

Standard Highway Signs - 2024 Edition

Including: Standard Alphabets, Pavement Markings and Traffic Signals

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E1-2	Advance Guide (2 destinations).....	Under Development
E1-3	Advance Guide (3 destinations).....	Under Development
E1-5aP	Exit Number (3 digits) (plaque).....	Under Development
E1-5bP	Exit Number (1, 2 digits with single-letter suffix) (plaque).....	Under Development
E1-5cP	Exit Number (3 digits with single-letter suffix) (plaque)	Under Development
E1-5dP	Exit Number (1, 2 digits with dual-letter suffix) (plaque)	Under Development
E1-5eP	Exit Number (3 digits with dual-letter suffix) (plaque)	Under Development
E1-5fP	Left Exit Number (1, 2 digits) (plaque)	Under Development
E1-5gP	Left Exit Number (3 digits) (plaque)	Under Development
E1-5hP	Left Exit Number (1, 2 digits with single-letter suffix) (plaque).....	Under Development
E1-5iP	Left Exit Number (3 digits with single-letter suffix) (plaque).....	Under Development
E1-5jP	Left Exit Number (1, 2 digits with dual-letter suffix) (plaque).....	Under Development
E1-5kP	Left Exit Number (3 digits with dual-letter suffix) (plaque)	Under Development
E1-5mP	Left (plaque)	Under Development
E1-5P	Exit Number (1, 2 digits) (plaque).....	Under Development
E2-1aP	Next Exit (2 lines) (plaque)	Under Development
E2-1P	Next Exit (1 line) (plaque)	Under Development
E3-1	Supplemental (1 destination)	Under Development
E3-2	Supplemental (2 destinations).....	Under Development
E4-1	Exit Direction (1 destination)	Under Development
E4-2	Exit Direction (2 destinations).....	Under Development
E4-3	Exit Direction (3 destinations).....	Under Development
E5-1	Exit Gore (no exit number).....	Under Development
E5-1a	Exit Gore (1, 2 digits)	Under Development
E5-1bP	Exit Number (plaque) (1, 2 digits).....	Under Development
E5-1c	Narrow Exit Gore.....	Under Development
E6-1	Pull-Through.....	Under Development
E6-1a	Pull-Through (Destination).....	Under Development
E6-2	Pull-Through (Down Arrows).....	Under Development
E6-2a	Pull-Through (Destination, Down Arrows)	Under Development
E7-1	Post-Interchange Distance	Under Development
E7-2	Post-Interchange Distance	Under Development
E7-3	Post-Interchange Distance	Under Development
E7-4	Post-Interchange Travel Time.....	Under Development
E7-5	Distance and Travel Time	Under Development
E7-6	Comparative Travel Time	Under Development
E8-1	Preferential Lane Entrance Gore.....	Under Development
E8-1a	Preferential Lane Intermediate Entrance Gore	Under Development
E8-2	Preferential Lane Entrance Direction (overhead)	Under Development
E8-2a	Preferential Lane Entrance Direction (post-mounted).....	Under Development
E8-3	Preferential Lane Entrance Advance.....	Under Development
E8-4	Preferential Lane Direct Exit Gore	Under Development
E8-5	Preferential Lane Intermediate Egress Direction	Under Development
E8-6	Preferential Lane Intermediate Egress Advance	Under Development
E9-1	Interchange Sequence (2 interchanges)	Under Development
E9-2	Interchange Sequence (3 interchanges)	Under Development
E9-3	Next Exits (1 destination)	Under Development
E9-3a	Next Exits (2 destinations).....	Under Development
E9-4	Community Interchanges (2 interchanges)	Under Development
E9-5	Community Interchanges (3 interchanges)	Under Development
E11-1	Exit Only (with Down arrow).....	Under Development

E11-1a	Exit.....	Under Development
E11-1b	Only	Under Development
E11-1c	Exit Only.....	Under Development
E11-1d	Exit Only (with Directional arrow).....	Under Development
E11-1e	Exit Only (with two Directional arrows)	Under Development
E11-1f	Exit Only (with two Down arrows)	Under Development
E11-2	Left (panel)	Under Development
E13-2	Exit Direction Advisory Speed - Ramp (panel)	Under Development
EM1-1a	Evacuation Route - Hurricane.....	Under Development
EM1-1	Evacuation Route.....	Under Development
EM1-2	Evacuation Route - Tsunami	Under Development
EM2-1	Area Closed	Under Development
EM2-2	Traffic Control Point.....	Under Development
EM2-3	Maintain Top Safe Speed.....	Under Development
EM2-4	Permit Required	Under Development
EM3-1	Emergency Aid Center - Medical	Under Development
EM3-1a	Emergency Aid Center - Welfare	Under Development
EM3-1b	Emergency Aid Center - Registration	Under Development
EM3-1c	Emergency Aid Center - Decontamination	Under Development
EM4-1	Shelter Directional - Emergency.....	Under Development
EM4-1a	Shelter Directional - Hurricane.....	Under Development
EM4-1b	Shelter Directional - Fallout	Under Development
EM4-1c	Shelter Directional - Chemical	Under Development

Temporary Traffic Control Signs

R1-7	Wait on Stop.....	5-1
R1-7a	Wait on Stop - Go on Slow	5-2
R1-8	Go on Slow	5-3
R2-12	End Work Zone Speed Limit	5-4
R4-9a	Stay in Lane to Merge Point	5-5
R9-8	Pedestrian Crosswalk.....	5-6
R9-9	Sidewalk Closed	5-7
R9-10	Sidewalk Closed, Use Other Side	5-8
R9-11	Sidewalk Closed Ahead, Cross Here	5-9
R9-11a	Sidewalk Closed, Cross Here.....	5-10
R9-12	Bike Lane Closed.....	5-11
R22-2	Turn Off 2-Way Radio and Cell Phone	5-12
W1-4b	Reverse Curve (2 lanes).....	5-13
W1-4c	Reverse Curve (3 lanes).....	5-14
W6-4	Narrow Two-Way Traffic.....	5-15
W8-24	Steel Plate Ahead	5-16
W9-2a	Merge Here Take Turns.....	5-17
W9-3	Interior Lane Shift Ahead	5-18
W13-4P	On Ramp (plaque).....	5-19
W20-1	Road Work (with distance)	5-20
W20-1b	Path Work (with distance).....	5-21
W20-2	Detour (with distance)	5-22
W20-2a	Bike Detour (with distance).....	5-23
W20-3	Road Closed (with distance)	5-24
W20-3a	Path Closed (with distance)	5-25
W20-4	One Lane Road (with distance)	5-26
W20-5	Lane Closed (with distance)	5-27

W20-5a	2 Lanes Closed (with distance).....	5-28
W20-5b	Bike Lane Closed (with distance).....	5-29
W20-7	Flagger	5-30
W20-7a	Flagger	5-31
W20-8	Slow and Stop (on Stop/Slow Paddle).....	5-32
W21-1	Workers	5-33
W21-1a	Workers	5-34
W21-2	Fresh Oil	5-35
W21-3	Road Machinery Ahead	5-36
W21-4	Slow Moving Vehicle.....	5-37
W21-5	Shoulder Work	5-38
W21-5a	Shoulder Closed	5-39
W21-5b	Shoulder Closed (with distance).....	5-40
W21-6	Survey Crew	5-41
W21-7	Utility Work (with distance)	5-42
W21-8	Mowing Ahead.....	5-43
W22-1	Blasting Zone Ahead.....	5-44
W22-3	End Blasting Zone	5-45
W23-1	Slow Traffic Ahead	5-46
W24-1	Double Reverse Curve (1 lane).....	5-47
W24-1a	Double Reverse Curve (2 lanes)	5-48
W24-1b	Double Reverse Curve (3 lanes)	5-49
W24-1cP	All Lanes (plaque)	5-50
E5-2	Exit Open	5-51
E5-2a	Exit Closed.....	5-52
E5-3	Exit Only.....	5-53
G20-1	Road Work Next XX Miles.....	5-54
G20-2	End Road Work.....	5-55
G20-4	Pilot Car Follow Me	5-56
G20-5aP	Work Zone (plaque)	5-57
M4-8P	Detour	5-58
M4-8a	End Detour.....	5-59
M4-8bP	End (plaque).....	5-60
M4-9	Detour	5-61
M4-9a	Bicyclist/Pedestrian Detour	5-62
M4-9b	Pedestrian Detour.....	5-63
M4-9c	Bicyclist Detour (with arrow).....	5-64
M4-10	Detour	5-65

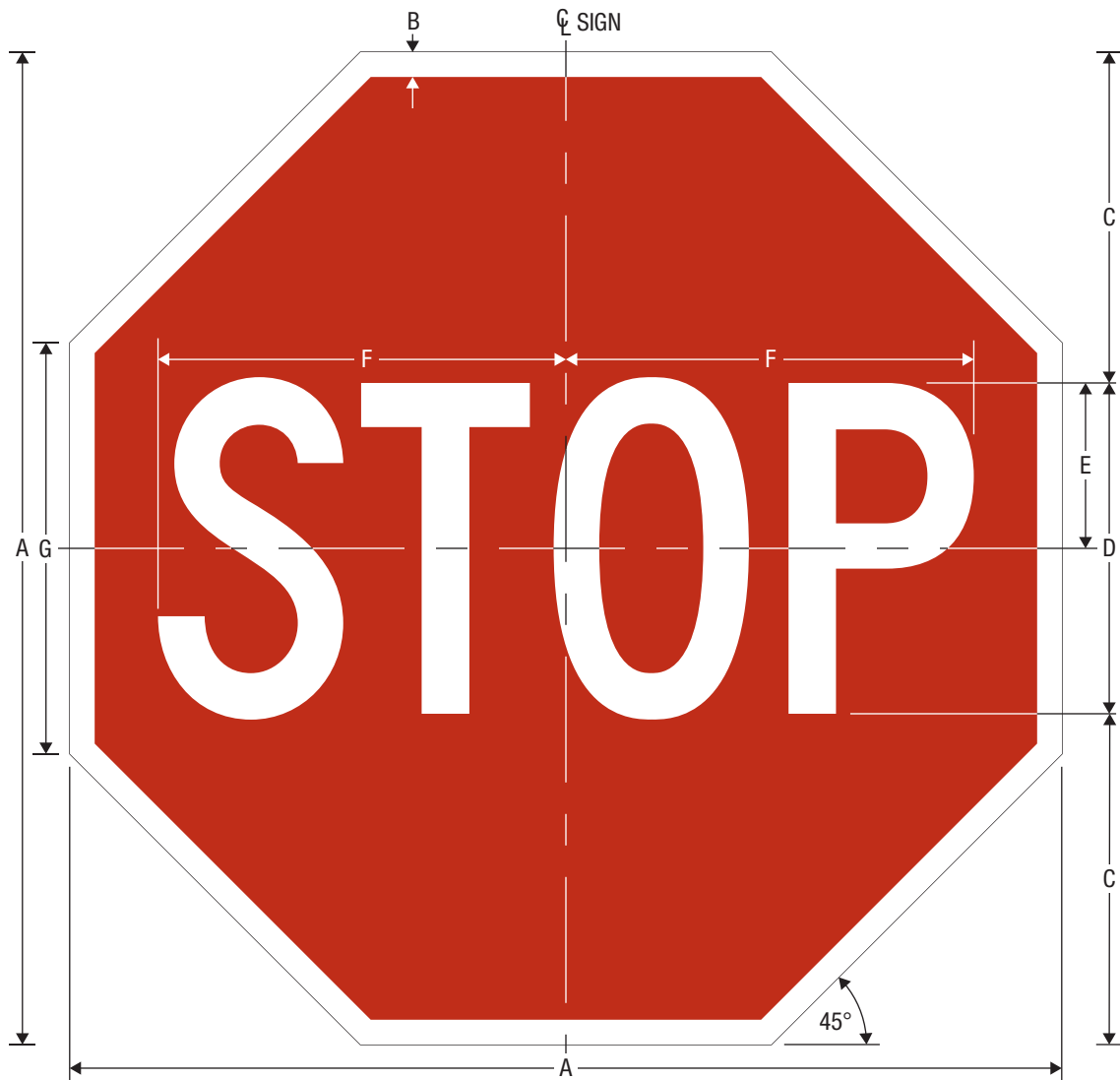
School Signs

S1-1	School	6-1
S3-1	School Bus Stop Ahead.....	6-2
S3-2	School Bus Turn Ahead	6-3
S4-1P	Time of Day (plaque) X:XX to X:XX AM X:XX to X:XX PM.....	6-4
S4-2P	When Children Are Present (plaque).....	6-5
S4-3P	School (plaque).....	6-6
S4-4P	When Flashing (plaque).....	6-7
S4-5	Reduced School Speed Limit Ahead.....	6-8
S4-5a	Reduced School Speed Limit Ahead.....	6-9
S4-6P	Days of Week (plaque) Mon-Fri	6-10
S4-7P	All Year (plaque).....	6-11
S5-1	School Speed Limit XX When Flashing.....	6-12

S5-2	End School Zone.....	6-13
S5-3	End School Speed Limit	6-14
R1-5a	Yield Here to School Crossing.....	6-15
R1-5c	Stop Here for School Crossing	6-16
R1-6b	In-Street School Crossing - Yield	6-17
R1-6c	In-Street School Crossing - Stop	6-18
R1-9b	Overhead School Crossing - Yield.....	6-19
R1-9c	Overhead School Crossing - Stop.....	6-20

Standard Arrows

Standard Arrows -		
Overhead Arrow-per-Lane.....		7-10

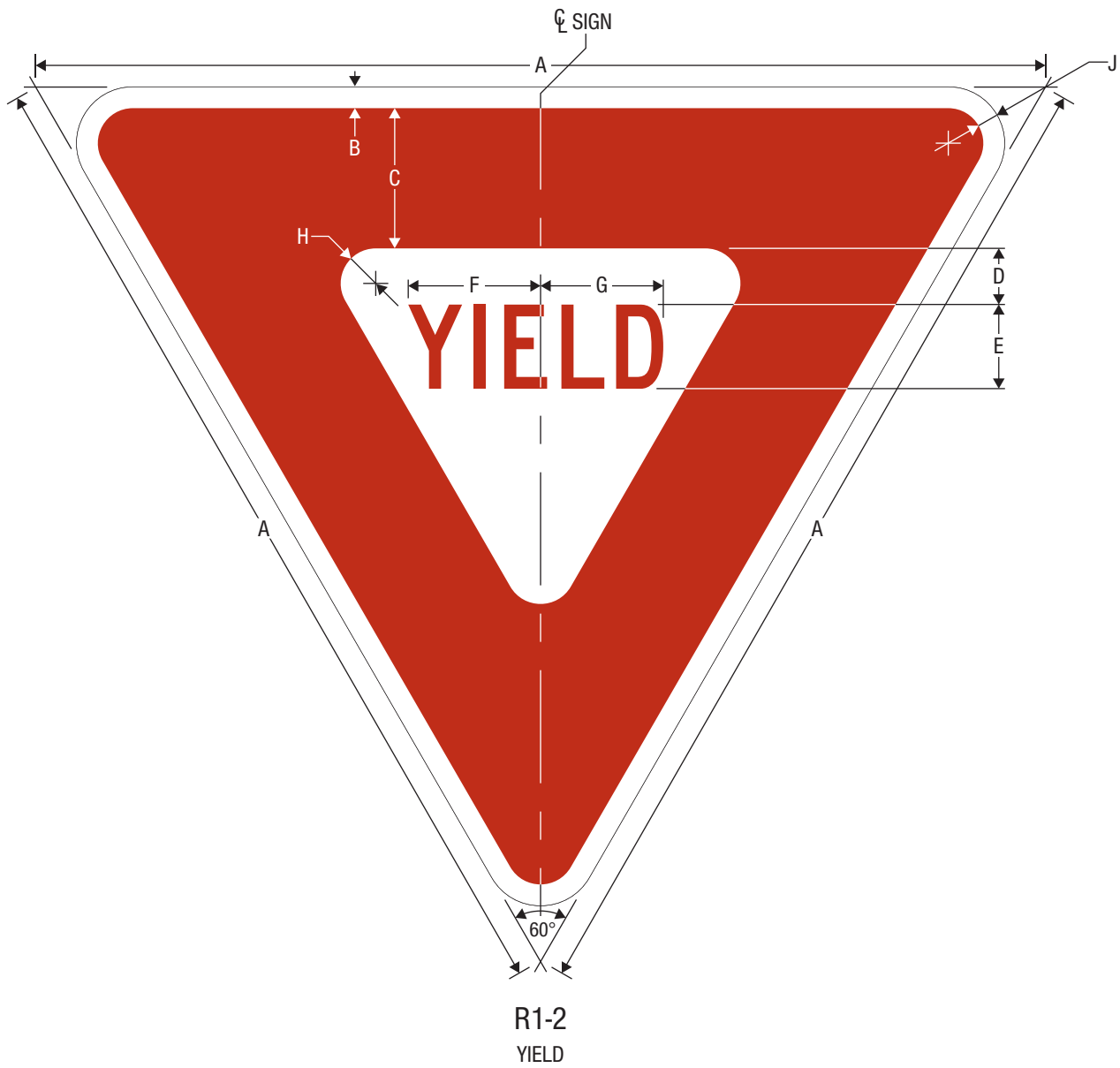


R1-1
STOP

* Reduce Spacing 40%.

