.625	.875	6.484	6.685	15.611	14.370	2.25
	48	.75	1.25	8.646	8.926	20.815	19.174	3

COLORS: LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)



W11-15

COMBINATION BIKE AND PEDESTRIAN CROSSING

* See page 6-7 for symbol design.

** See page 6-10 for symbol design.

A	B	C	D	E	F	G	H	J	K
18	0.375	0.625	6.25	1	0.125	8.875	2.524	2.25	1.5
24	0.375	0.625	8.5	1.375	0.125	11.875	3.366	3	1.5
30	0.5	0.75	10.75	1.75	0.25	14.75	4.207	3.75	1.875
36	0.625	0.875	12.75	2.125	0.375	17.625	5.049	4.5	2.25
48	0.75	1.25	17	2.75	0.375	23.625	6.732	6	3

COLORS: LEGEND, BORDER — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE) OR
 FLOURESCENT YELLOW-GREEN (RETROREFLECTIVE)



W11-15a
TRAIL CROSSING

A	B	C	D	E	F	G	H	J
24	0.375	0.625	4 C	3	5.402	6.402	10.604	1.5
30	0.5	0.75	5 C	3.75	6.877	7.878	13.255	1.875
36	0.625	0.875	6 C	4.5	8.103	9.603	15.906	2.25
48	0.75	1.25	8 C	6	10.804	12.804	21.207	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

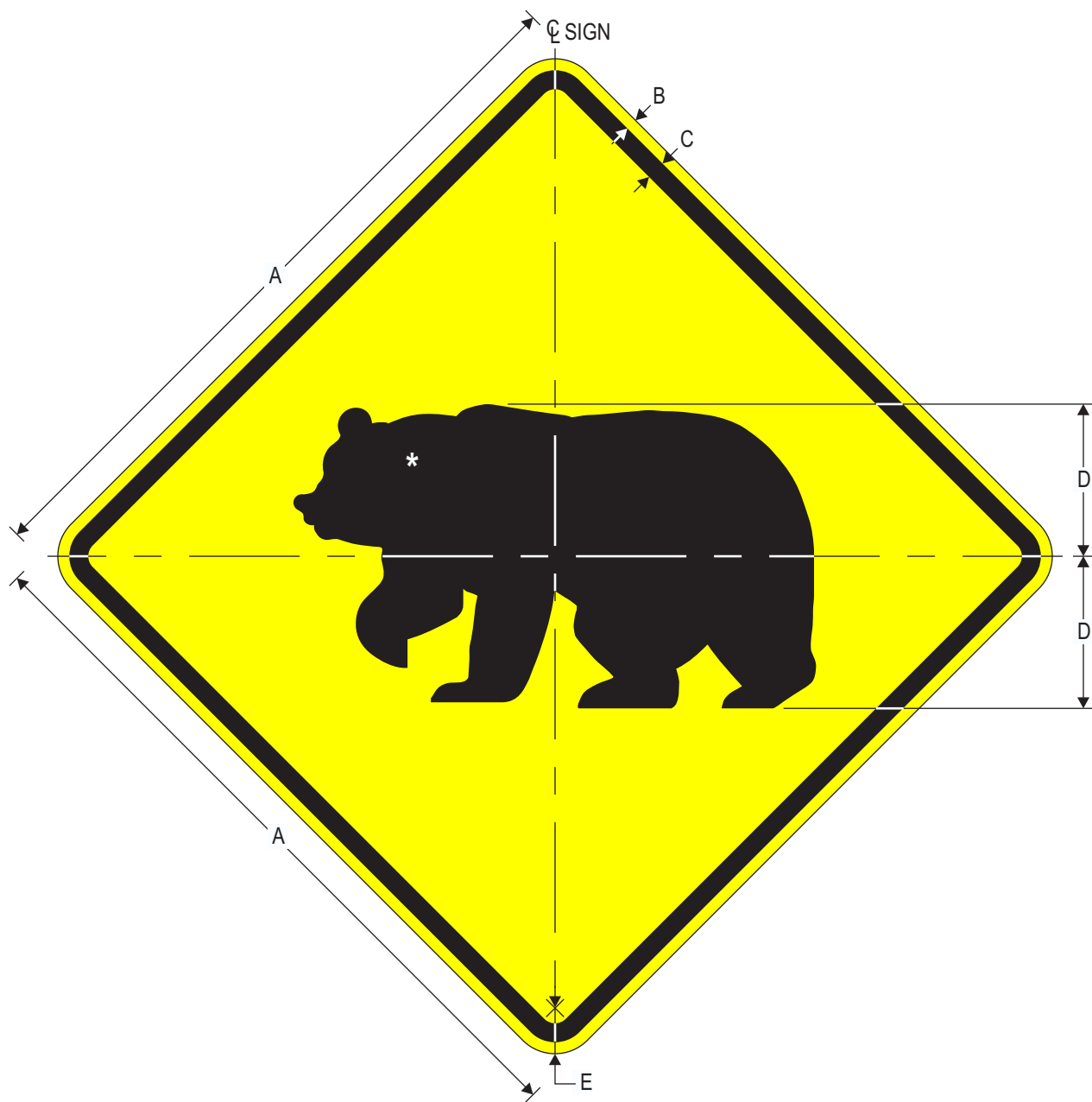


W11-15P
TRAIL CROSSING (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L
18	12	0.375	0.375	2.5	2.5 D	2	4.440	1.702	0.375	1.25
24	18	0.375	0.625	3.5	4 D	3	7.104	2.723	0.5	2
30	24	0.375	0.625	5	5 D	4	8.880	3.404	0.625	2.5
36	30	0.5	0.75	6.5	6 D	5	10.656	4.085	0.75	3

M	N	P	Q
0.625	0.501	4.453	1.5
1	0.852	7.074	1.5
1.25	1.063	8.845	1.5
1.5	1.277	10.612	1.875

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE) OR
FLOURESCENT YELLOW-GREEN (RETROREFLECTIVE)

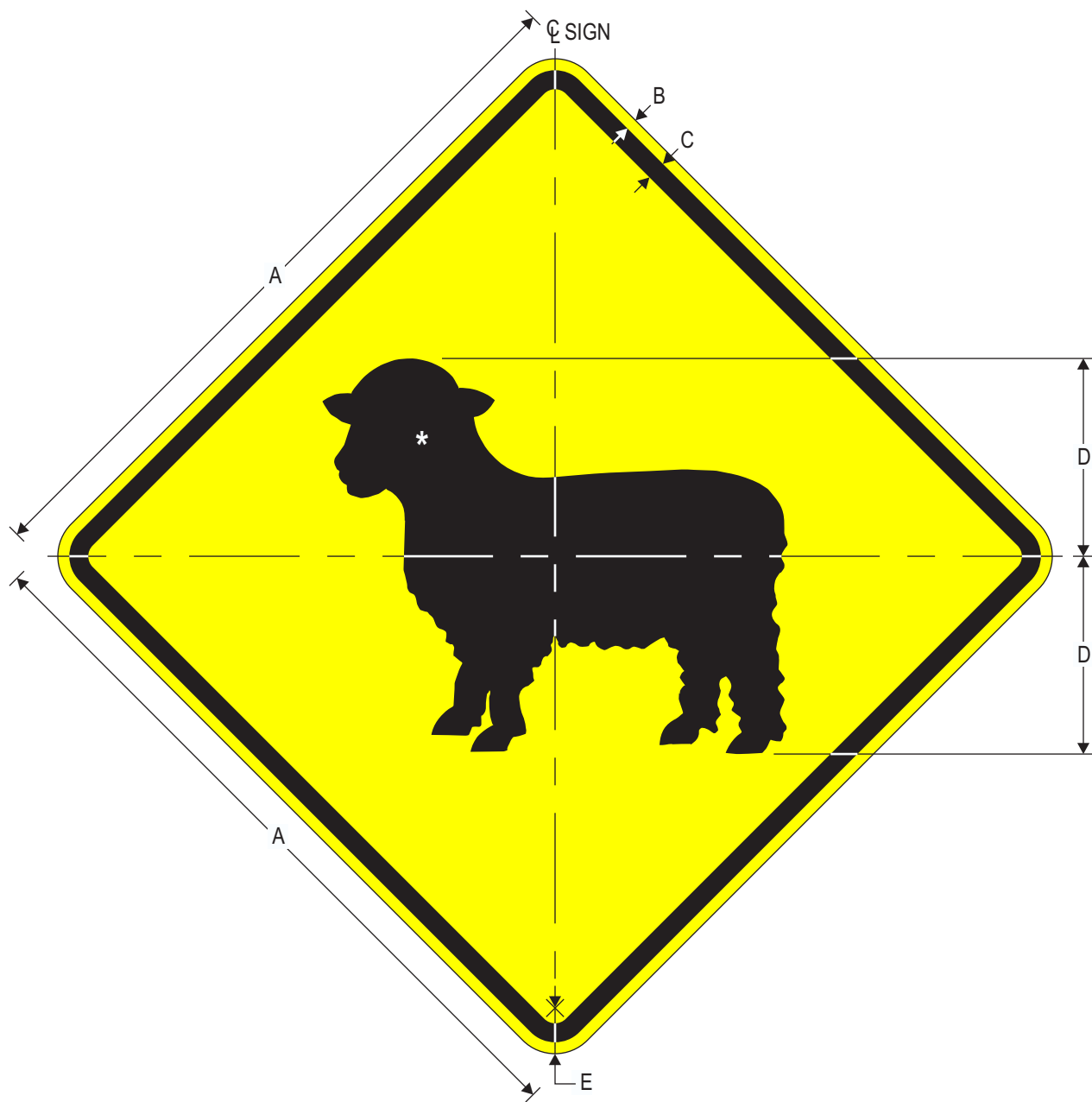


W11-16
LARGE ANIMAL - BEAR

* See page X-XX for symbol design.

A	B	C	D	E
24	0.375	0.625	5	1.5
30	0.5	0.75	6.25	1.875
36	0.625	0.875	7.5	2.25
48	0.75	1.25	10	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

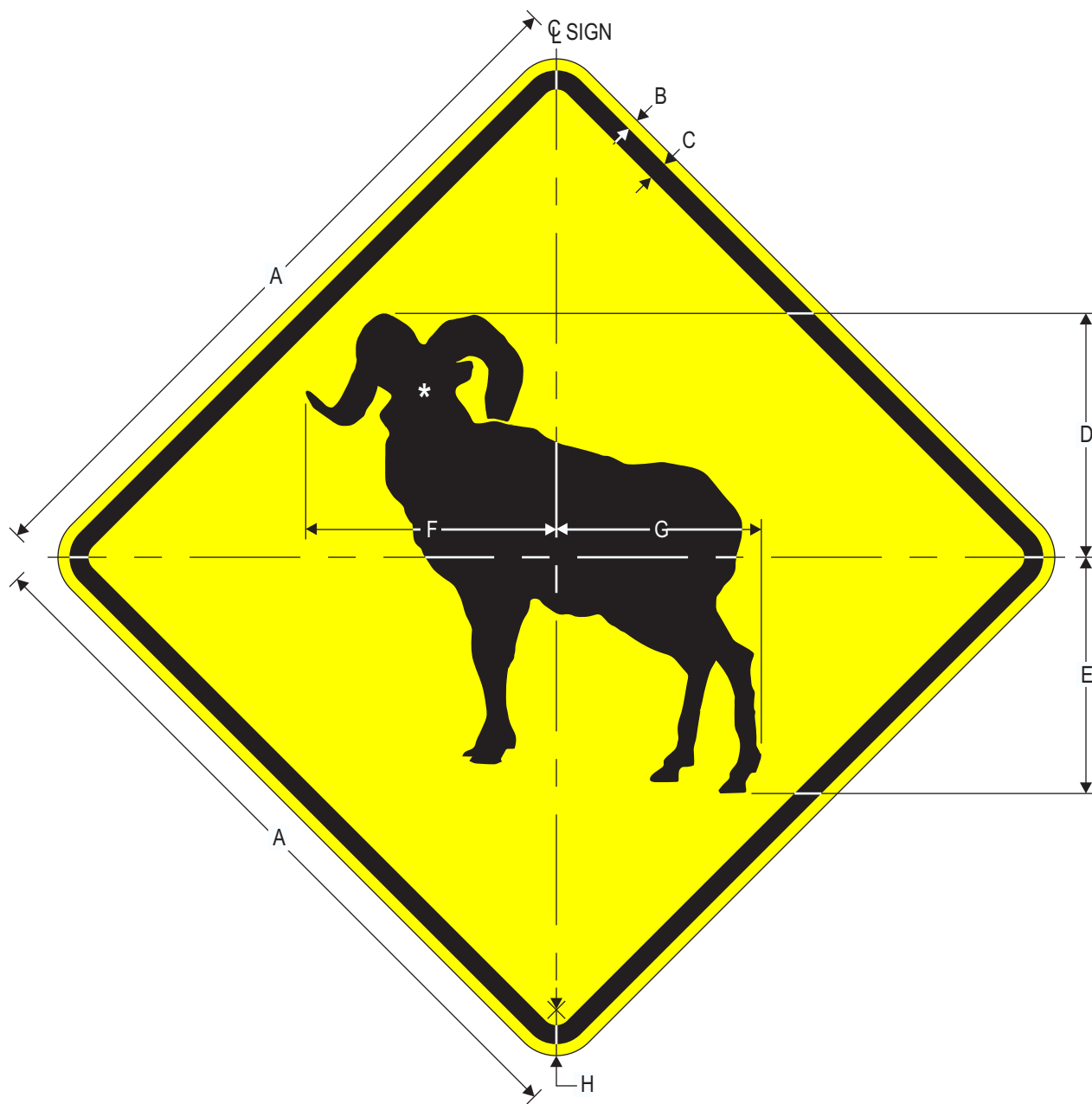


W11-17
LARGE ANIMAL - SHEEP

* See page X-XX for symbol design.

A	B	C	D	E
24	0.375	0.625	6.5	1.5
30	0.5	0.75	8.125	1.875
36	0.625	0.875	9.75	2.25
48	0.75	1.25	13	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

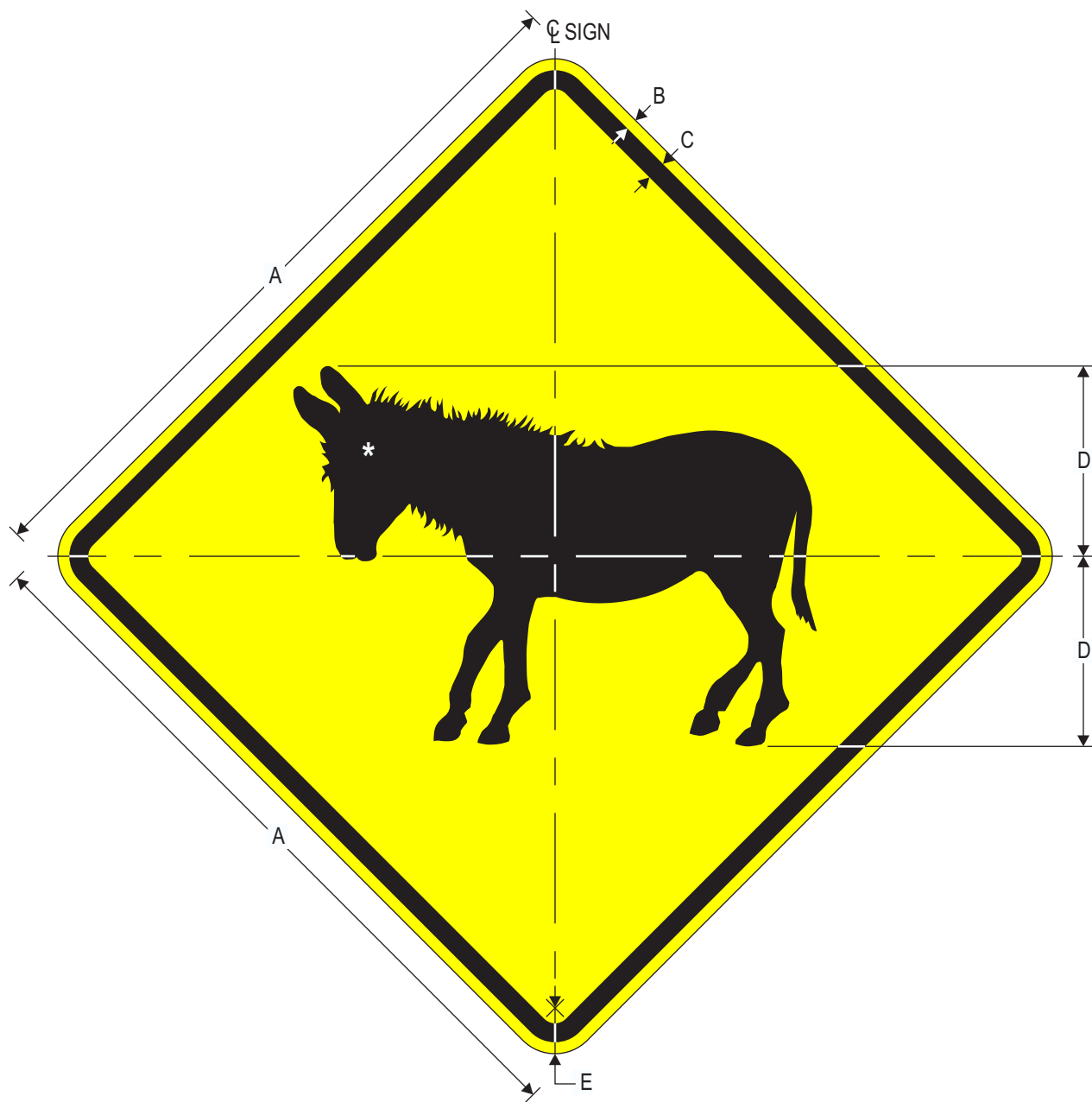


W11-18
LARGE ANIMAL - BIGHORN SHEEP

* See page X-XX for symbol design.

A	B	C	D	E	F	G	H
24	0.375	0.625	8	7.75	8.222	6.722	1.5
30	0.5	0.75	10	9.75	10.307	8.432	1.875
36	0.625	0.875	12	11.75	12.518	10.018	2.25
48	0.75	1.25	16	16	16.931	13.431	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

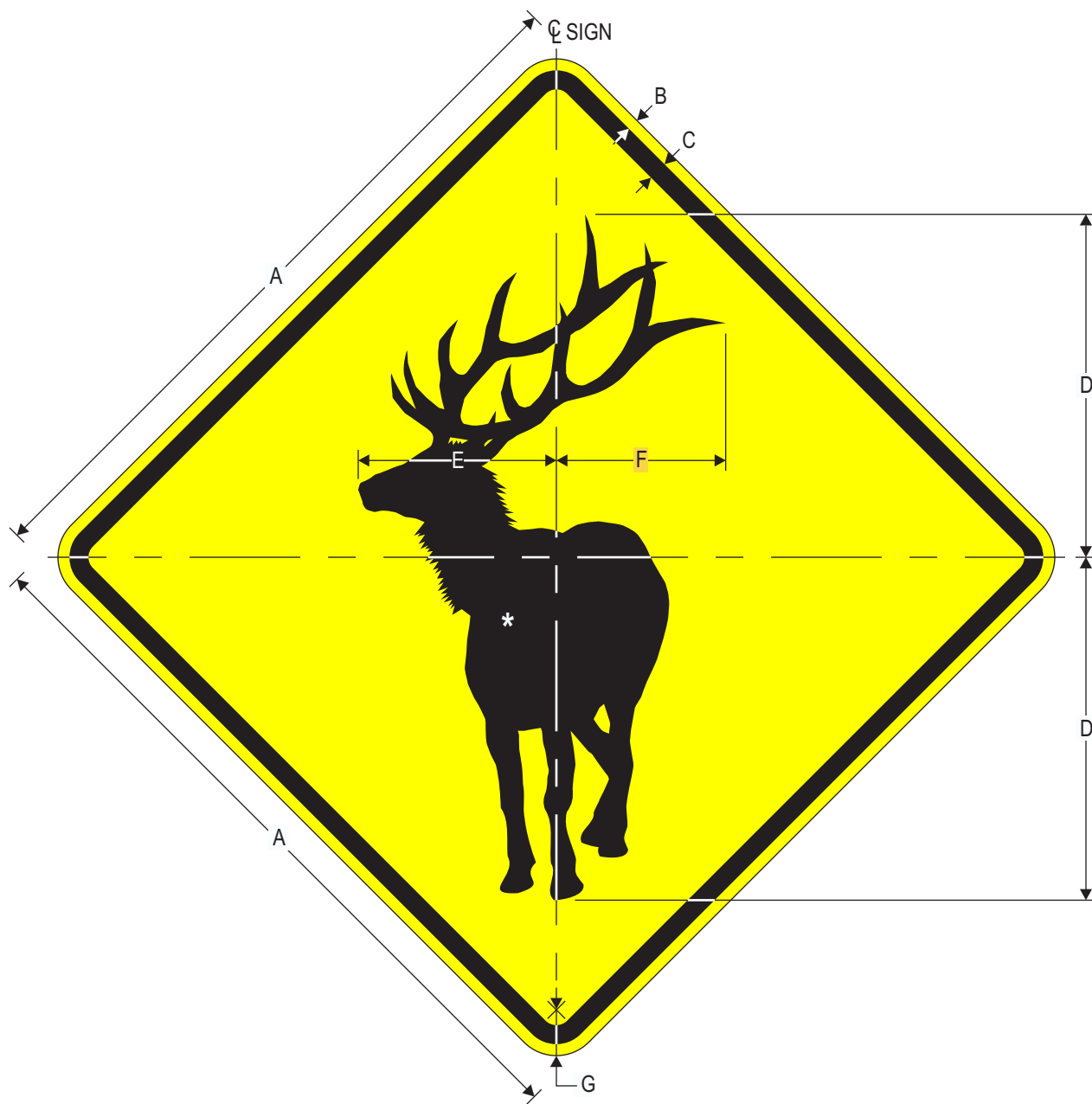


W11-19
LARGE ANIMAL - DONKEY

* See page X-XX for symbol design.

A	B	C	D	E
24	0.375	0.625	6.25	1.5
30	0.5	0.75	8	1.875
36	0.625	0.875	9.5	2.25
48	0.75	1.25	12.25	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

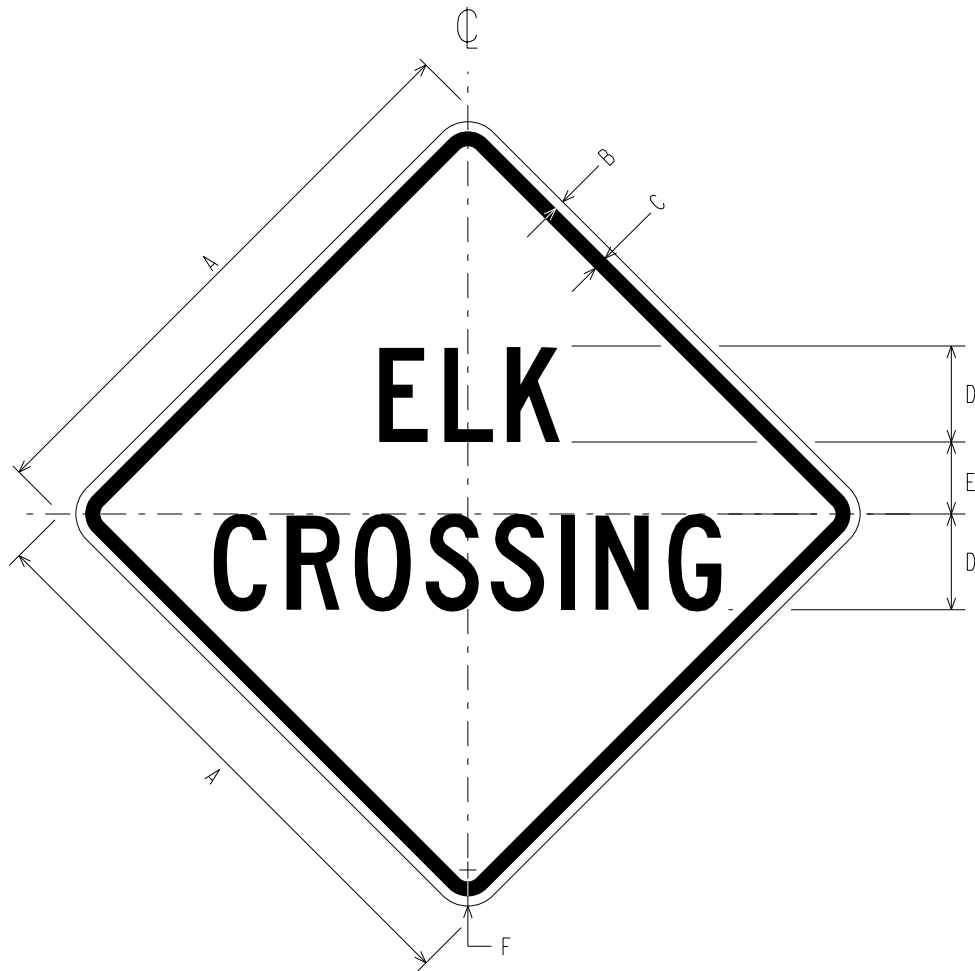


W11-20
LARGE ANIMAL - ELK

* See page X-XX for symbol design.

A	B	C	D	E	F	G
24	0.375	0.625	11.25	6.5	5.554	1.5
30	0.5	0.75	14.5	8.5	7.036	1.875
36	0.625	0.875	17	10	8.214	2.25
48	0.75	1.25	23	13.5	11.143	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W11-20a
ELK CROSSING TEXT

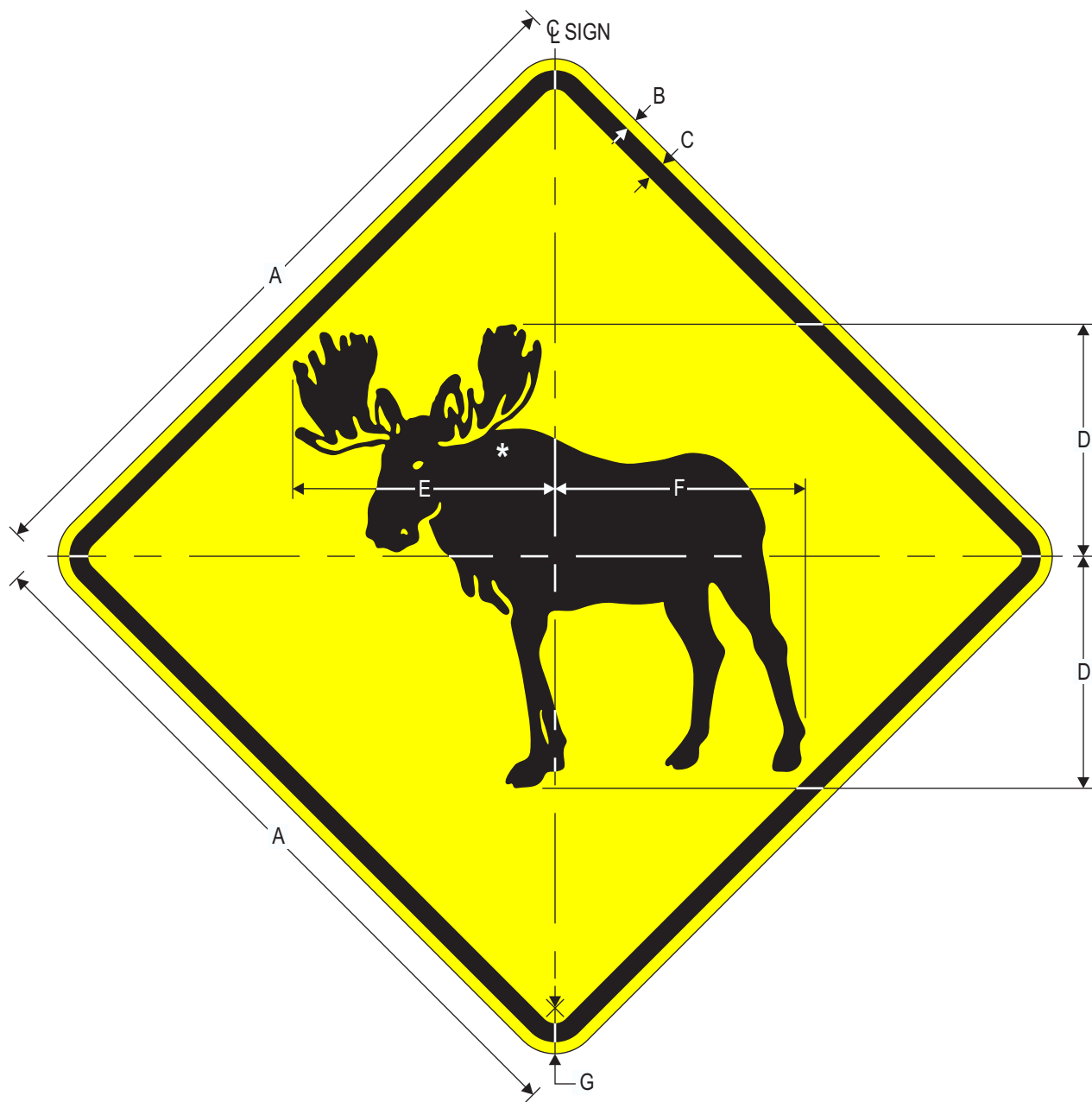
SIGN	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
LOCAL	24	.375	.625	4 C	3	1.5
MIN.	30	.5	.75	5 C	3.75	1.875
STD.	36	.625	.875	6 C	4.5	2.25
SPECIAL	48	.75	1.25	8 C	6	3

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - YELLOW (REFL.)

CENTRALLY LOCATE ALL LEGENDS

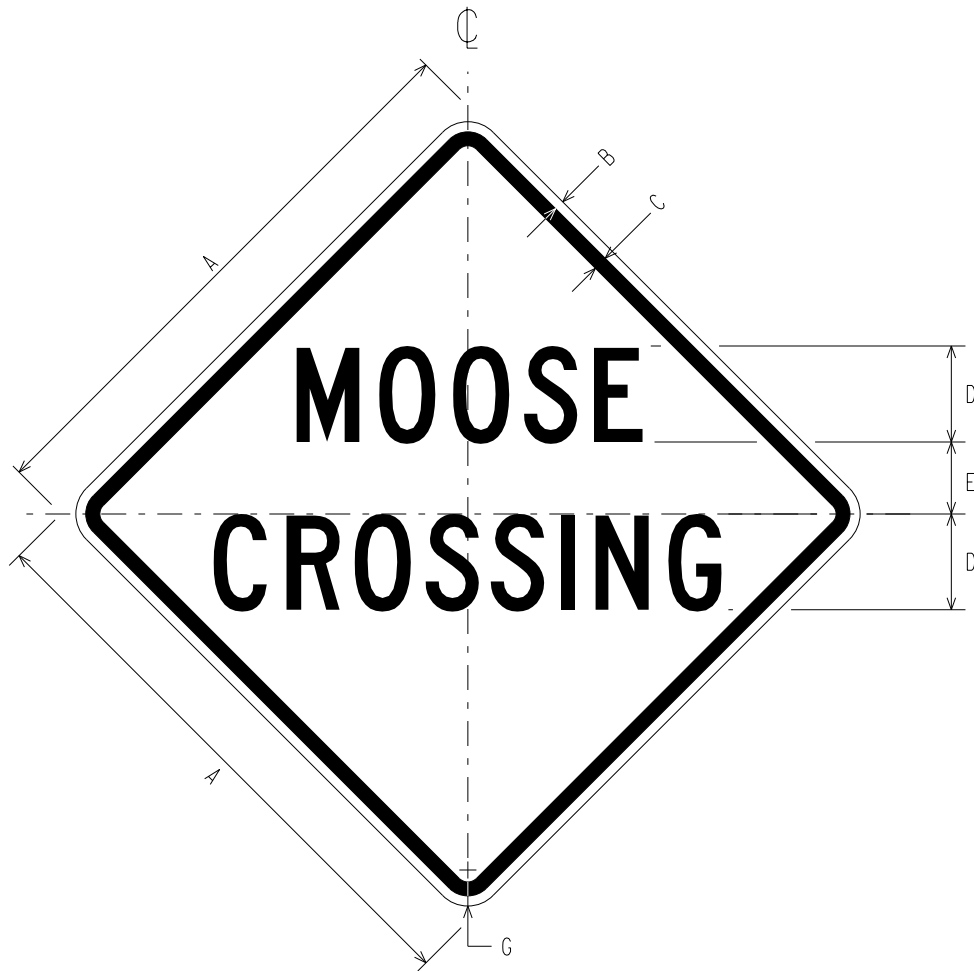


W11-21
LARGE ANIMAL - MOOSE

* See page X-XX for symbol design.

A	B	C	D	E	F	G
24	0.375	0.625	7.625	8.625	8.231	1.5
30	0.5	0.75	9.5	10.75	10.251	1.875
36	0.625	0.875	11.25	12.75	12.120	2.25
48	0.75	1.25	15	16.75	16.409	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W11-21a
MOOSE CROSSING TEXT

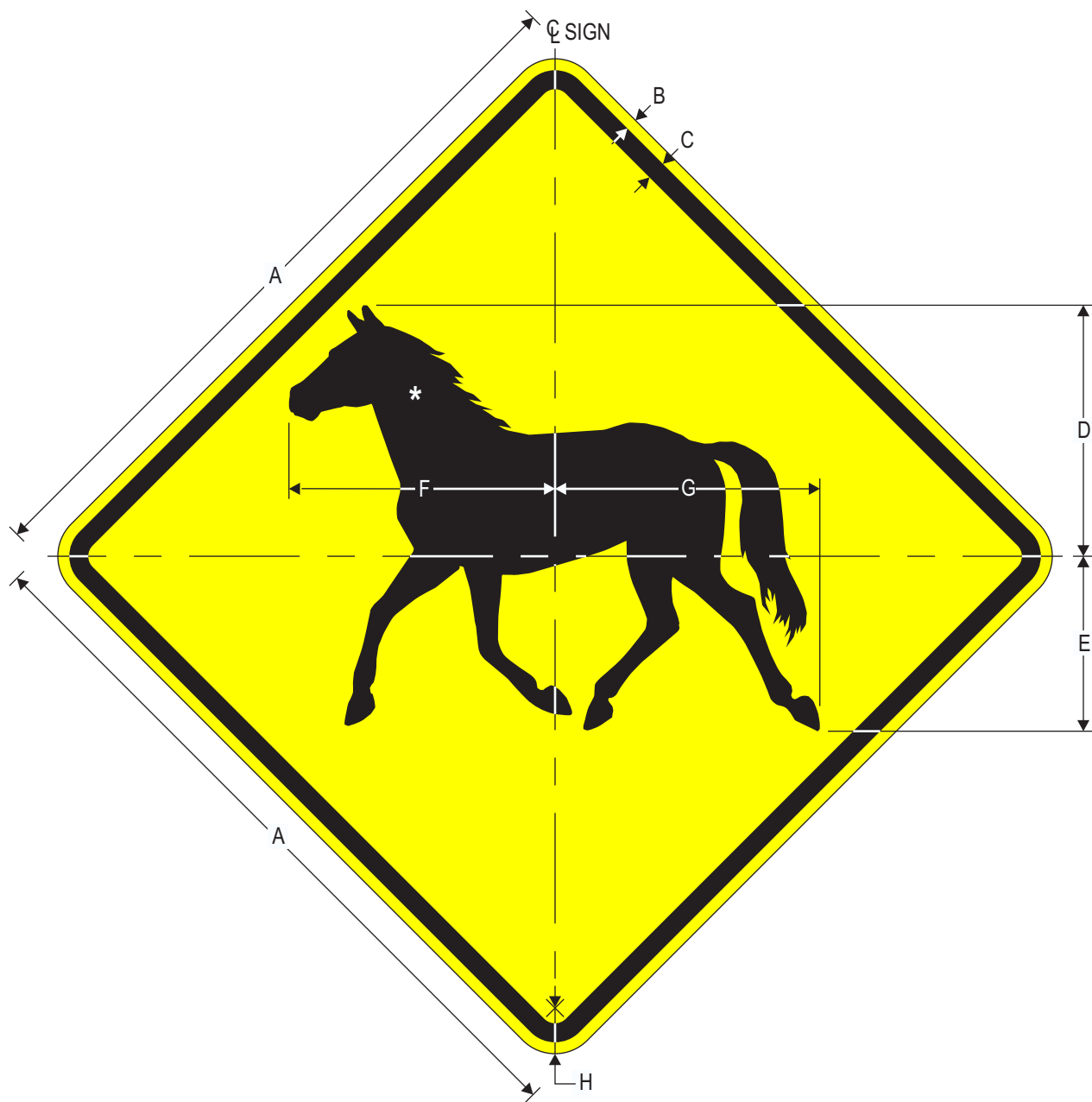
SIGN	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
LOCAL	24	.375	.625	4 C	3	1.5
MIN.	30	.5	.75	5 C	3.75	1.875
STD.	36	.625	.875	6 C	4.5	2.25
SPECIAL	48	.75	1.25	8 C	6	3

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - YELLOW (REFL.)