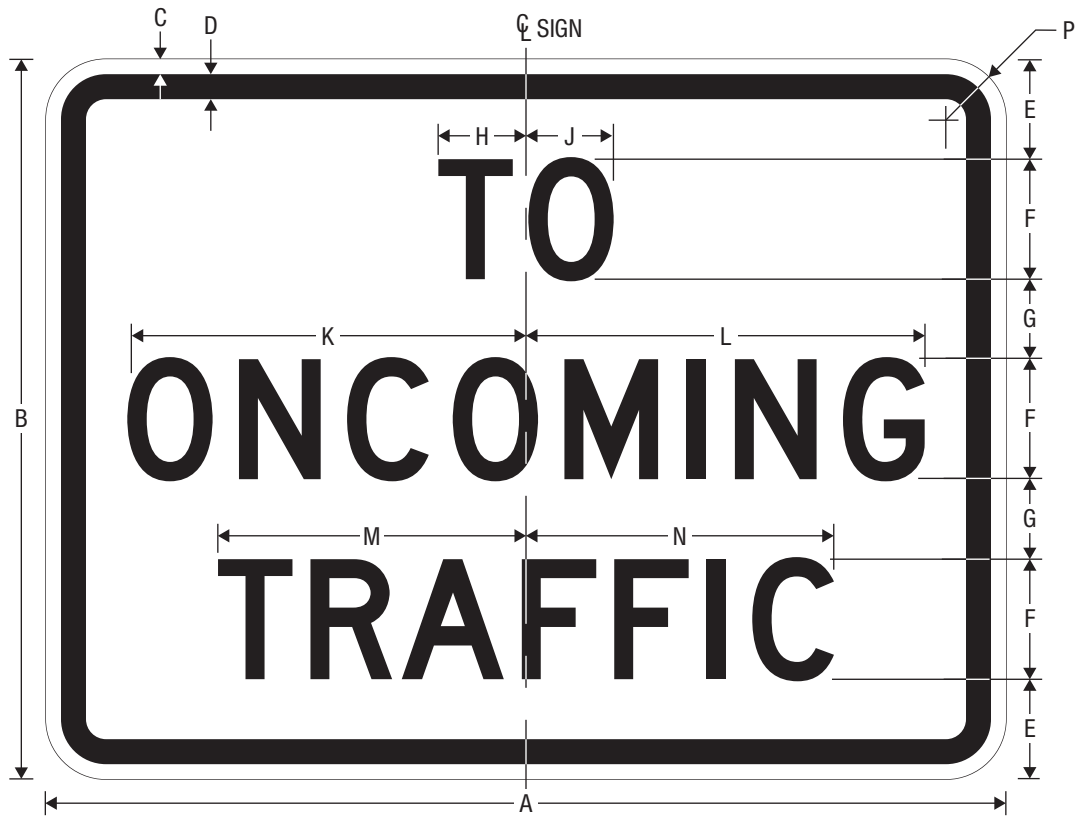
A	B	C	D	E	F	G
18	0.375	6	6 C*	3	7.401	7.456
30	0.75	10	10 C*	5	12.335	12.426
36	0.875	12	12 C*	6	14.802	14.912
48	1.25	16	16 C*	8	19.736	19.882

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — RED (RETROREFLECTIVE)



A	B	C	D	E	F	G	H	J
18	0.375	2	1	1.5 C	2.372	2.175	0.625	1.5
30	0.625	4	1.75	2.5 C	3.953	3.625	0.875	1.5
36	0.75	5	2	3 C	4.718	4.375	1.25	2
48	1	6	2.75	4 C	6.249	5.875	2	3
60	1.5	8	3.5	5 C	7.905	7.25	2.5	4

COLORS: LEGEND, OUTER BACKGROUND – RED (RETROREFLECTIVE)
INNER BACKGROUND, BORDER – WHITE (RETROREFLECTIVE)

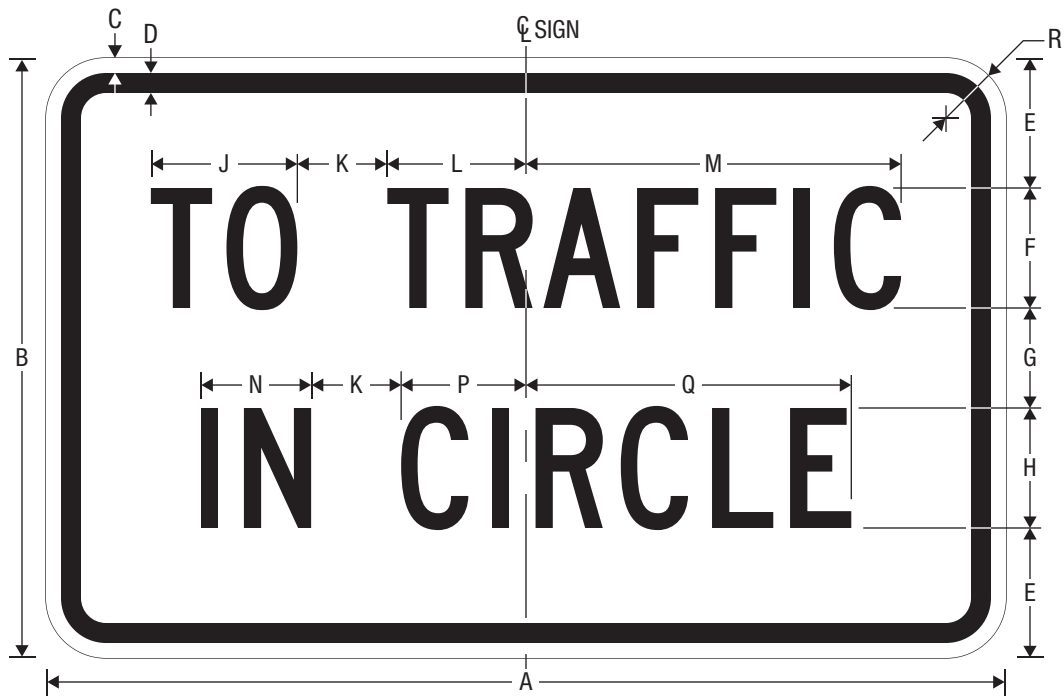


R1-2aP

TO ONCOMING TRAFFIC (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	18	0.375	0.625	2.5	3 D	2	2.191	2.191	9.967	9.967	7.699	7.699	1.5
36	30	0.5	0.75	5.25	4.5 D	3	3.287	3.286	14.950	14.950	11.549	11.548	1.875
48	36	0.625	0.875	5	6 D	4	4.383	4.382	19.934	19.933	15.399	15.398	2.25

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



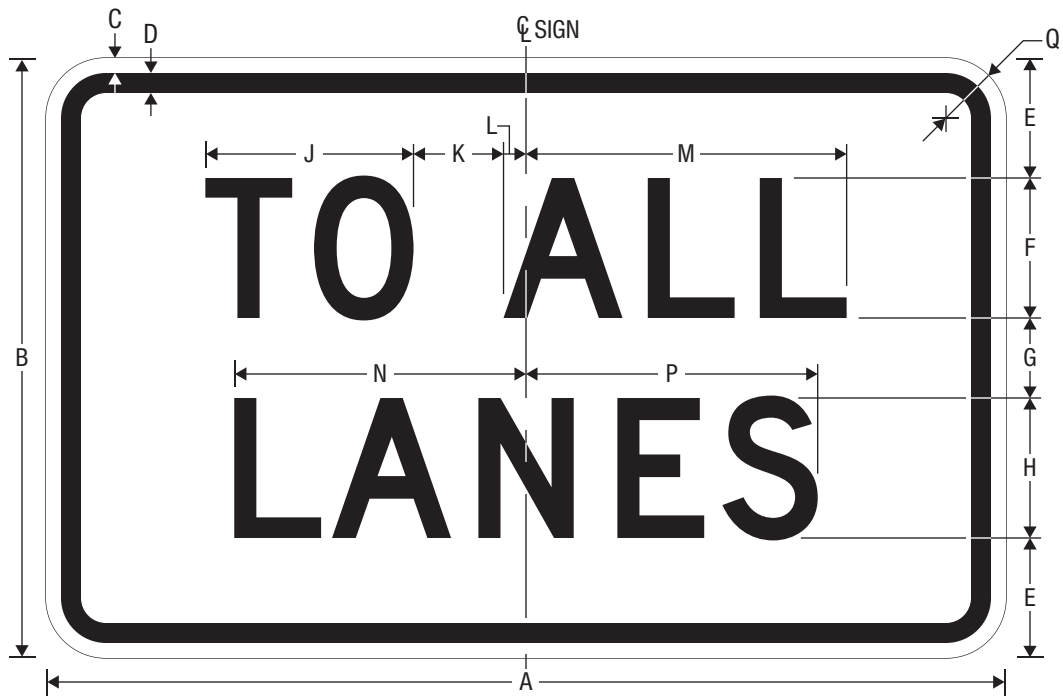
R1-2bP
TO TRAFFIC IN CIRCLE (PLAQUE)

★ Reduce Spacing 20%.

A	B	C	D	E	F	G	H
24	15	0.375	0.5	3.25	3 C	2.5	3 C
36	24	0.375	0.625	5	5 C*	4	5 C

J	K	L	M	N	P	Q	R
3.662	2.25	3.467	9.378	2.761	3.122	8.132	1.5
5.983	2.625	5.975	14.583	4.601	5.765	12.991	1.5

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



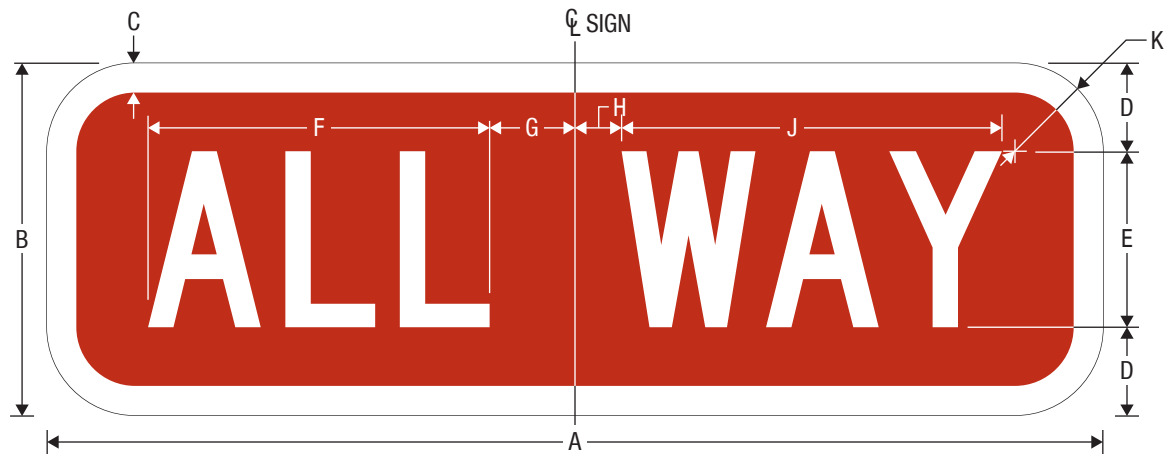
R1-2cP
TO ALL LANES (PLAQUE)

* Increase Spacing 20%.
** Increase Spacing 30%.

A	B	C	D	E	F	G	H
24	15	0.375	0.5	3	3.5 D*	2	3.5 D**
36	24	0.375	0.625	4.625	5.5 D*	3.75	5.5 D**

J	K	L	M	N	P	Q
5.204	2.25	0.562	8.016	7.293	7.293	1.5
8.177	3.5	0.896	12.585	11.461	11.460	1.5

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

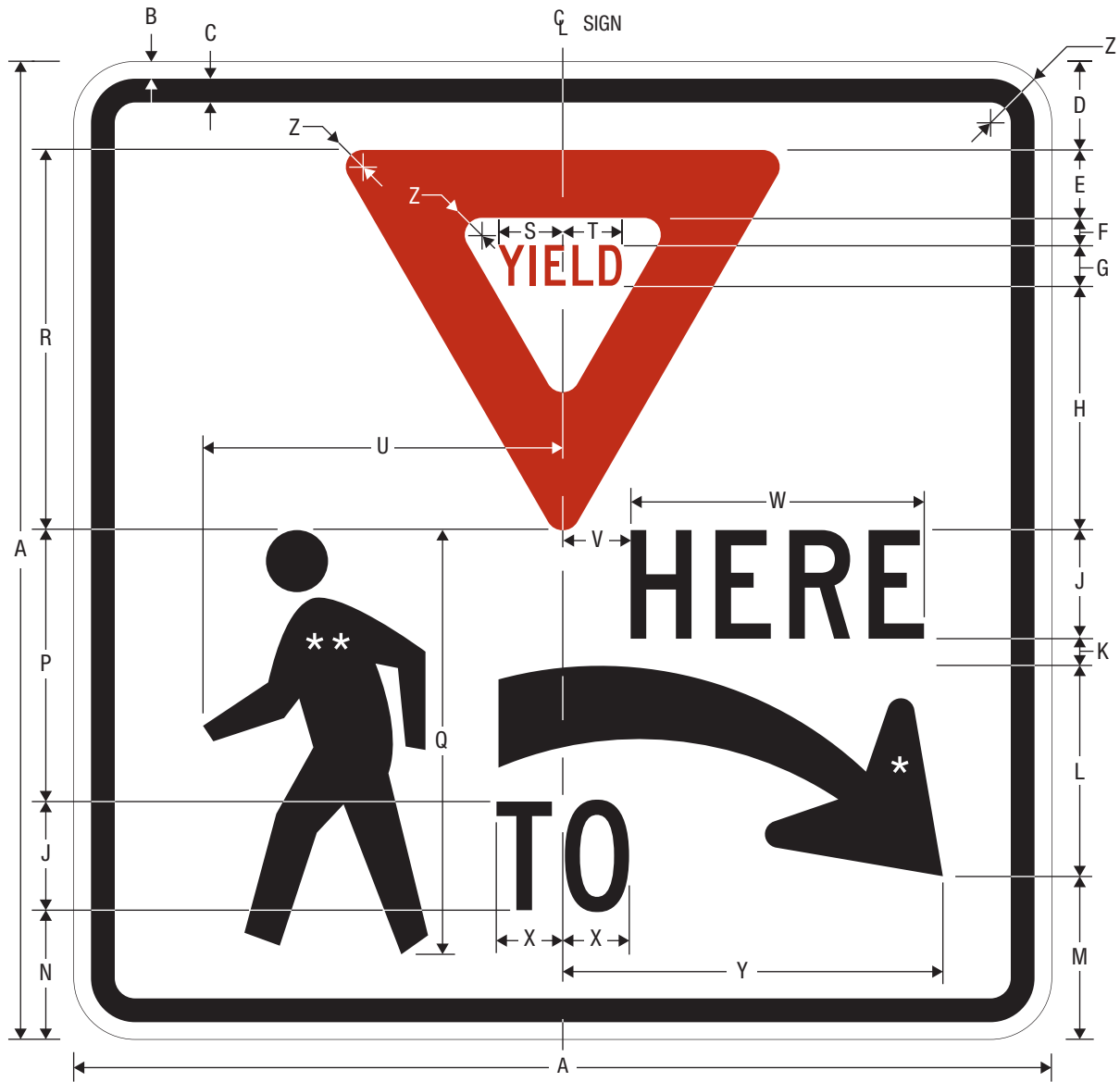


R1-3P
ALL-WAY (PLAQUE)

* Reduce Spacing 50%.

A	B	C	D	E	F	G	H	J	K
18	6	0.5	1.5	3 C	5.822	1.455	0.795	6.483	1.5
30	12	0.75	3	6 C*	10.805	2.401	0.599	12.606	1.875

COLORS: LEGEND, BORDER — WHITE
BACKGROUND — RED (RETROREFLECTIVE)



R1-5R

YIELD HERE TO PEDESTRIANS



R1-5L

* See page 7-7 for detail.

** See page 8-7 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M	N
36	0.625	0.875	3.25	2	1	1.5 C	9.5	4 C	1	7.75	6	4.75

P	Q	R	S	T	U	V	W	X	Y	Z	AA
10	15.625	14	2.372	2.175	13.25	2.5	10.804	2.441	14	0.625	2.25

COLORS: LEGEND, BORDER

BACKGROUND, YIELD SIGN INNER BACKGROUND

YIELD SIGN LEGEND AND OUTER BACKGROUND

— BLACK (RETROREFLECTIVE)

— WHITE (RETROREFLECTIVE)

— RED (RETROREFLECTIVE)



R1-5bR

STOP HERE FOR PEDESTRIANS



R1-5bL

* See page 7-7 for detail.

** See page 8-7 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M
36	0.625	0.875	3	4.25	4.5 C	1.25	4 C	1	7.75	6	4.75

N	P	Q	R	S	T	U	V	W	X	Y	Z
10	15.625	13	5.385	5.920	13.25	2.5	10.804	3.962	3.961	14	2.25

COLORS: LEGEND, BORDER

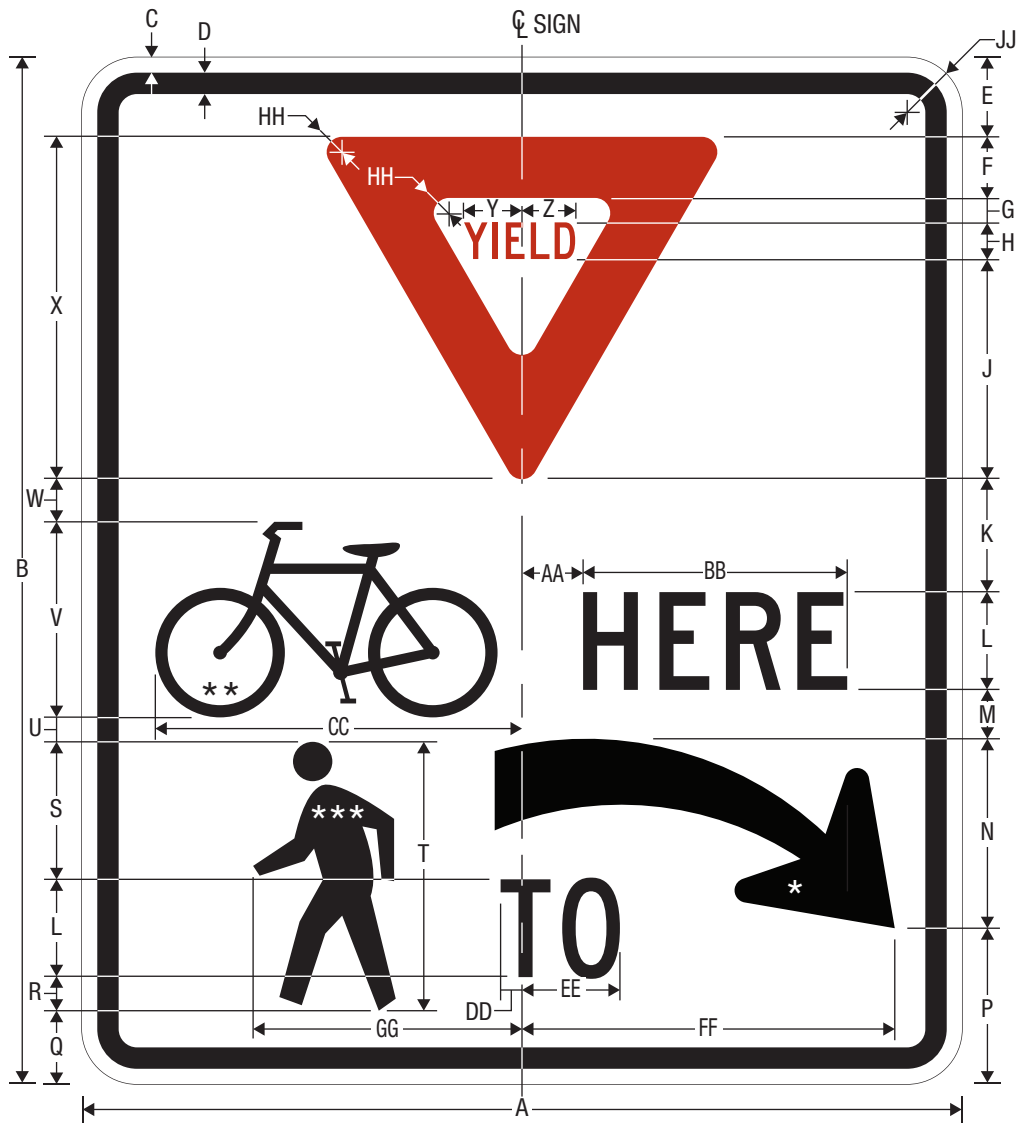
BACKGROUND, STOP SIGN LEGEND

STOP SIGN BACKGROUND

— BLACK

— WHITE (RETROREFLECTIVE)

— RED (RETROREFLECTIVE)



R1-5dR

YIELD HERE TO TRAIL CROSSING



R1-5dL

* See page 7-7 for detail.

** See page 8-4 for symbol design.

*** See page 8-7 for symbol design.

A	B	C	D	E	F	G	H	J	K	L
36	42	0.625	0.875	3.25	2	1	1.5 C	9.5	4.625	4 C
M	N	P	Q	R	S	T	U	V	W	X
2	7.75	6.375	3	1.375	5.625	11	1	8	1.75	14
Y	Z	AA	BB	CC	DD	EE	FF	GG	HH	JJ
2.372	2.175	2.5	10.804	15	0.875	4.007	15.25	11	0.625	2.25

COLORS: LEGEND, BORDER

BACKGROUND, YIELD SIGN INNER BACKGROUND

YIELD SIGN LEGEND AND OUTER BACKGROUND

— BLACK

— WHITE (RETROREFLECTIVE)

— RED (RETROREFLECTIVE)



R1-5eR

STOP HERE FOR TRAIL CROSSING



R1-5eL

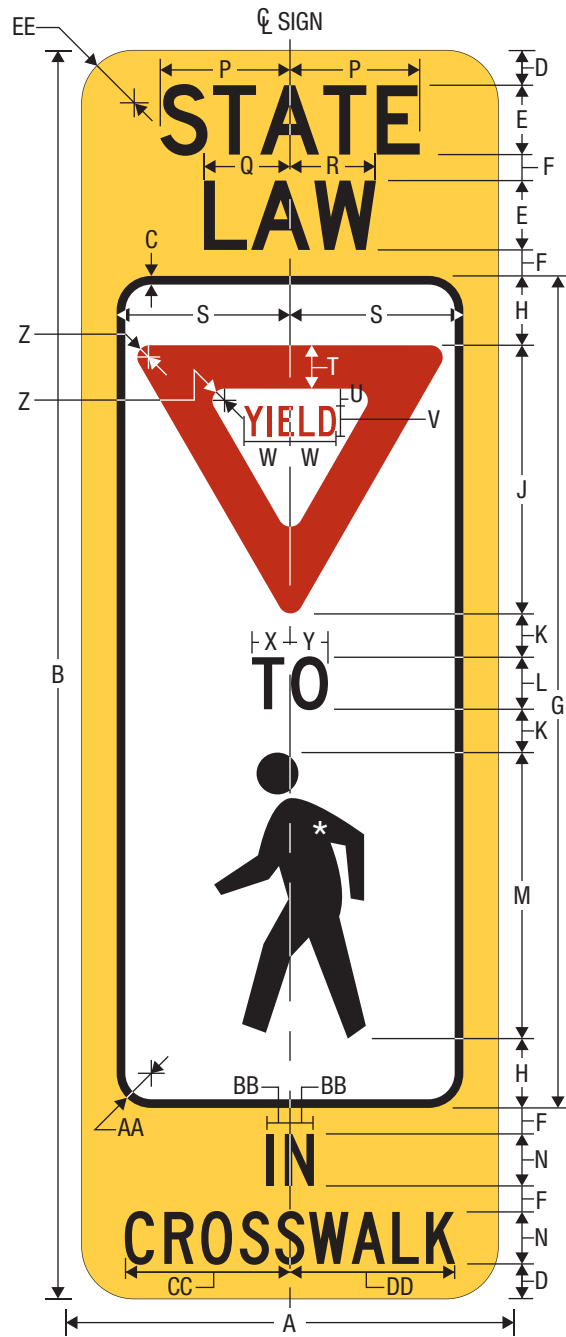
* See page 7-7 for detail.

** See page 8-4 for symbol design.

*** See page 8-7 for symbol design.

A	B	C	D	E	F	G	H	J	K
36	42	0.625	0.875	3	4.25	4.5 C	5.875	4 C	2
L	M	N	P	Q	R	S	T	U	V
7.75	6.375	3	1.375	5.625	11	1	8	3	13
W	X	Y	Z	AA	BB	CC	DD	EE	FF
5.385	5.920	15	2.5	10.804	0.875	7.048	15.25	11	2.25

COLORS: LEGEND, BORDER — BLACK (RETROREFLECTIVE)
BACKGROUND, STOP SIGN LEGEND — WHITE (RETROREFLECTIVE)
STOP SIGN BACKGROUND — RED (RETROREFLECTIVE)



R1-6

IN-STREET PEDESTRIAN CROSSING - YIELD

* See page 8-7 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
12	36	0.25	1	2 D	0.75	24	2	7.75	1.25	1.5 D	8.25	1.5 C	3.742	2.482

R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE
2.481	5	1.25	0.625	0.875 C	1.326	1.096	1.095	0.350	1	0.690	4.765	4.764	1.5

COLORS: LEGEND, INNER BORDER

INNER BACKGROUND

OUTER BACKGROUND

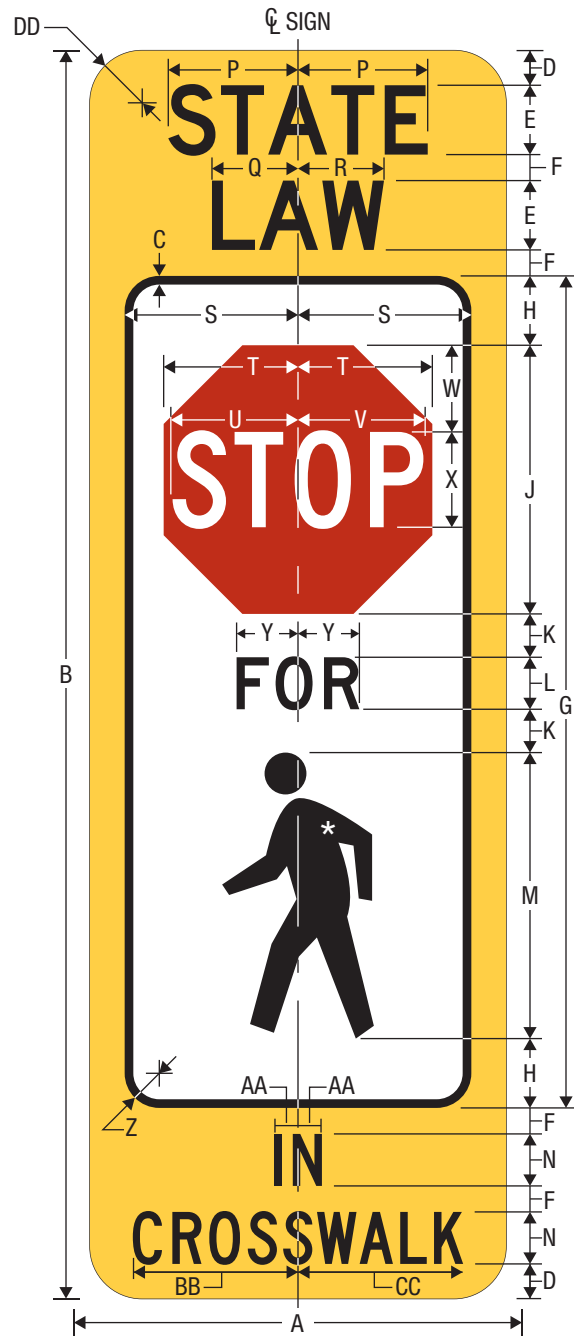
YIELD SIGN LEGEND AND OUTER BACKGROUND

— BLACK

— WHITE (RETROREFLECTIVE)

— YELLOW or FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)

— RED (RETROREFLECTIVE)



R1-6a

IN-STREET PEDESTRIAN CROSSING - STOP

* See page 8-7 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
12	36	0.25	1	2 D	0.75	24	2	7.75	1.25	1.5 D	8.25	1.5 C	3.742

Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD
2.482	2.481	5	3.875	3.618	3.617	2.5	2.75 C	1.771	1	0.690	4.765	4.764	1.5

COLORS: LEGEND, INNER BORDER

INNER BACKGROUND, STOP SIGN LEGEND

OUTER BACKGROUND

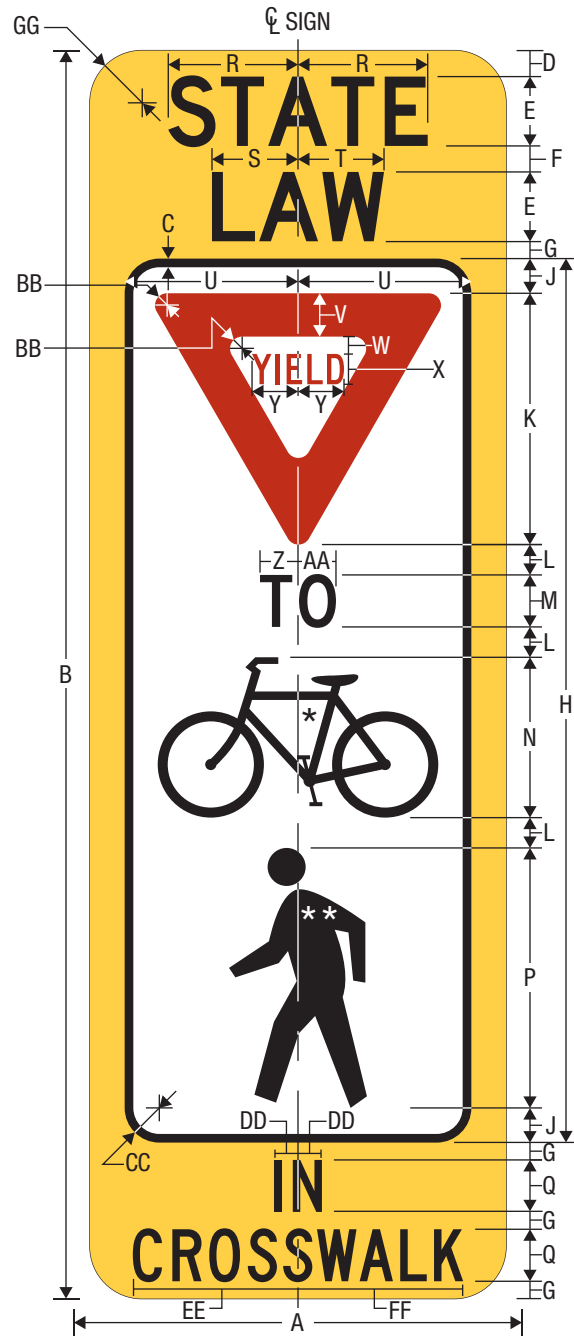
STOP SIGN BACKGROUND

— BLACK

— WHITE (RETROREFLECTIVE)

— YELLOW or FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)

— RED (RETROREFLECTIVE)



R1-6d
IN-STREET TRAIL CROSSING - YIELD

* See page 8-4 for symbol design.
** See page 8-7 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
12	36	0.25	0.75	2 D	0.75	0.5	25.5	1	7.25	0.875	1.5 D	4.625	7.5	1.5 C	3.742

S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF	GG
2.482	2.481	5	1.25	0.5	0.875 C	1.326	1.096	1.095	0.350	1	0.690	4.765	4.764	1.5

COLORS:

LEGEND, INNER BORDER

INNER BACKGROUND

OUTER BACKGROUND

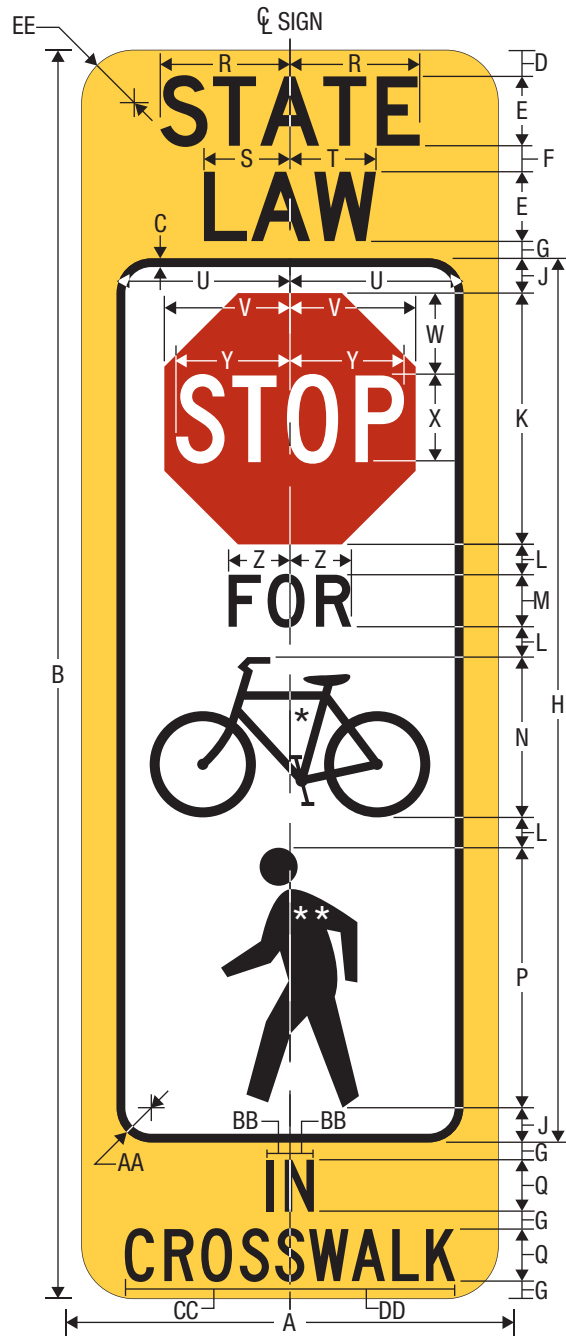
YIELD SIGN LEGEND AND OUTER BACKGROUND

— BLACK

— WHITE (RETROREFLECTIVE)

— YELLOW or FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)

— RED (RETROREFLECTIVE)



R1-6e

IN-STREET TRAIL CROSSING - STOP

* See page 8-4 for symbol design.