CENTRALLY LOCATE ALL LEGENDS

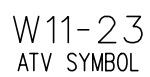


W11-22
LARGE ANIMAL - WILD HORSE

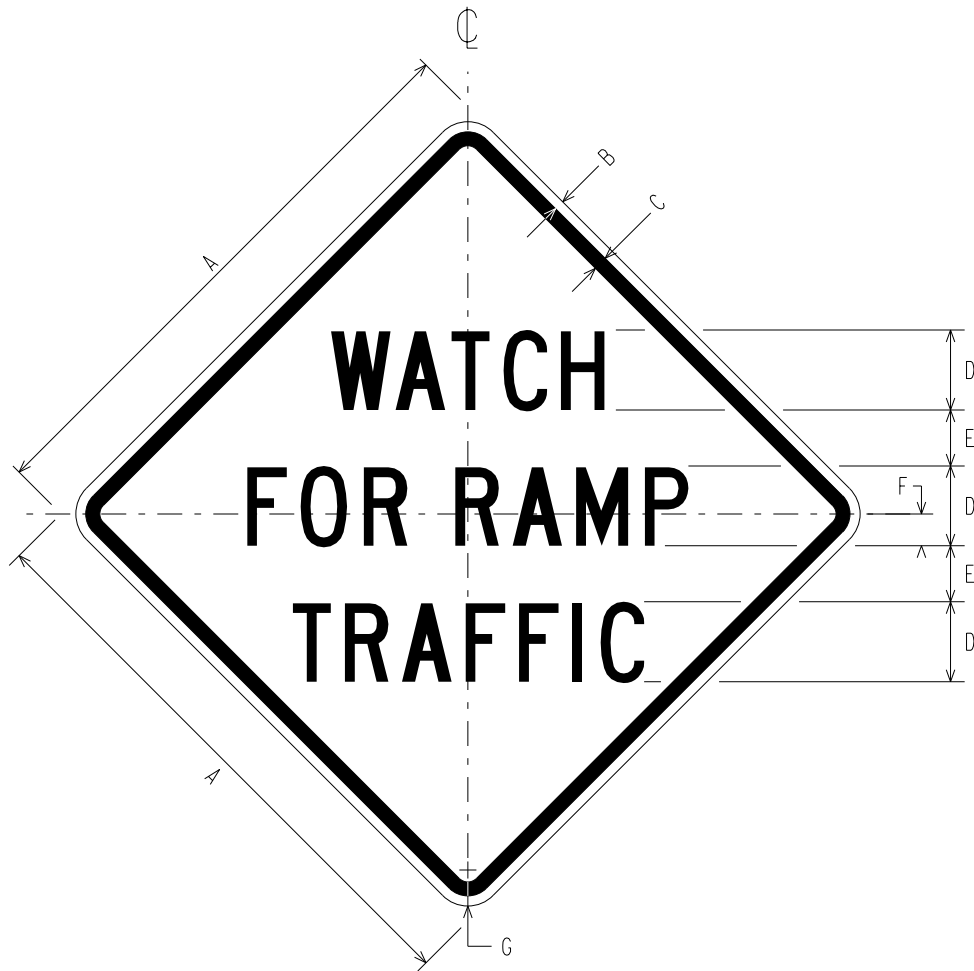
* See page X-XX for symbol design.

A	B	C	D	E	F	G	H
24	0.375	0.625	8.25	5.75	8.75	8.706	1.5
30	0.5	0.75	10.25	7.25	11	10.819	1.875
36	0.625	0.875	11.25	9.75	14	12.183	2.25
48	0.75	1.25	14.5	13.5	19	15.911	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



SYMBOL AND BORDER - BLACK (NON-REFL.)
BACKGROUND - YELLOW (REFL.)
SEE APPENDIX PAGE 6-60 FOR SYMBOL DETAILS



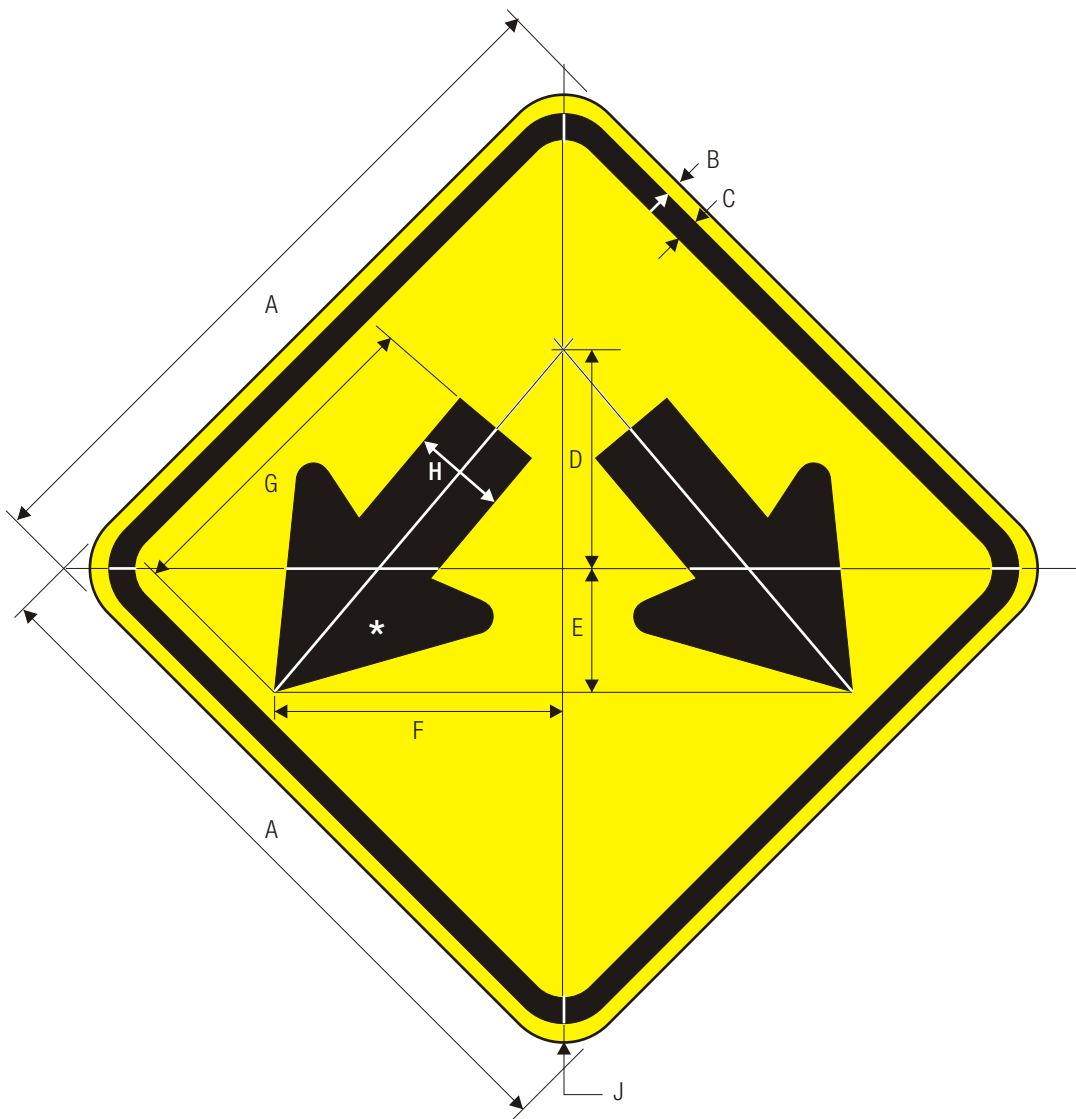
W11-24
WATCH FOR RAMP TRAFFIC

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
STD.	36	.625	.875	5 C	3.5	2	2.25
FWY.	48	.75	1.25	7 C	4	2	3

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
(CONSTRUCTION SIGNS)

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - YELLOW (REFL.)
(PERMANENT SIGNS)
CENTRALLY LOCATE ALL LEGENDS



W12-1
DOUBLE ARROW

*See page 6-2 for symbol design.

	A	B	C	D	E	F	G	H	J
	24	.375	.625	8	4.125	9.75	11.625	3.125	1.5
C	30	.5	.75	10	5.25	12.375	14.688	4	1.875
	36	.625	.875	12	6.125	14.625	17.5	4.75	2.25
	48	.75	1.25	16	8.25	19.5	23.25	6.25	3

WARNING SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W12-2
LOW CLEARANCE

A	B	C	D	E	F	G	H	J	K	L	M	N
18	.375	.625	3.438	4	2.125	.5	1.5	1	1.5	.938	.625	.25
30	.5	.75	5.75	6.625	3.75	.75	2.5	1.688	1.875	1.563	1	.438
36	.625	.875	6.875	8	4.25	1	3	2	2.25	1.875	1.25	.5
48	.75	1.25	9.188	10.625	5.875	1.313	4	2.625	3	2.438	1.625	.625

P	Q	R	S
1.375	2	3	6 D
2.25	3.313	5	10 D
2.75	4	6	12 D
3.625	5.58	8	16 D

*See page 6-3 for symbol design.
**Optically space numerals about center line.

WARNING SIGN COLORS:

SYMBOL & LEGEND—BLACK
BACKGROUND —YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

SYMBOL & LEGEND—BLACK
BACKGROUND —ORANGE (RETROREFLECTIVE)



W12-2aP
LOW CLEARANCE

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
STD.	24	18	.375	.625	4	5 D	3 D	2	1.5
SPECIAL	36	24	.5	.75	4.75	7 D	5 D	2.5	1.625
FREEWAY	48	30	.625	.875	5.5	9 D	6 D	4	1.625

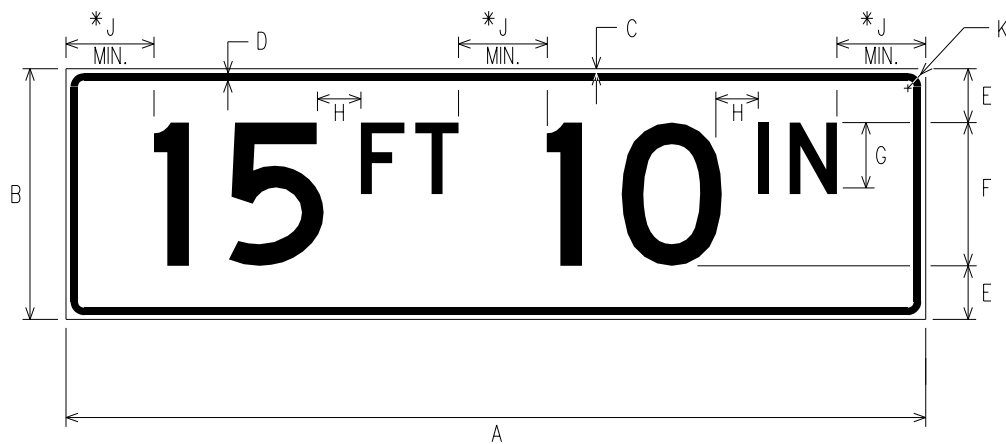
NOTE: REDUCE SPACING BETWEEN LETTERS TO 50% FOR THE
SECOND LINE OF LEGEND FOR ALL SIZES.

COLORS

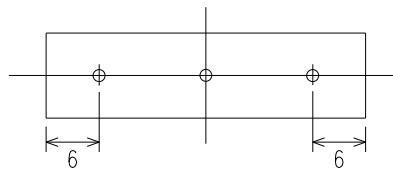
LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - YELLOW (REFL.)

CENTRALLY LOCATE ALL LEGENDS



SUPPORT HOLE PLACEMENT

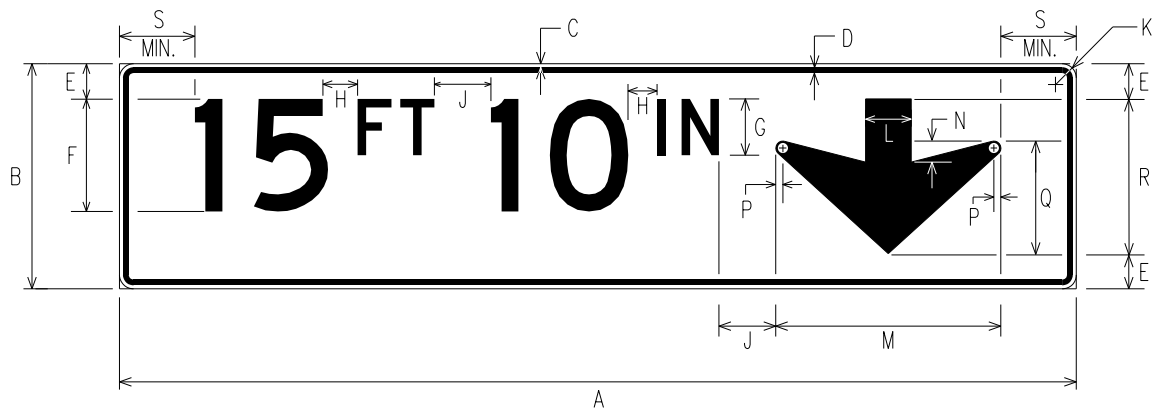


W12-3 VERTICAL UNDERCLEARANCE

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
STD.	72	21	.375	.625	4.5	12 D	6 D	3	6	1.5
FWY.	96	24	.375	.625	4	16 D	8 D	4	8	1.5

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - YELLOW (REFL.)
 INCREASE SPACING BETWEEN LETTERS TO 120%
 * DIVIDE EXCESS LENGTH EQUALLY



W12-3a
VERTICAL UNDERCLEARANCE WITH ARROW

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
STD.	102	24	.375	.625	3.75	12 D	6 D	3	6
FWY.	144	30	.375	.625	4	16 D	8 D	4	8
	K	L	M	N	P	Q	R	S	
STD.	1.5	4.87	24	2.25	.75	12	16.5	8	
FWY.	1.5	6.5	32	3	1	16	22	14.67	

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - YELLOW (REFL.)

INCREASE SPACING BETWEEN LETTERS TO 120%

SIGN DIMENSIONS SHALL BE MIRRORED IF ARROW IS TO BE ON THE LEFT



W13-1P

ADVISORY SPEED (ENGLISH)

*Series 2000 Standard Alphabets.

**Optically space numerals about vertical centerline.

C	A	B	C	D	E	F	G	H	J
	18	.375	.625	2.5	8 E	2	3 E	4.723	1.5
	24	.375	.625	3.625	10 E	2.75	4 E	6.284	1.5
	30	.5	.75	4.5	12 E	4	5 E	7.416	1.875

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W13-2

ADVISORY SPEED (ENGLISH)

*Optically space numerals about centerline.
 **Increase spacing to 100%.

C	A	B	C	D	E	F	G	H	J	K	L	M
	24	30	.375	.625	3.5	4 E	2.5	2.875	8 E	3 E	3	6.125
	36	48	.625	.875	6	6 E	4	5.125	12 E	4 E	6	9.25
	48	60	.75	1.25	7	8 E	5	5.75	16 E	6 E	6	12.25

N	P	Q
6.375	5.313	1.5
9.5	7.063	2.25
12.75	10.625	3

WARNING SIGN COLORS:			TTC SIGN COLORS:		
LEGEND	— BLACK		LEGEND	— BLACK	
BACKGROUND	— YELLOW (RETROREFLECTIVE)		BACKGROUND	— ORANGE (RETROREFLECTIVE)	



W13-3

ADVISORY RAMP SPEED

*Optically space numerals about centerline.
 **Increase spacing 100%.

C	A	B	C	D	E	F	G	H	J	K	L	M
	24	30	.375	.625	3.5	4 E	2.5	2.875	8 E	3 E	3	8.25
	36	48	.625	.875	6	6 E	4	5.125	12 E	4 E	6	12.375
	48	60	.75	1.25	7	8 E	5	5.75	16 E	6 E	6	16.5

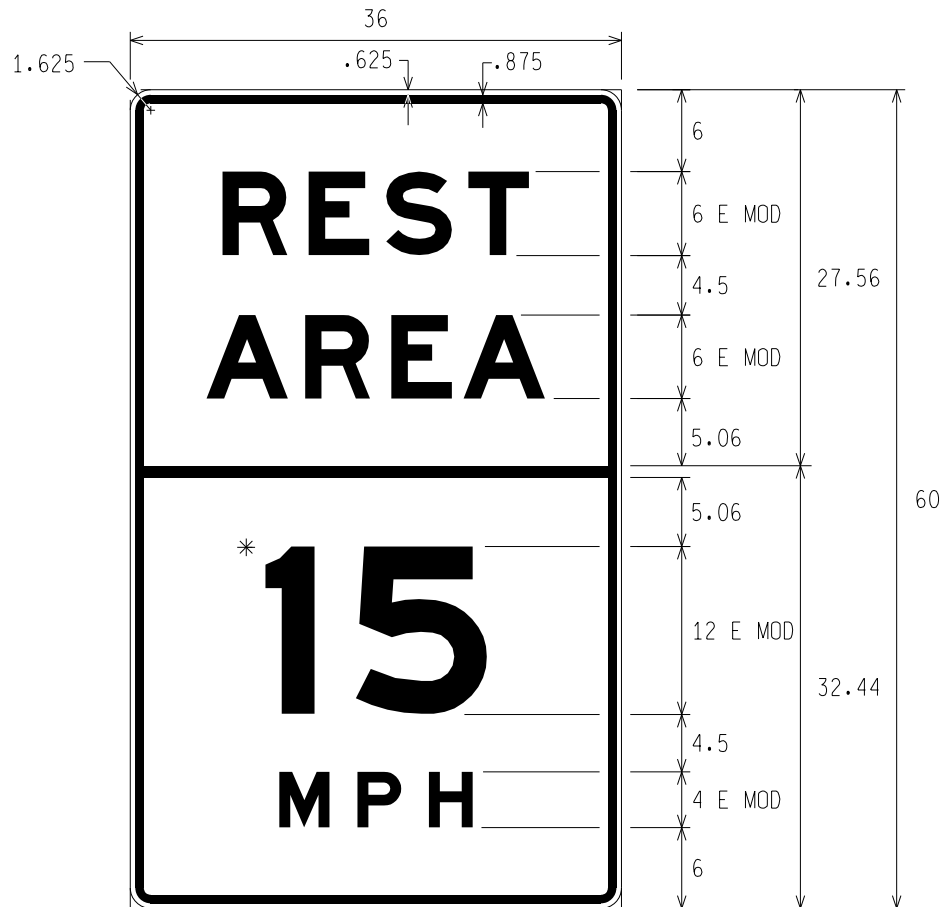
N	P	Q
8.5	5.313	1.5
12.75	7.063	2.25
17	10.625	3

WARNING SIGN COLORS:

LEGEND — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
 BACKGROUND — ORANGE (RETROREFLECTIVE)



W13-3c
REST AREA ADVISORY SPEED

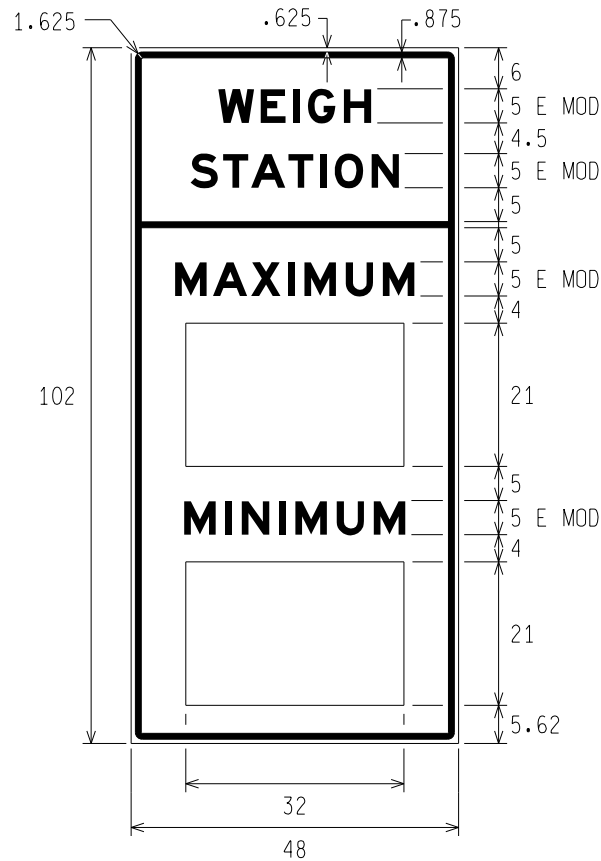
COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - YELLOW (REFL.)

CENTRALLY LOCATE ALL LEGENDS

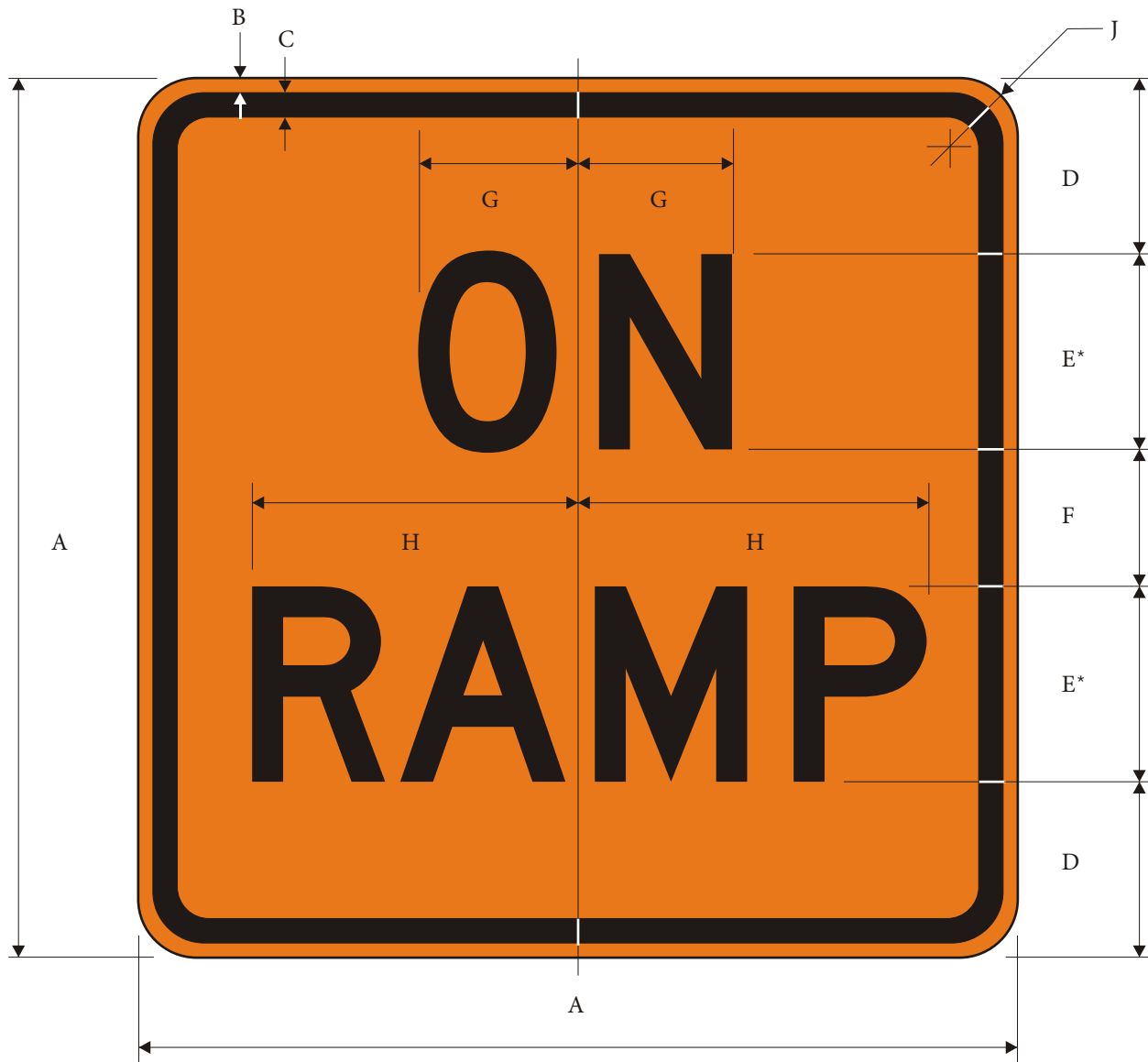
* INCREASE SPACING BETWEEN LETTERS TO 200%



W13-3d
WEIGH STATION MAXIMUM AND MINIMUM SPEED

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - YELLOW (REFL.)
 CENTRALLY LOCATE ALL LEGENDS



W13-4P

ON RAMP

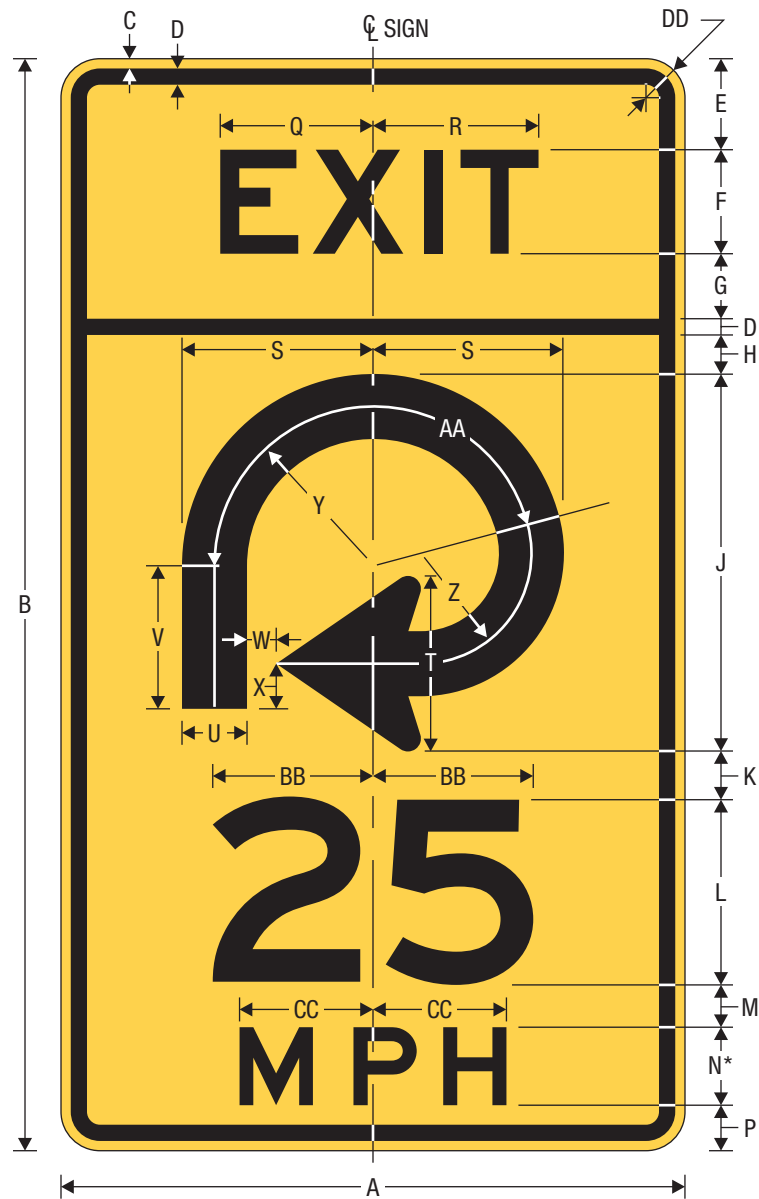
*Series 2000 Standard Alphabets.

A	B	C	D	E	F	G	H	J
24	.375	.625	4.25	6 D	3.5	4.83	10.38	1.5
36	.625	.875	7.25	8 D	5.5	6.42	13.25	2.25

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W13-6

COMBINATION HORIZONTAL ALIGNMENT/ ADVISORY EXIT SPEED

* Increase character spacing 100%.

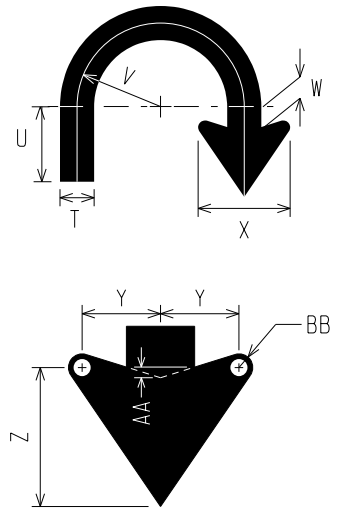
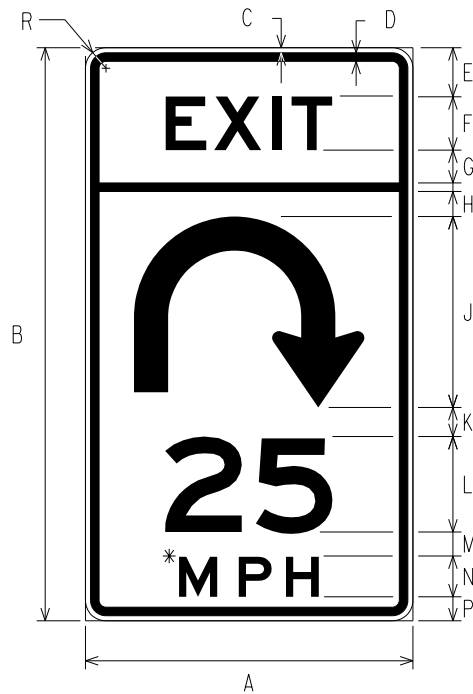
A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	42	0.375	0.625	3.5	4 E	2.5	1.5	14.515	1.875	7 E	1.75	3 E	1.75
36	60	0.625	0.875	3.5	6 E	2.5	2	22.531	2.25	10 E	2.75	4.5 E	3.094
48	84	0.75	1.25	7	8 E	5	3	29.029	3.75	14 E	3.5	6 E	3.5
Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD
5.875	6.367	7.343	6.75	2.5	5.5	1.125	1.735	6.125	4.25	165°	VAR	5.133	1.5
8.682	9.681	11.386	10.5	3.875	8.5	1.75	2.702	9.5	6.625	165°	VAR	7.698	2.25
11.750	12.734	14.686	13.5	5	11	2.25	3.471	12.25	8.5	165°	VAR	10.265	3

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



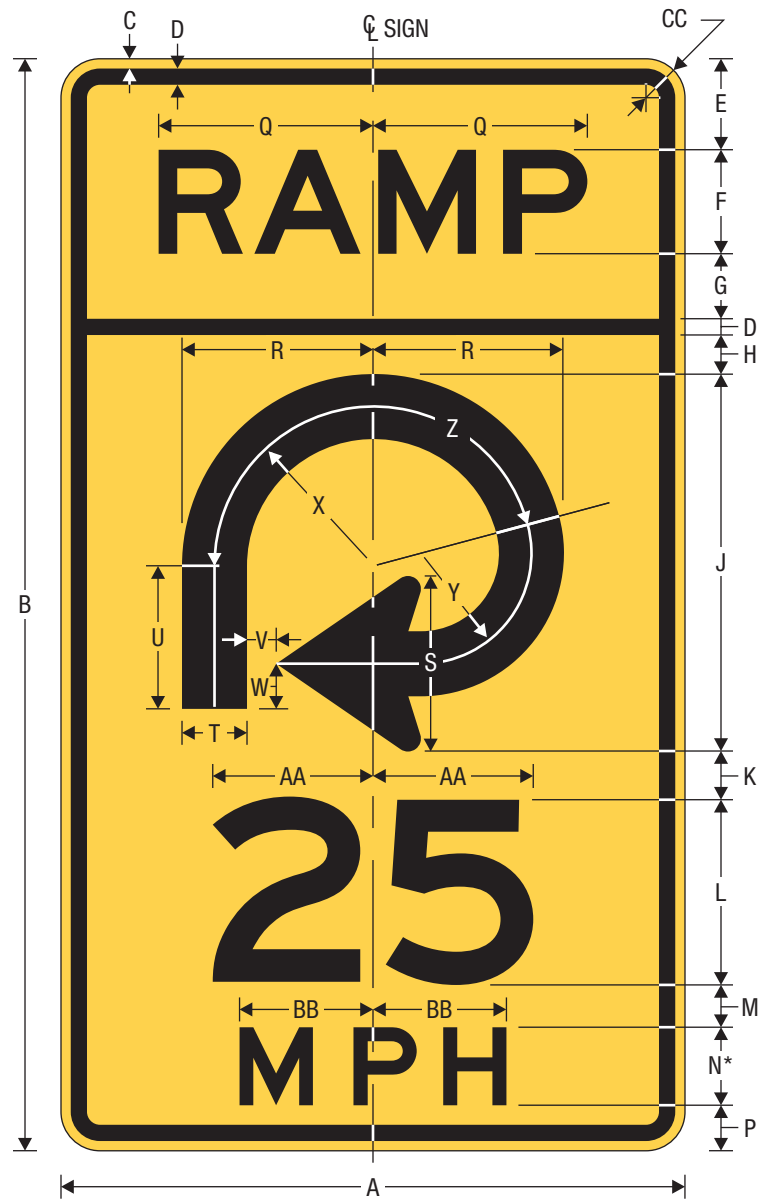
W13-6a
EXIT ADVISORY SPEED 180 DEGREES

DIMENSIONS (INCHES)											
A	B	C	D	E	F	G	H	J	K	L	M
24	42	.375	.625	3.5	4 E	2.5	2	13.5	2.38	7 E	1.75
36	60	.625	.875	3.5	6 E	2.5	2.5	21.32	3.06	10 E	2.75
48	84	.75	1.25	7	8 E	5	3.5	27.97	4.28	14 E	3.5
N	P	R	T	U	V	W	X	Y	Z	AA	BB
3 E	1.75	1.5	2.5	5.5	6.125	1	6.75	2.875	5.125	.375	.5
4.5 E	3	2.25	3.875	8.5	9.5	2	10.5	4.469	7.875	.625	.781
6 E	3.5	3	5	11	12.25	3	13.5	5.75	10.188	.75	1

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
(CONSTRUCTION SIGNS)

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - YELLOW (REFL.)
CENTRALLY LOCATE ALL LEGENDS AND ARROWS
*INCREASE SPACING BETWEEN LETTERS TO 200%



W13-7

COMBINATION HORIZONTAL ALIGNMENT/ ADVISORY RAMP SPEED

* Increase character spacing 100%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	42	0.375	0.625	3.5	4 E	2.5	1.5	14.515	1.875	7 E	1.75	3 E	1.75
36	60	0.625	0.875	3.5	6 E	2.5	2	22.531	2.25	10 E	2.75	4.5 E	3.094
48	84	0.75	1.25	7	8 E	5	3	29.029	3.75	14 E	3.5	6 E	3.5

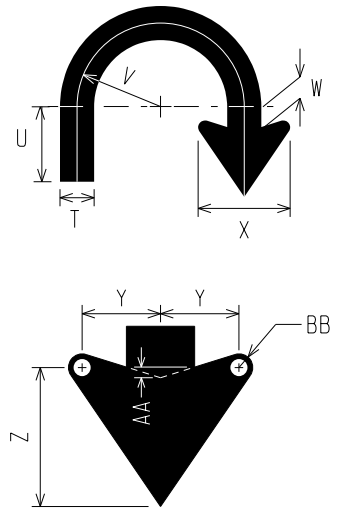
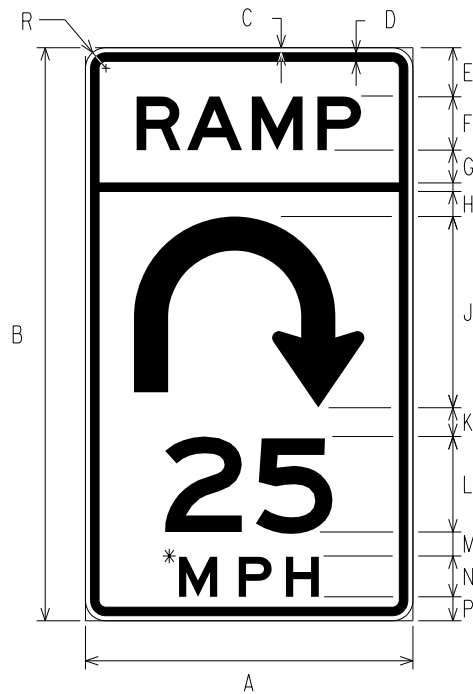
Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC
8.245	7.343	6.75	2.5	5.5	1.125	1.735	6.125	4.25	165°	VAR	5.133	1.5
12.367	11.386	10.5	3.875	8.5	1.75	2.702	9.5	6.625	165°	VAR	7.698	2.25
16.489	14.686	13.5	5	11	2.25	3.471	12.25	8.5	165°	VAR	10.265	3

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



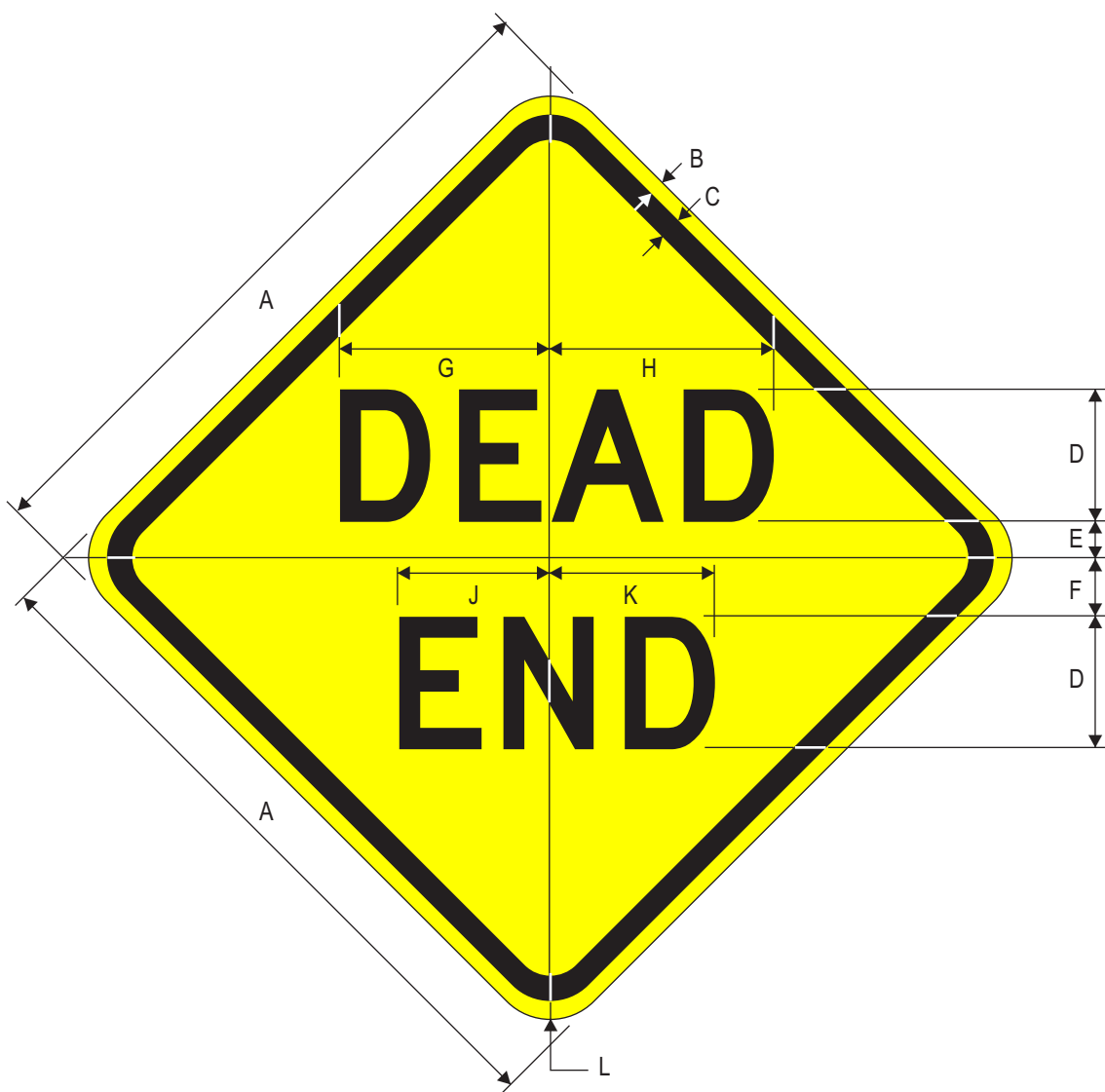
W13-7a
RAMP ADVISORY SPEED 180 DEGREES

DIMENSIONS (INCHES)											
A	B	C	D	E	F	G	H	J	K	L	M
24	42	.375	.625	3.5	4 E	2.5	2	13.5	2.38	7 E	1.75
36	60	.625	.875	3.5	6 E	2.5	2.5	21.32	3.06	10 E	2.75
48	84	.75	1.25	7	8 E	5	3.5	27.97	4.28	14 E	3.5
N	P	R	T	U	V	W	X	Y	Z	AA	BB
3 E	1.75	1.5	2.5	5.5	6.125	1	6.75	2.875	5.125	.375	.5
4.5 E	3	2.25	3.875	8.5	9.5	2	10.5	4.469	7.875	.625	.781
6 E	3.5	3	5	11	12.25	3	13.5	5.75	10.188	.75	1

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
(CONSTRUCTION SIGNS)

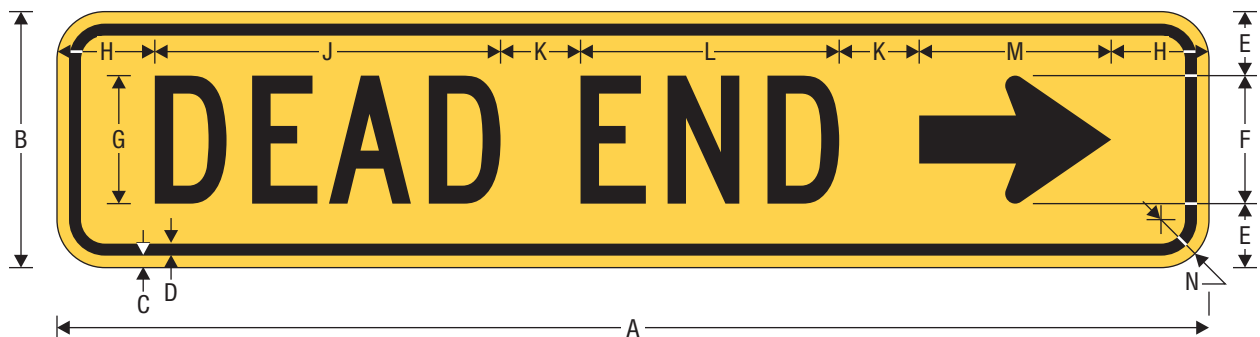
LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - YELLOW (REFL.)
CENTRALLY LOCATE ALL LEGENDS AND ARROWS
*INCREASE SPACING BETWEEN LETTERS TO 200%



W14-1
DEAD END

A	B	C	D	E	F	G	H	J	K	L
24	.375	.625	5 D	1	2	8.25	8.563	5.625	6.25	1.5
30	.5	.75	6 D	1.5	2.5	9.75	10.25	6.75	7.5	1.875
36	.625	.875	7 D	2	3	11.375	11.938	7.875	8.75	2.25
48	.75	1.25	10 D	2	4	16.5	17.126	11.25	12.5	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W14-1aR
DEAD END (DIRECTIONAL)



W14-1aL
DEAD END (DIRECTIONAL)

A	B	C	D	E	F	G	H	J	K	L	M	N
24	6	0.375	0.375	1.5	3	3 B	2.033	6.573	2	4.862	4.5	1.5
36	8	0.375	0.375	2	4	4 C	3.057	10.804	2.5	8.083	6	1.5

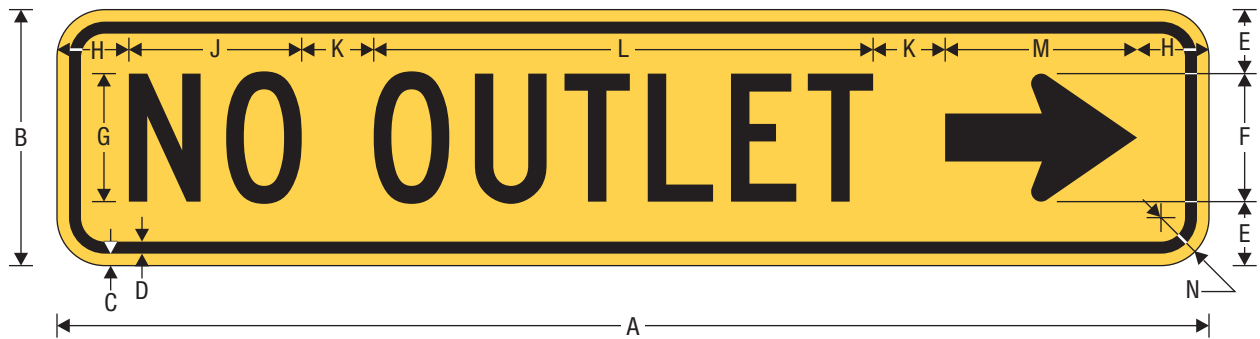
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



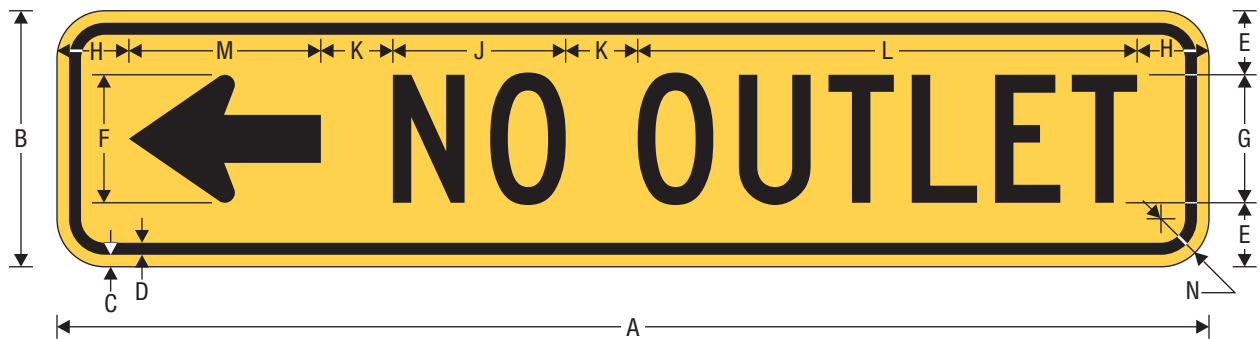
W14-2
NO OUTLET

A	B	C	D	E	F	G	H	J	K	L
24	.375	.625	5 D	3	.75	4.125	4.5	11.625	12.063	1.5
30	.5	.75	6 D	4	.938	5	5.375	13.938	14.5	1.875
36	.625	.875	7 D	5	1.125	5.875	6.25	16.25	16.938	2.25
48	.75	1.25	10 D	6	1.5	8.25	9	23.25	24.126	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



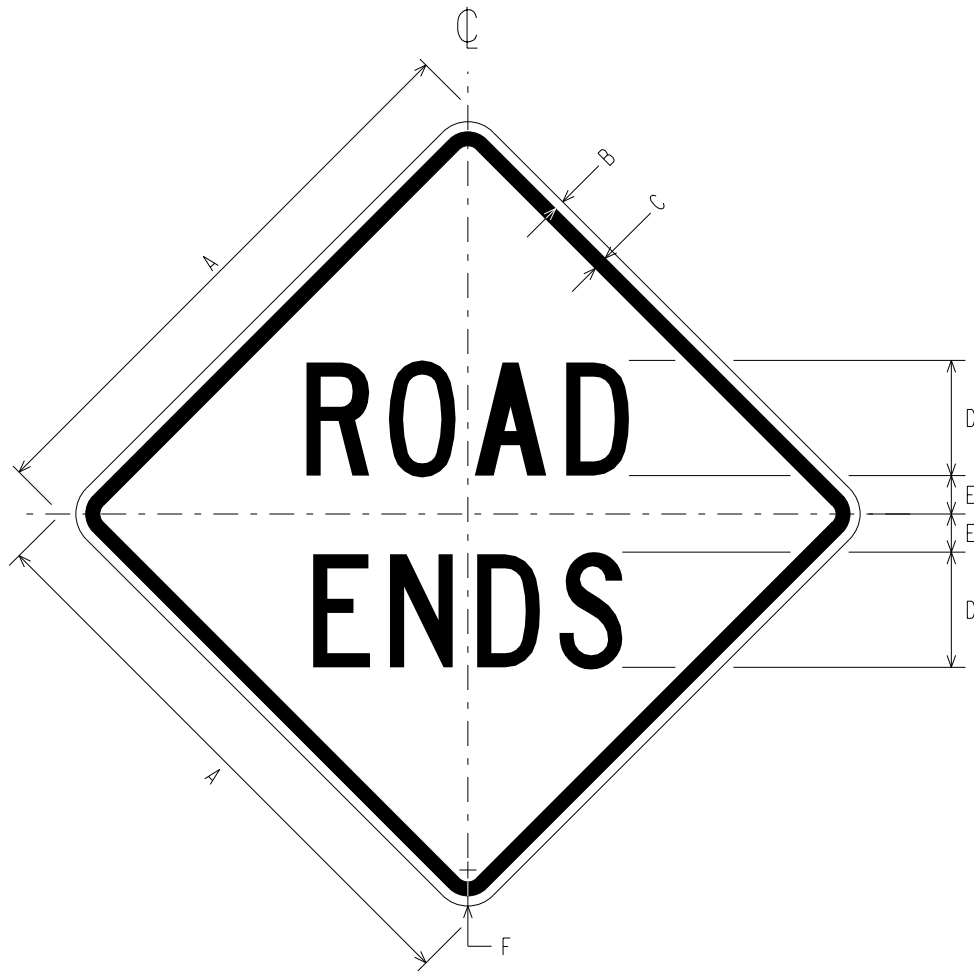
W14-2aR
NO OUTLET (DIRECTIONAL)



W14-2aL
NO OUTLET (DIRECTIONAL)

A	B	C	D	E	F	G	H	J	K	L	M	N
24	6	0.375	0.375	1.5	3	3 B	1.852	3.242	1.625	9.305	4.5	1.5
36	8	0.375	0.375	2	4	4 C	2.246	5.402	2.25	15.606	6	1.5

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W14-2b
ROAD ENDS

SIGN	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
LOCAL	30	.5	.75	6 C	2	1.875
STD.	36	.625	.875	8 C	2.25	2.25
SPECIAL	48	.75	1.25	10 C	2.5	3

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - YELLOW (REFL.)



W14-3

NO PASSING ZONE

*Reduce spacing 20% for 48" size.
 **Reduce spacing 35% for 48" size.
 ***Use Series 2000 Alphabets for 36" size.

A	B	C	D	E	F	G	H	J	K	L	M	N
36	24	.5	.75	5.75	3 D	3 C	1.75	2.375	1.875	4	15.75	8.313
40	30	.5	.75	7.25	4 D	4 C	1.75	2.5	1.875	6.5	22.563	11.063
48	36	.625	.875	8.5	5 D	5 C	2	3	2.25	8	268.13	12.75
64	48	.75	1.25	12	6 D	6 C	3	4	3	10.75	33.688	16.563

WARNING SIGN COLORS:

LEGEND — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
 BACKGROUND — ORANGE (RETROREFLECTIVE)

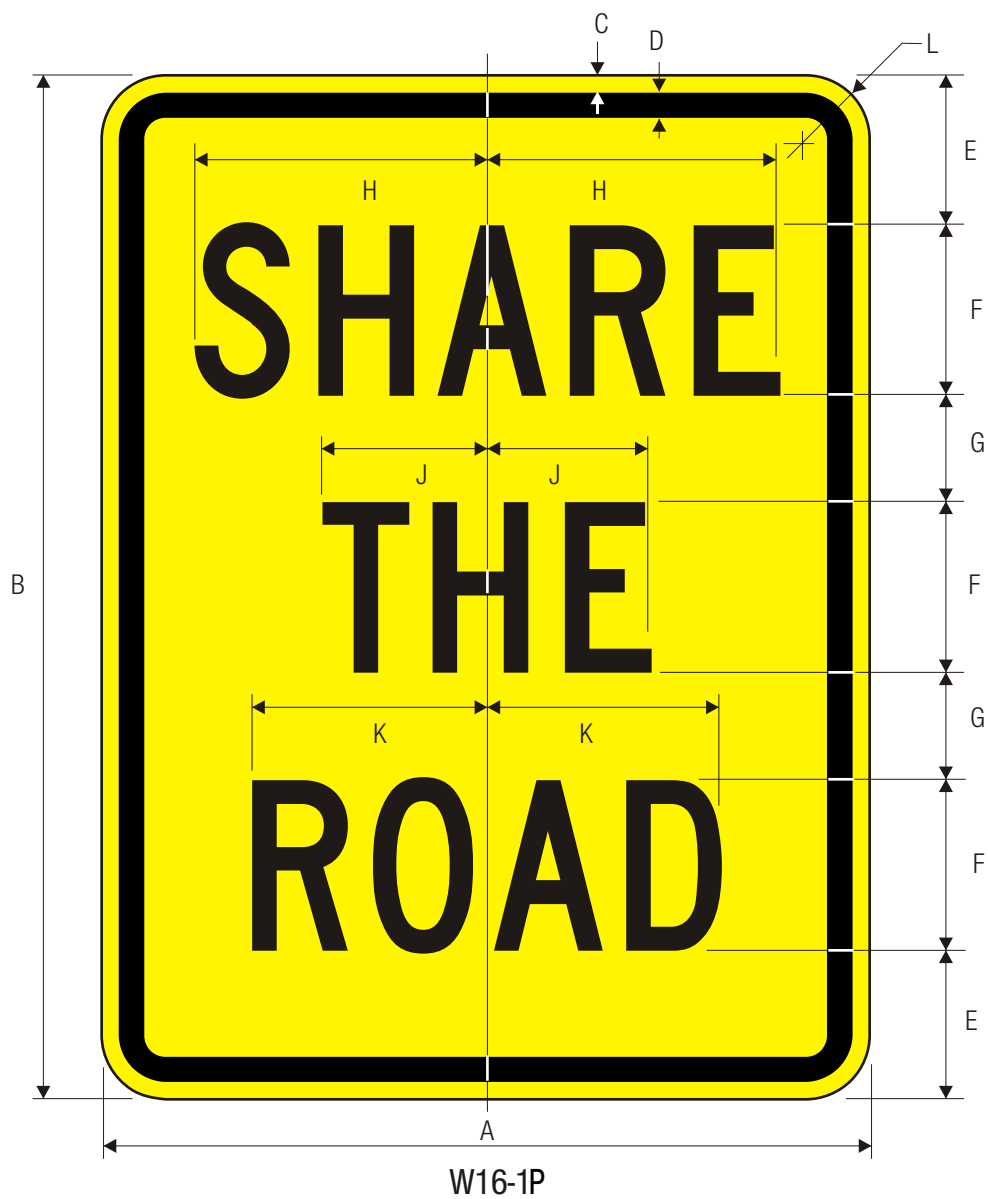


W15-1
PLAYGROUND

*See page 6-34 for symbol design.
**Option.

	A	B	C	D	E	F	G
	18	.375	.625	3.5	1.5	9.312	1.5
	24	.375	.625	4.6	2	12.4	1.5
C	30	.5	.75	5.75	2.5	15.5	1.875
	36	.625	.875	7	3	18.625	2.25

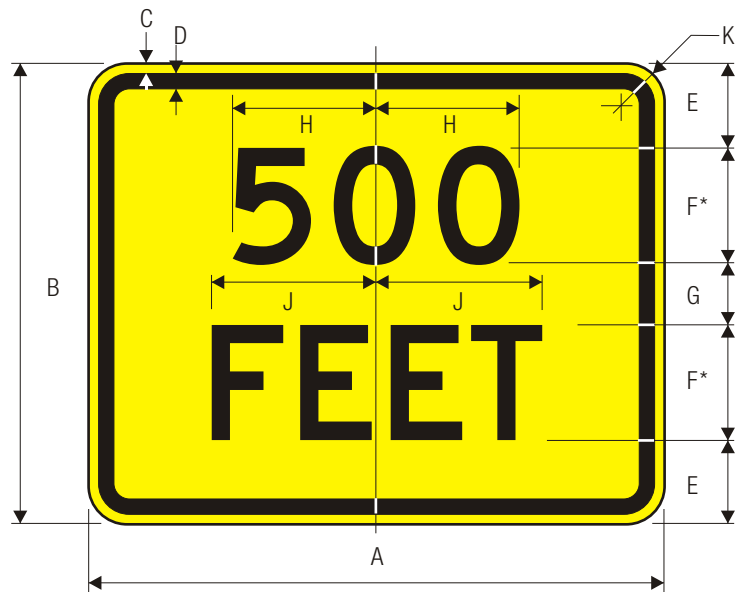
COLORS: SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)
— FLOURESCENT YELLOW GREEN (RETROREFLECTIVE)



Note: For use with Warning Signs for slower forms of transportation such as the Bicycle, Golf Cart, Farm Machinery, Horse Drawn Vehicle and ATV Warning Signs.

C	A	B	C	D	E	F	G	H	J	K	L
	18	24	.375	.625	3.5	4 C	2.5	6.865	3.862	5.505	1.5
	24	30	.375	.625	4.25	5 C	3.25	8.586	4.823	6.885	1.5

COLORS: LEGEND BLACK
 BACKGROUND YELLOW (RETROREFLECTIVE)



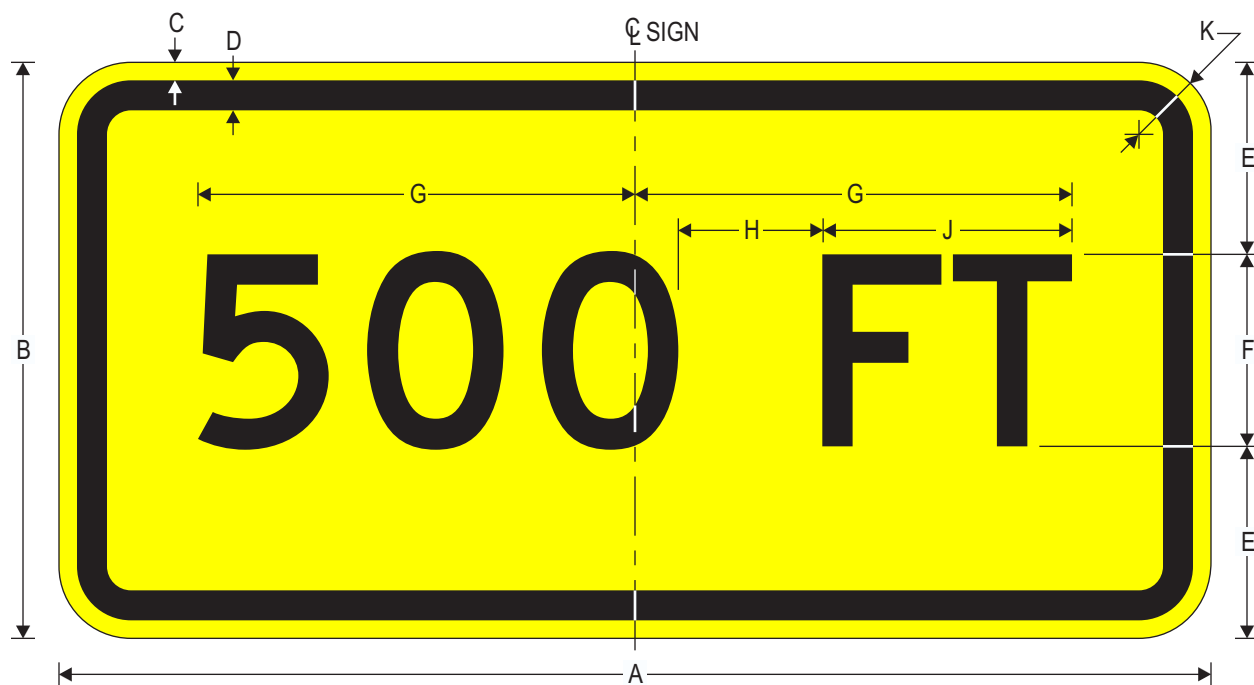
W16-2P

500 FEET (2 LINE)

A	B	C	D	E	F	G	H	J	K
18	12	.375	.625	2	3 D	2	VAR	4.303	1.5
24	18	.375	.625	3	5 D	2	VAR	7.185	1.5
30	24	.375	.625	4.375	6 D	3.25	VAR	8.606	1.875

WARNING SIGN COLORS:
 LEGEND — BLACK
 BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:
 LEGEND — BLACK
 BACKGROUND— ORANGE (RETROREFLECTIVE)



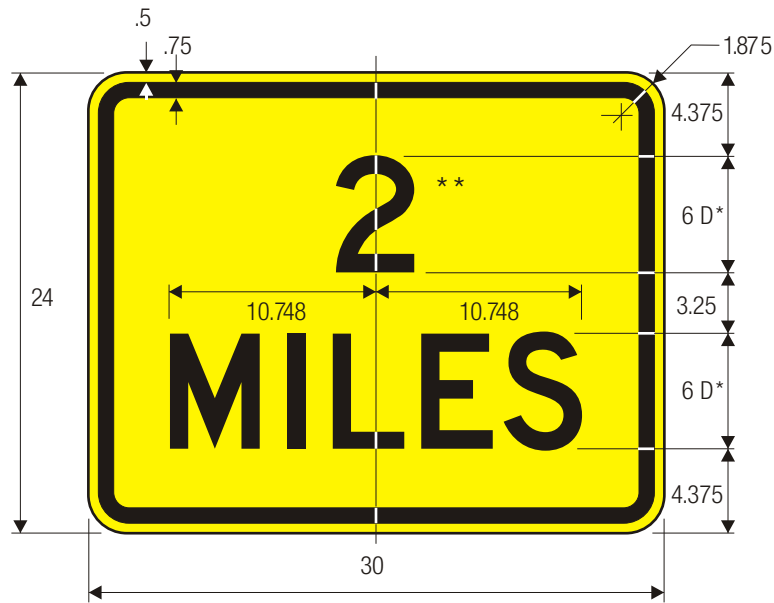
W16-2aP

DISTANCE - FEET - (1-LINE PLAQUE)

A	B	C	D	E	F	G	H	J	K
12	9	0.375	0.375	3	3 D	VAR	2	3.902	1.5
24	12	0.375	0.625	4	4 D	VAR	3	5.202	1.5
30	18	0.375	0.625	6	6 C	VAR	4	6.483	1.5
42	24	0.5	0.75	8	8 C	VAR	6	8.907	1.875

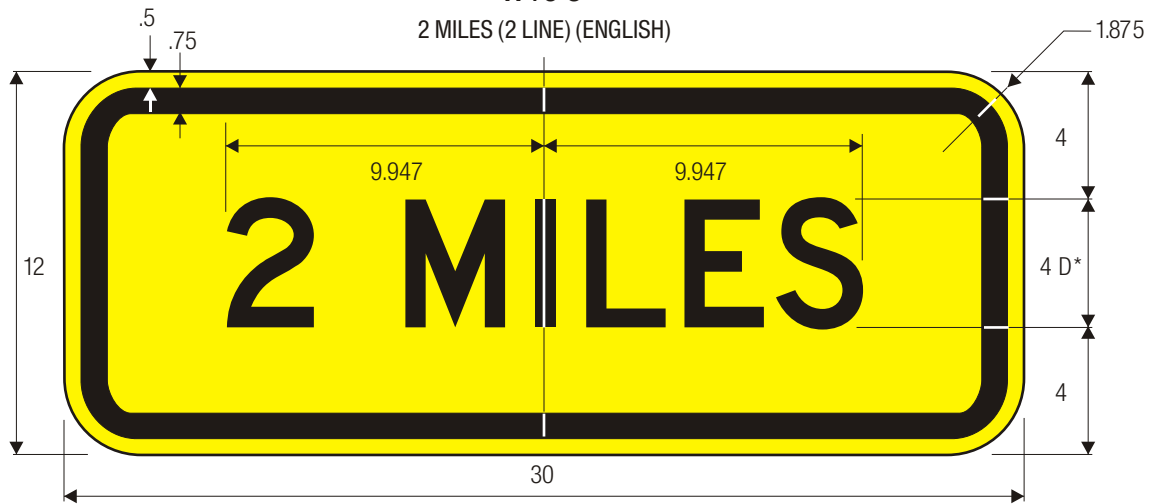
COLORS: LEGEND, BORDER — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)

MI



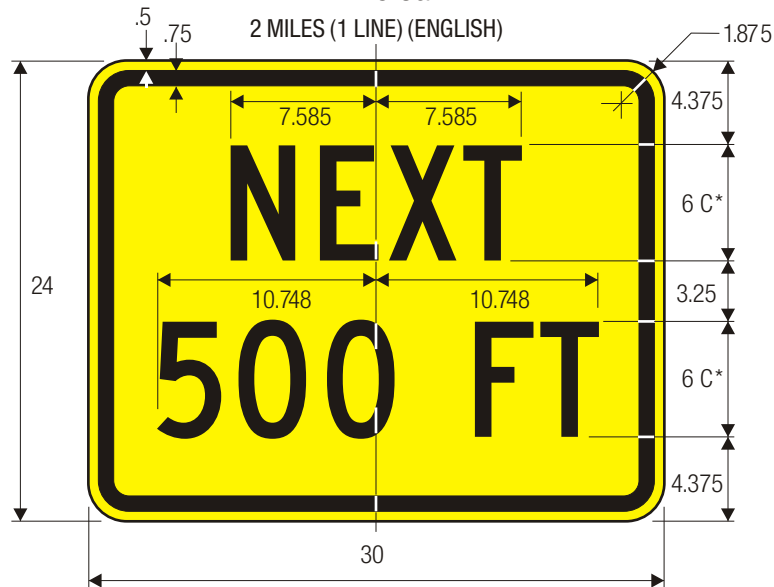
W16-3P

2 MILES (2 LINE) (ENGLISH)



W16-3aP

2 MILES (1 LINE) (ENGLISH)



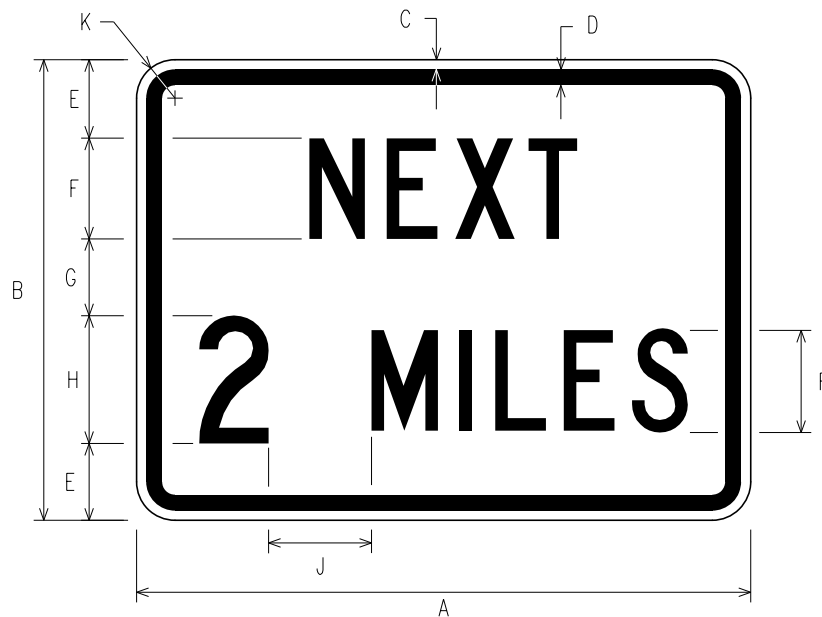
W16-4P

500 FT (2 LINE) (ENGLISH)

*Series 2000 Standard Alphabets.

**Optically locate numerals about centerline.

COLORS: LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)

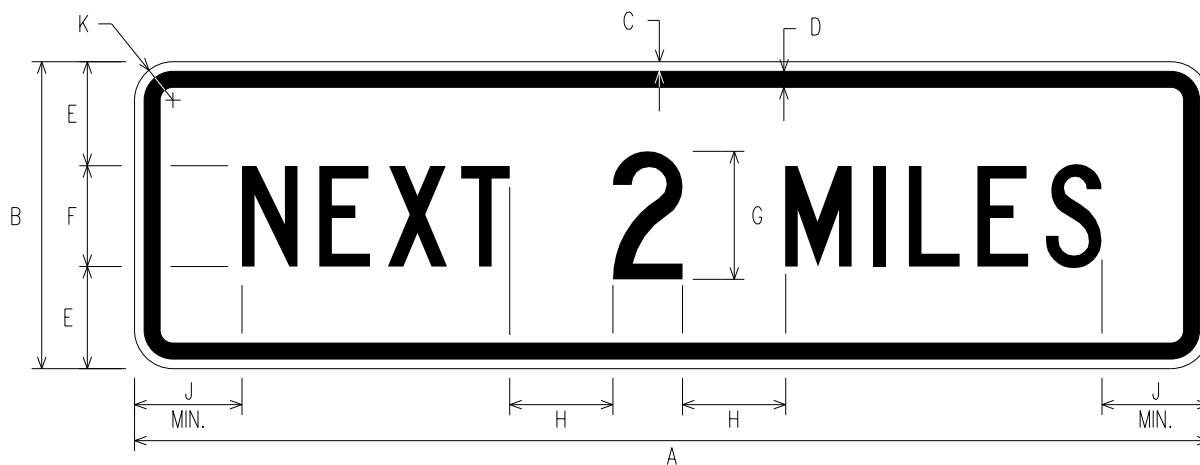


W16-4aP
NEXT X MILES (TWO LINES)

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
LOCAL	18	12	.375	.438	2	3 C	1	4 C	3	1.5
MIN.	24	18	.375	.625	3	4 C	3	5 C	4	1.5
STD.	30	24	.375	.625	4.5	5 C	4	6 C	5	1.5
SPECIAL	36	30	0.5	0.75	5.5	6 C	5	8 C	6	1.875

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - YELLOW (REFL.)

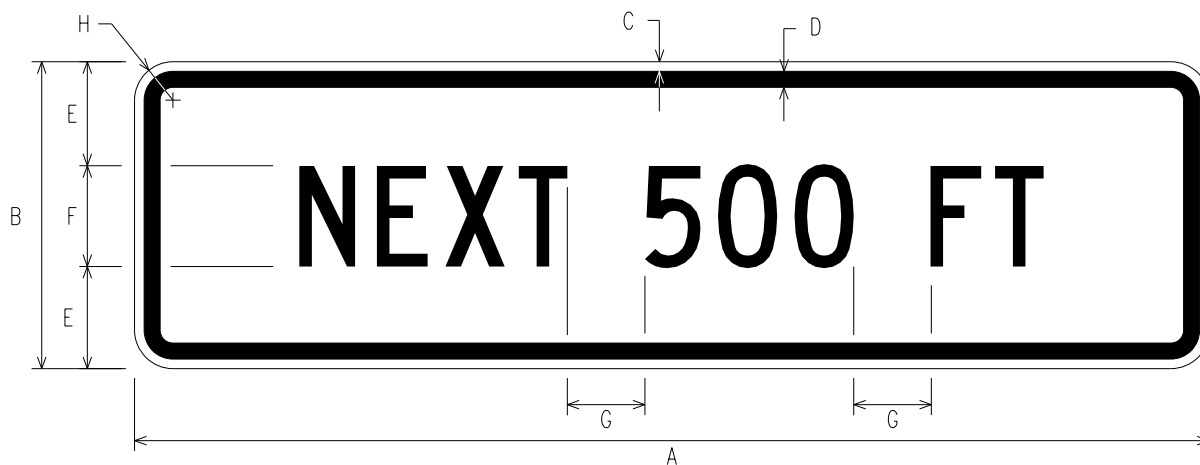


W16-4bP
NEXT X MILES (ONE LINE)

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
LOCAL	VAR.	9	.375	.438	3	3 C	4 C	3	3	1.5
MIN.	VAR.	12	.375	.625	4	4 C	5 C	4	4	1.5
STD.	VAR.	15	.375	.625	5	5 C	6 C	4.5	5	1.5
SPECIAL	VAR.	18	.75	1.25	5	8 C	10 C	8	8	3

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - YELLOW (REFL.)