** See page 8-7 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
12	36	0.25	0.75	2 D	0.75	0.5	25.5	1	7.25	0.875	1.5 D	4.625	7.5	1.5 C

R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE
3.742	2.482	2.481	5	3.625	2.375	2.5 C	3.289	1.771	1	0.690	4.765	4.764	1.5

COLORS: LEGEND, INNER BORDER

INNER BACKGROUND, STOP SIGN LEGEND

OUTER BACKGROUND

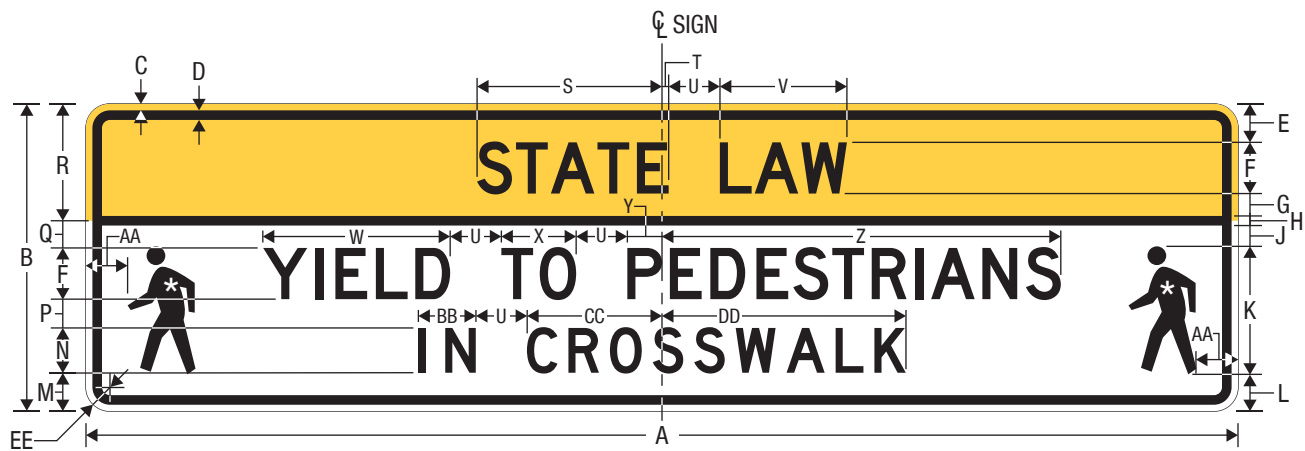
STOP SIGN BACKGROUND

— BLACK

— WHITE (RETROREFLECTIVE)

— YELLOW or FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)

— RED (RETROREFLECTIVE)



R1-9

OVERHEAD PEDESTRIAN CROSSING - YIELD

* See page 8-7 for symbol design.

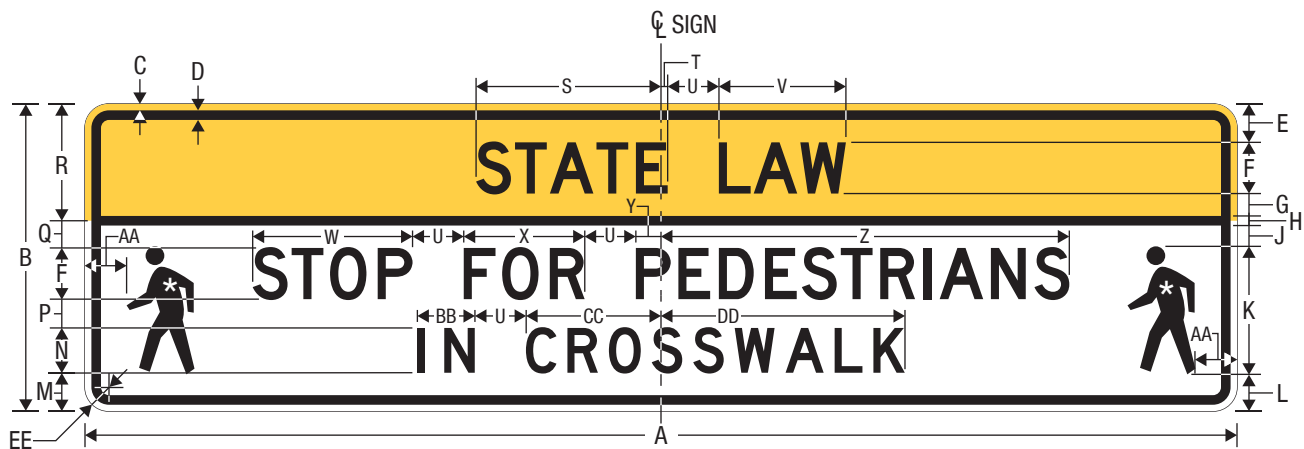
** Increase Spacing 85%.

A	B	C	D	E	F	G	H	J	K
90	24	0.5	0.75	3	4 D	1.75	0.75	1.625	10

L	M	N	P	Q	R	S	T	U	V
2.875	3	3.5 D**	2.25	2.125	9.125	14.447	0.521	4	9.925

W	X	Y	Z	AA	BB	CC	DD	EE
14.607	5.843	2.707	31.156	3.25	4.497	10.550	19.047	1.875

COLORS: LEGEND, BORDER — BLACK
UPPER BACKGROUND — YELLOW (RETROREFLECTIVE) OR FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)
LOWER BACKGROUND — WHITE (RETROREFLECTIVE)



R1-9a
OVERHEAD PEDESTRIAN CROSSING - STOP

* See page 8-7 for symbol design.

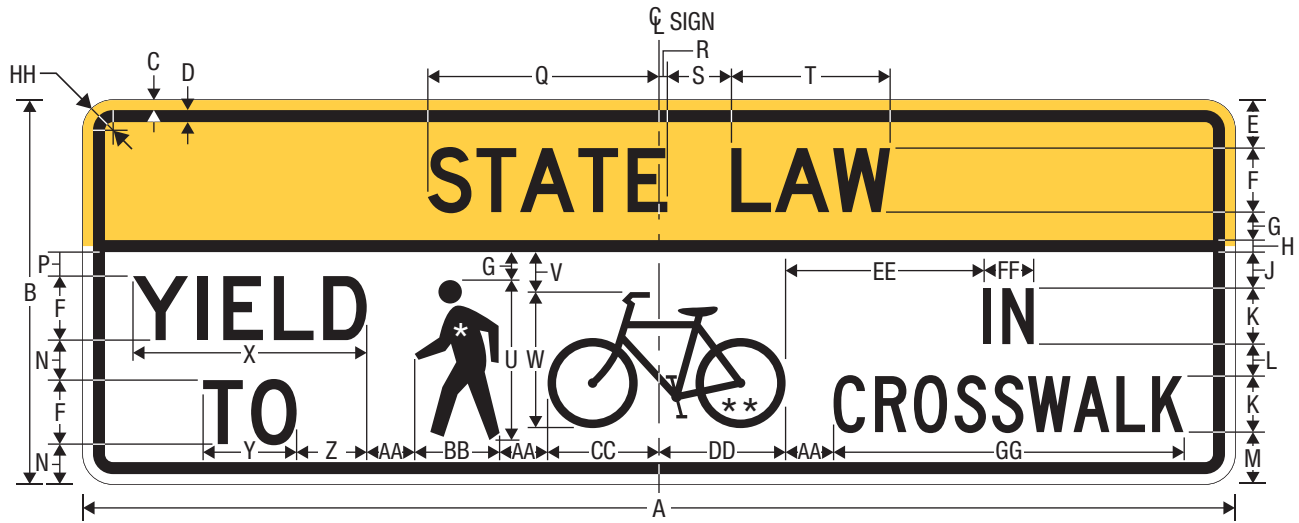
** Increase Spacing 85%.

A	B	C	D	E	F	G	H	J	K
90	24	0.5	0.75	3	4 D	1.75	0.75	1.625	10

L	M	N	P	Q	R	S	T	U	V
2.875	3	3.5 D**	2.25	2.125	9.125	14.447	0.521	4	9.925

W	X	Y	Z	AA	BB	CC	DD	EE
12.489	9.446	1.964	31.899	3.25	4.497	10.550	19.047	1.875

COLORS: LEGEND, BORDER — BLACK
UPPER BACKGROUND — YELLOW (RETROREFLECTIVE) OR FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)
LOWER BACKGROUND — WHITE (RETROREFLECTIVE)



R1-9d

OVERHEAD TRAIL CROSSING - YIELD

* See page 8-7 for symbol design.

** See page 8-4 for symbol design.

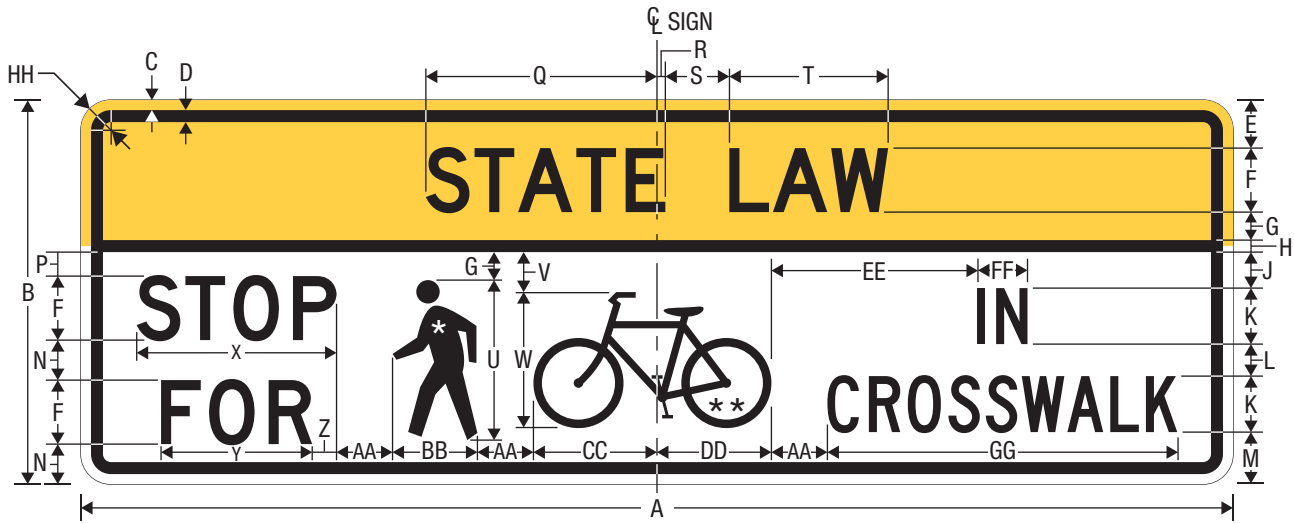
*** Reduce Spacing 10%.

A	B	C	D	E	F	G	H	J	K	L
72	24	0.625	0.75	3	4 D	1.75	0.75	2.25	3.5 C***	2

M	N	P	Q	R	S	T	U	V	W	X
3.25	2.5	1.5	14.447	0.521	4	9.925	10	2.5	8.5	14.607

Y	Z	AA	BB	CC	DD	EE	FF	GG	HH
5.843	4.382	3	5.305	6.963	7.912	12.361	3.144	21.866	1.875

COLORS: LEGEND, BORDER — BLACK
UPPER BACKGROUND — YELLOW (RETROREFLECTIVE) OR FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)
LOWER BACKGROUND — WHITE (RETROREFLECTIVE)



R1-9e
OVERHEAD TRAIL CROSSING - STOP

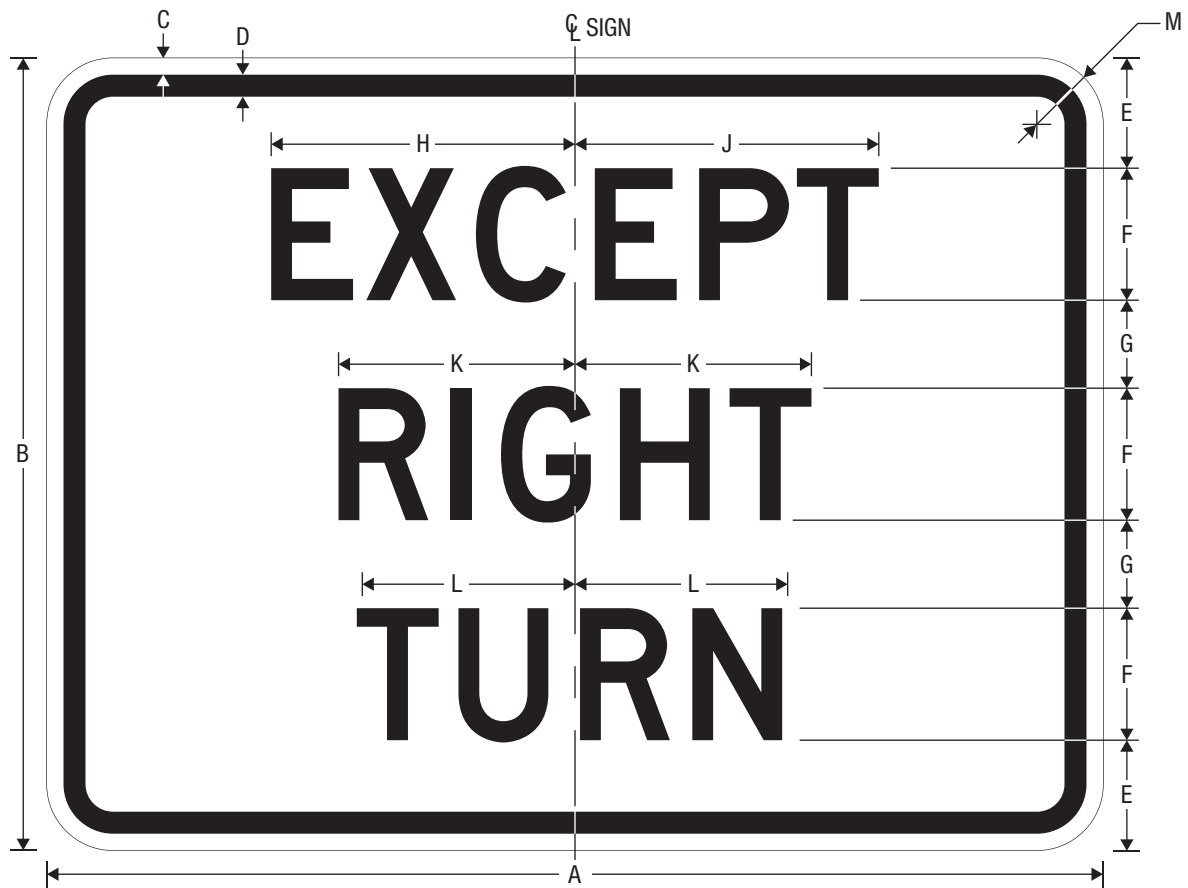
* See page 8-7 for symbol design.
** See page 8-4 for symbol design.
*** Reduce Spacing 10%.

A	B	C	D	E	F	G	H	J	K	L
72	24	0.625	0.75	3	4 D	1.75	0.75	2.25	3.5 C***	2

M	N	P	Q	R	S	T	U	V	W	X
3.25	2.5	1.5	14.447	0.521	4	9.925	10	2.5	8.5	12.489

Y	Z	AA	BB	CC	DD	EE	FF	GG	HH
9.446	1.521	3.5	5.305	7.724	7.151	12.861	3.144	21.866	1.875

COLORS: LEGEND, BORDER — BLACK
UPPER BACKGROUND — YELLOW (RETROREFLECTIVE) OR FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)
LOWER BACKGROUND — WHITE (RETROREFLECTIVE)



R1-10P
EXCEPT RIGHT TURN (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M
24	18	0.375	0.5	2.5	3 D	2	6.905	6.904	5.374	4.834	1.5

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



R2-1
SPEED LIMIT

* Optically space numerals about centerline.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
18	24	0.375	0.625	3	3 E	2	8 E*	7.053	7.052	5.491	5.491	VAR*	1.5
24	30	0.375	0.625	4	4 E	2	10 E*	9.403	9.403	7.321	7.321	VAR*	1.5
30	36	0.5	0.75	4.5	5 E	2.5	12 E*	11.754	11.754	9.152	9.151	VAR*	1.875
36	48	0.625	0.875	6	6 E	5	14 E*	14.105	14.104	10.982	10.981	VAR*	2.25
48	60	0.75	1.25	8	8 E	6	16 E*	18.806	18.806	14.642	14.642	VAR*	3

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



R2-2P

TRUCK SPEED LIMIT (PLAQUE)

* Reduce Spacing 30%.