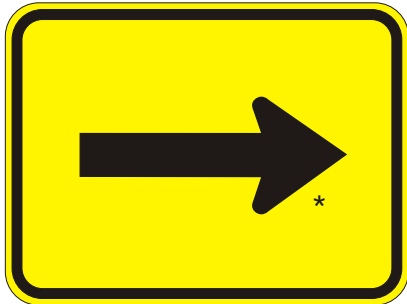


W16-4cP
NEXT XXX FT (ONE LINE)

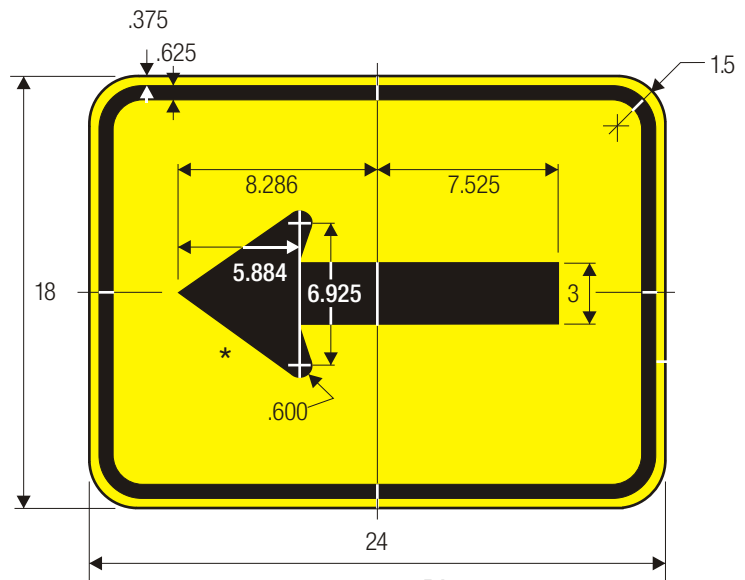
SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
LOCAL	30	9	.375	.438	3	3 C	3	1.5
MIN.	42	12	.375	.625	4	4 C	3	1.5
STD.	48	15	.375	.625	5	5 C	4	1.5
SPECIAL	78	18	.75	1.25	5	8 C	6	3

COLORS

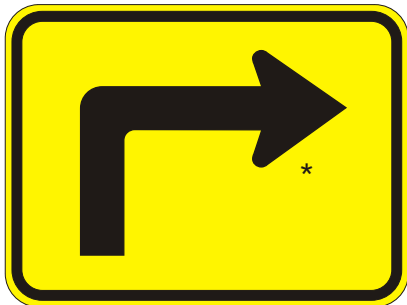
LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - YELLOW (REFL.)



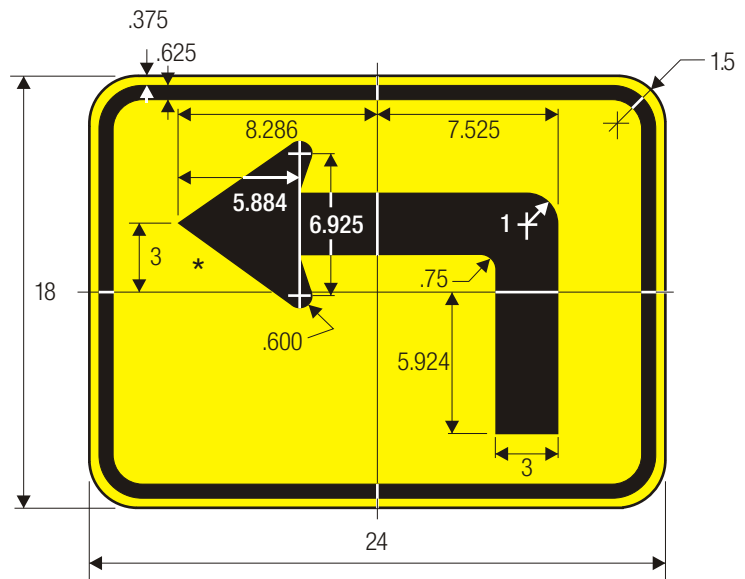
W16-5PR
ARROW PLAQUE



W16-5PL
ARROW PLAQUE



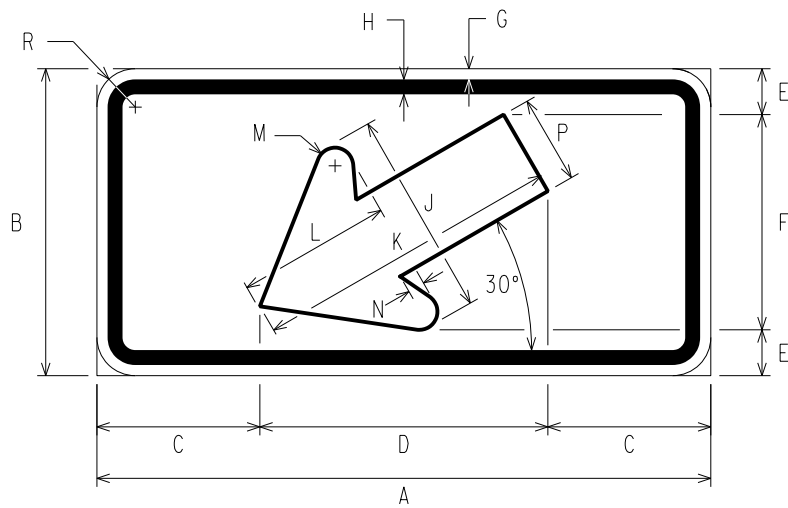
W16-6PR
ARROW PLAQUE



W16-6PL
ARROW PLAQUE

*See page 6-2 for arrow design.

COLORS: SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W16-7P(L)
ANGLED-DOWN ARROW



W16-7P(R)
ANGLED-DOWN ARROW

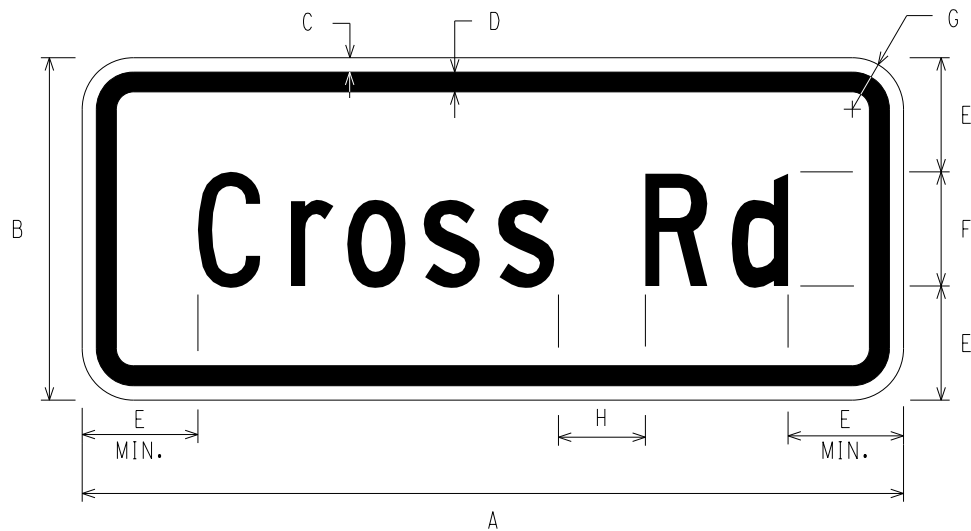
SIGN	DIMENSIONS (INCHES)														
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R
MIN.	30	15	8	14	2.33	10.34	.5	.75	10.19	15	7.37	.76	.7	3.75	1.5
STD.	36	18	9.5	17	2.75	12.5	.625	.875	12	18	9	1.06	1	5.18	1.5

COLORS

SYMBOL AND BORDER - BLACK (NON-REFL.)
BACKGROUND - YELLOW (REFL.)

SYMBOL AND BORDER - BLACK (NON-REFL.)
BACKGROUND - YELLOW-GREEN (REFL.)
(SCHOOL SIGN)

CENTRALLY LOCATE ALL LEGENDS AND ARROWS



22nd Rd

WHEN ROAD NAME USES A COMBINATION OF NUMBERS AND LETTERS
(i.e. 22ND AVE) USE J AS THE SPACE BETWEEN THE NUMBERS AND THE LETTERS.

W16-8P
ROAD NAME PLAQUE

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
MIN. (30" PARENT SIGN)	VAR.	12	.5	.75	4	4 C	1.875	3	1.5
STD. (36" PARENT SIGN)	VAR.	15	.625	.875	5	5 C	2.25	4	1.75
SPECIAL (48" PARENT SIGN)	VAR.	18	.75	1.25	6	6 C	3	5	2

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - YELLOW (REFL.)
CENTRALLY LOCATE ALL LEGENDS



22nd St

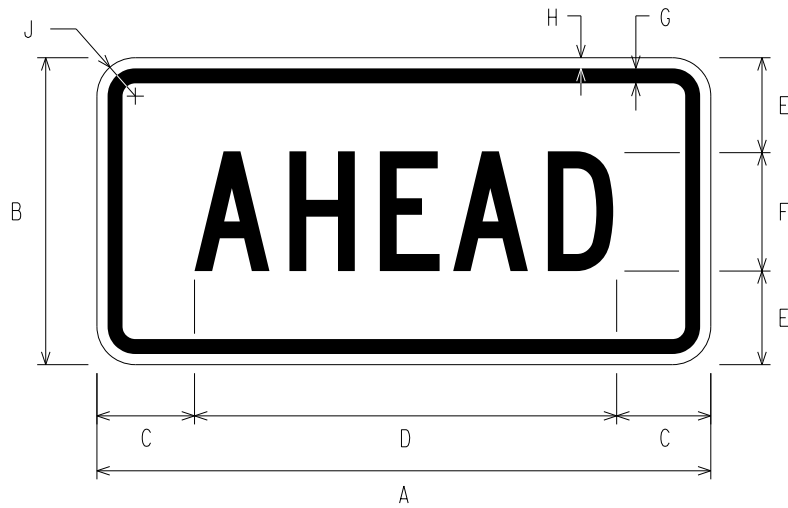
WHEN ROAD NAME USES A COMBINATION OF NUMBERS AND LETTERS
(i.e. 22ND AVE) USE J AS THE SPACE BETWEEN THE NUMBERS AND THE LETTERS.

W16-8aP
DOUBLE ROAD NAME PLAQUE

SIGN	DIMENSIONS (INCHES)												ARROW SIZE
	A	B	C	D	E	F	G	H	J	K	L	M	
MIN.	VAR.	18	.5	.75	2.88	4 C	3	4	1.75	4.25	1.875	1.5	4A
STD.	VAR.	24	.625	.875	4.06	5 C	4	5	2.5	5.875	2.25	1.75	5A

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - YELLOW (REFL.)



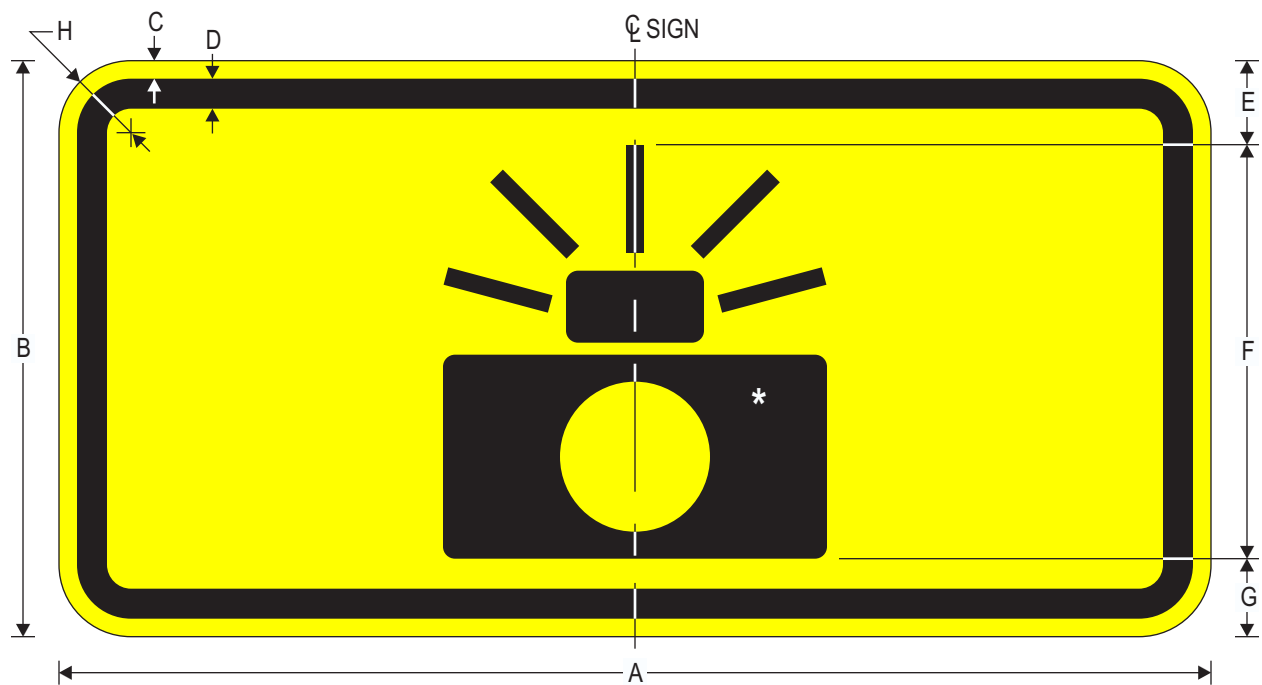
W16-9P
AHEAD PLAQUE

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
MIN.	30	15	4.5	21	4.5	6 C	.75	.5	1.875
STD.	36	18	5.75	24.5	5.5	7 C	.875	.625	2.25

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - YELLOW (REFL.)
 (PERMANENT SIGN)

LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - YELLOW-GREEN (REFL.)
 (SCHOOL SIGN)
 CENTRALLY LOCATE ALL LEGENDS

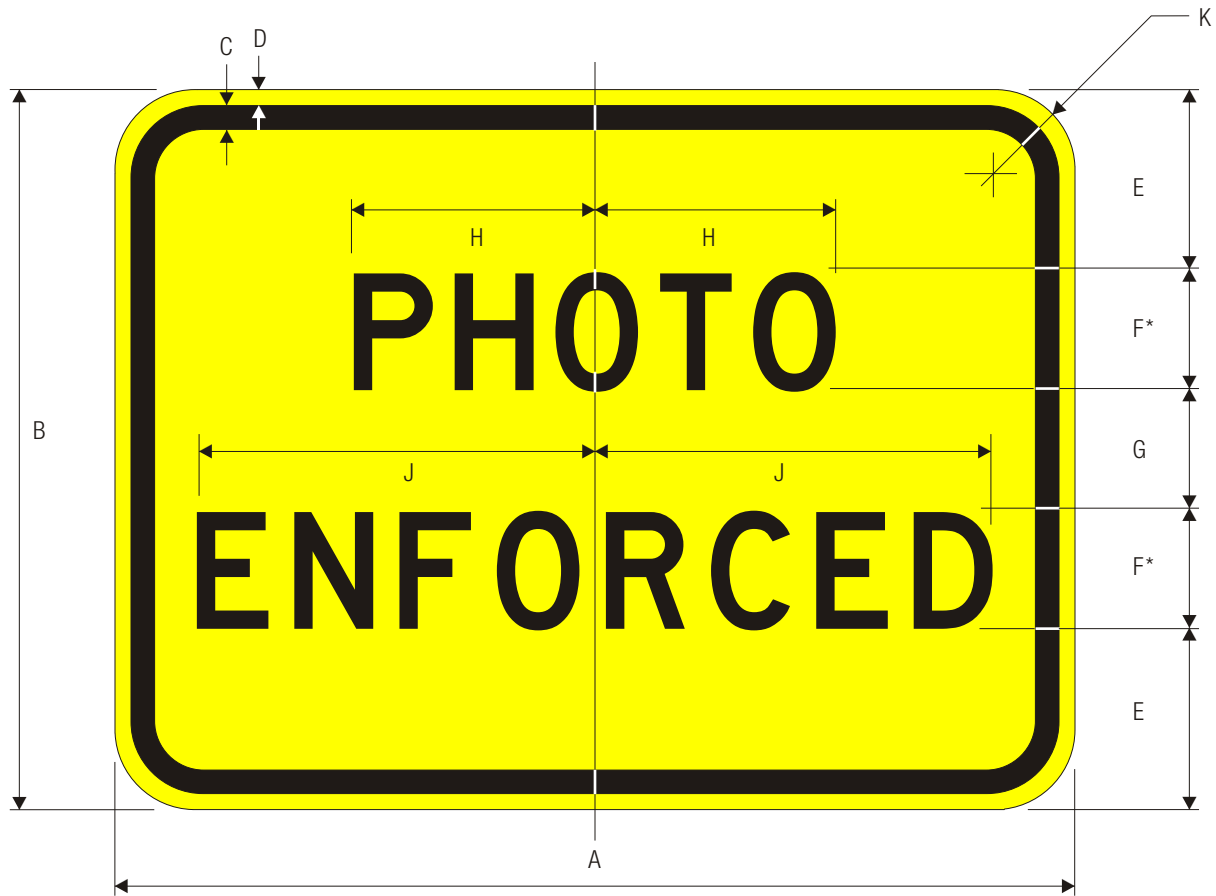


W16-10P
PHOTO ENFORCED (PLAQUE)

* See page X-XX for symbol design.

A	B	C	D	E	F	G	H
24	12	0.375	0.625	1.75	8.625	1.625	1.5
36	18	0.625	0.875	2.5	13	2.5	2.25
48	24	0.75	1.25	3.375	17.25	3.375	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

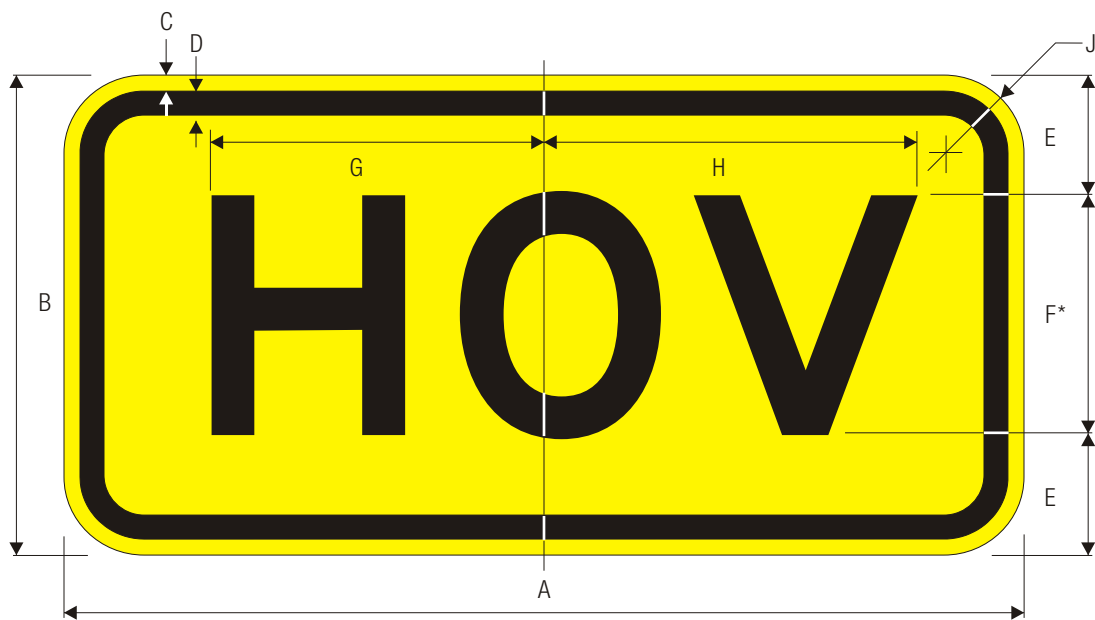


W16-10aP
PHOTO ENFORCED

*Series 2000 Standard Alphabets.

	A	B	C	D	E	F	G	H	J	K
C	24	18	.375	.625	4.5	3 D	3	6.018	9.843	1.5
	36	24	.625	.875	6	4 D	4	8.023	13.121	2.25
	48	36	.75	1.25	9	6 D	6	12.034	19.682	3

COLORS: LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



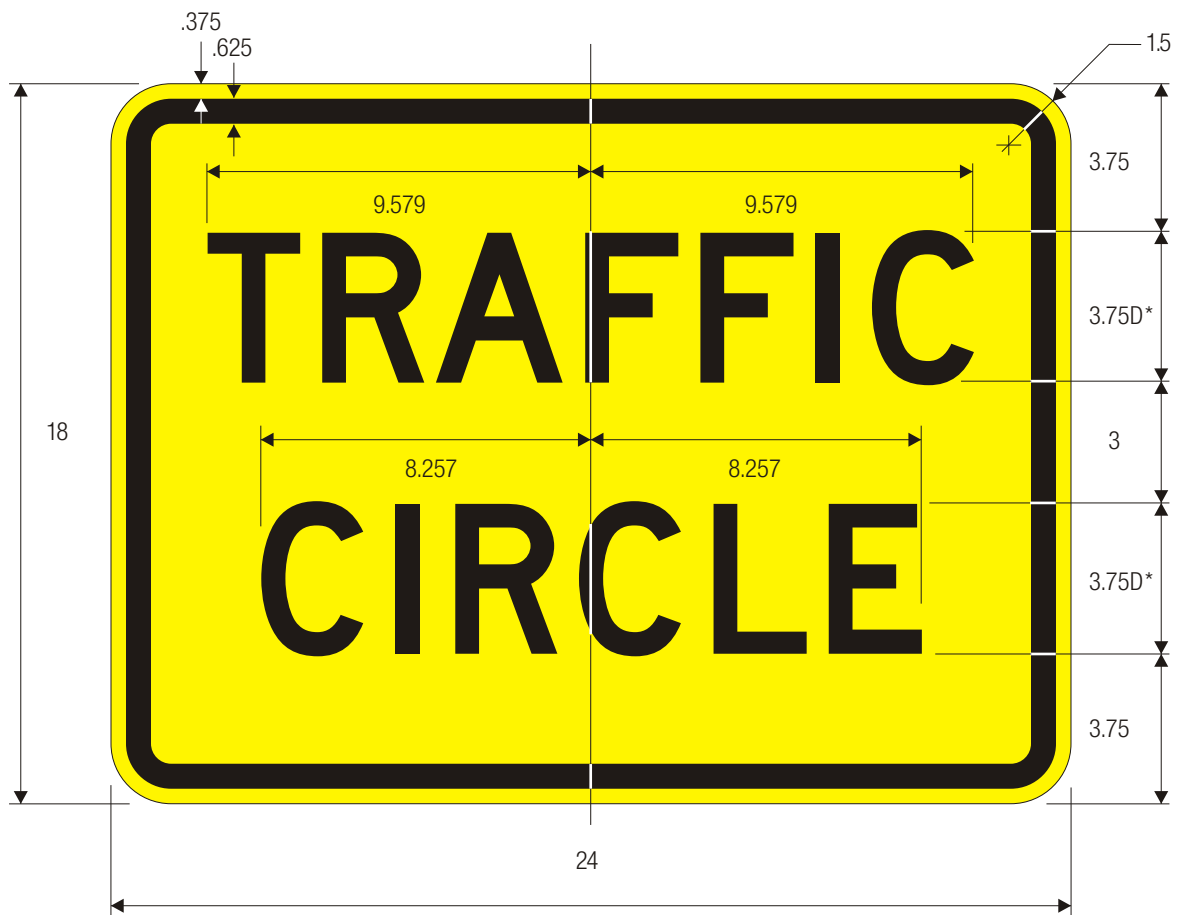
W16-11P
HOV

For use with a Warning Sign that applies to the HOV Lane.

*Series 2000 Standard Alphabets.

C	A	B	C	D	E	F	G	H	J
	24	12	.375	.625	3	6 E	8.339	9.313	1.5
	30	18	.5	.75	5	8 E	11.244	12.289	1.875

COLORS: LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)



W16-12P

TRAFFIC CIRCLE PLAQUE

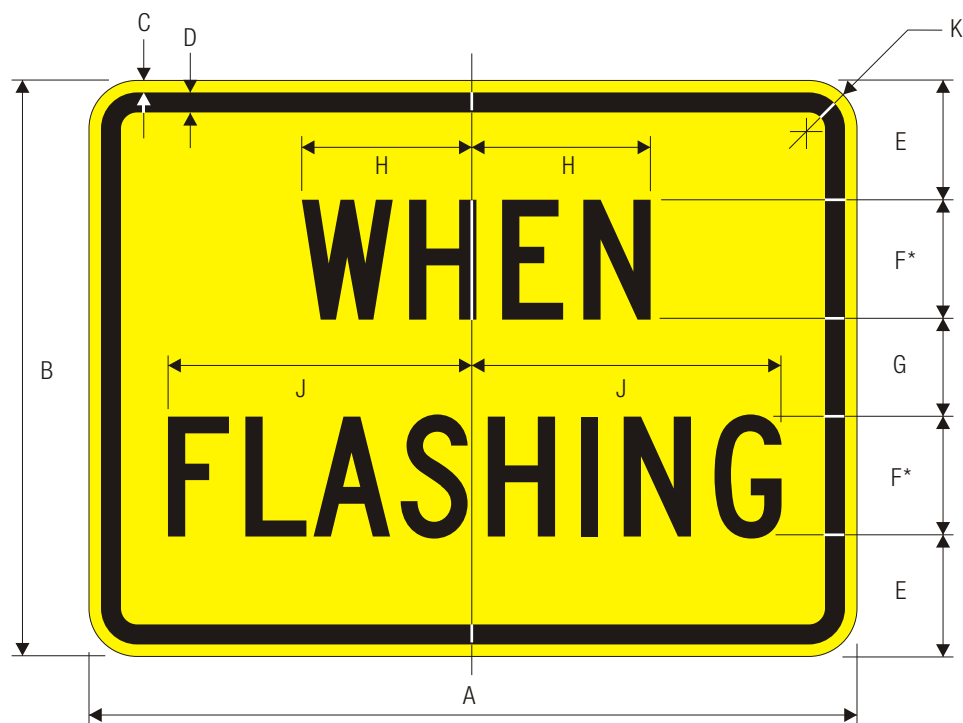
*Series 2000 Standard Alphabets.

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W16-13P

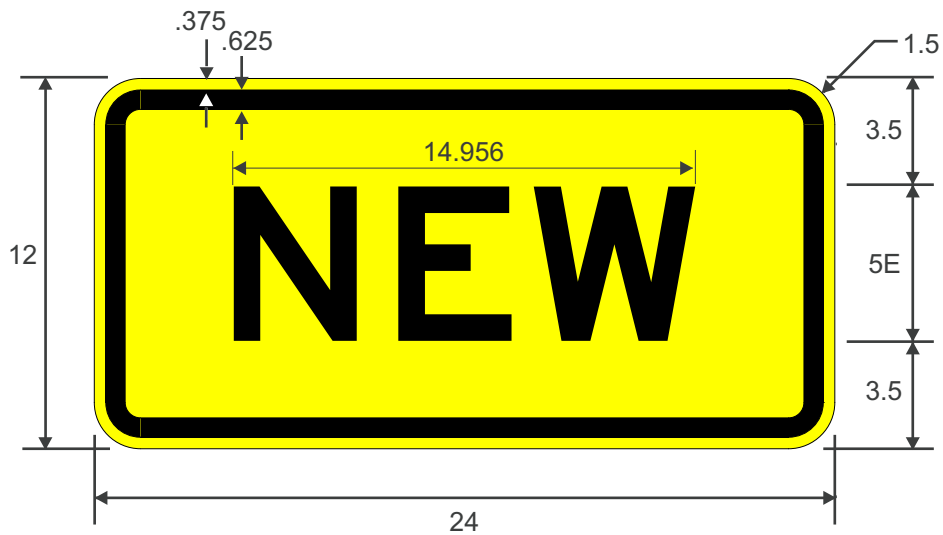
WHEN FLASHING

*Series 2000 Standard Alphabets

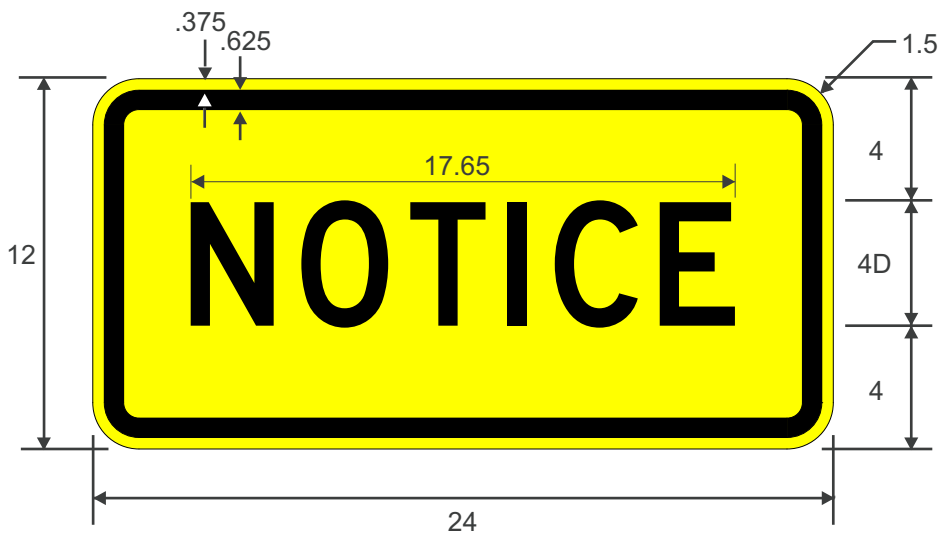
For use with W3-4 BE PREPARED TO STOP sign.

A	B	C	D	E	F	G	H	J	K
24	18	.375	.625	3.75	3.75 C	3	5.451	9.584	1.5
30	24	.5	.75	5	5 C	3	7.268	12.782	1.875

COLORS: LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)

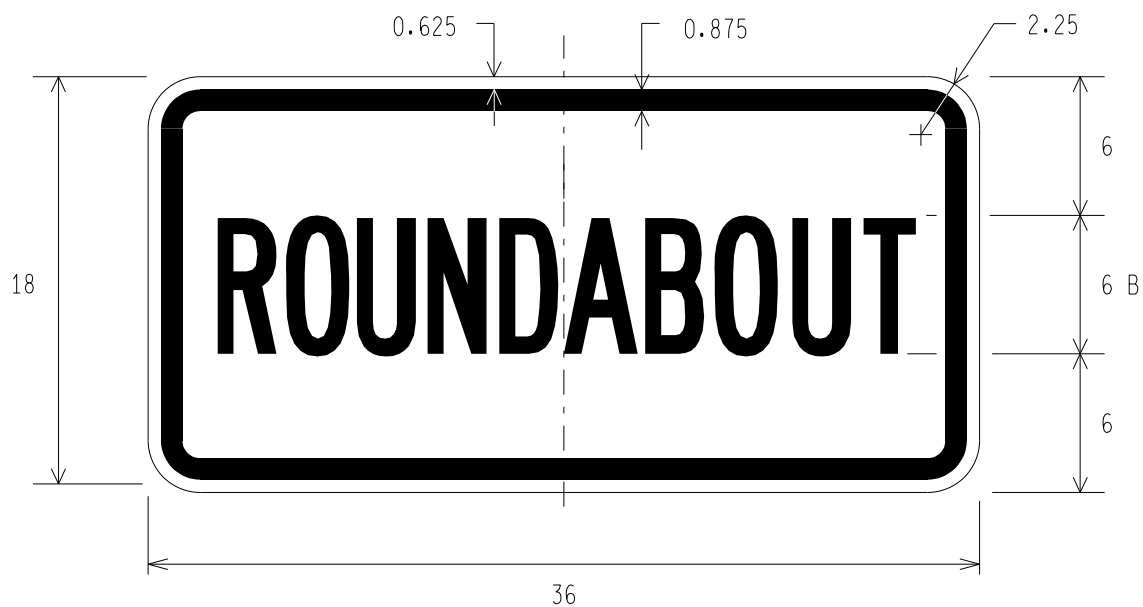


W16-15P



W16-18P

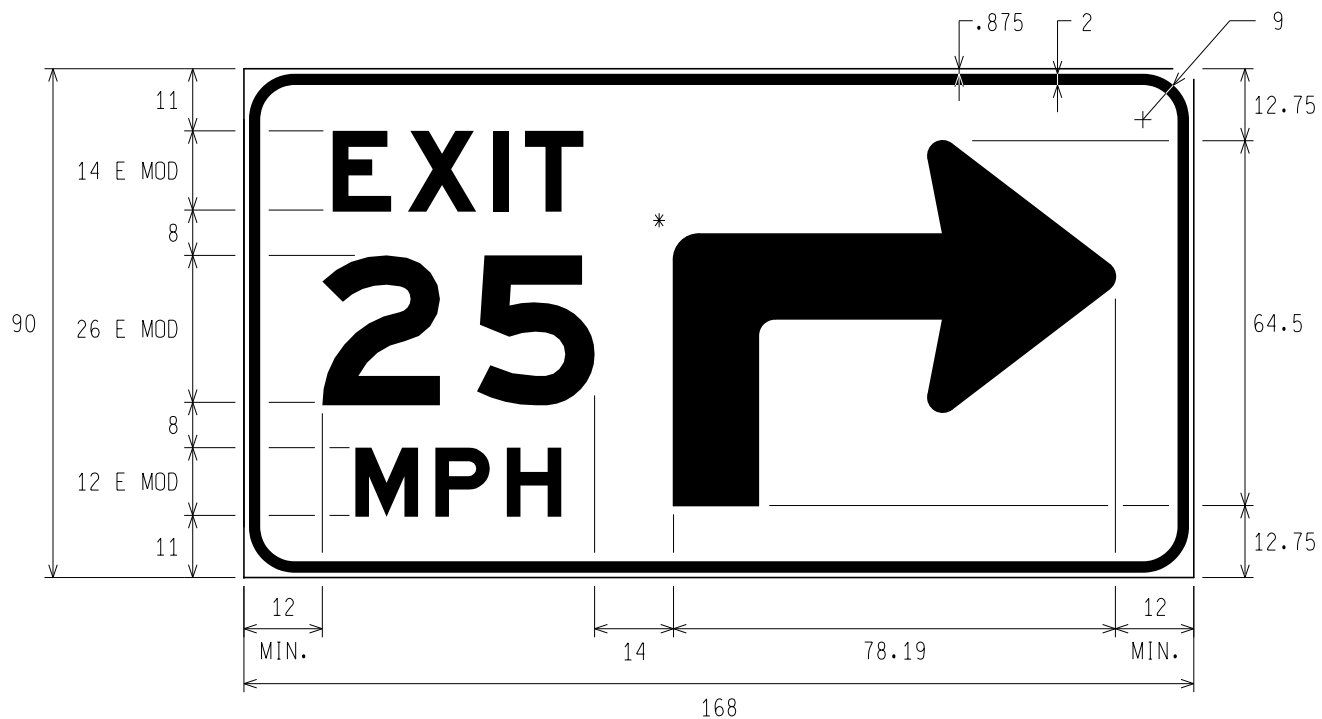
COLORS: LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W16-17P
 ROUNDABOUT PLAQUE

COLORS

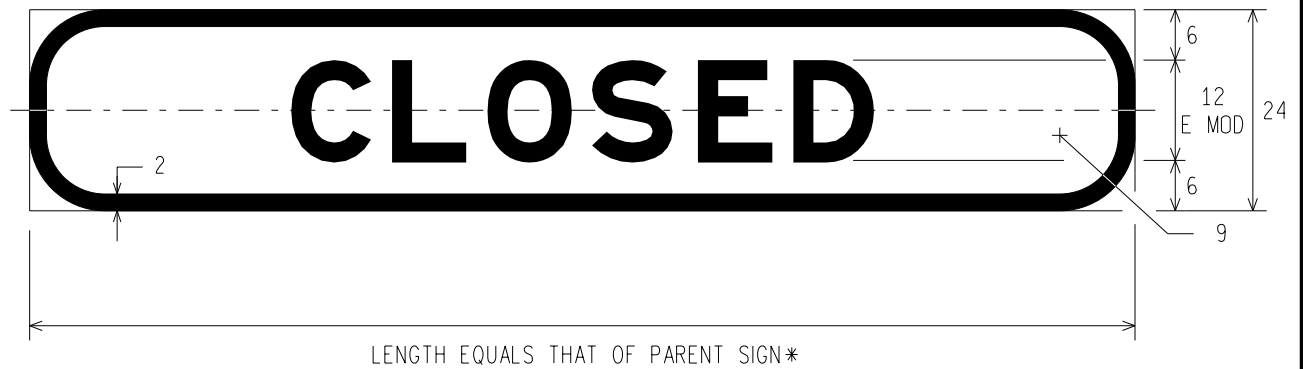
LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - YELLOW (REFL.)
 CENTRALLY LOCATE ALL LEGENDS
 REDUCE SPACING BETWEEN LETTERS TO 50%



W16-19
EXIT ADVISORY SPEED ADVANCE TURN

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - YELLOW (REFL.)
 CENTRALLY LOCATE ALL LEGENDS AND ARROW
 * SEE E SIGN DETAIL 5 FOR ARROW DETAILS
 MULTIPLY ARROW DIMENSIONS BY THREE



W16-20P
CLOSED FOLDABLE SIGN (FREEWAY)

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - YELLOW (REFL.)

CENTRALLY LOCATE ALL LEGENDS

*SIGN TO BE USED BELOW FREEWAY SIGNS: D5-1a, D5-1c, D5-2 (FREEWAY), AND D5-2c

SIGN SHALL BE FOLDABLE ALONG HORIZONTAL CENTERLINE

SIGN SHALL BE SECURED WHEN NOT IN USE



W16-21P CLOSED FOLDABLE SIGN (FREEWAY)

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - YELLOW (REFL.)

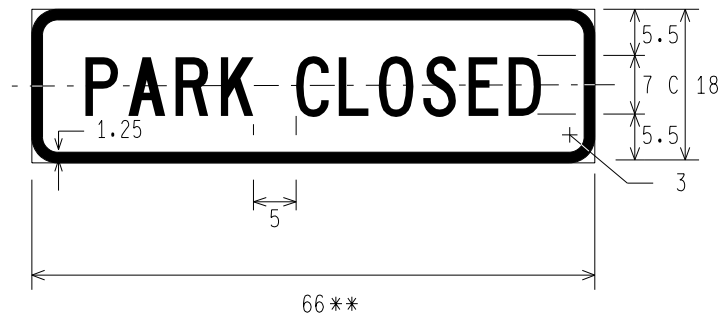
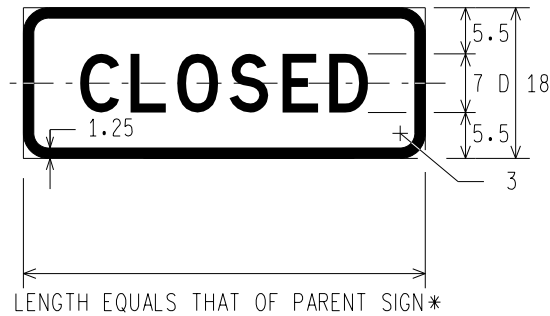
CENTRALLY LOCATE ALL LEGENDS

*SIGN TO BE USED BELOW FREEWAY SIGN: D5-2a

**REDUCE SPACING BETWEEN LETTERS TO 50% FOR 78" WIDE D5-2a

SIGN SHALL BE FOLDABLE ALONG HORIZONTAL CENTERLINE

SIGN SHALL BE SECURED WHEN NOT IN USE



W16-22P
CLOSED FOLDABLE SIGN (NON-FREEWAY)

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - YELLOW (REFL.)

CENTRALLY LOCATE ALL LEGENDS

*SIGN TO BE USED BELOW NON-FREEWAY SIGNS:

D5-1b, D5-2 NON-FREEWAY, D5-5, D6-1, D6-2, AND D6-3

**SIGN SHALL ONLY BE USED WITH "ROADSIDE PARK" D6-1, D6-2, AND D6-3

SIGN SHALL BE FOLDABLE ALONG HORIZONTAL CENTERLINE

SIGN SHALL BE SECURED WHEN NOT IN USE



W17-1
SPEED HUMP

A	B	C	D	E	F	G	H	J	K
24	0.375	0.625	4 D	1.25	2	7.886	6.961	7.210	1.5
30	0.5	0.75	5 D	1.5	2.5	9.857	8.732	8.982	1.875
36	0.625	0.875	6 D	1.875	3	11.828	10.379	10.878	2.25
48	0.75	1.25	8 D	2.5	4	15.771	13.921	14.421	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W18-1

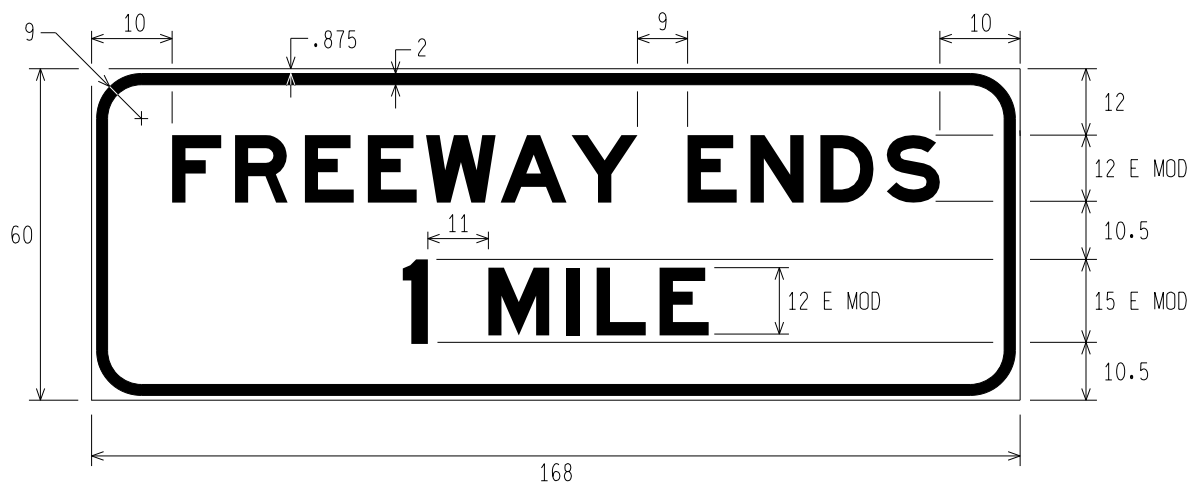
NO TRAFFIC SIGNS

*Series 2000 Standard Alphabets.

	A	B	C	D	E	F	G	H	J	K
	24	.375	.625	4 D	2.5	1.25	3.205	10.218	7.286	1.5
C	30	.5	.75	5 D	3.125	1.5	4	12.771	9.107	1.875
	36	.625	.875	6 D	3.75	1.8	4.807	15.327	10.93	2.25

COLORS: LEGEND
BACKGROUND

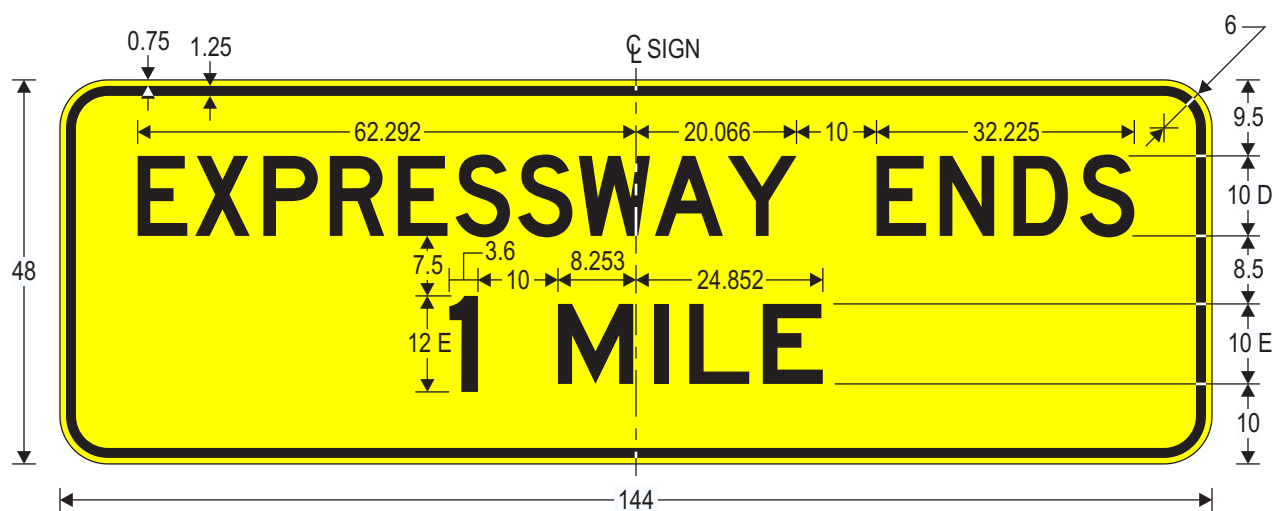
— BLACK
— YELLOW (RETROREFLECTIVE)



W19-1
FREEWAY ENDS X MILE

COLORS

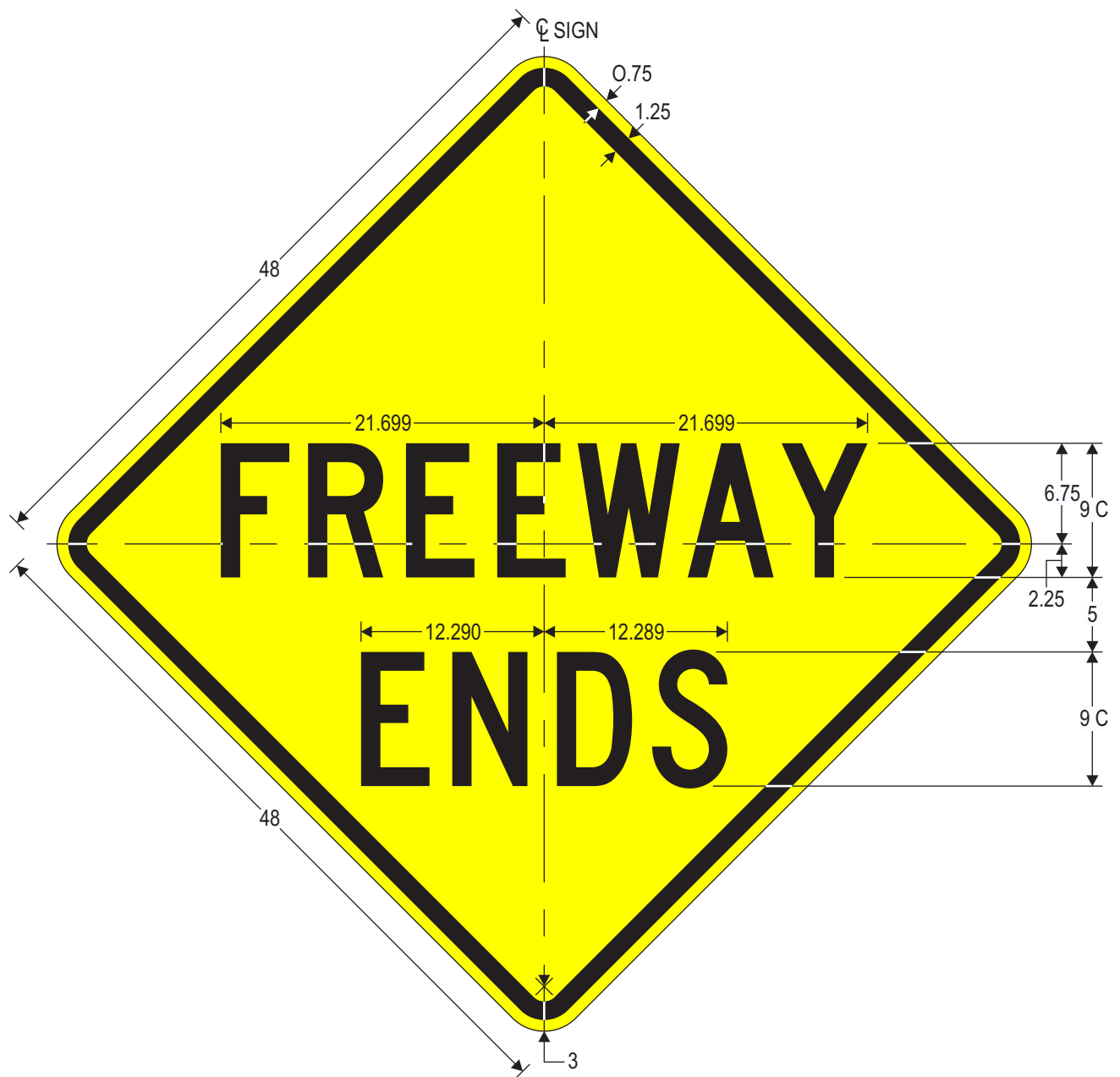
LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - YELLOW (REFL.)
CENTRALLY LOCATE ALL LEGENDS



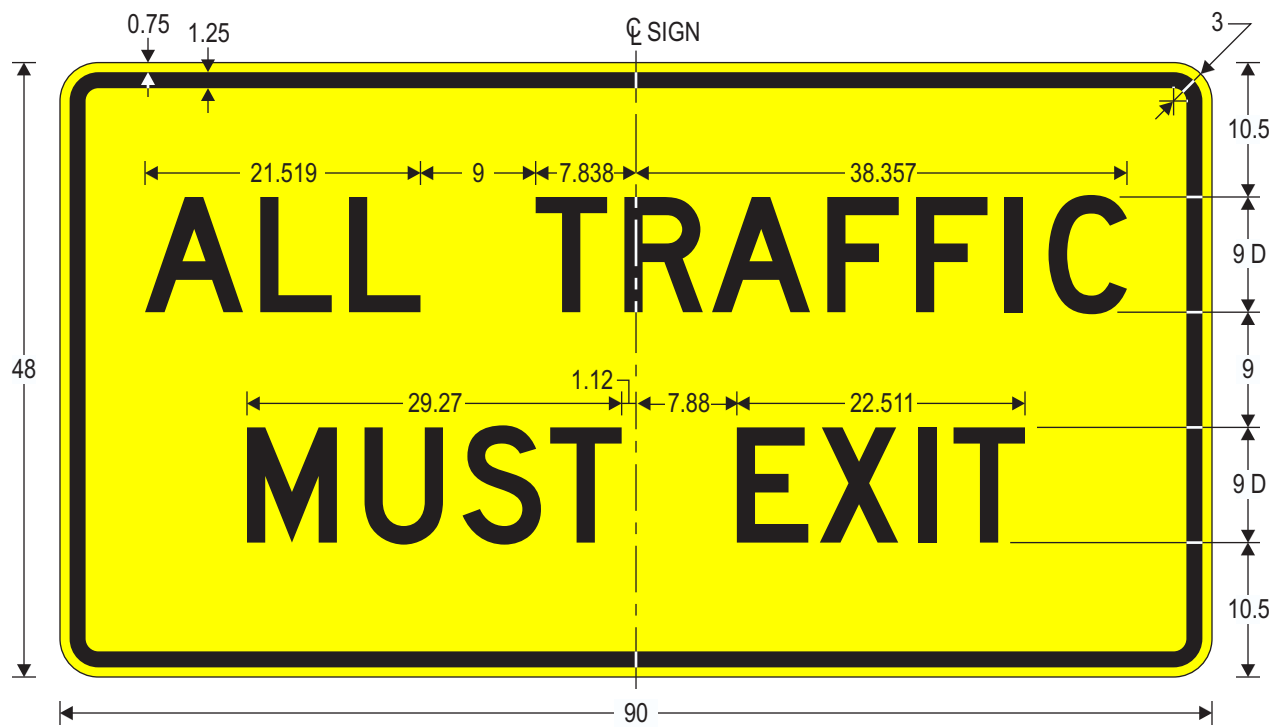
W19-2

EXPRESSWAY ENDS ADVANCE

COLORS: LEGEND, BORDER — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)

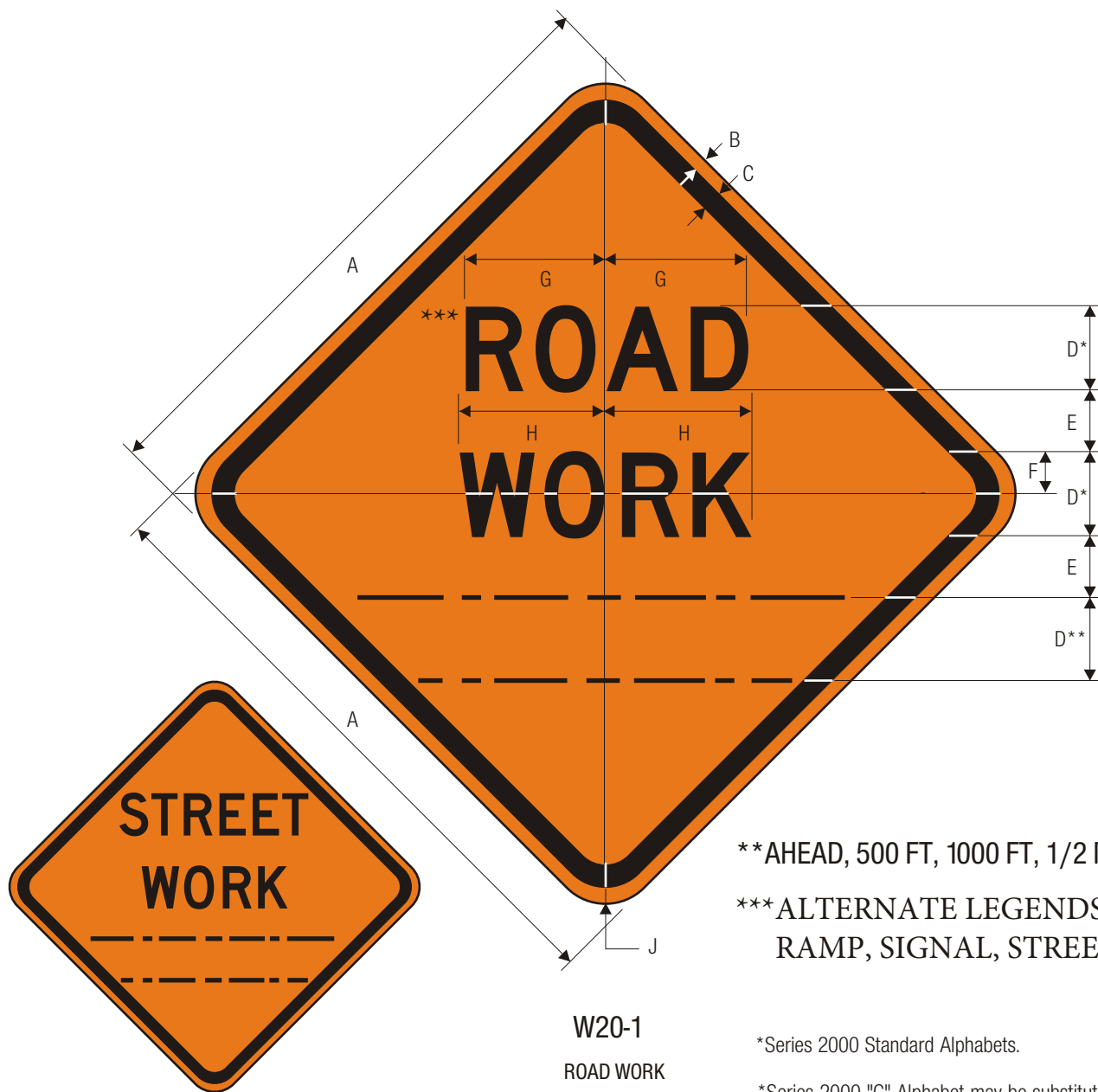


COLORS: LEGEND, BORDER — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)



W19-5
ALL TRAFFIC MUST EXIT

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



**AHEAD, 500 FT, 1000 FT, 1/2 MILE

***ALTERNATE LEGENDS:
RAMP, SIGNAL, STREET, SURVEY

*Series 2000 Standard Alphabets.

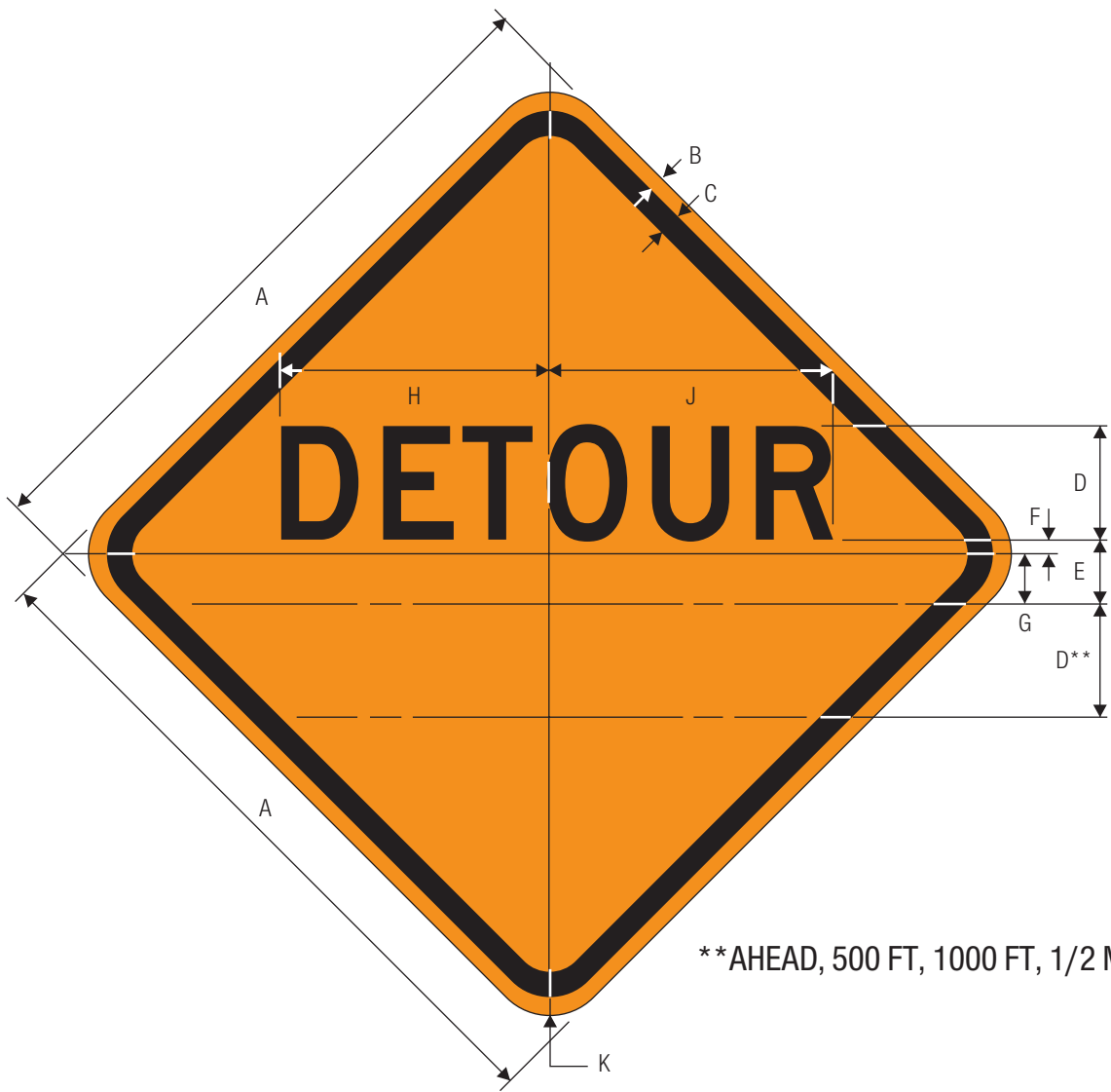
*Series 2000 "C" Alphabet may be substituted where
space limitations occur due to length of word message.

C	A	B	C	D	E	F	G	H	J
	24	.375	.625	4 D	2	2	6.685	6.965	1.5
	30	.5	.75	4 D	2.742	2	6.685	6.965	1.875
	36	.625	.875	5 D	3.682	2.481	8.406	8.666	2.25
	48	.75	1.25	7 D	4.803	3.482	11.688	11.788	3
	60	.75	1.25	8 D	5.484	4	13.370	13.930	3

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



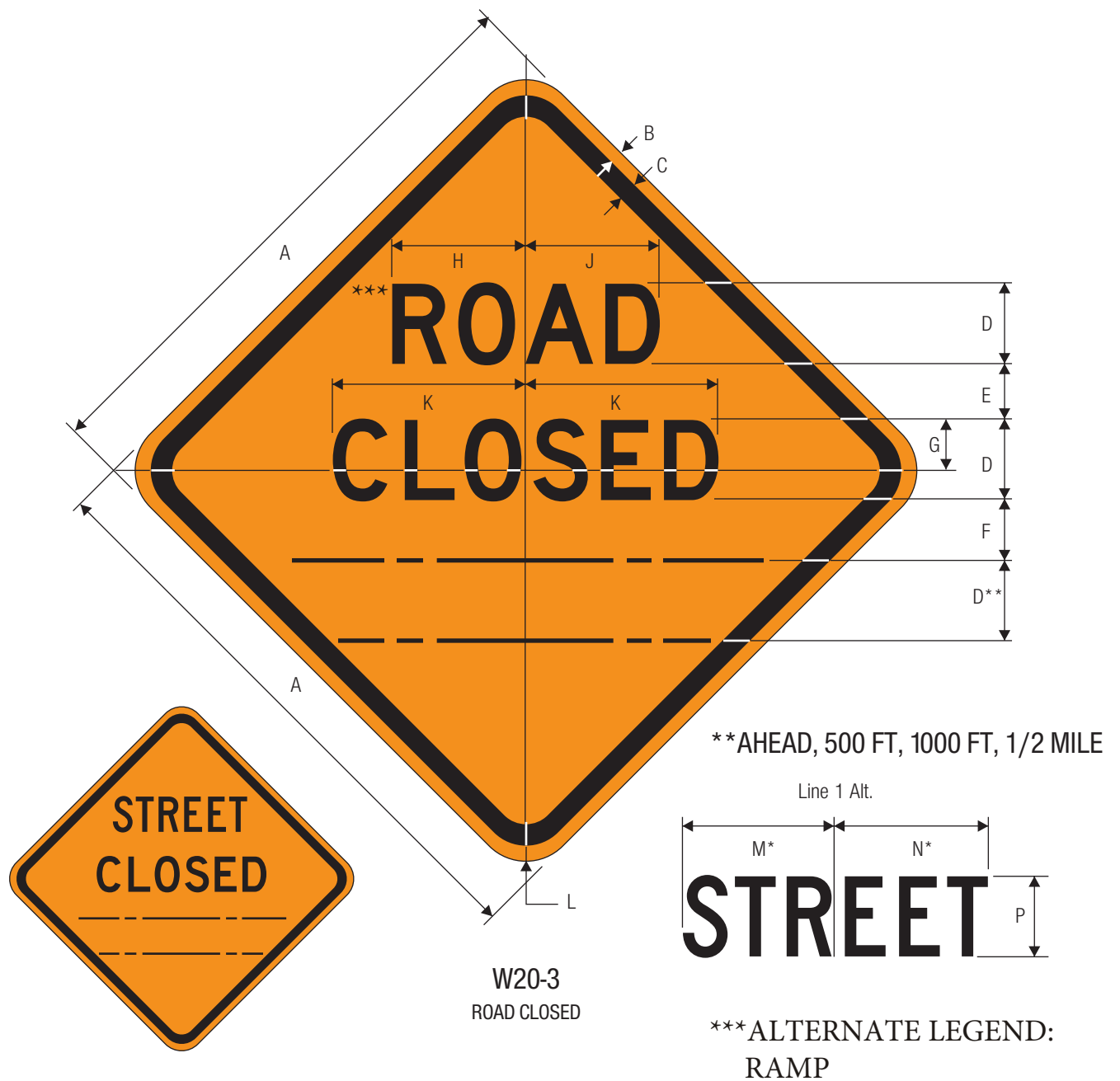
**AHEAD, 500 FT, 1000 FT, 1/2 MILE

W20-2
DETOUR

* Reduce character spacing 40%.

A	B	C	D	E	F	G	H	J	K
30	.5	.75	5 D*	3	2.25	.75	11.25	11.386	1.875
36	.625	.875	6 D*	3.5	.875	2.625	13.5	13.75	2.25
48	.75	1.25	8 D*	4.75	1.25	3.5	18	18.438	3

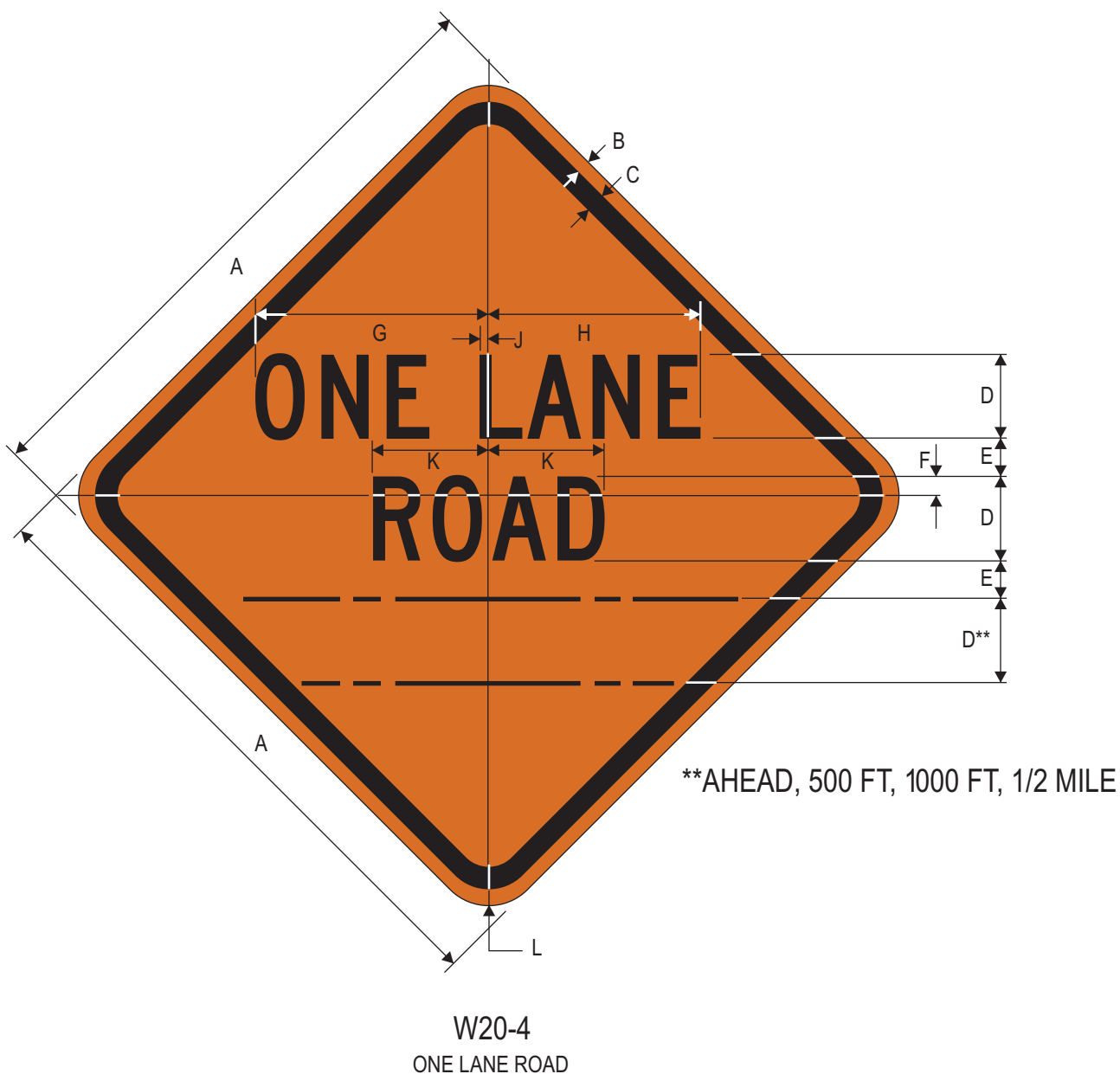
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



*Reduce spacing 30%.