** Optically space numerals about vertical centerline.

A	B	C	D	E	F	G	H	J	K	L	M
24	0.375	0.625	4	4 D*	2.5	10 E	3.5	9.292	9.291	VAR**	1.5
36	0.625	0.875	6	6 D*	4	14 E	6	13.938	13.937	VAR**	2.25
48	0.75	1.25	8	8 D*	8	16 E	8	18.583	18.583	VAR**	3

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

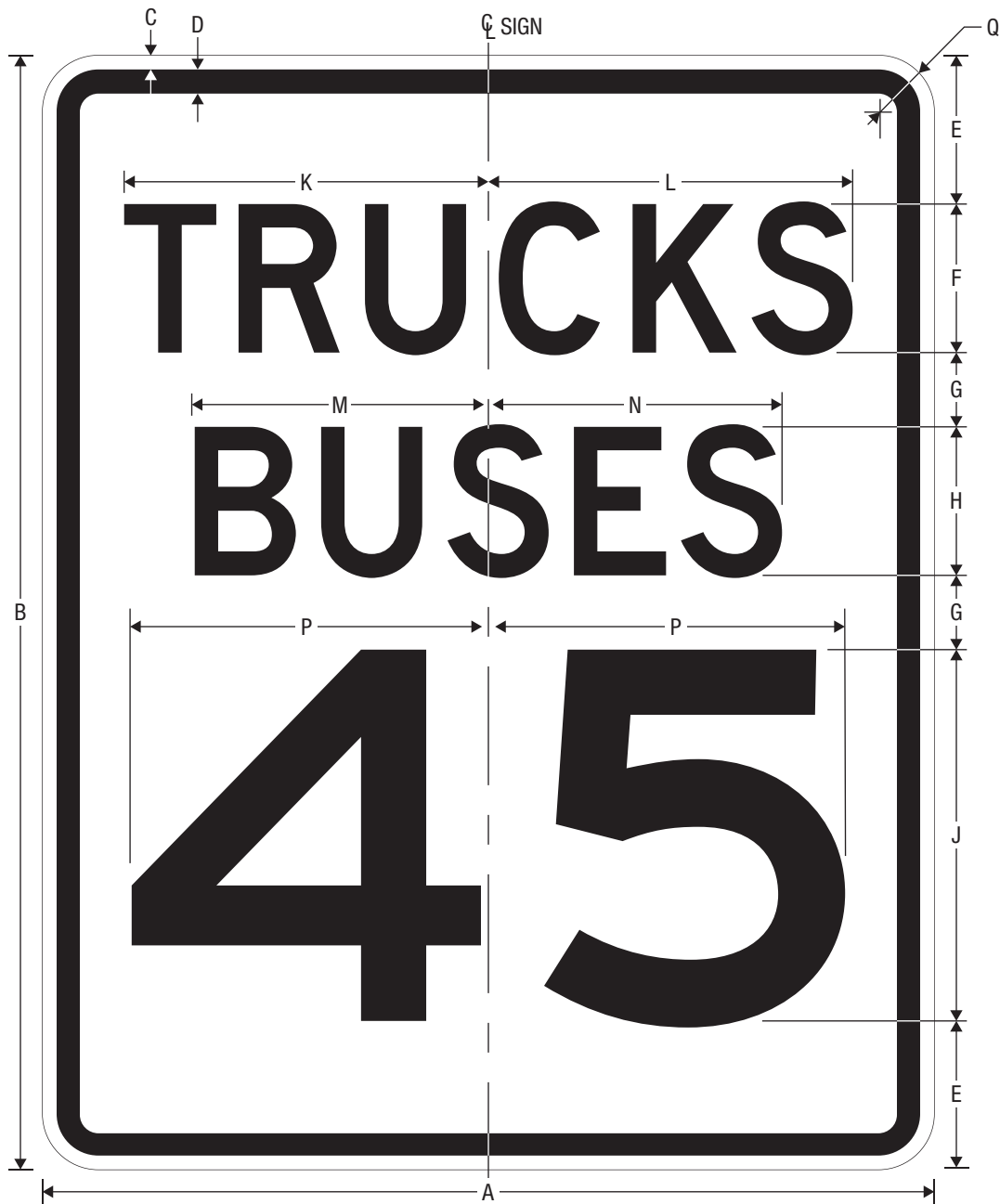


R2-2aP
BUS SPEED LIMIT (PLAQUE)

* Optically space numerals about vertical centerline.

A	B	C	D	E	F	G	H	J	K	L	M
24	0.375	0.625	4	4 D	2.5	10 E	3.5	7.907	7.906	VAR*	1.5
36	0.625	0.875	6	6 D	5	13 E	6	11.860	11.860	VAR*	2.25
48	0.75	1.25	8	8 D	8	16 E	8	15.813	15.813	VAR*	3

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



R2-2bP

TRUCK-BUS SPEED LIMIT (PLAQUE)

* Reduce Spacing 30%.

** Optically space numerals about centerline.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
24	30	0.375	0.625	4	4 D	2	4 D	10 E	9.808	9.807	7.907	7.906	VAR**	1.5
36	42	0.625	0.875	4.5	6 D*	3.5	6 D	14 E	13.938	13.937	11.860	11.860	VAR**	2.25
48	54	0.75	1.25	6.5	8 D*	4.5	8 D	16 E	18.583	18.583	15.813	15.813	VAR**	3

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



R2-2cP

VEHICLES OVER X TONS SPEED LIMIT (PLAQUE)

* Increase Spacing 25%.

** Optically space numerals about vertical centerline.

A	B	C	D	E	F	G	H	J	K
24	30	0.375	0.625	2.875	3 D	1.75	10 E	2.875	14.125
36	42	0.625	0.875	3.75	4 D*	3.5	12 E	3.75	18.75
48	54	0.75	1.25	5	5.5 D*	3.875	16 E	4.875	24

L	M	N	P	Q	R	S	T	U	V
4 D	9.111	9.110	4.833	VAR	VAR	2	9.637	VAR**	1.5
5 D*	12.772	12.772	6.669	VAR	VAR	3	13.369	VAR**	2.25
7 D*	17.562	17.561	9.170	VAR	VAR	5	18.382	VAR**	3

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



R2-3P
NIGHT SPEED LIMIT (PLAQUE)

* Increase Spacing 50%.

** Optically space numerals about vertical centerline.

A	B	C	D	E	F	G	H	J
24	0.5	4	3 F*	3	10 E	7.923	VAR**	1.5
36	0.75	6.5	4 F*	5	14 E	10.564	VAR**	2.25
48	1	9	6 F*	8	16 E	15.846	VAR**	3

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



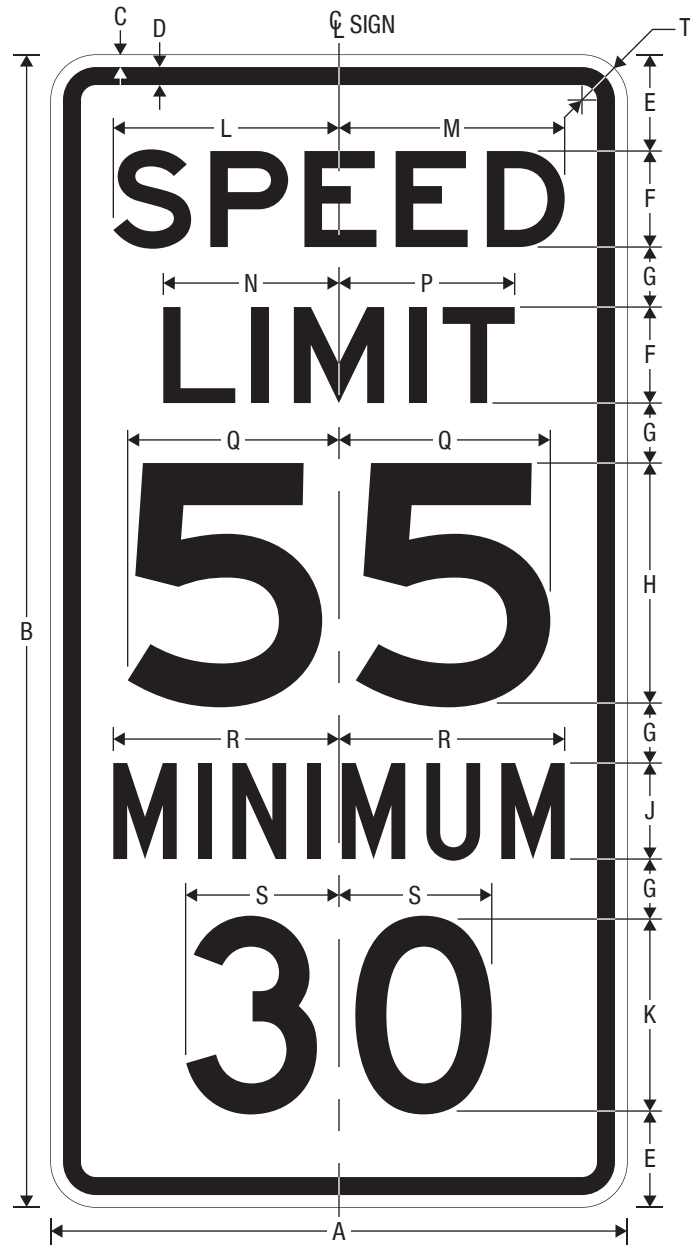
R2-4P

MINIMUM SPEED LIMIT (PLAQUE)

* Optically space numerals about vertical centerline.

A	B	C	D	E	F	G	H	J	K
24	0.375	0.625	3.75	4 C	2.5	10 D	9.404	VAR*	1.5
36	0.625	0.875	5.875	6 C	4.25	14 D	14.106	VAR*	2.25
48	0.75	1.25	8.75	8 C	6.5	16 D	18.808	VAR*	3

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



R2-4a

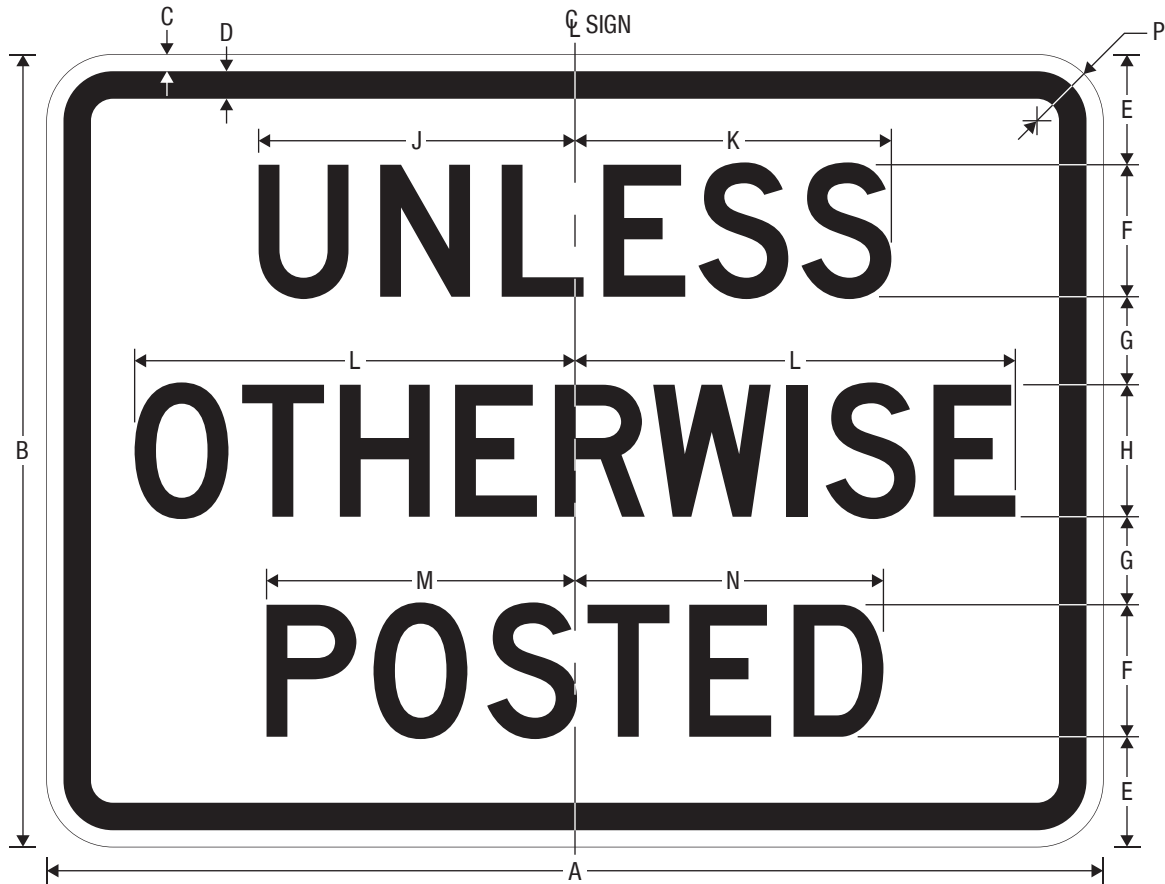
COMBINED MAXIMUM AND MINIMUM SPEED LIMITS

* Optically space numerals about vertical centerline.

A	B	C	D	E	F	G	H	J
24	48	0.5	0.75	4	4 E	2.5	10 E	4 C
36	72	0.625	0.875	6	6 E	4	14 E	6 C
48	96	0.75	1.25	8	8 E	6.5	16 E	8 C

K	L	M	N	P	Q	R	S	T
8 D	9.403	9.403	7.321	7.321	VAR*	9.404	VAR*	1.875
12 D	14.105	14.104	10.982	10.981	VAR*	14.106	VAR*	2.25
14 D	18.806	18.806	14.642	14.642	VAR*	18.808	VAR*	3

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



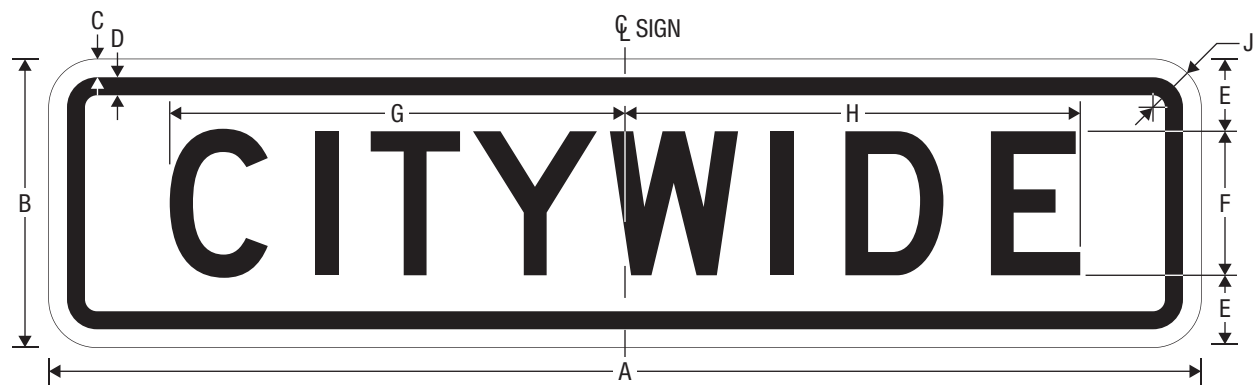
R2-5P

UNLESS OTHERWISE POSTED (PLAQUE)

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	18	0.375	0.625	2.5	3 D	2	3 D*	7.191	7.190	10.008	7.010	7.010	1.5
36	24	0.375	0.625	3.25	4 D	2.75	4 D	9.587	9.587	13.848	9.347	9.346	1.5

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

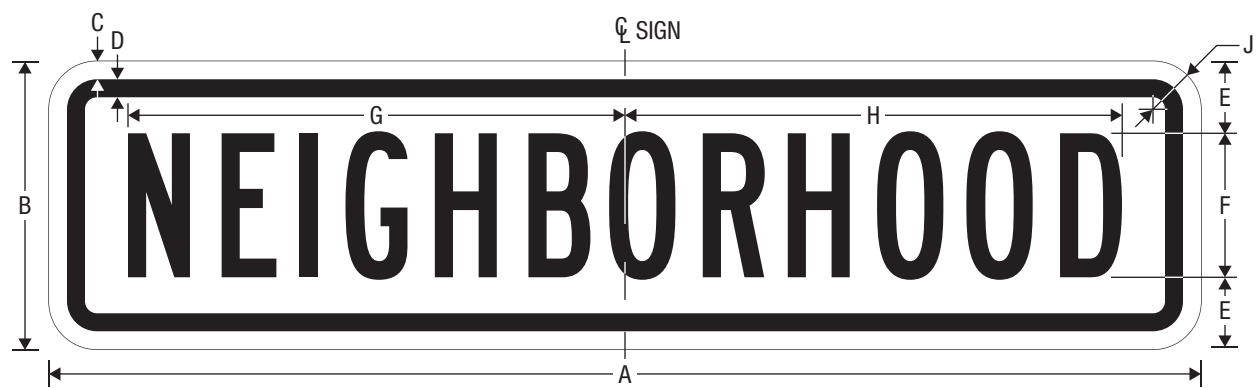


R2-5aP
CITYWIDE (PLAQUE)

* Increase Spacing 50%.