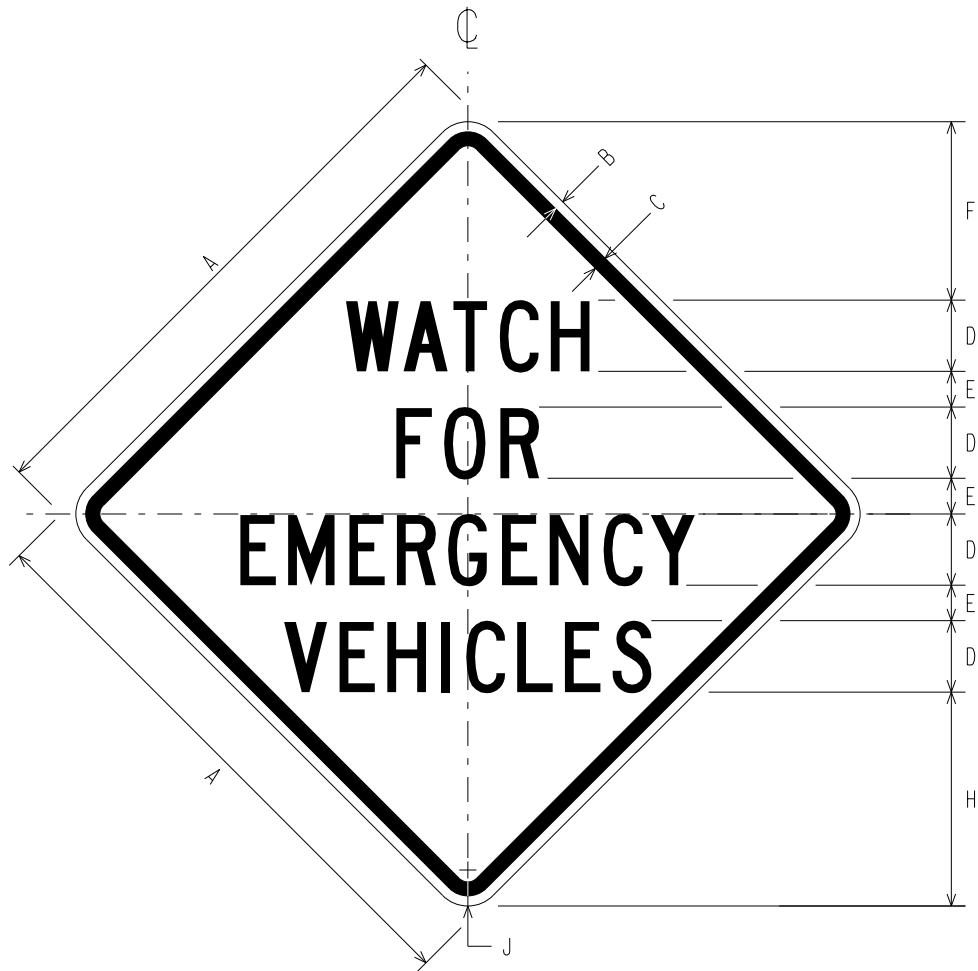
A	B	C	D	E	F	G	H	J	K	L	M	N	P
30	.5	.75	4 D	3	3	2.75	6.979	7.396	10.261	1.875	8.333	8.021	4 C
36	.625	.875	5 D	3.5	3.75	3.25	8.375	8.875	12.313	2.25	10	9.625	5 C
48	.75	1.25	7 D	4.75	5.25	4.5	11.688	12.438	17.25	3	14	13.5	7 C

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



A	B	C	D	E	F	G	H	J	K	L
30	.5	.75	4 C	1.875	1	10.104	10.521	.313	5.833	1.875
36	.625	.875	5 C	2.25	1.25	12.125	12.625	.375	7	2.25
48	.75	1.25	7 C	3.125	1.75	18.5	17.75	.5	9.688	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



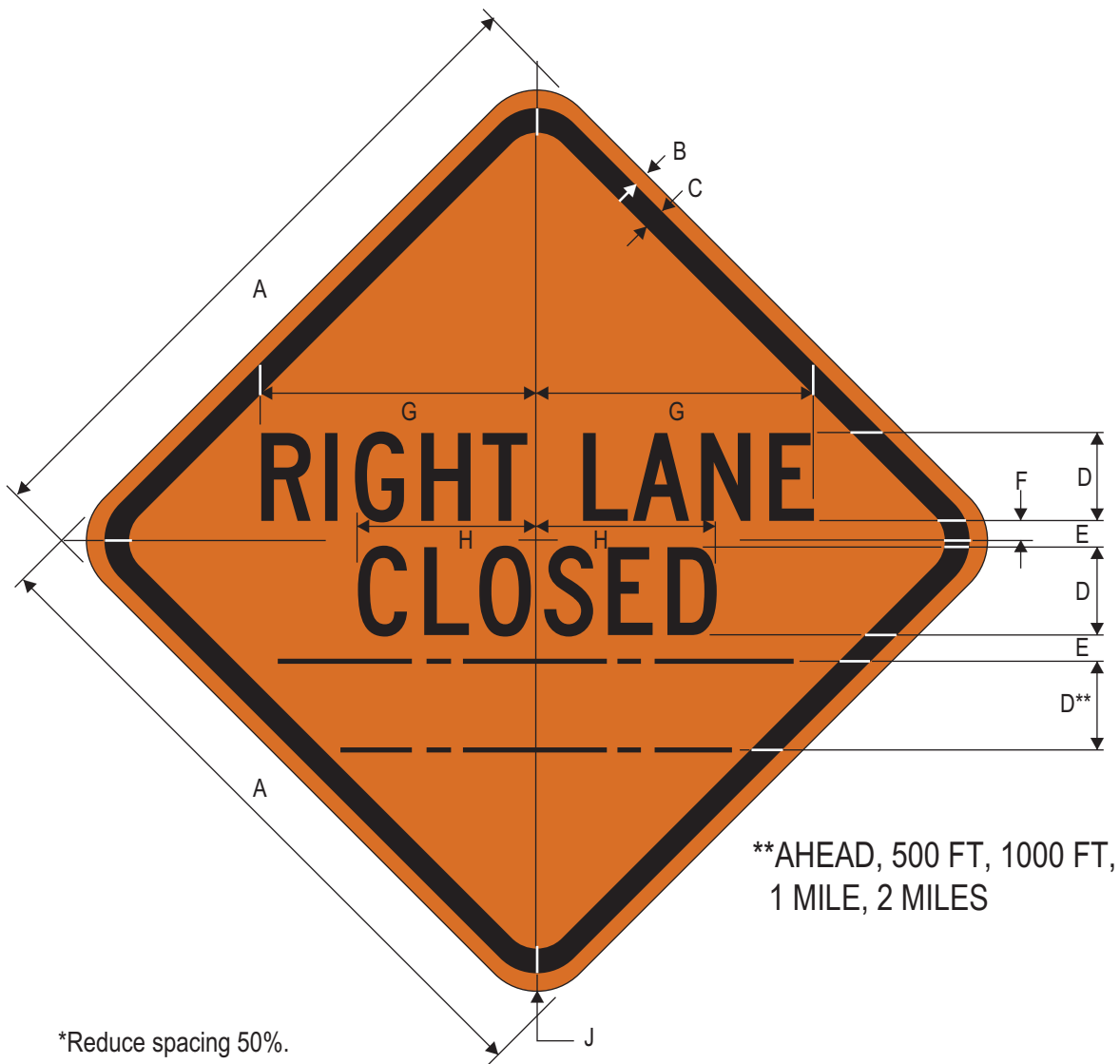
W20-4c
WATCH FOR EMERGENCY VEHICLES

DIMENSIONS (INCHES)							
A	B	C	D	E	F	H	J
36	.625	.875	4C	2	12.5	14.5	2.25
48	.75	1.25	6C	3	15	18	3

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
(CONSTRUCTION SIGNS)

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - YELLOW (REFL.)
(PERMANENT SIGNS)
CENTRALLY LOCATE ALL LEGENDS



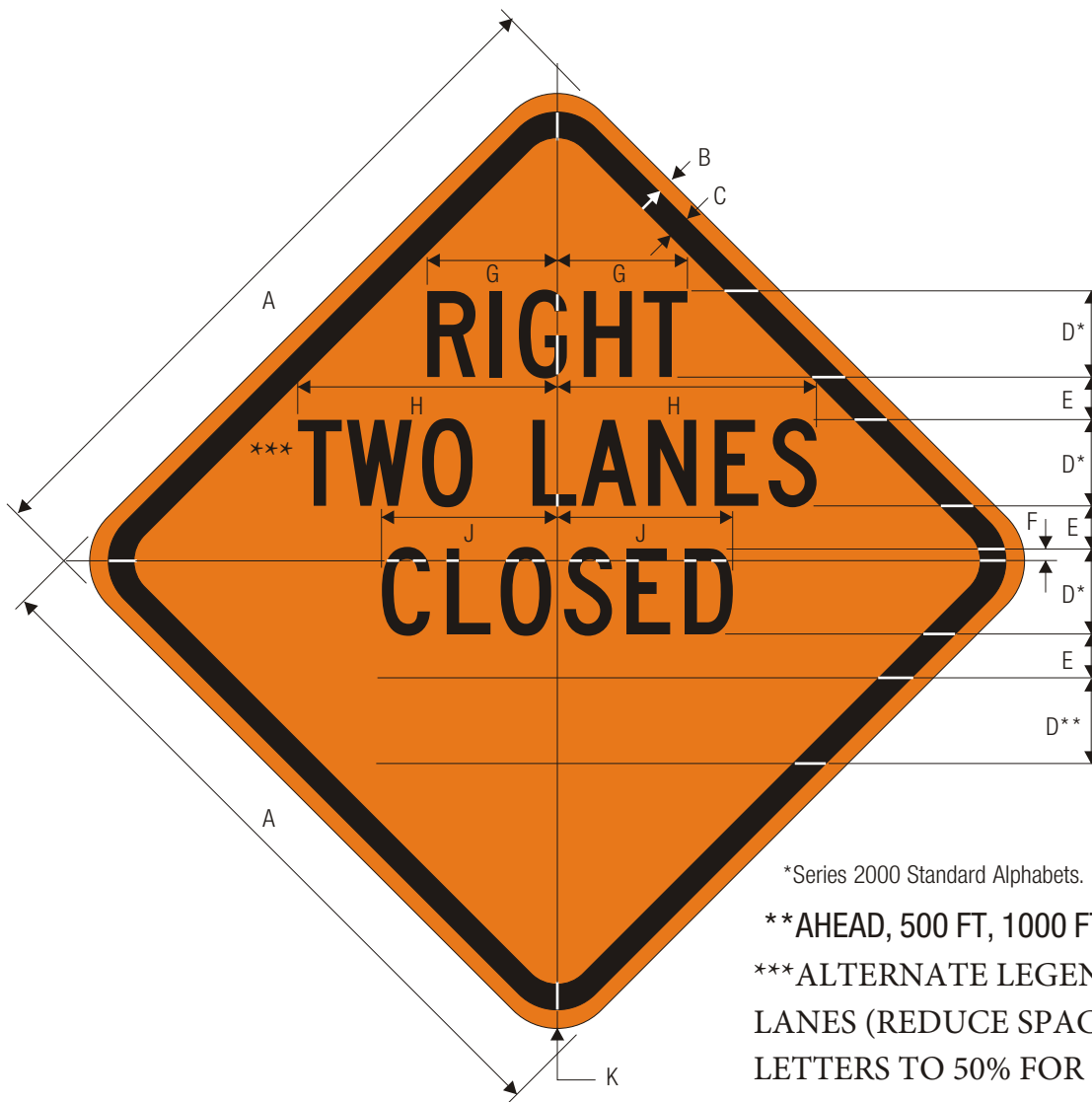
W20-5

RIGHT (CENTER) (LEFT) LANE CLOSED



A	B	C	D	E	F	G	H	J	K	L	M
30	.5	.75	4 C	1.625	2	12.614	8.203	1.875	11.604	13.420	13.280
36	.625	.875	5 C*	2.75	.375	15.75	10.25	2.25	14.5	16.25	15.75
48	.75	.1.25	6 C*	3.375	.5	19	12.313	3	17.438	20.375	19.375

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



*Series 2000 Standard Alphabets.

**AHEAD, 500 FT, 1000 FT, 1/2 MILE

***ALTERNATE LEGEND: THREE LANES (REDUCE SPACING BETWEEN LETTERS TO 50% FOR 30", 35% FOR 36", AND 70% FOR 48")

W20-5a

RIGHT (CENTER) (LEFT) TWO LANES CLOSED

LEFT

CENTER

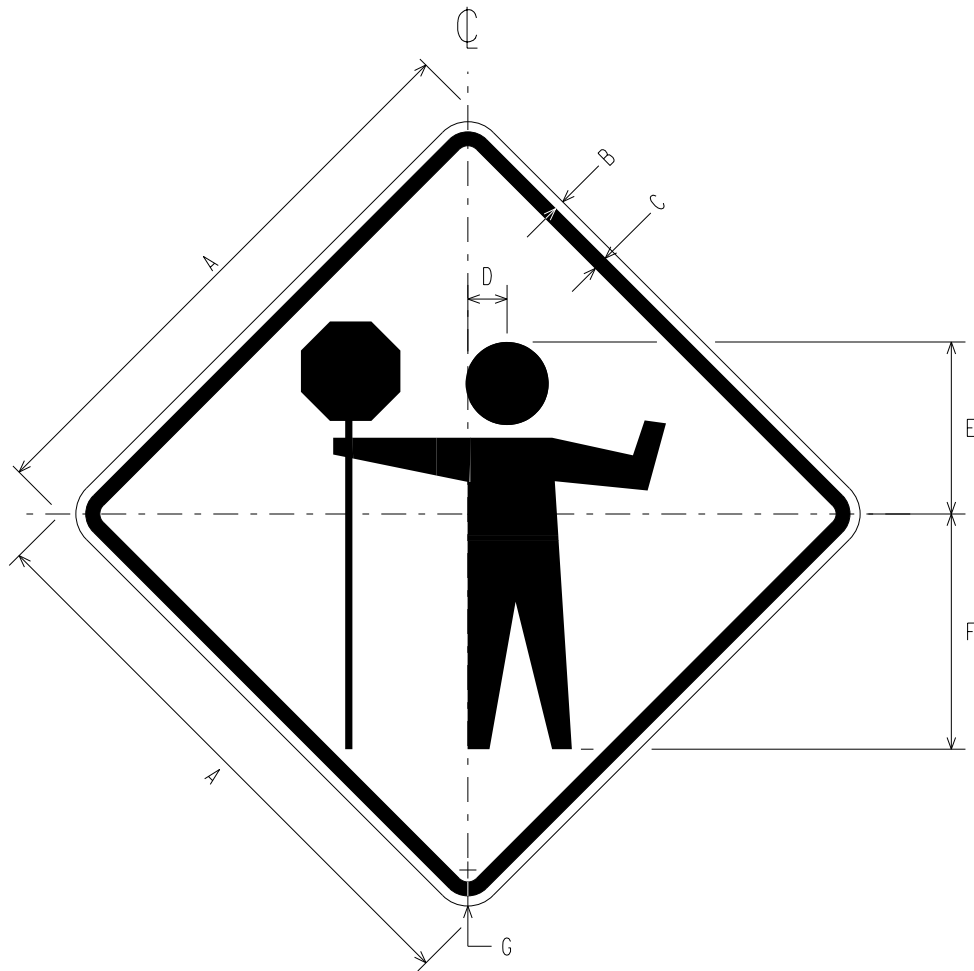
****REDUCE SPACING BETWEEN LETTERS TO 50% FOR 36" SIZE

	A	B	C	D	E	F	G	H	J	K	L	M
	30	.5	.75	4 C	1.521	.560	6.064	12.069	8.166	1.875	4.82	8.06
C	36	.625	.875	5 C	2	.720	7.565	15.091	10.207	2.25	6.025	9.05
	48	.75	1.25	6 C	3	1	9.086	18.113	12.249	3	7.23	12.09

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W20-7a
TRAFFIC REGULATOR SYMBOL

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
URBAN	30	.5	.75	2.25	11.25	12.12	1.875
RURAL	36	.625	.875	2.75	13.5	14.62	2.25
FWY.	48	.75	1.25	3.75	18	19.5	3

COLORS

SYMBOL AND BORDER - BLACK (NON-REFL.)

BACKGROUND - ORANGE (REFL.)

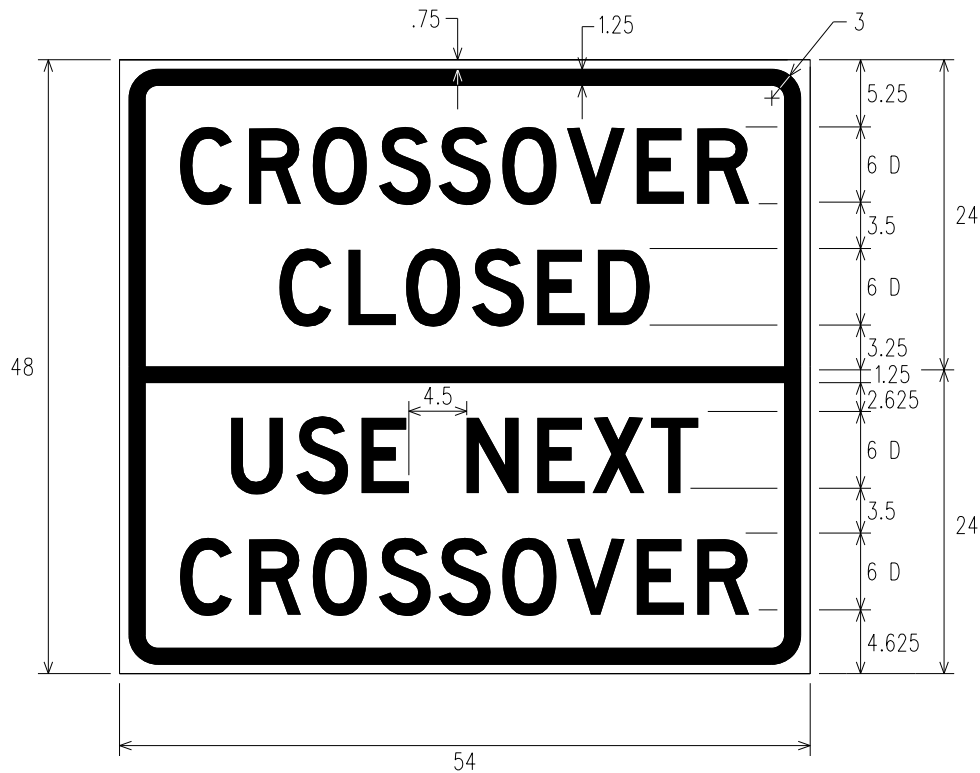
SEE APPENDIX PAGE 6-35 FOR SYMBOL DETAILS



W20-8
SIDEWALK CLOSED AHEAD

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
CENTRALLY LOCATE ALL LEGENDS



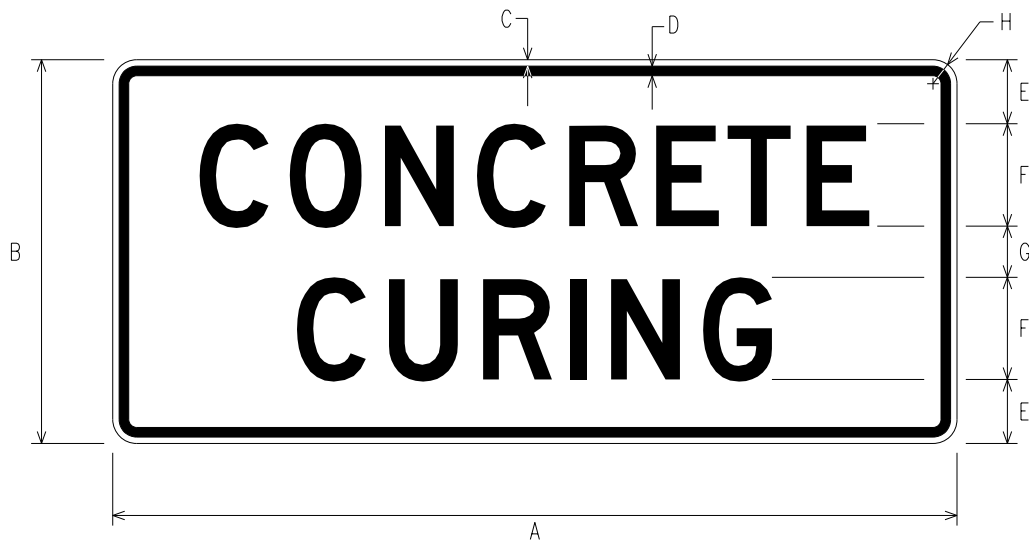
W20-9
CROSSOVER CLOSED / USE NEXT CROSSOVER

COLORS (TOP 24")

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - WHITE (REFL.)

COLORS (BOTTOM 24")

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
CENTRALLY LOCATE ALL LEGENDS

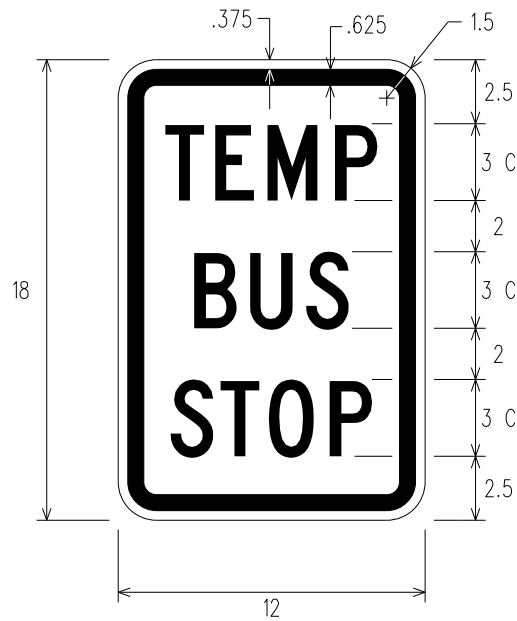


W20-10 CONCRETE CURING

SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
NON-FWY	48	24	.375	.625	4.25	6 D	3.5	1.5
FWY	66	30	.5	.75	5	8 D	4	1.875

COLORS

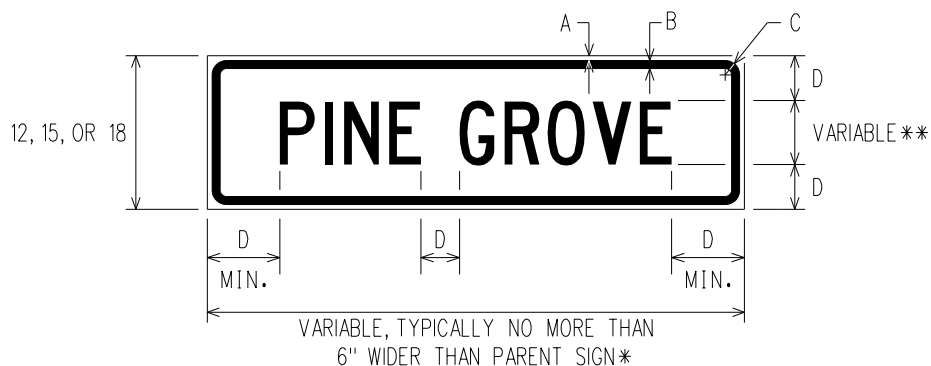
LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - ORANGE (REFL.)
 CENTRALLY LOCATE ALL LEGENDS



W20-11
TEMP BUS STOP

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
CENTRALLY LOCATE ALL LEGENDS



W20-12P

ROAD NAME (ABOVE M4-8a AND M4-9 SERIES)

WIDTH OF PARENT SIGN*	DIMENSIONS (INCHES)			
	A	B	C	D
30"	.375	.625	1.5	TEXT HEIGHT OR 2" LESS
48"	.625	.875	2.25	TEXT HEIGHT OR 2" LESS
60"	.75	1.25	3	TEXT HEIGHT OR 2" LESS

COLORS

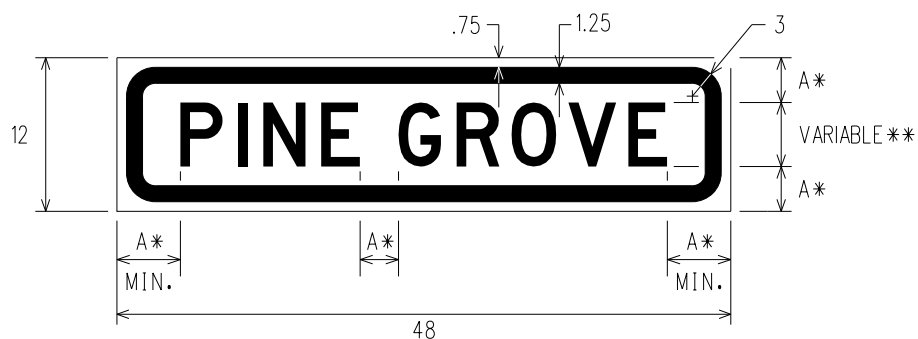
LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - ORANGE (REFL.)

CENTRALLY LOCATE ALL LEGENDS

*SIGN TO BE UTILIZED ABOVE M4-8a, M4-9L(R), M4-9j, M4-9kL(R), AND M4-9mL(R)

**SEE APPENDIX K OF THE WORK ZONE SAFETY AND MOBILITY MANUAL
FOR FULL LIST OF SIGN DESIGN REQUIREMENTS



W20-13P
ROAD NAME (BELOW 48" DIAMOND)

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)

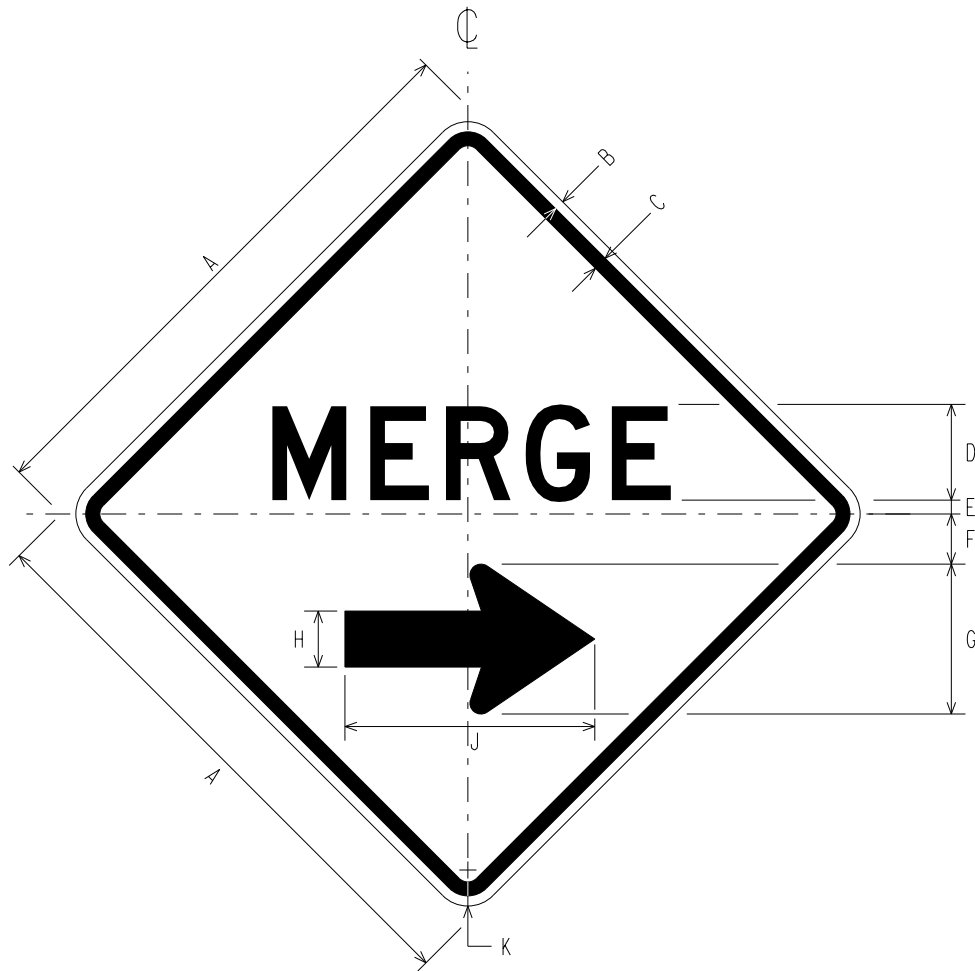
BACKGROUND - ORANGE (REFL.)

CENTRALLY LOCATE ALL LEGENDS

SIGN TO BE UTILIZED BELOW 48" DIAMOND SIGNS

*TEXT HEIGHT OR 2" LESS

**SEE APPENDIX K OF THE WORK ZONE SAFETY AND MOBILITY MANUAL
FOR FULL LIST OF SIGN DESIGN REQUIREMENTS



W20-14
LATE MERGE

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
STD.	36	.625	.875	6 D	.85	3.15	9.38	3.5	15.6	2.25
FWY.	48	.75	1.25	8 D	.43	3.57	12.13	4.5	20	3

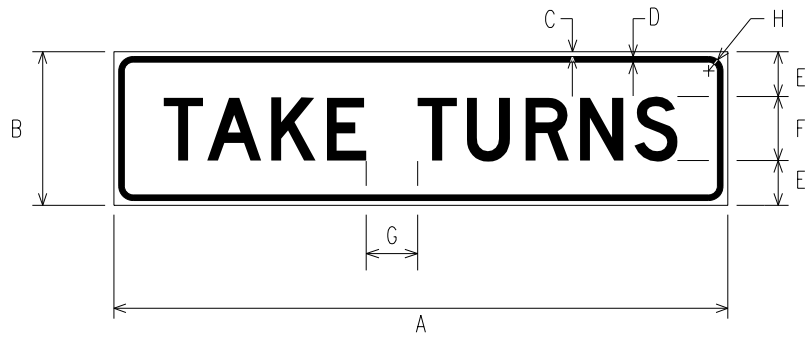
COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - ORANGE (REFL.)

CENTRALLY LOCATE ALL LEGENDS

SEE APPENDIX PAGE 6-2 FOR ARROW DETAILS

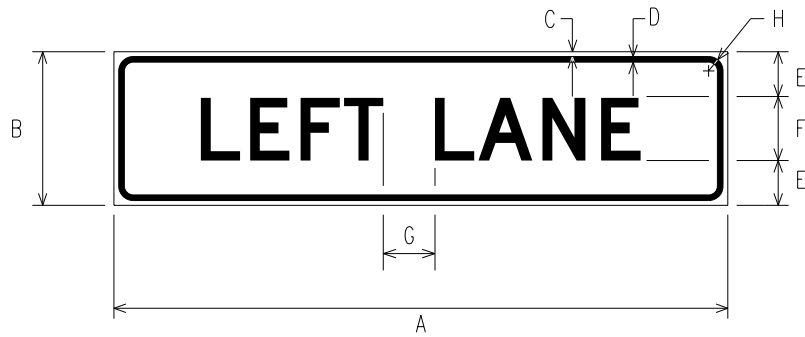


W20-14aP TAKE TURNS

SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
STD.	36	12	.375	.438	4	4 D	3	1.5
FWY.	48	12	.375	.438	3.5	5 D	4	1.5

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - ORANGE (REFL.)
 CENTRALLY LOCATE ALL LEGENDS

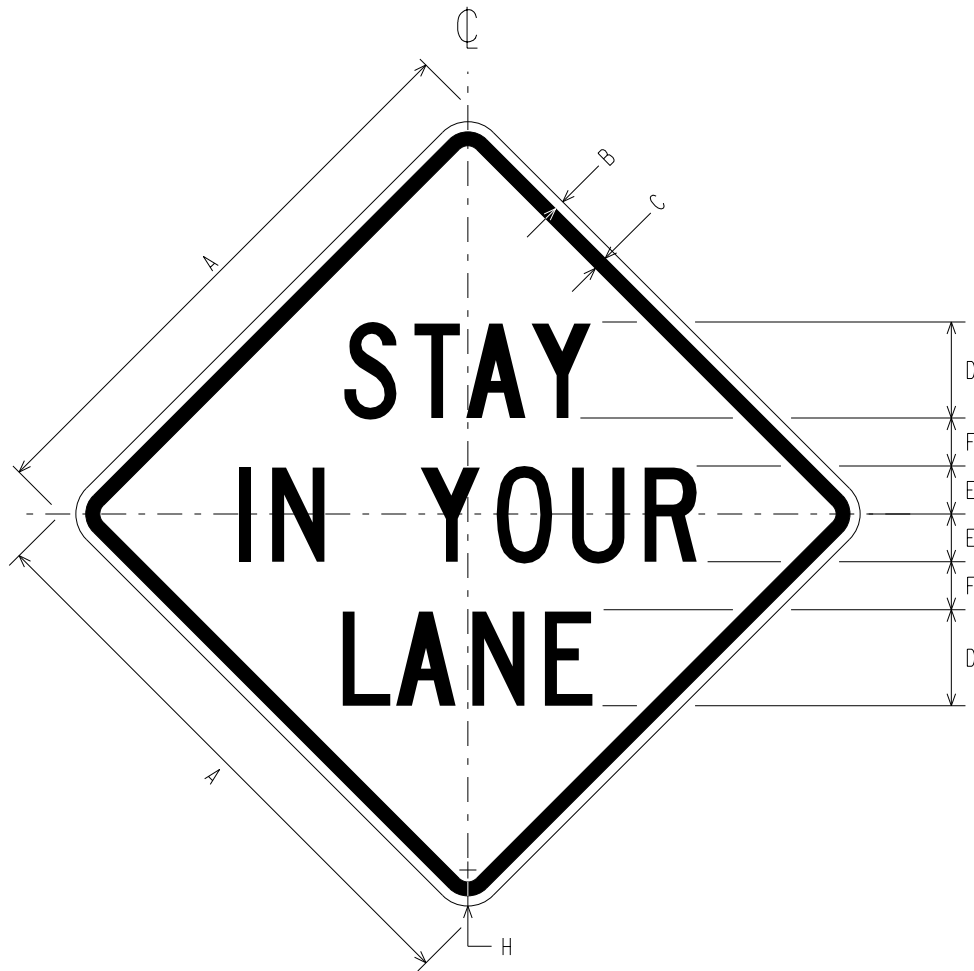


W20-14bP
LEFT LANE

SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
STD.	36	12	.375	.438	3.5	5 C 80% SPACING	4	1.5
FWY.	48	12	.375	.438	3.5	5 D	4	1.5

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
CENTRALLY LOCATE ALL LEGENDS



W20-15
STAY IN YOUR LANE

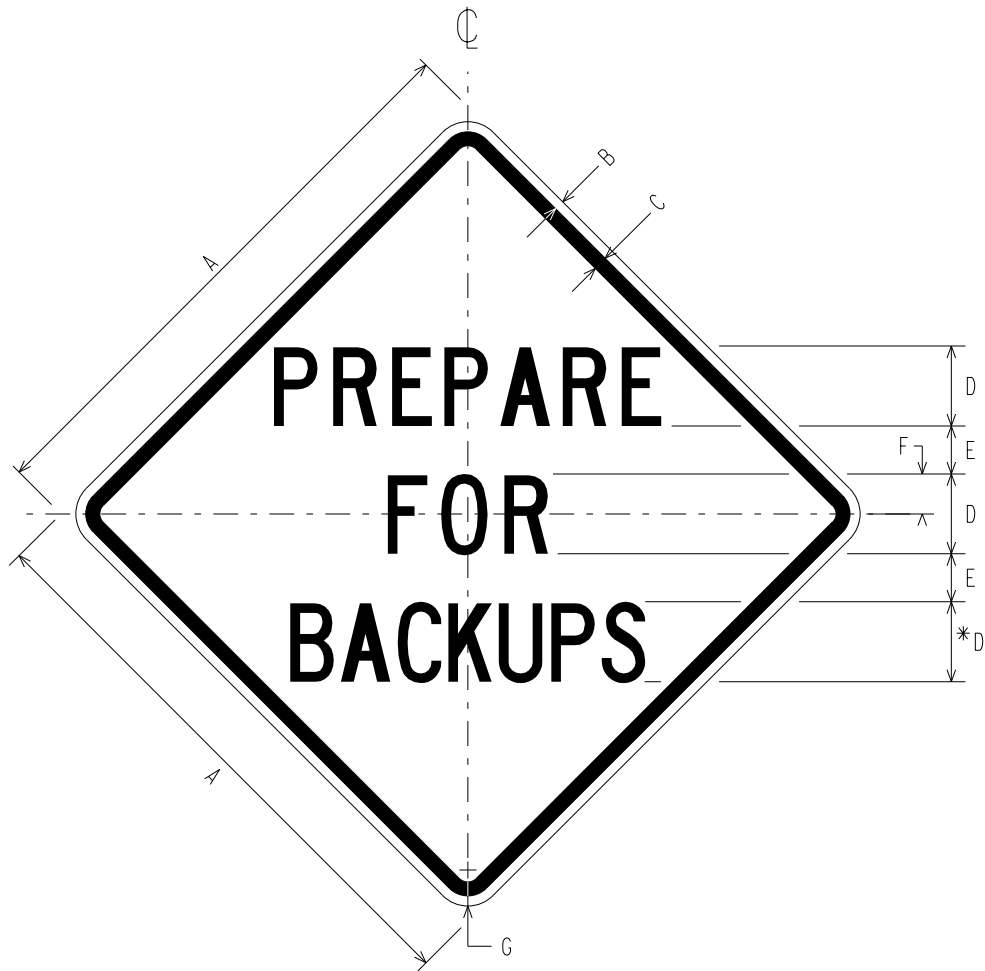
SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
STD.	36	.625	.875	6 D	3	3	4	2.25
FWY.	48	.75	1.25	8 D	4	5	6	3

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - ORANGE (REFL.)

CENTRALLY LOCATE ALL LEGENDS

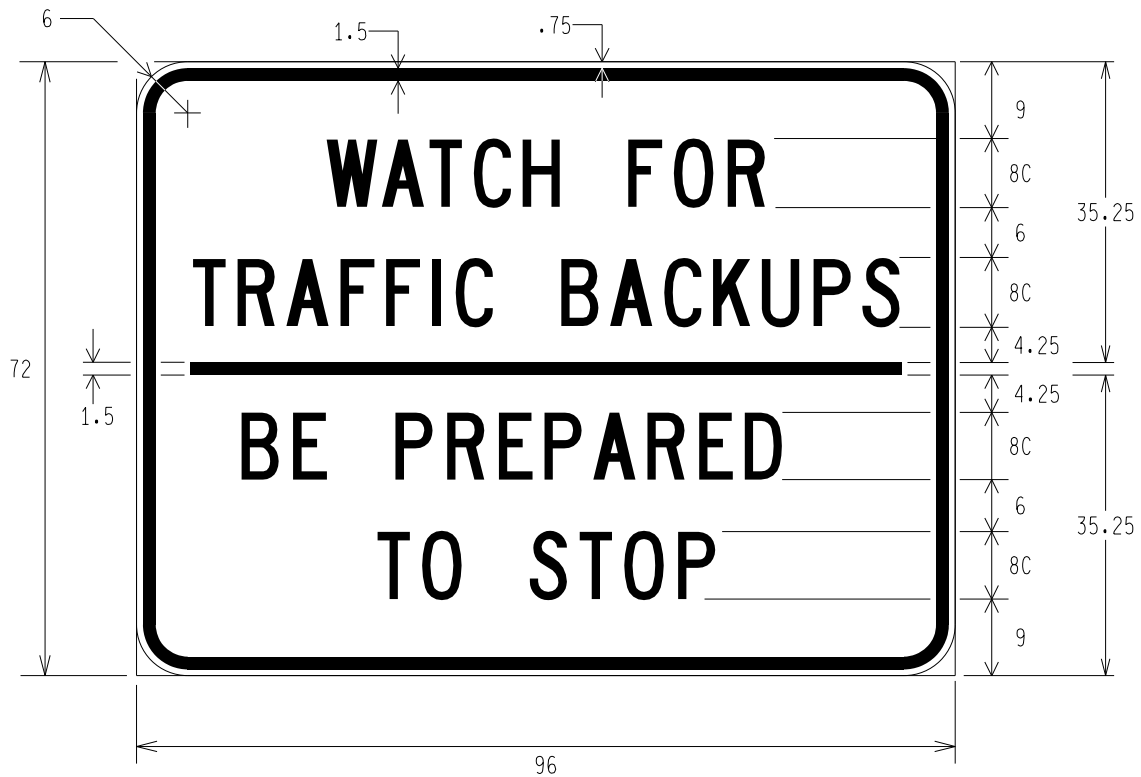


W20-15a
PREPARE FOR BACKUPS

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
MIN.	36	.625	.875	5C	2.5	1.5	2.25
STD.	48	.75	1.25	7C	3	2.5	3

COLORS

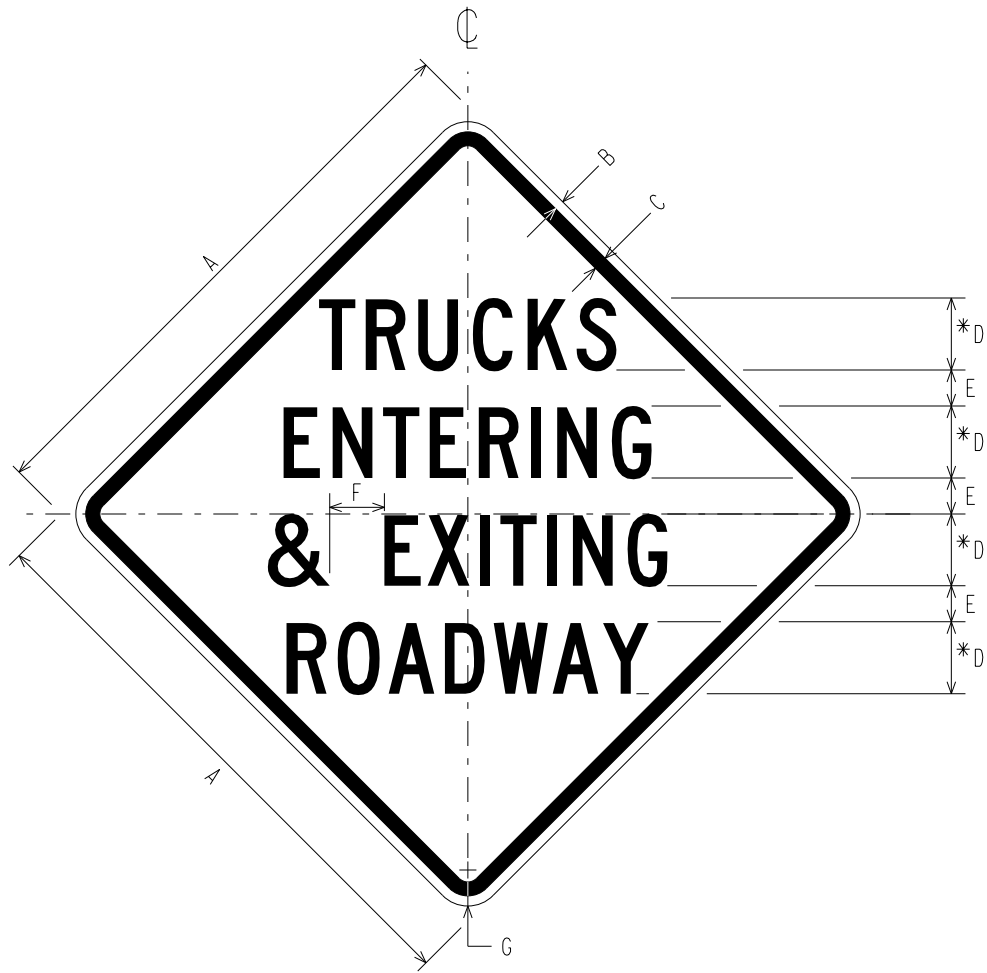
LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - ORANGE (REFL.)
 CENTRALLY LOCATE ALL LEGENDS
 *REDUCE SPACING BETWEEN LETTERS TO 50%



W20-15b
WATCH FOR TRAFFIC BACKUPS BE PREPARED TO STOP

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
CENTRALLY LOCATE ALL LEGENDS



W20-16
TRUCK ENTERING & EXITING ROADWAY

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
MIN	36	.625	.875	5 C	1.5	3.75	2.25
STD.	48	.75	1.25	6 C	3	4.5	3

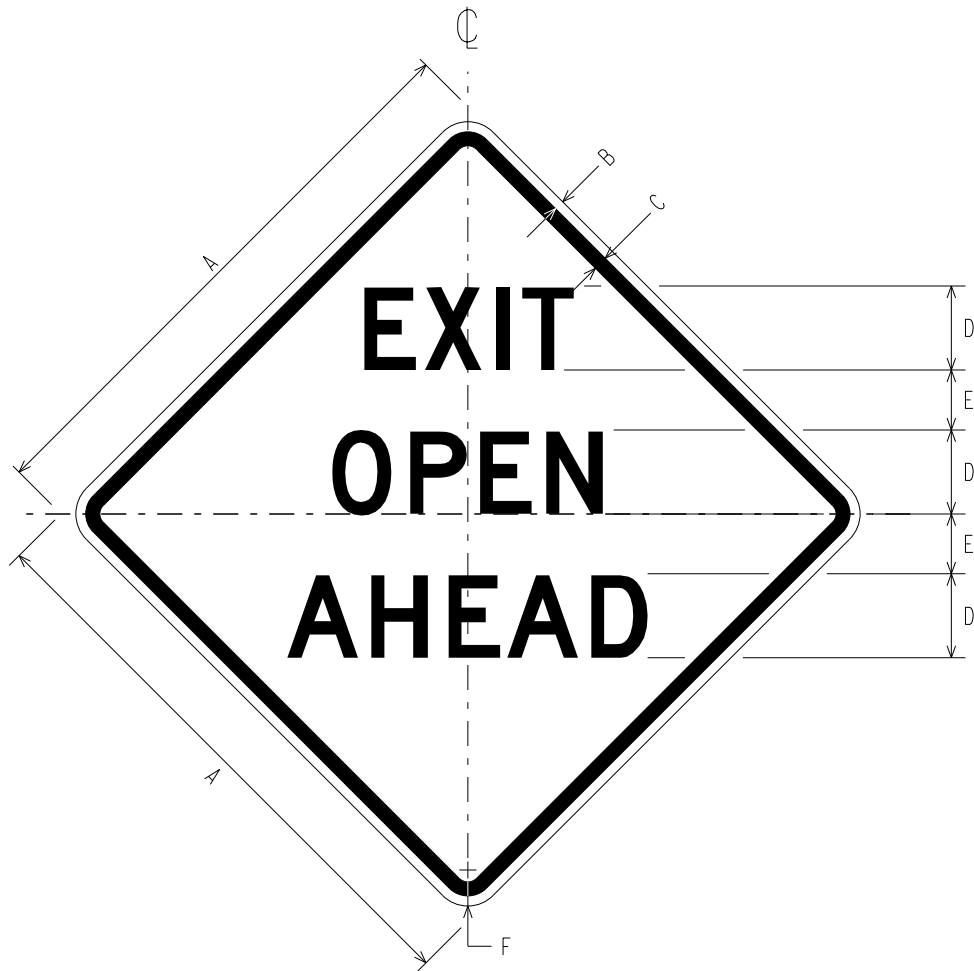
COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - ORANGE (REFL.)

CENTRALLY LOCATE ALL LEGENDS

*REDUCE SPACING BETWEEN LETTERS TO 50% FOR MIN SIZE

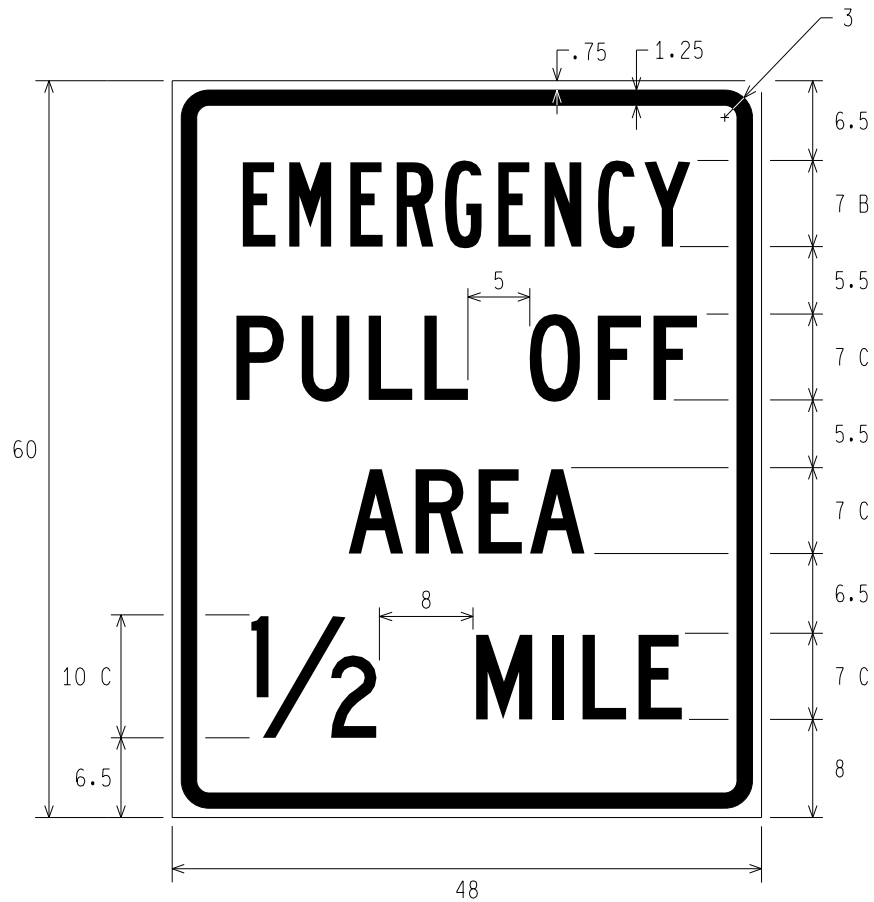


W20-17
EXIT OPEN AHEAD

SIGN	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
MIN	36	.625	.875	5 D	4	2.25
STD.	48	.75	1.25	7 D	5	3

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - ORANGE (REFL.)
 CENTRALLY LOCATE ALL LEGENDS



W20-18
EMERGENCY PULL OFF AREA 1/2 MILE

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
CENTRALLY LOCATE ALL LEGENDS



LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
CENTRALLY LOCATE ALL LEGENDS



W21-1
WORKERS

*Series 2000 Standard Alphabets.

	A	B	C	D	E	F	G
	24	.375	.625	2	4 D	11.788	1.5
	30	.5	.75	2.5	5 D	14.731	1.875
C	36	.625	.875	3	6 D	17.693	2.25
	48	.75	1.25	4	8 D	23.577	3

TTC SIGN COLORS:

LEGEND — BLACK

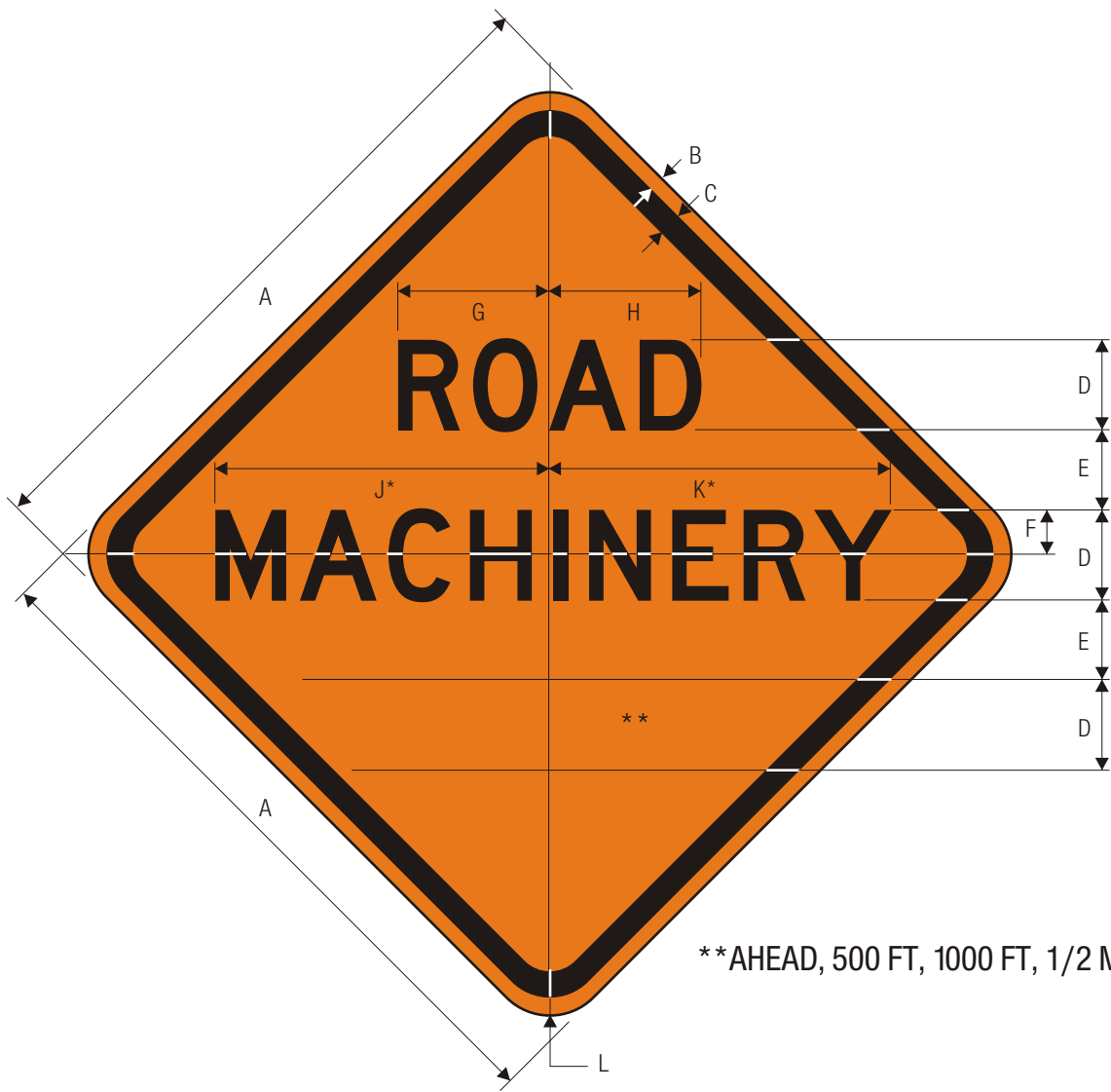
BACKGROUND — ORANGE(RETROREFLECTIVE)



*Series 2000 Standard Alphabets.

	A	B	C	D	E	F	G	H	J	K
	24	.375	.625	5 D	3	9.647	4.863	1.5	6.204	5.564
C	30	.5	.75	6 D	4	11.568	5.824	1.875	7.285	6.845
	36	.625	.875	7 D	5	13.490	6.805	2.25	8.326	8.166
	48	.75	1.25	8 D	6	15.431	7.785	3	10.127	8.726

TTC SIGN COLORS:
 LEGEND — BLACK
 BACKGROUND— ORANGE (RETROREFLECTIVE)



**AHEAD, 500 FT, 1000 FT, 1/2 MILE

W21-3

ROAD MACHINERY

Use Series 2000 Alphabets for 24" size.

*Reduce spacing 40%.

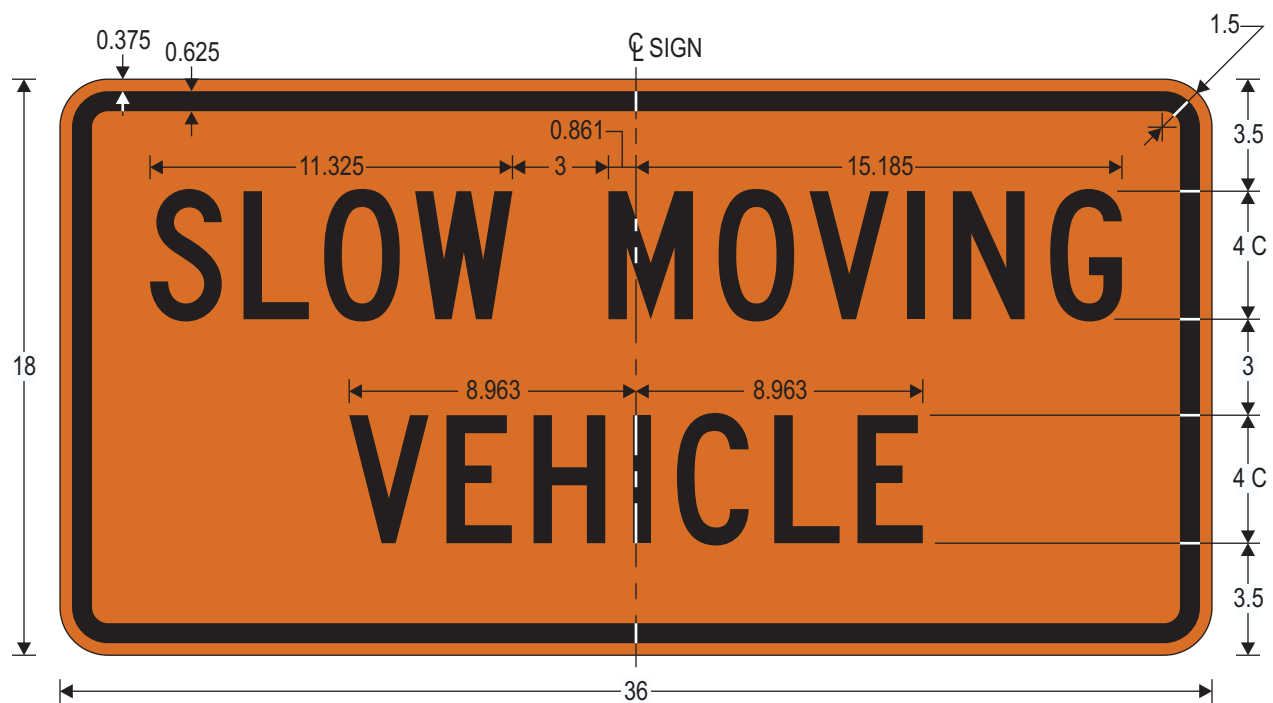
C

A	B	C	D	E	F	G	H	J	K	L
24	.375	.625	3 D	2.5	1.5	5	5	10.875	11.463	1.5
30	.5	.75	4 D	3.5	2	6.75	7	13.5	14	1.875
36	.625	.875	5 D	4	2.5	8.375	8.875	16.813	17.563	2.25
48	.75	1.25	7 D	5	3.5	11.688	12.438	23.625	24.625	3

TTC SIGN COLORS:

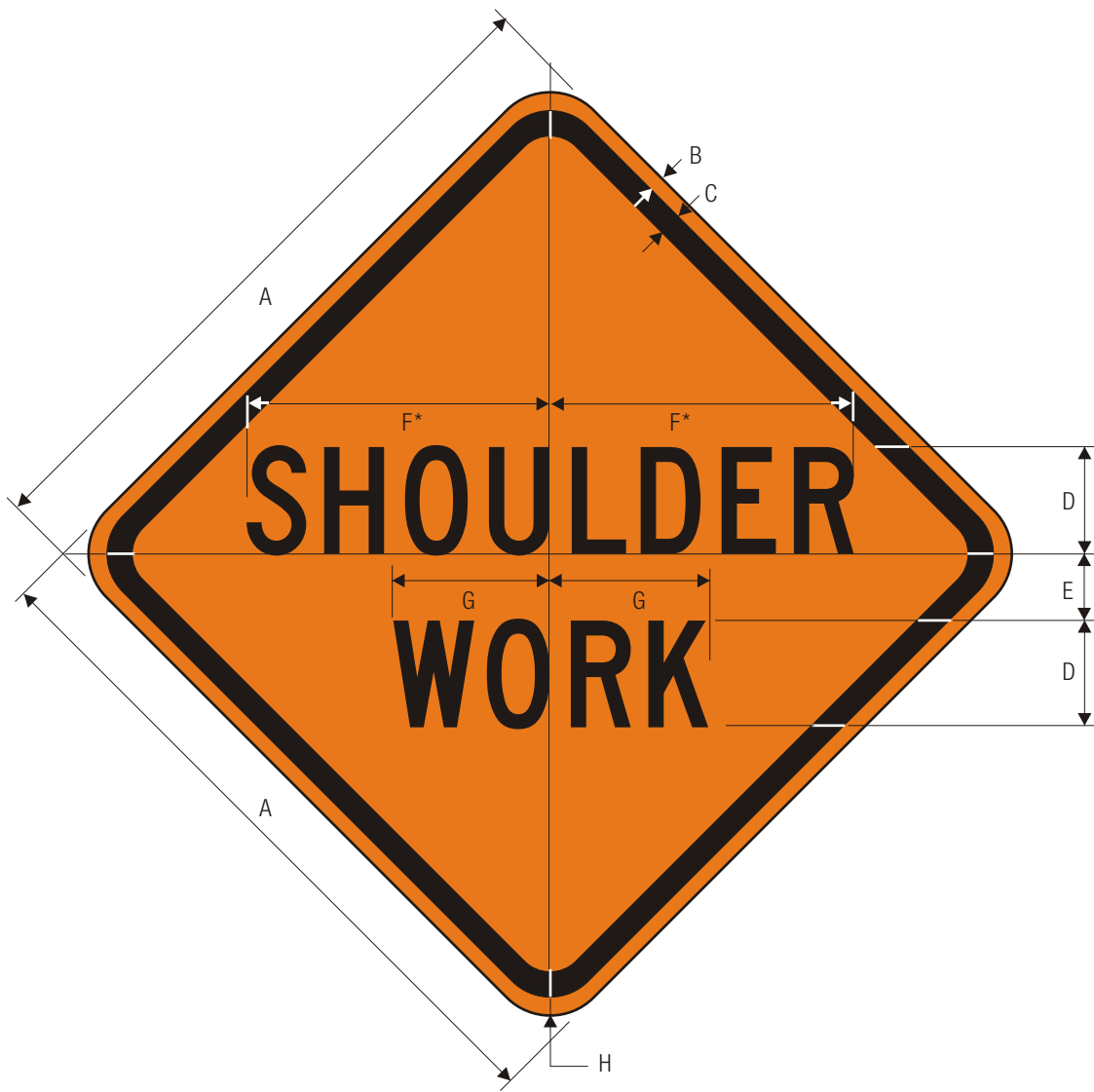
LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W21-4
SLOW MOVING VEHICLE

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W21-5

SHOULDER WORK

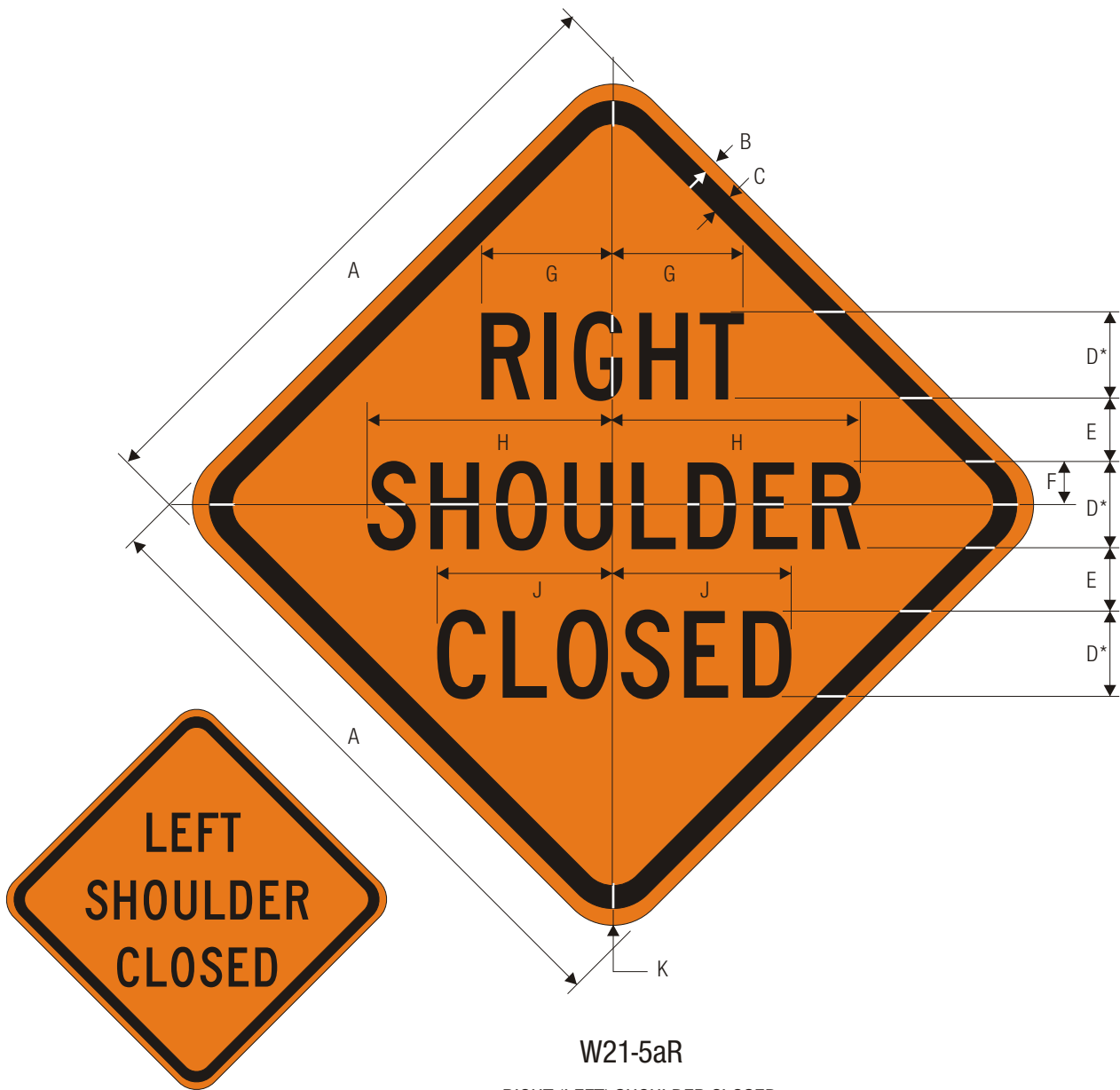
*Reduce spacing 25%.
Use Series 2000 Alphabets for 48" size.

	A	B	C	D	E	F	G	H
	24	.375	.625	4 C	2.5	10.688	6	1.5
C	30	.5	.75	5 C	3	13.375	7.5	1.875
	36	.625	.875	6 C	3.5	16.063	9	2.25
	48	.75	1.25	7 C	5	19.897	10.323	3

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W21-5aL

W21-5aR
RIGHT (LEFT) SHOULDER CLOSED

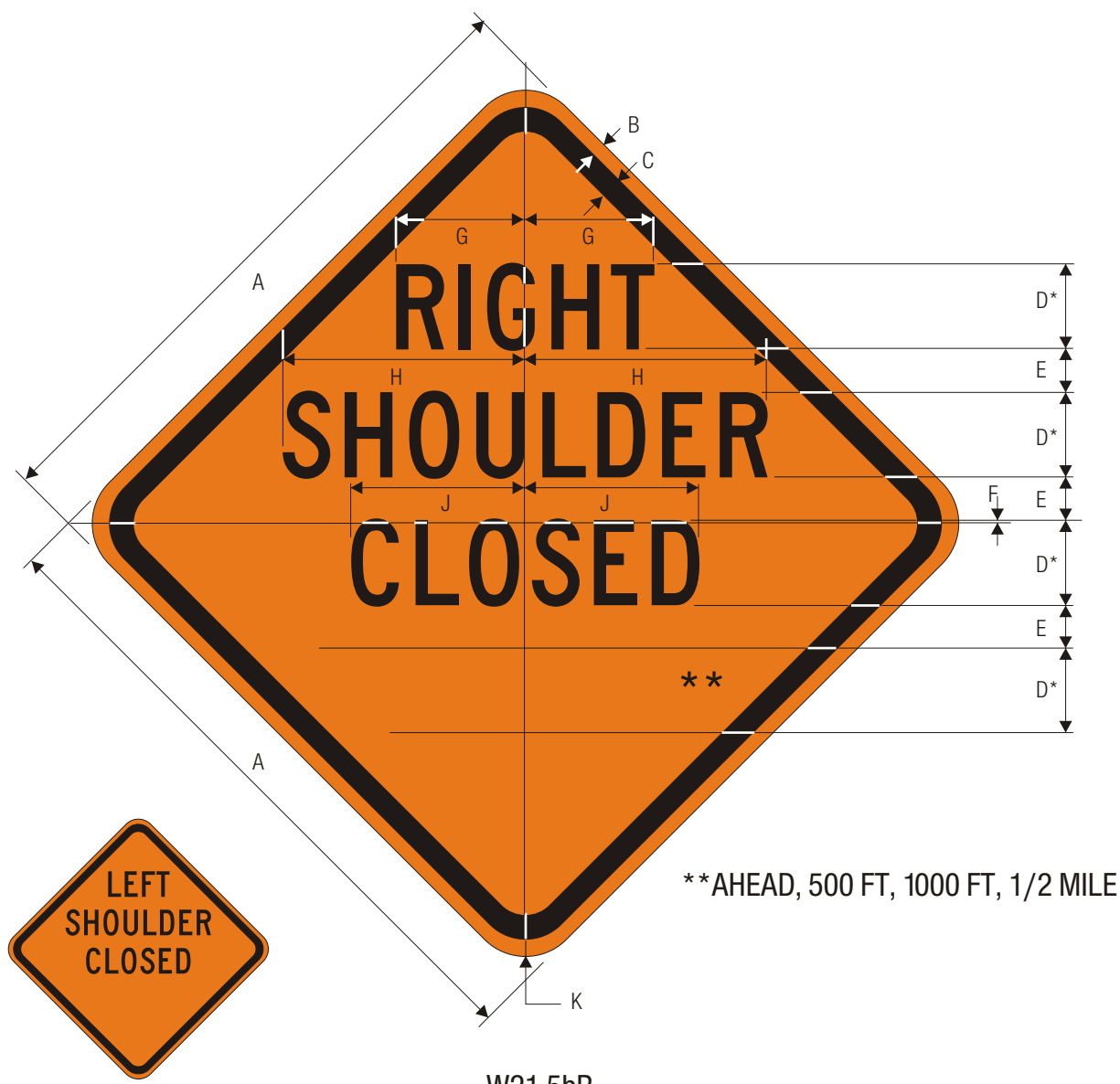
*Series 2000 Standard Alphabets.

	A	B	C	D	E	F	G	H	J	K
	30	.5	.75	4 C	2.75	2	6.025	11.368	8.163	1.875
C	36	.625	.875	5 C	3.682	2.481	7.565	14.230	10.207	2.25
	48	.75	1.25	7 C	4.803	3.482	10.608	19.194	13.790	3
	60	.75	1.25	8 C	5.484	4	12.109	22.757	16.332	3

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)

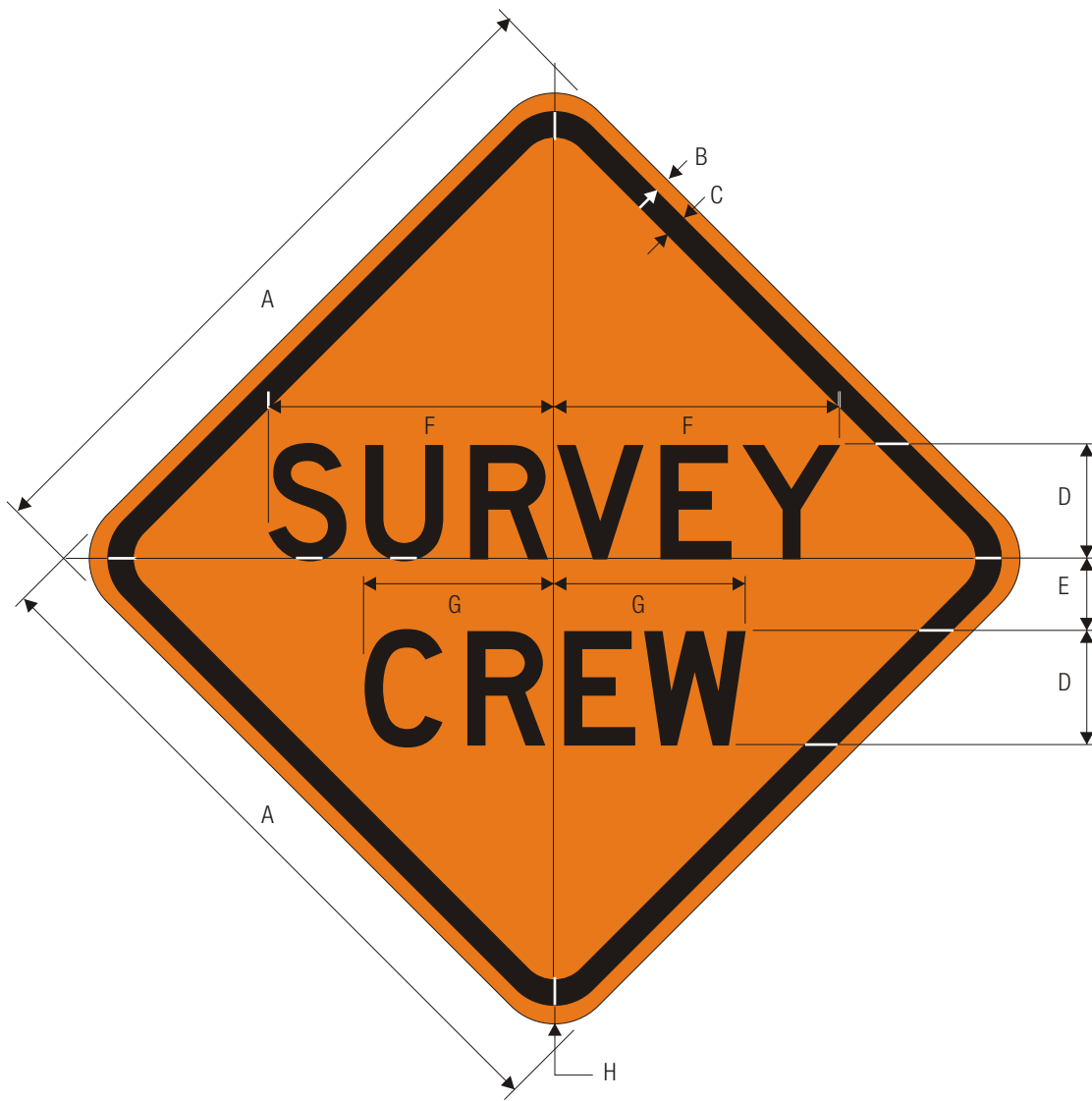


W21-5bL
RIGHT (LEFT) SHOULDER CLOSED

*Series 2000 Standard Alphabets.

	A	B	C	D	E	F	G	H	J	K
C	30	.5	.75	4 C	2	.160	6.064	11.368	8.166	1.875
	36	.625	.875	5 C	2.401	.200	7.565	14.230	10.207	2.25
	48	.75	1.25	6 C	3	.240	9.086	17.072	12.249	3
	60	.75	1.25	8 C	4	.320	12.109	22.757	16.332	3

TTC SIGN COLORS:
 LEGEND — BLACK
 BACKGROUND— ORANGE (RETROREFLECTIVE)



W21-6

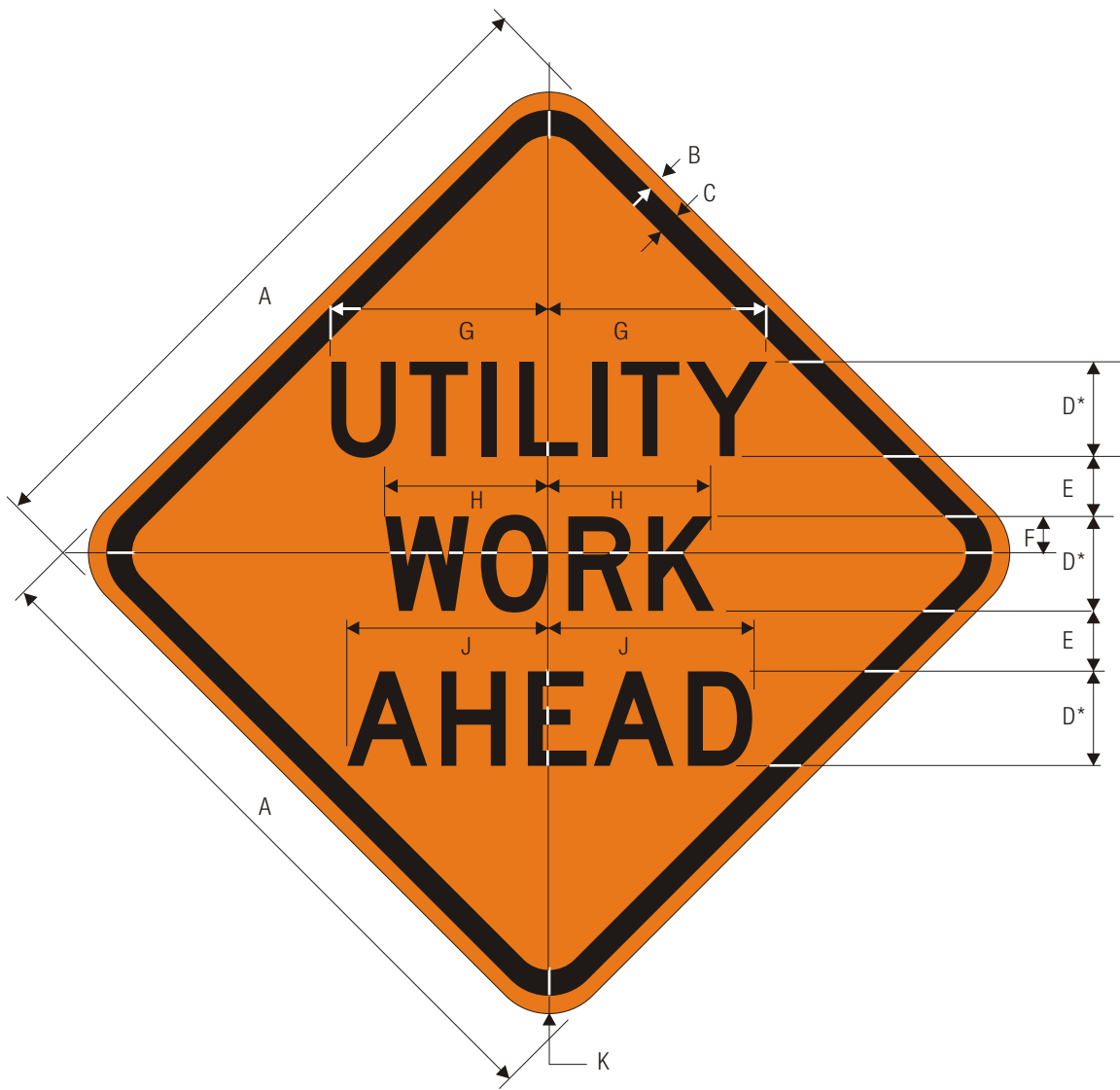
SURVEY CREW

	A	B	C	D	E	F	G	H
	24	.375	.625	4 D	2.5	10.375	6.75	1.5
C	30	.5	.75	5 D	3	13	8.875	1.875
	36	.625	.875	6 D	3.5	15.563	10.125	2.25
	48	.75	1.25	8 D	4.75	19.995	13.330	3

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W21-7
UTILITY WORK AHEAD

*Series 2000 Standard Alphabets.