A	B	C	D	E	F	G	H	J
24	6	0.375	0.375	1.5	3 D*	9.485	9.484	1
30	9	0.375	0.625	2.5	4 D*	12.646	12.646	1.5

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

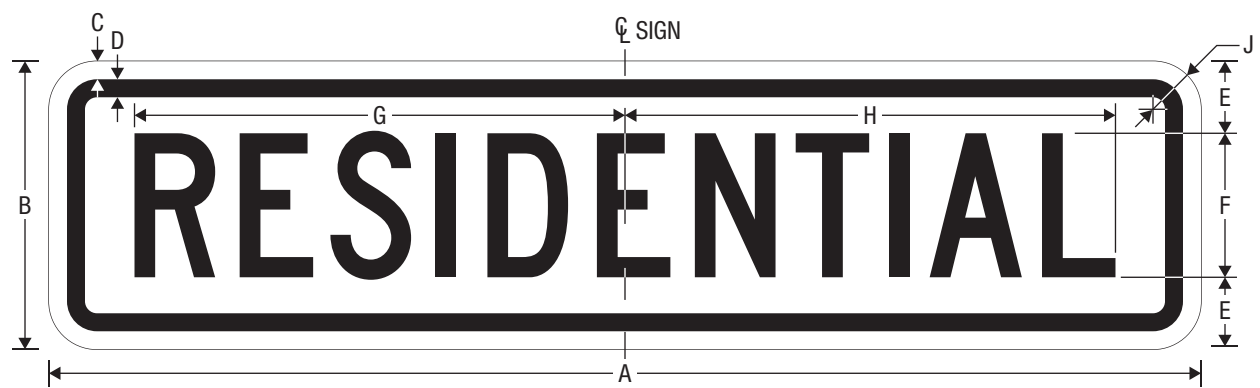


R2-5bP
NEIGHBORHOOD (PLAQUE)

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J
24	6	0.375	0.375	1.5	3 B	10.354	10.354	1
30	9	0.375	0.625	2.5	4 B*	13.006	13.005	1.5

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



R2-5cP
RESIDENTIAL (PLAQUE)

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J
24	6	0.375	0.375	1.5	3 C	10.219	10.218	1
30	9	0.375	0.625	2.5	4 C*	12.981	12.980	1.5

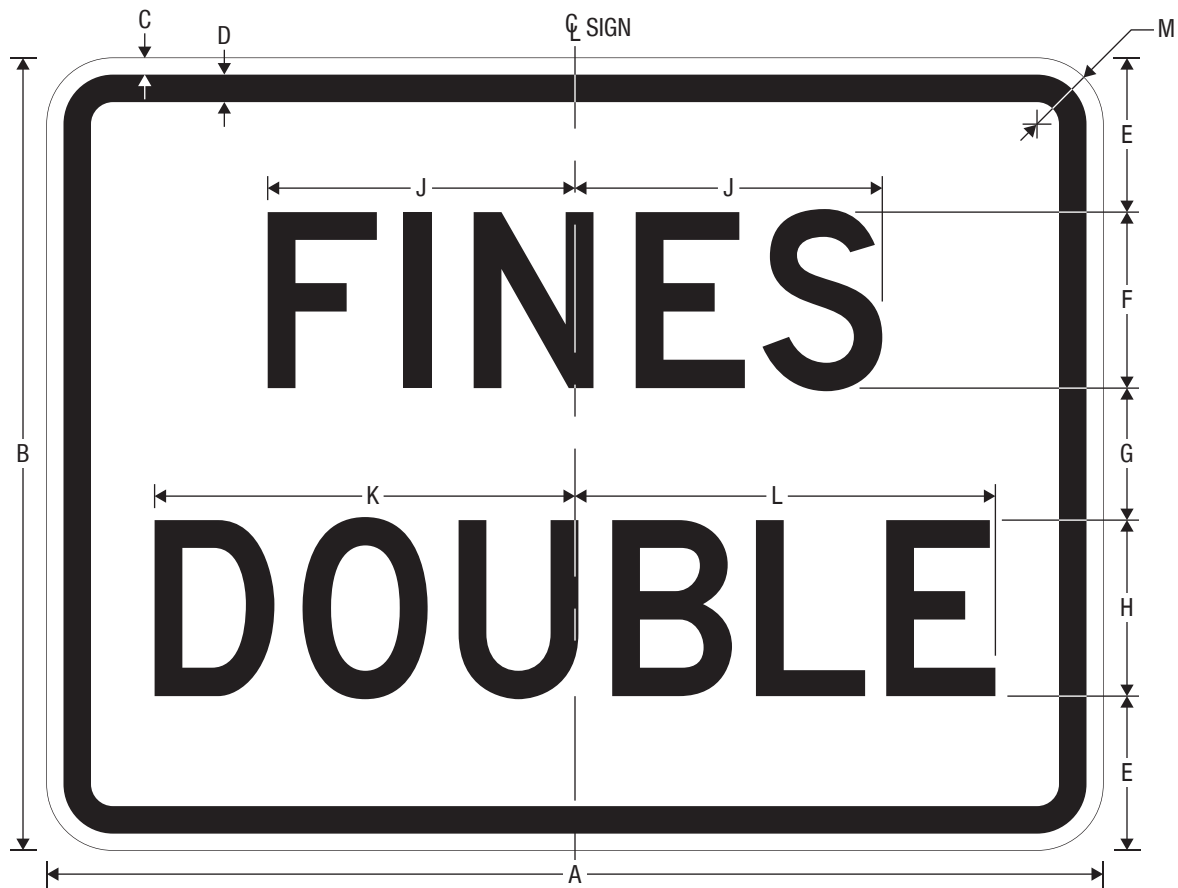
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R2-6P
FINES HIGHER (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L
24	18	0.375	0.625	3.5	4 D	3	6.984	9.187	9.186	1.5
36	24	0.375	0.625	4.125	6 D	3.75	10.476	13.780	13.780	1.5
48	36	0.625	0.875	7	8 D	6	13.968	18.373	18.373	2.25

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



R2-6aP
FINES DOUBLE (PLAQUE)

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M
24	18	0.375	0.625	3.5	4 D	3	4 D*	6.984	9.555	9.554	1.5
36	24	0.375	0.625	4.125	6 D	3.75	6 D*	10.476	14.332	14.332	1.5
48	36	0.625	0.875	7	8 D	6	8 D*	13.968	19.109	19.109	2.25

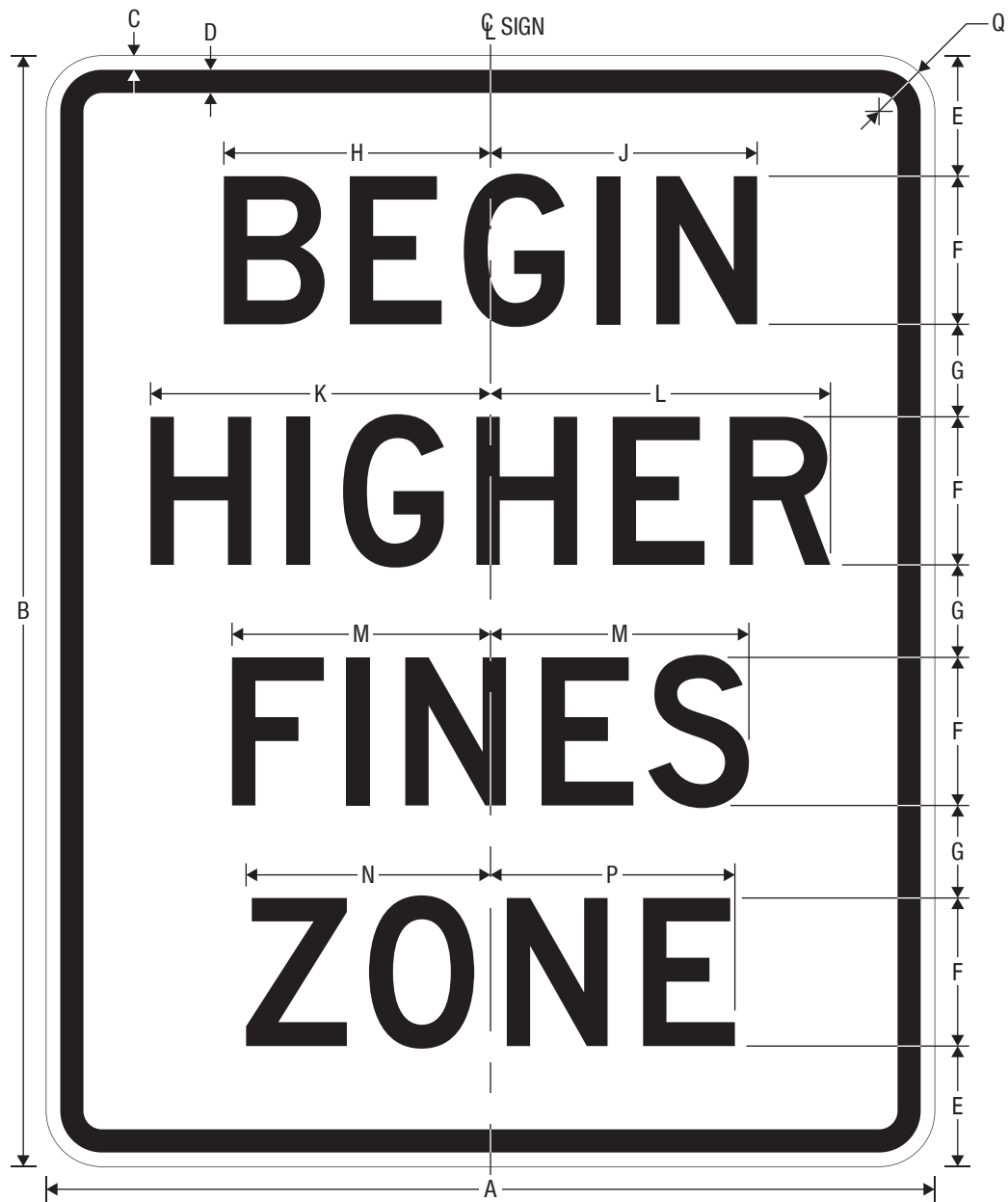
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R2-6bP
\$XX FINE (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	18	0.375	0.625	3.5	4 D	3	2.723	1	VAR	VAR	5.423	5.422	1.5
36	24	0.375	0.625	4.125	6 D	3.75	4.085	1.5	VAR	VAR	8.134	8.134	1.5
48	36	0.625	0.875	7	8 D	6	5.446	2	VAR	VAR	10.845	10.845	2.25

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

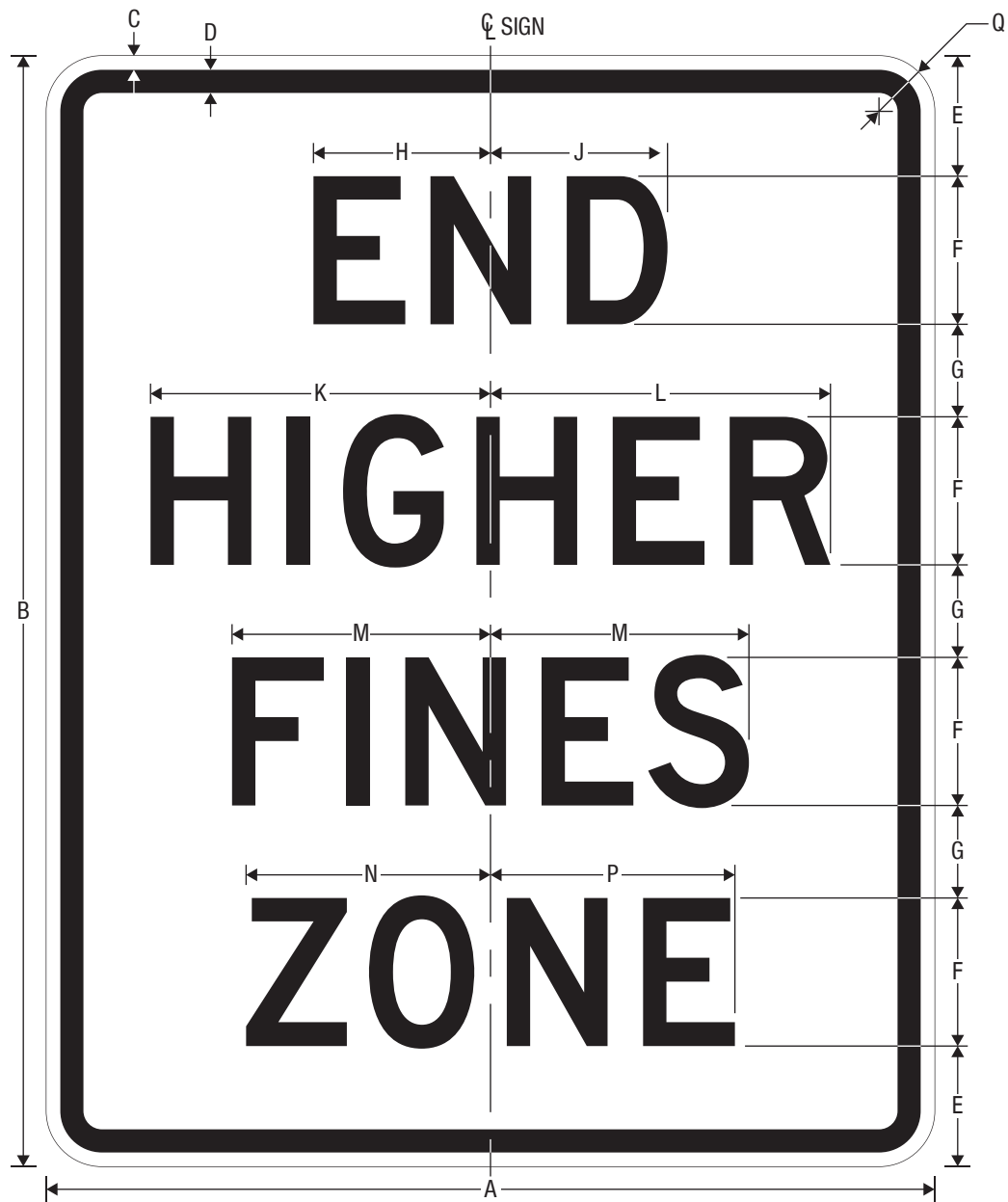


R2-10

BEGIN HIGHER FINES ZONE

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
24	30	0.375	0.625	3.25	4 D	2.5	7.205	7.205	9.187	9.186	6.984	6.605	6.604	1.5
36	48	0.625	0.875	6	6 D	4	10.808	10.807	13.780	13.780	10.476	9.907	9.907	2.25
48	60	0.75	1.25	6.5	8 D	5	14.410	14.410	18.373	18.373	13.968	13.209	13.209	3

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

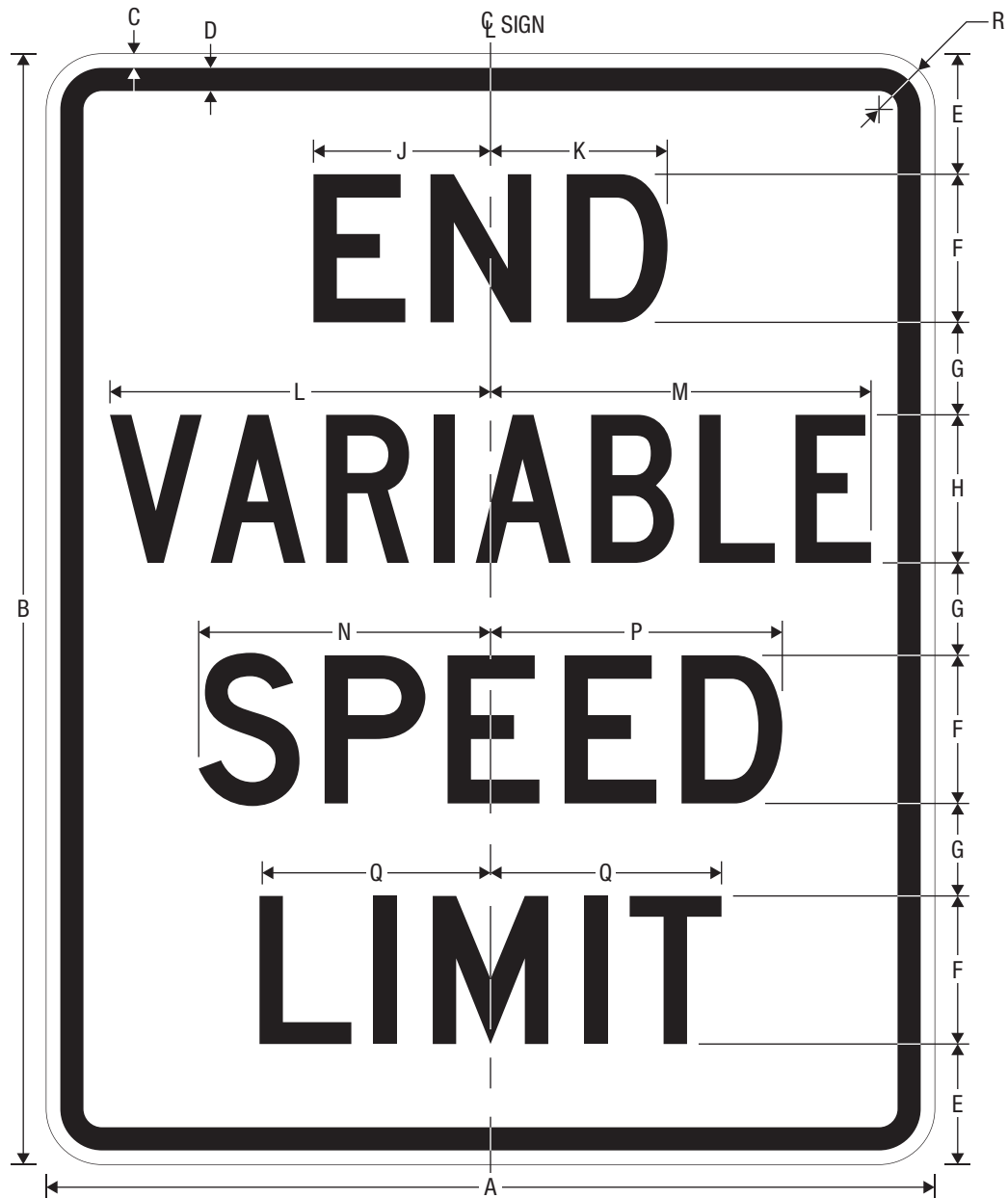


R2-11

END HIGHER FINES ZONE

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
24	30	0.375	0.625	3.25	4 D	2.5	4.784	4.783	9.187	9.186	6.984	6.605	6.604	1.5
36	48	0.625	0.875	6	6 D	4	7.176	7.175	13.780	13.780	10.476	9.907	9.907	2.25
48	60	0.75	1.25	6.5	8 D	5	9.567	9.567	18.373	18.373	13.968	13.209	13.209	3