	A	B	C	D	E	F	G	H	J	K
	30	.5	.75	4 D	2.802	1.601	9.227	6.965	8.586	1.875
C	36	.625	.875	5 D	3.202	2	11.548	8.706	10.728	2.25
	48	.75	1.25	7 D	3.602	2.281	16.172	9.887	14.611	3

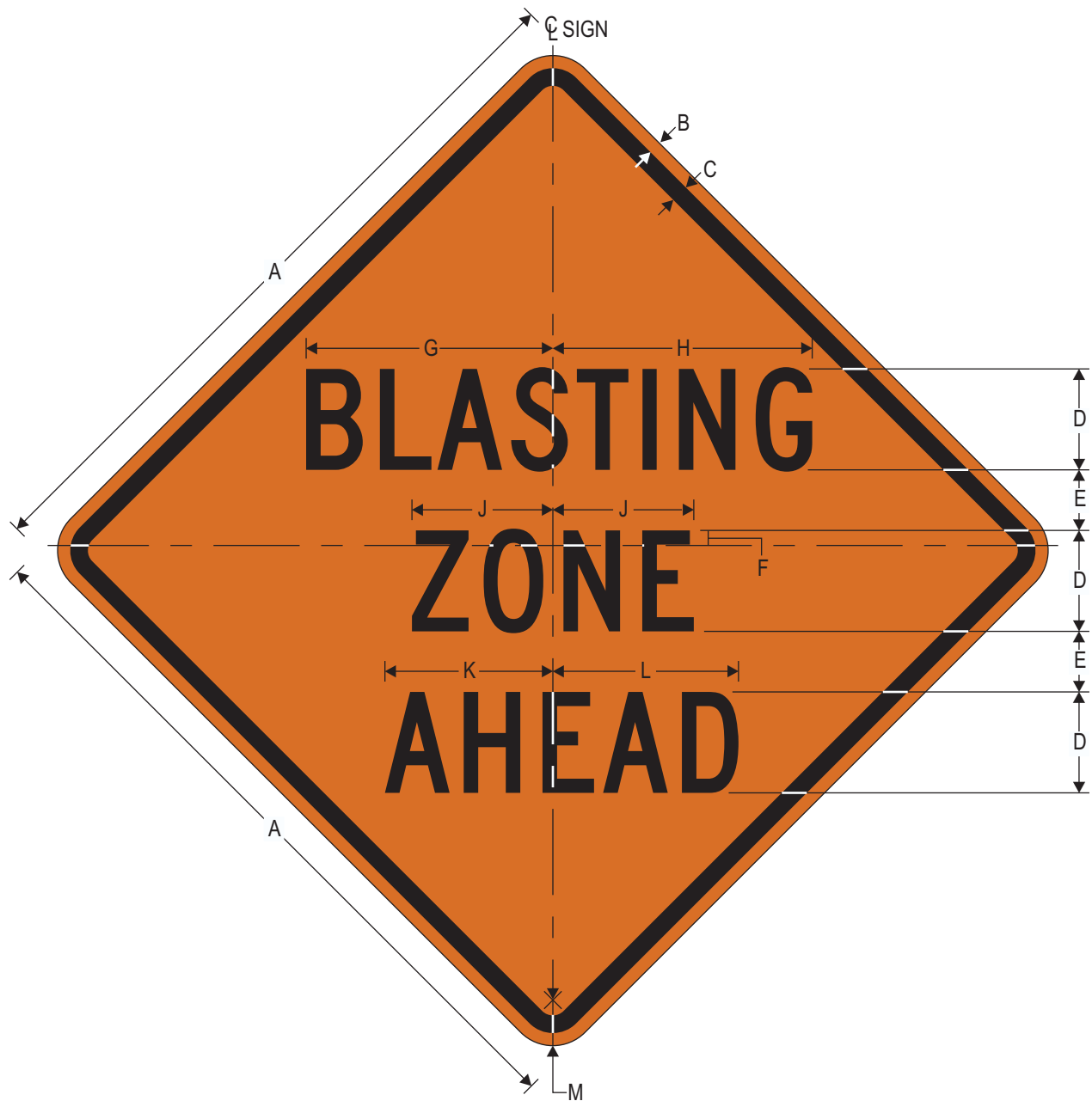
TTC SIGN COLORS:
LEGEND — BLACK
BACKGROUND— ORANGE (RETROREFLECTIVE)



W21-8
MOWING AHEAD

A	B	C	D	E	F	G	H	J	K	L
30	0.5	0.75	5 D	0.875	2.875	11.908	12.407	10.507	11.007	1.875
36	0.625	0.875	6 D	1.25	3.25	14.339	14.839	12.658	13.159	2.25
48	0.75	1.25	8 D	1.5	4.5	18.952	19.952	16.711	17.711	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W22-1
BLASTING ZONE AHEAD

A	B	C	D	E	F	G	H	J	K	L	M
30	0.5	0.75	4 C	2.5	.75	9.774	10.273	5.582	6.753	7.252	1.875
36	0.625	0.875	5 C	3	1	12.217	12.842	6.978	8.316	9.19	2.25
48	0.75	1.25	7 C	4	1.25	17.104	17.978	9.769	11.817	12.692	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W22-2

TURN OFF 2-WAY RADIO AND CELL PHONE

*Series 2000 Standard Alphabets.
 **Reduce spacing to fit.

	A	B	C	D	E	F	G	H	J	K	L	M
C	42	36	.75	1.25	5	7 C	4	4 C	1.5	18.714	13.910	4.223

N	P
13.486	3

TTC SIGN COLORS:
 LEGEND — BLACK
 BACKGROUND— ORANGE (RETROREFLECTIVE)

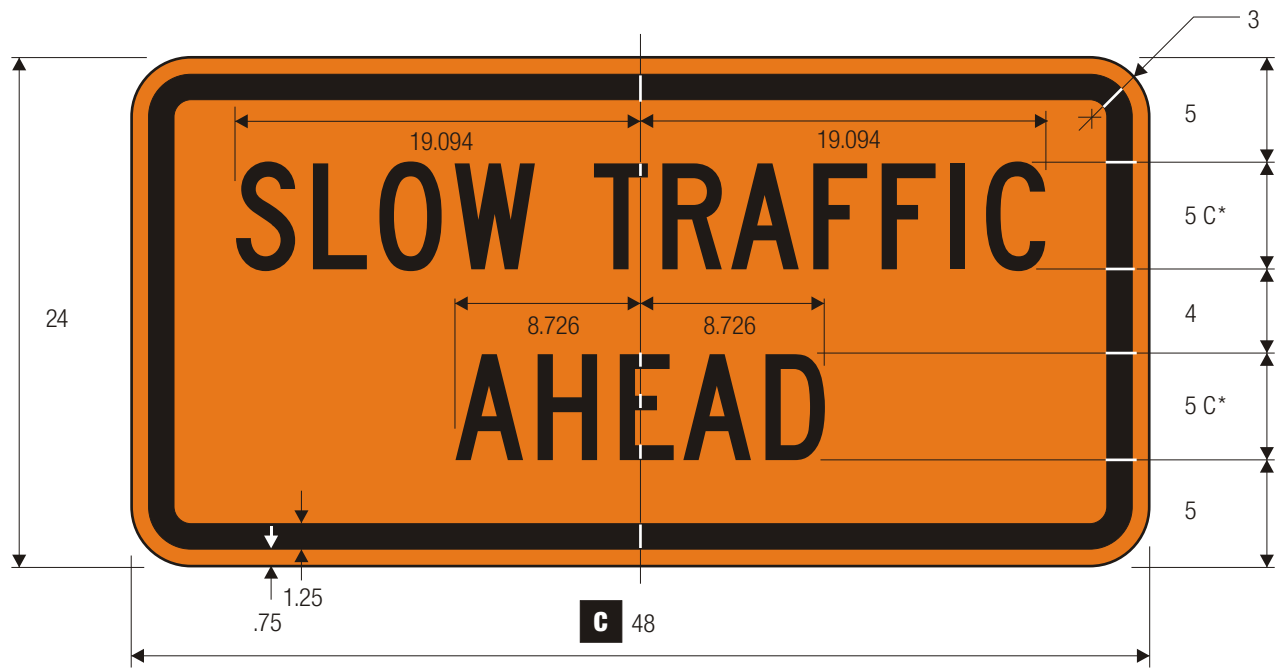


W22-3

END BLASTING ZONE

A	B	C	D	E	F	G	H	J	K	L	M	N
36	30	0.5	0.75	3.25	6 C	2.75	5.813	6.313	14.848	15.223	8.373	1.875
42	36	0.625	0.875	4.25	7 C	3.25	6.729	7.416	17.291	17.79	9.769	2.25

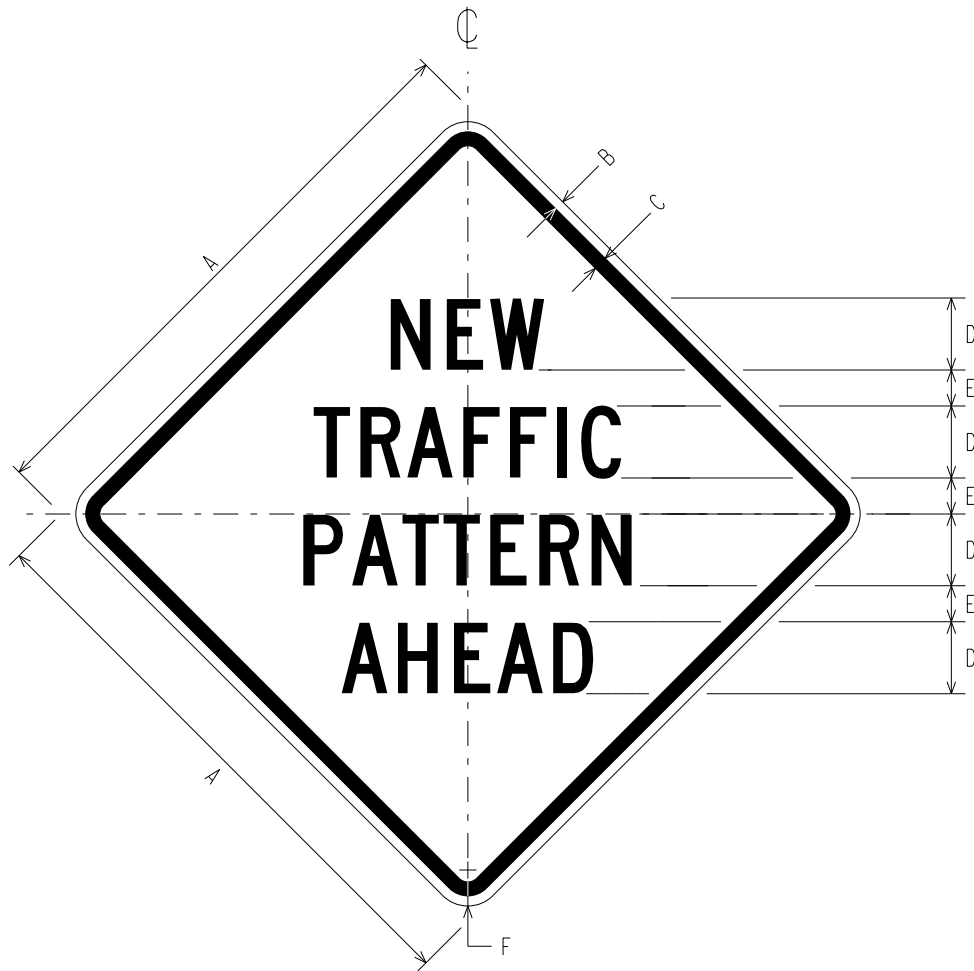
COLORS: LEGEND, BORDER — BLACK
 BACKGROUND — ORANGE (RETROREFLECTIVE)



W23-1
SLOW TRAFFIC AHEAD

*Series 2000 Standard Alphabets.

TTC SIGN COLORS:
LEGEND — BLACK
BACKGROUND— ORANGE (RETROREFLECTIVE)

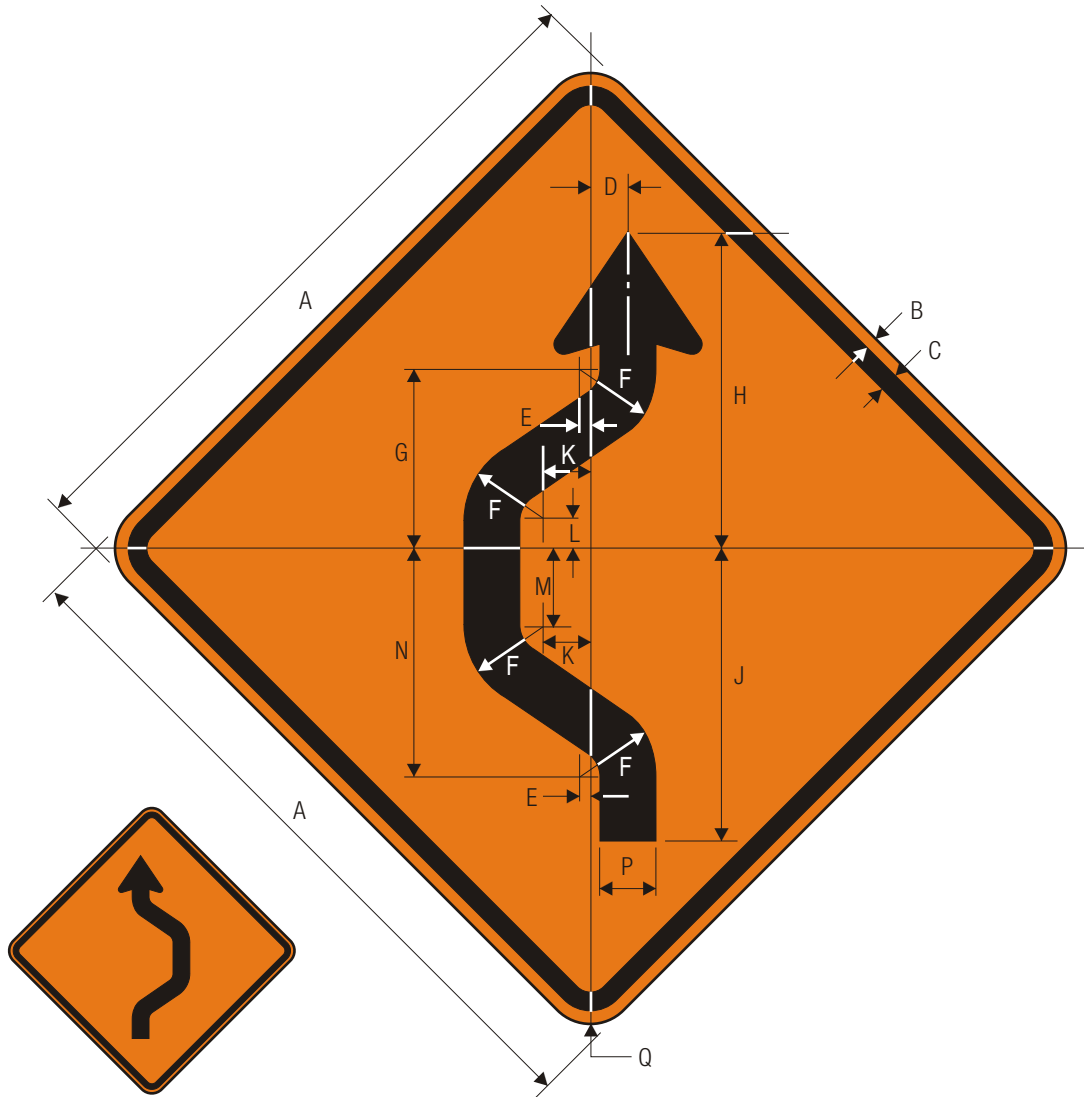


W23-2
TRUCK ENTERING & EXITING ROADWAY

SIGN	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
MIN	36	.625	.875	5 C	3	2.25
STD.	48	.75	1.25	6 C	3	3

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - ORANGE (REFL.)
 CENTRALLY LOCATE ALL LEGENDS



W24-1R

DOUBLE REVERSE CURVE (1 LANE)

W24-1L

DOUBLE REVERSE CURVE (1 LANE)

*See page 6-2 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M
30	.5	.75	1.601	.280	3.082	7.405	13.570	12.569	2.361	1.481	3.522
36	.625	.875	1.921	.336	3.698	8.886	16.284	15.082	2.833	1.777	4.226
48	.75	1.25	2.561	.448	4.931	11.848	21.712	20.110	3.777	2.369	5.635

C

N	P	Q
9.487	2.401	1.875
11.384	2.881	2.25
15.179	3.841	3

TTC SIGN COLORS:

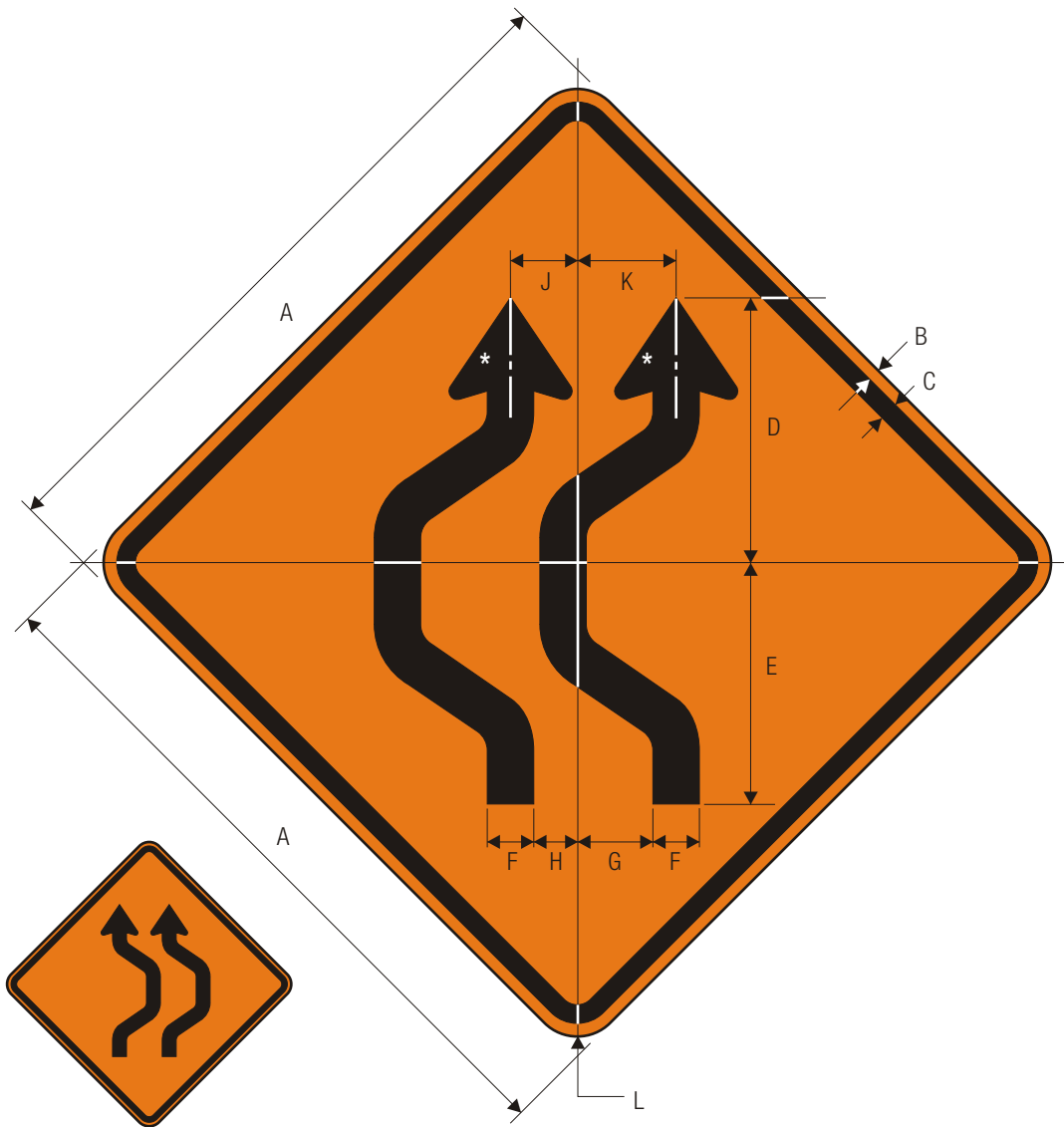
SYMBOL — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)

WARNING SIGN COLORS:

SYMBOL - BLACK

BACKGROUND - YELLOW (RETROREFLECTIVE)



W24-1aR

DOUBLE REVERSE CURVE (2 LANES)

W24-1aL

DOUBLE REVERSE CURVE (2 LANES)

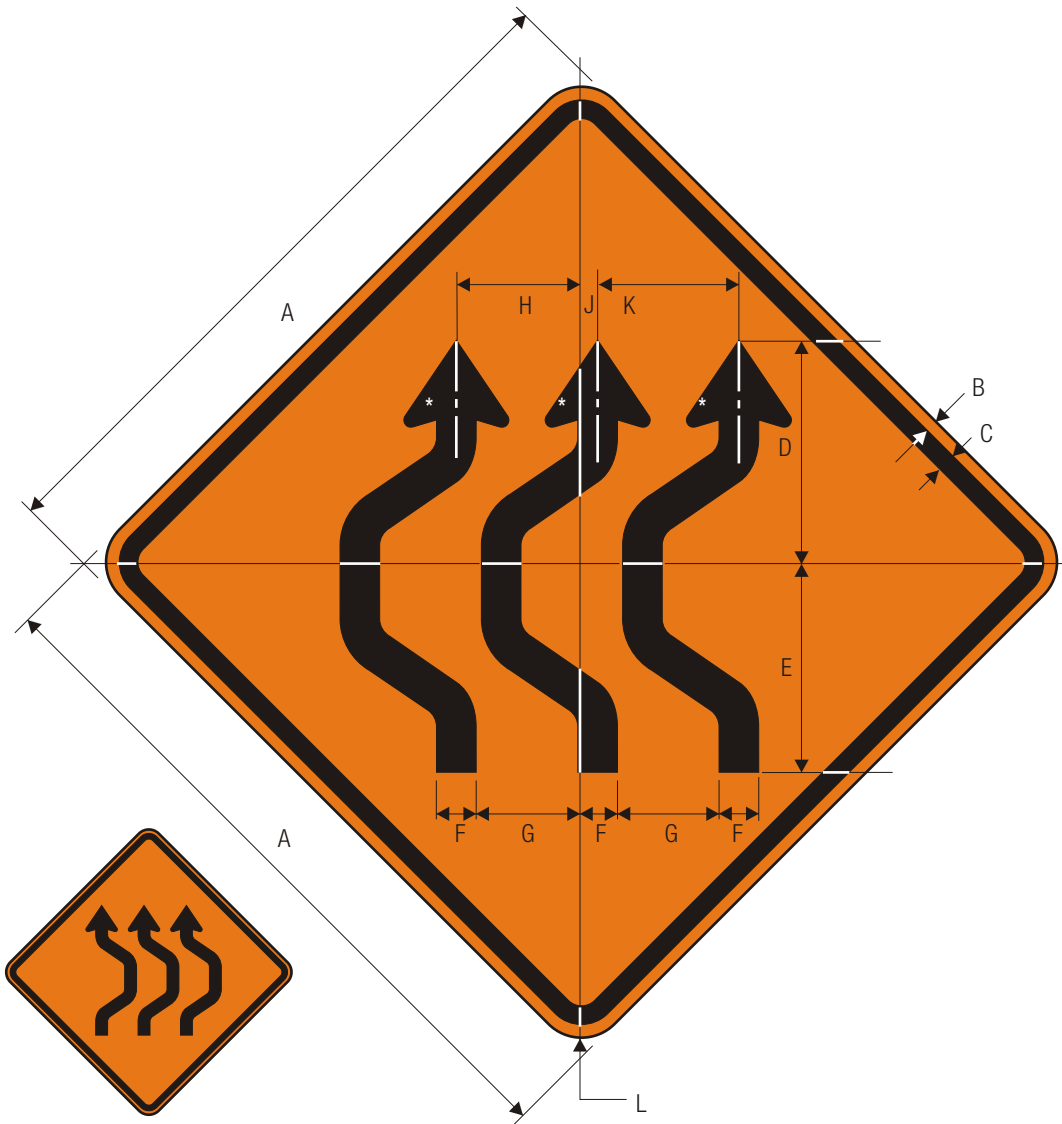
*Reduce arrow from W24-1 15%.

	A	B	C	D	E	F	G	H	J	K	L
	30	.5	.75	11.534	10.683	2	3.242	1.881	2.901	4.261	1.875
C	36	.625	.875	13.801	12.819	2.4	3.882	2.241	3.465	5.105	2.25
	48	.75	1.25	18.455	17.093	3.25	5.202	3.042	4.677	6.834	3

TTC SIGN COLORS:

SYMBOL — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W24-1bR

DOUBLE REVERSE CURVE (3 LANES)

W24-1bL

DOUBLE REVERSE CURVE (3 LANES)

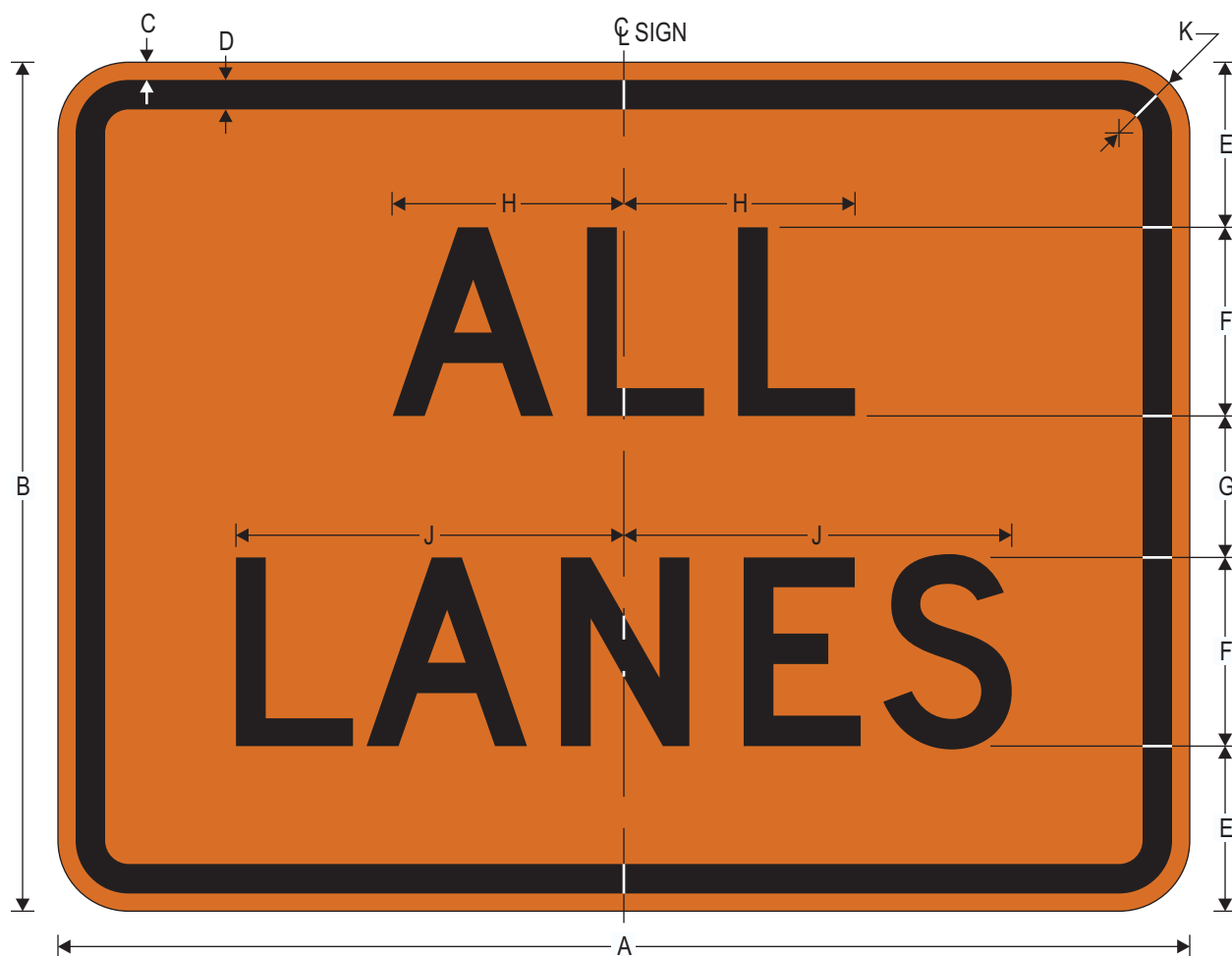
*Reduce arrow from W24-1 30%.

	A	B	C	D	E	F	G	H	J	K	L
	30	.5	.75	9.487	8.806	1.681	4.723	5.564	.840	6.404	1.875
C	36	.625	.875	11.408	10.568	2	5.684	6.685	1	7.685	2.25
	48	.75	1.25	15.171	14.050	2.682	7.525	8.846	1.321	10.207	3

TTC SIGN COLORS:

SYMBOL — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W24-1cP
ALL LANES (PLAQUE)

- * Increase character spacing 20%.
** Increase character spacing 50%.

A	B	C	D	E	F	G	H	J	K
24	18	0.375	0.625	3.5	4D*	3	4.902	8.225	1.5
30	24	0.375	0.625	4.125	6C**	3.75	6.243	10.774	1.5

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W25-1

ONCOMING TRAFFIC HAS EXTENDED GREEN

*Series 2000 Standard Alphabets.

COLORS: LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

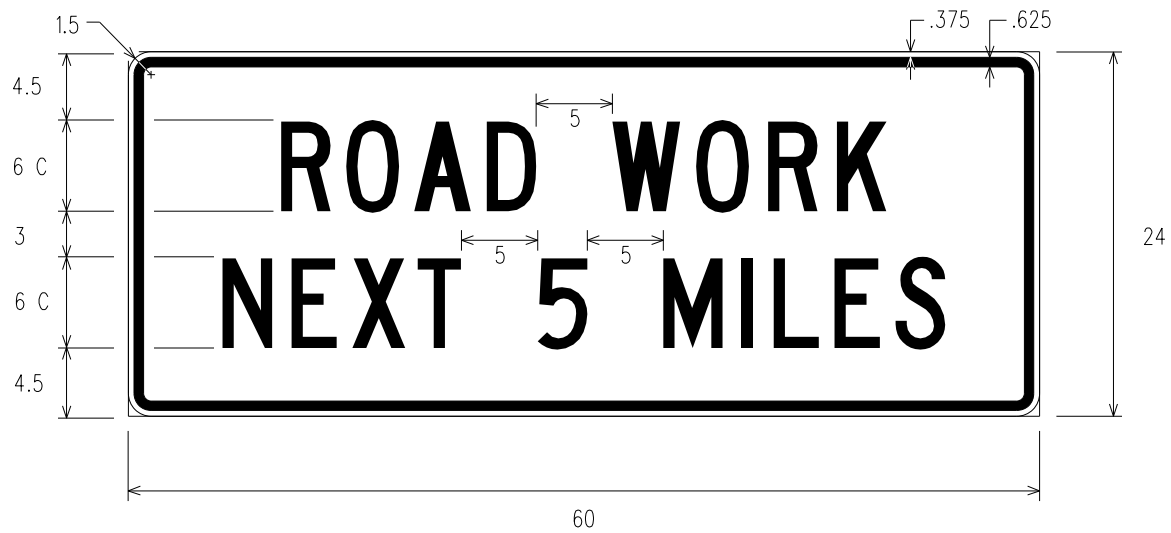


W25-2

ONCOMING TRAFFIC MAY HAVE EXTENDED GREEN

*Series 2000 Standard Alphabets.

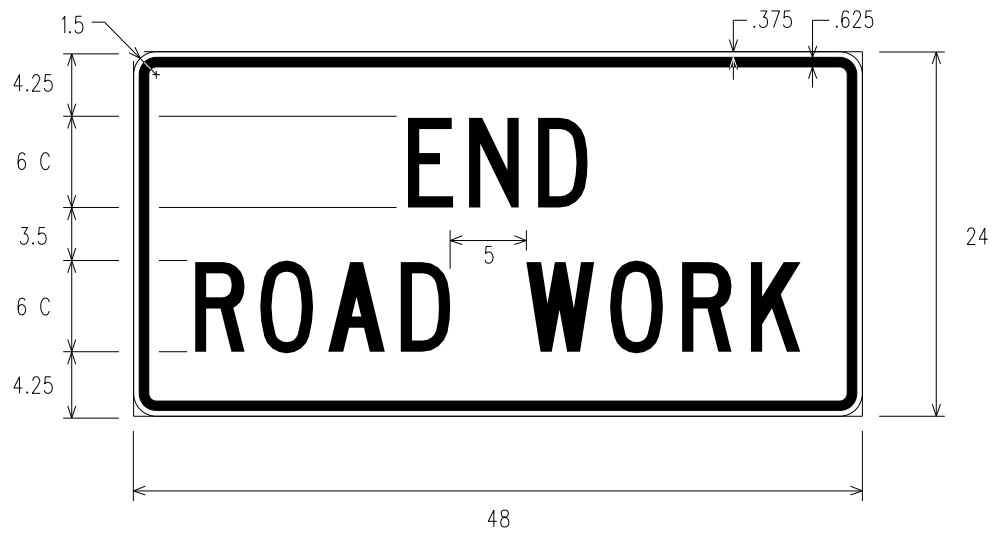
COLORS: LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



G20-1
ROAD WORK NEXT X MILES

COLORS

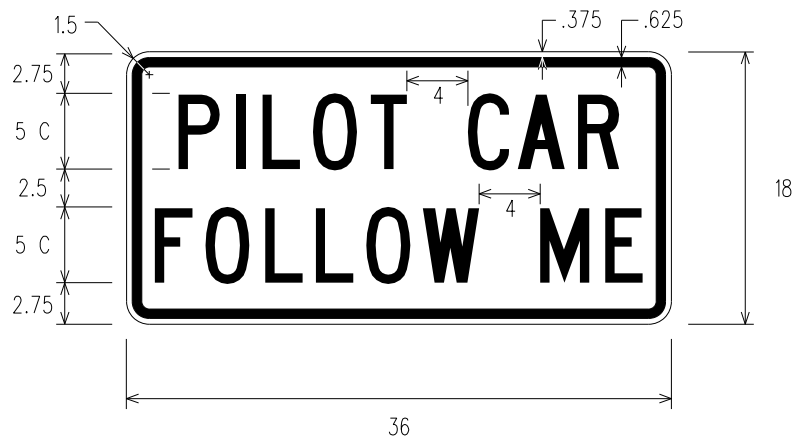
LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - ORANGE (REFL.)
 CENTRALLY LOCATE ALL LEGENDS



G20-2
END ROAD WORK

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
CENTRALLY LOCATE ALL LEGENDS



G20-4
PILOT CAR FOLLOW ME

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
CENTRALLY LOCATE ALL LEGENDS