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



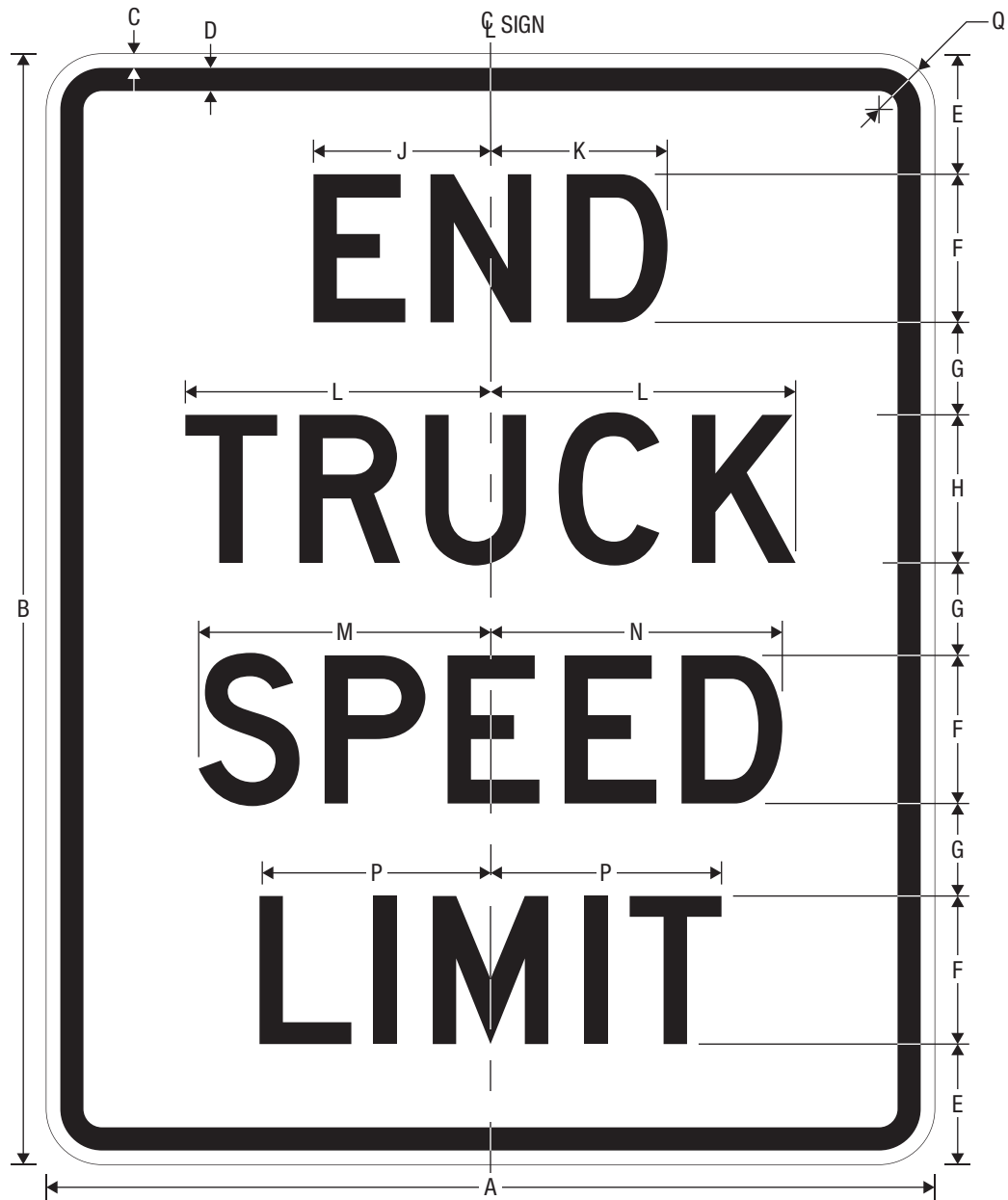
R2-13

END VARIABLE SPEED LIMIT

A	B	C	D	E	F	G	H
24	30	0.375	0.625	3.25	4 D	2.5	4 C
36	48	0.625	0.875	5.25	6 D	4.5	6 C
48	60	0.75	1.25	6.5	8 D	5	8 C

J	K	L	M	N	P	Q	R
4.784	4.783	10.284	10.283	7.886	7.885	6.242	1.5
7.176	7.175	15.425	15.425	11.828	11.828	9.363	2.25
9.567	9.567	20.567	20.567	15.771	15.771	12.484	3

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



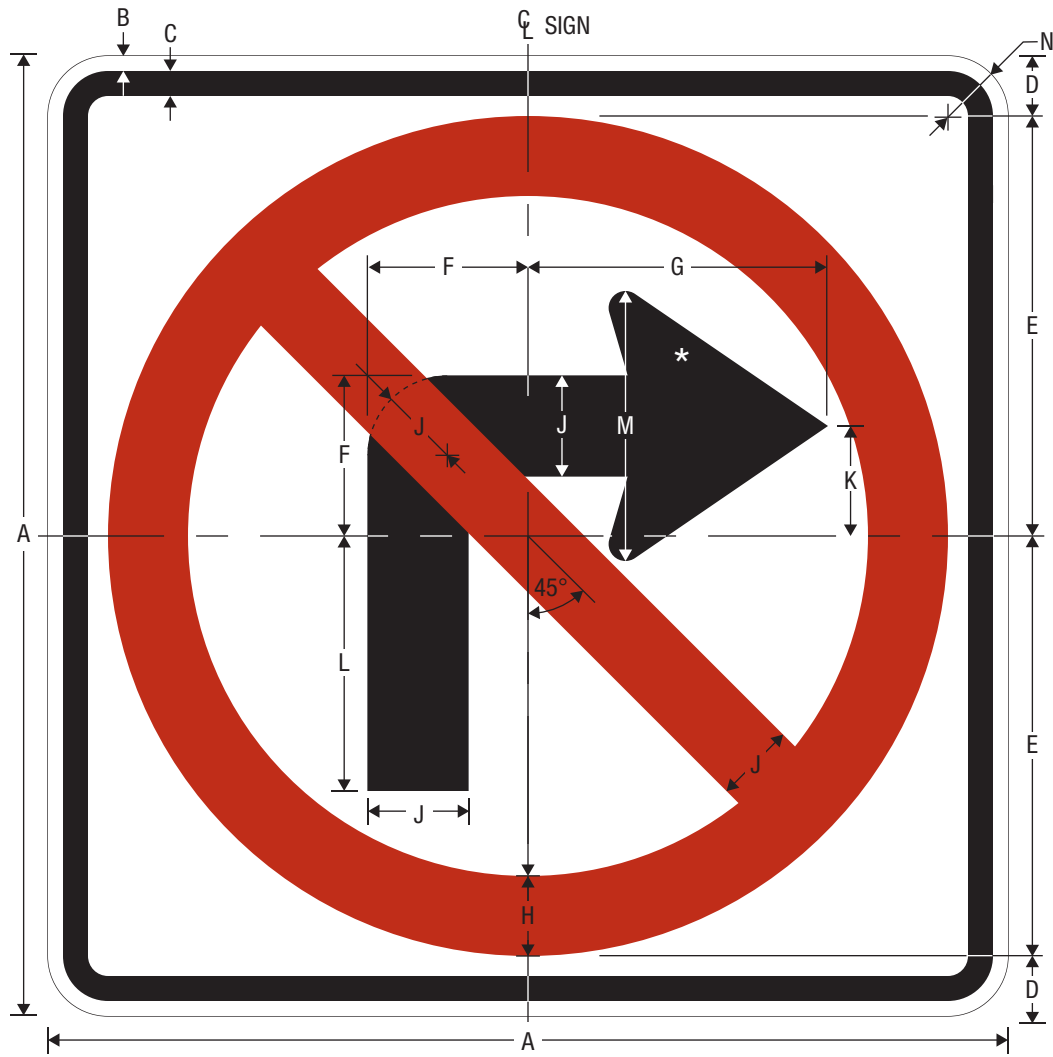
R2-14

END TRUCK SPEED LIMIT

A	B	C	D	E	F	G	H
24	30	0.375	0.625	3.25	4 D	2.5	4 D
36	48	0.625	0.875	5.25	6 D	4.5	6 D
48	60	0.75	1.25	6.5	8 D	5	8 D

J	K	L	M	N	P	Q
4.784	4.783	8.246	7.886	7.885	6.242	1.5
7.176	7.175	12.369	11.829	11.828	9.363	2.25
9.567	9.567	16.492	15.771	15.771	12.484	3

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



R3-1

MOVEMENT PROHIBITION - NO RIGHT TURN

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N
24	0.375	0.625	1.5	10.5	4.016	7.5	2	2.531	2.75	6.375	6.75	1.5
36	0.625	0.875	2.25	15.75	6.023	11.25	3	3.797	4.125	9.563	10.125	2.25
48	0.75	1.25	3	21	8.031	15	4	5.063	5.5	12.75	13.5	3

COLORS: CIRCLE, DIAGONAL — RED (RETROREFLECTIVE)
 ARROW, BORDER — BLACK
 BACKGROUND — WHITE (RETROREFLECTIVE)



R3-1a

NO RIGHT TURN ACROSS TRACKS (ACTIVATED BLANK-OUT)

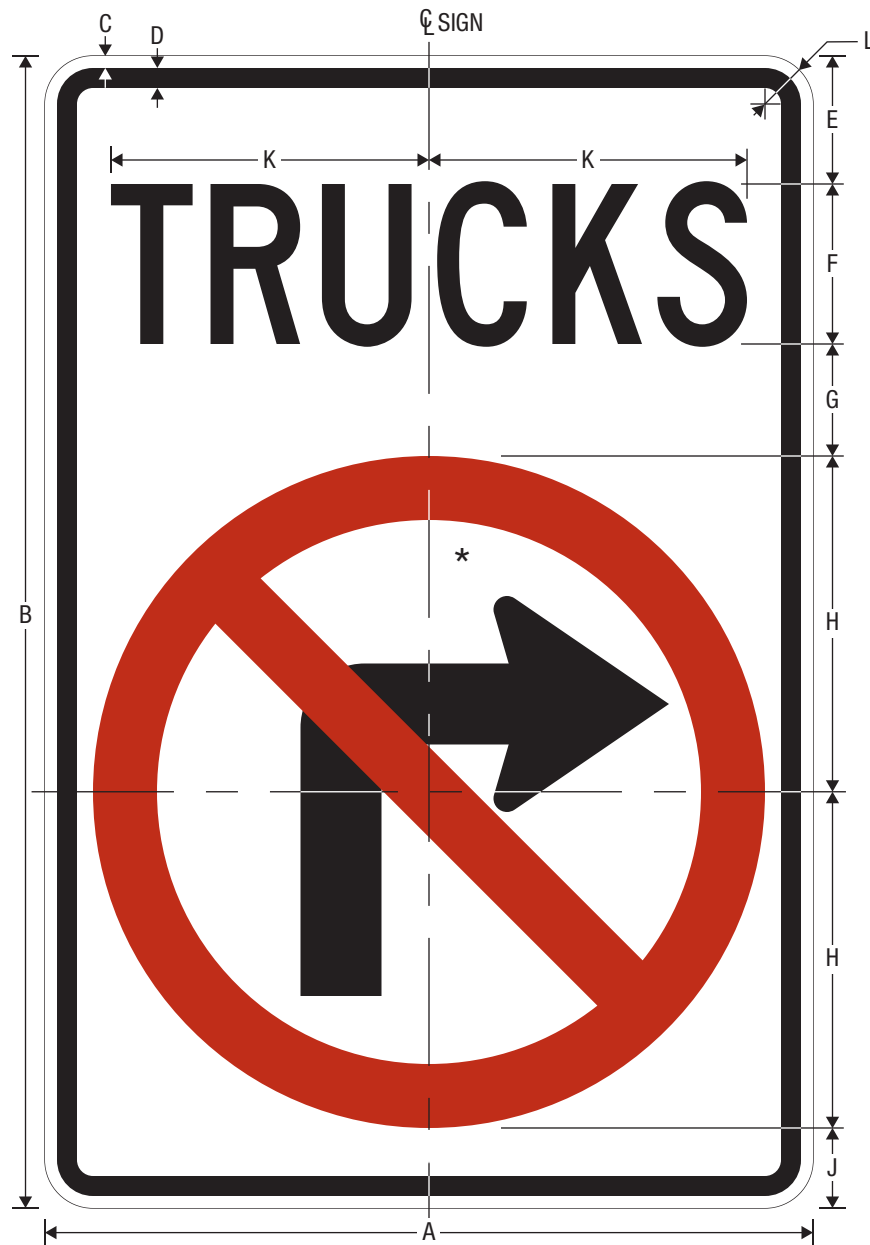
* See page 7-3 for arrow design.

** Increase Spacing 100%.

A	B	C	D	E	F	G	H	J
24	30	1.5	10.5	2	4 D**	1.5	4.016	7.5
30	36	1.5	13.125	1.5	5 D**	1.75	5.020	9.375

K	L	M	N	P	Q	R	S
2	2.531	2.75	6.375	2	8.465	8.464	6.75
2.5	3.164	3.438	7.969	2.5	10.581	10.580	8.438

COLORS: CIRCLE, DIAGONAL — RED
ARROW, LEGEND — WHITE
BACKGROUND — BLACK



R3-1b

MOVEMENT PROHIBITION, VEHICLE CLASS - 1 LINE

* NO RIGHT TURN shown as an example,
see pages 2-39, 2-48, 2-51, 2-118, or 2-133
for movement prohibition details.

A	B	C	D	E	F	G	H	J	K	L
24	36	0.375	0.625	4	5 C	3.5	10.5	2.5	VAR	1.5
36	54	0.625	0.875	6.75	7.5 C	5.25	15.75	3	VAR	2.25

COLORS: CIRCLE, DIAGONAL — RED (RETROREFLECTIVE)
LEGEND, ARROW, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-1c

MOVEMENT PROHIBITION, VEHICLE CLASS – 2 LINES

* NO RIGHT TURN shown as an example,
see pages 2-39, 2-48, 2-51, 2-118, or 2-133
for movement prohibition details.

A	B	C	D	E	F	G	H	J	K	L	M
24	42	0.375	0.625	4.5	4 D	3	10.5	2.5	VAR	VAR	1.5
36	60	0.625	0.875	5.5	6 D	4	15.75	3	VAR	VAR	2.25

COLORS: CIRCLE, DIAGONAL — RED (RETROREFLECTIVE)
LEGEND, ARROW, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-1d

MOVEMENT PROHIBITION, VEHICLE CLASS – 3 LINES

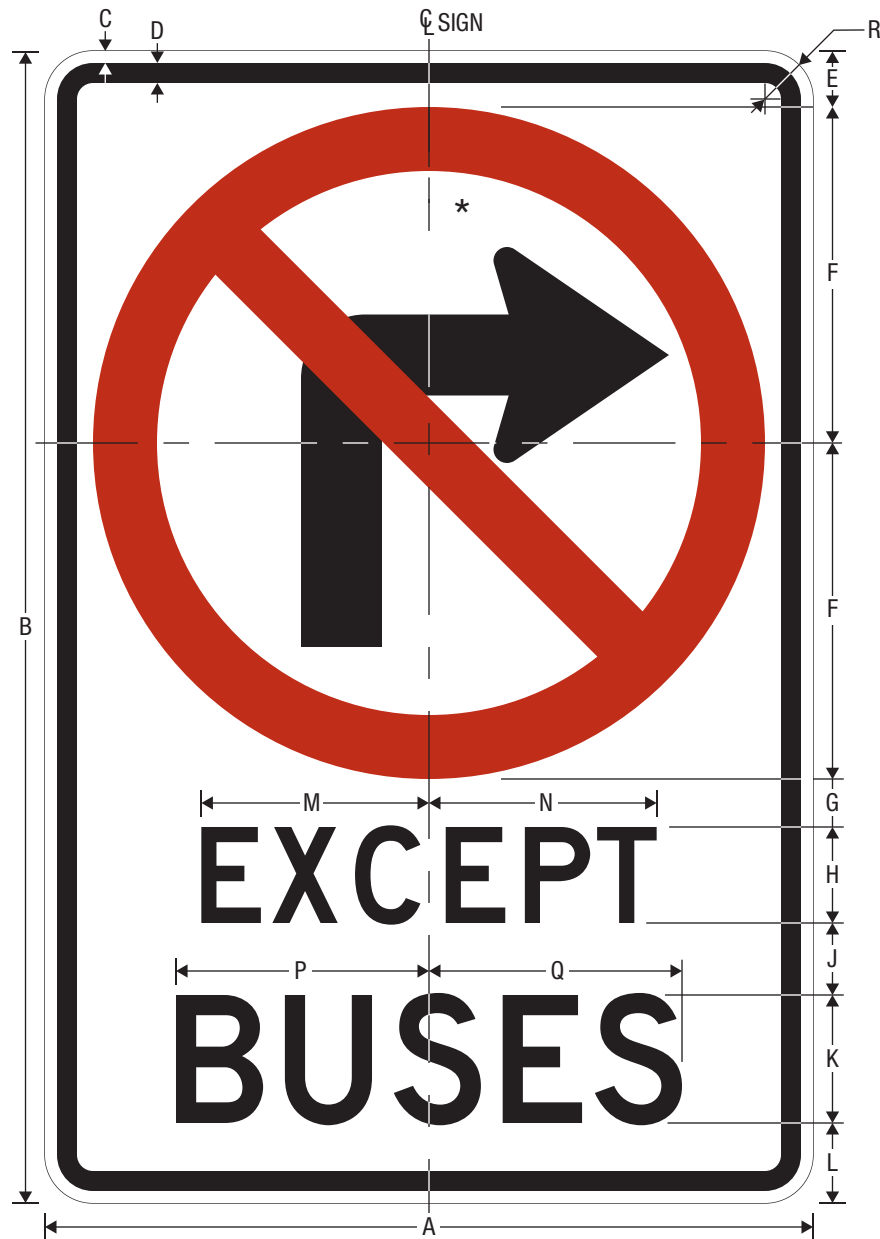
* NO RIGHT TURN shown as an example, see pages 2-39, 2-48, 2-51, 2-118, or 2-133 for movement prohibition details.

** Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K
24	48	0.375	0.625	3.75	4 D**	3	4 D	3	10.5
36	66	0.625	0.875	4.75	6 D**	3.5	6 D	2.5	15.75

L	M	N	P	Q	R	S	T	U
2.25	9.464	9.463	6.444	VAR	VAR	3	12.849	1.5
2.25	14.196	14.195	9.666	VAR	VAR	4.5	19.274	2.25

COLORS: CIRCLE, DIAGONAL — RED (RETROREFLECTIVE)
LEGEND, ARROW, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-1e

MOVEMENT PROHIBITION, VEHICLE EXCEPTION - 1 LINE

* NO RIGHT TURN shown as an example, see pages 2-39, 2-48, 2-51, 2-118, or 2-133 for movement prohibition details.

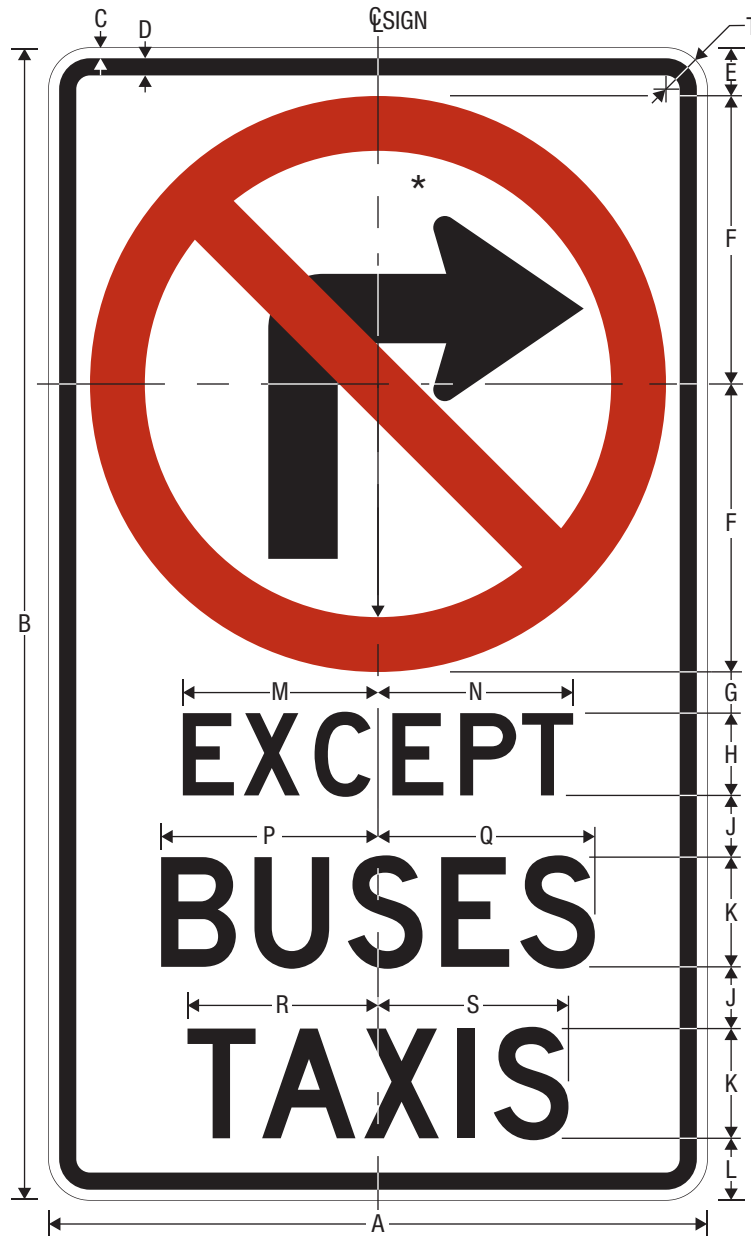
** Increase Spacing 20%.

*** Reduce Spacing 20%.

A	B	C	D	E	F	G	H
24	36	0.375	0.625	1.75	10.5	1.5	3 D**
36	54	0.625	0.875	2.5	15.75	2	5 D***

J	K	L	M	N	P	Q	R
2.25	4 D	2.5	7.115	7.114	VAR	VAR	1.5
3	6 D	4	11.158	11.157	VAR	VAR	2.25

COLORS: CIRCLE, DIAGONAL — RED (RETROREFLECTIVE)
 LEGEND, ARROW, BORDER — BLACK
 BACKGROUND — WHITE (RETROREFLECTIVE)



R3-1f

MOVEMENT PROHIBITION, VEHICLE EXCEPTION - 2 LINES

* NO RIGHT TURN shown as an example, see pages 2-39,
2-48, 2-51, 2-118, or 2-133 for movement prohibition details.

** Increase Spacing 20%.

*** Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J
24	42	0.375	0.625	1.75	10.5	1.5	3 D**	2.25
36	66	0.625	0.875	3.5	15.75	3	5 D***	3

K	L	M	N	P	Q	R	S	T
4 D	2.25	7.115	7.114	VAR	VAR	VAR	VAR	1.5
6 D	5	11.158	11.157	VAR	VAR	VAR	VAR	2.25

COLORS: CIRCLE, DIAGONAL — RED (RETROREFLECTIVE)
LEGEND, ARROW, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-1g

MOVEMENT PROHIBITION, PART-TIME - 2 LINE

* NO RIGHT TURN shown as an example, see pages 2-39, 2-48, 2-51, 2-118, or 2-133 for movement prohibition details.

** Reduce Spacing 30%.

A	B	C	D	E	F	G	H	J	K	L
24	36	0.375	0.625	1.75	10.5	1.75	3.5 D**	2	3.5 D	2.5
36	54	0.625	0.875	2.5	15.75	3	5 D	3	5 D	4

M	N	P	Q	R	S	T	U	V	W	X
VAR	VAR	1	VAR	1.225	VAR	VAR	VAR	VAR	VAR	1.5
VAR	VAR	1	VAR	1.75	VAR	VAR	VAR	VAR	VAR	2.25

COLORS: CIRCLE, DIAGONAL — RED (RETROREFLECTIVE)
 LEGEND, ARROW, BORDER — BLACK
 BACKGROUND — WHITE (RETROREFLECTIVE)



R3-1h

MOVEMENT PROHIBITION, PART-TIME - 3 LINE

* NO RIGHT TURN shown as an example, see pages 2-39, 2-48, 2-51, 2-118, or 2-133 for movement prohibition details.

** Reduce Spacing 30%.

A	B	C	D	E	F	G	H	J	K	L	M
24	42	0.375	0.625	1.75	10.5	2	3.5 D**	2	3.5 D	2.75	VAR
36	66	0.625	0.875	3.5	15.75	4	5 D	3.5	5 D	5	VAR

N	P	Q	R	S	T	U	V	W	X	Y
VAR	0.5	VAR	1	1.225	VAR	VAR	VAR	VAR	VAR	1.5
VAR	0.5	VAR	1	1.75	VAR	VAR	VAR	VAR	VAR	2.25

COLORS: CIRCLE, DIAGONAL — RED (RETROREFLECTIVE)
 LEGEND, ARROW, BORDER — BLACK
 BACKGROUND — WHITE (RETROREFLECTIVE)



R3-1h

MOVEMENT PROHIBITION, PART-TIME - 3 LINE

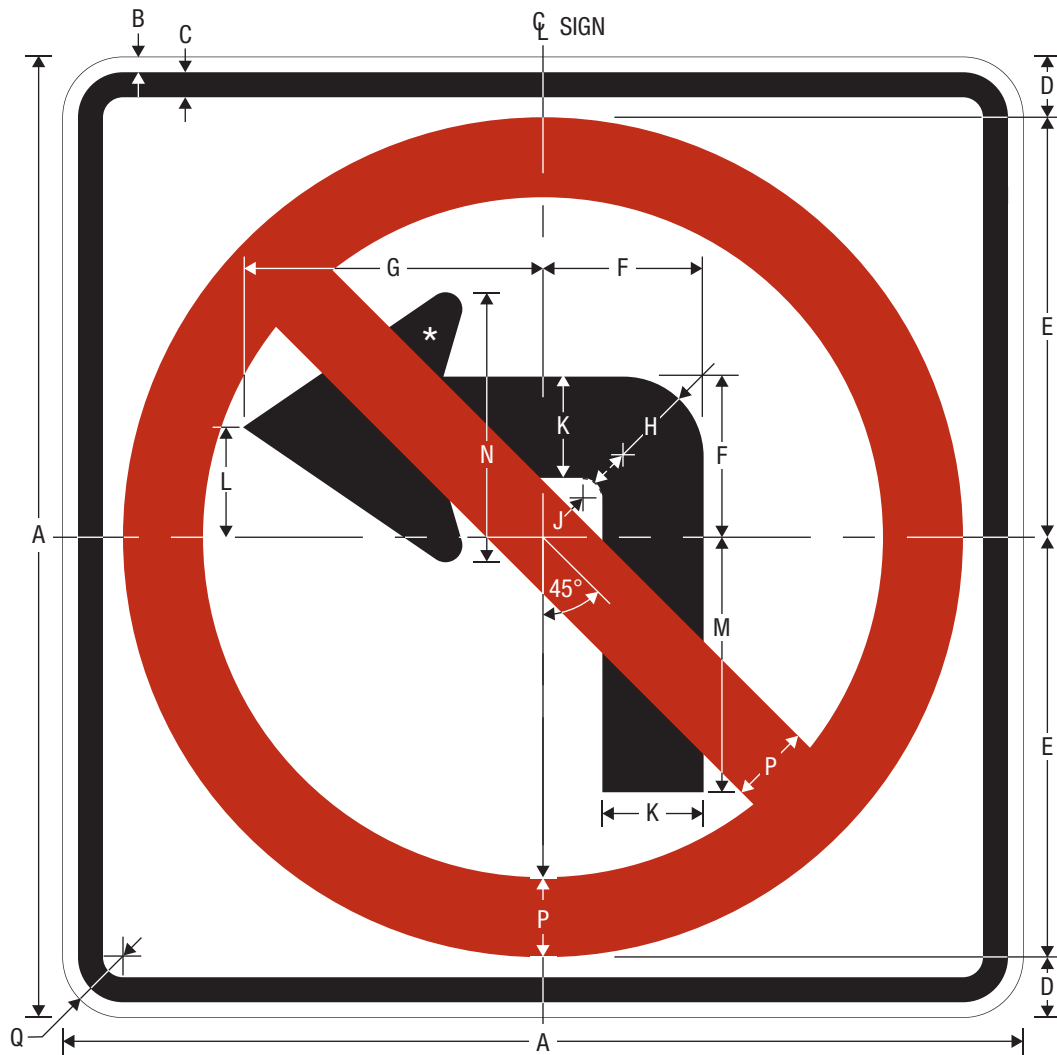
* NO RIGHT TURN shown as an example, see pages 2-39, 2-48, 2-51, 2-118, or 2-133 for movement prohibition details.

** Reduce Spacing 30%.

A	B	C	D	E	F	G	H	J	K	L
24	42	0.375	0.625	1.75	10.5	2	3.5 D**	2	3.5 D	2.75
36	66	0.625	0.875	3.5	15.75	4	5 D	3.5	5 D	5

M	N	P	Q	R	S	T	U	V	W
VAR	VAR	1	VAR	1.225	VAR	VAR	VAR	VAR	1.5
VAR	VAR	1.5	VAR	1.75	VAR	VAR	VAR	VAR	2.25

COLORS: CIRCLE, DIAGONAL — RED (RETROREFLECTIVE)
 LEGEND, ARROW, BORDER — BLACK
 BACKGROUND — WHITE (RETROREFLECTIVE)



R3-2
MOVEMENT PROHIBITION - NO LEFT TURN

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
24	0.375	0.625	1.5	10.5	4.016	7.5	2	0.5	2.531	2.75	6.375	6.75	2	1.5
36	0.625	0.875	2.25	15.75	6.023	11.25	3	0.75	3.797	4.125	9.563	10.125	3	2.25
48	0.75	1.25	3	21	8.031	15	4	1	5.063	5.5	12.75	13.5	4	3

COLORS: CIRCLE, DIAGONAL — RED (RETROREFLECTIVE)
ARROW, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-2a

NO LEFT TURN ACROSS TRACKS (ACTIVATED BLANK-OUT)

* See page 7-3 for arrow design.

** Increase Spacing 100%.

A	B	C	D	E	F	G	H	J
24	30	1.5	10.5	2	4 D**	1.5	4.016	7.5
30	36	1.5	13.125	1.5	5 D**	1.75	5.020	9.375

K	L	M	N	P	Q	R	S	T
2	0.5	2.531	2.75	6.375	2	8.465	8.464	6.75
2.5	0.625	3.164	3.438	7.969	2.5	10.581	10.580	8.438

COLORS: CIRCLE, DIAGONAL — RED
ARROW, LEGEND — WHITE
BACKGROUND — BLACK



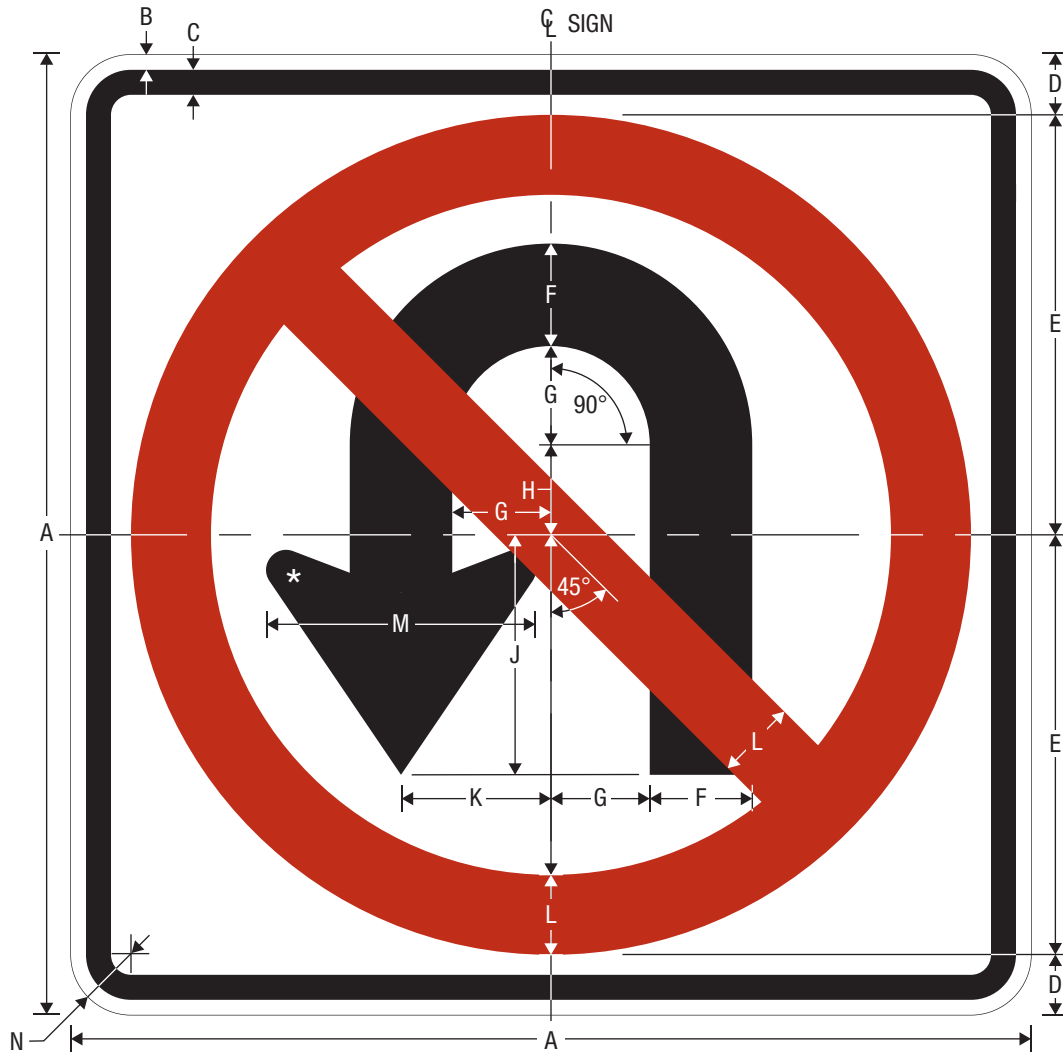
R3-3

MOVEMENT PROHIBITION - NO TURNS

* Reduce Spacing 35%.

A	B	C	D	E	F	G	H	J	K	L	M
24	0.375	0.625	4.5	6 D	4	5 D*	4.834	4.834	9.545	9.544	1.5
36	0.625	0.875	6	10 D	6	8 D*	8.057	8.056	15.271	15.271	2.25
48	0.75	1.25	9	12 D	8	10 D*	9.668	9.667	19.089	19.089	3

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



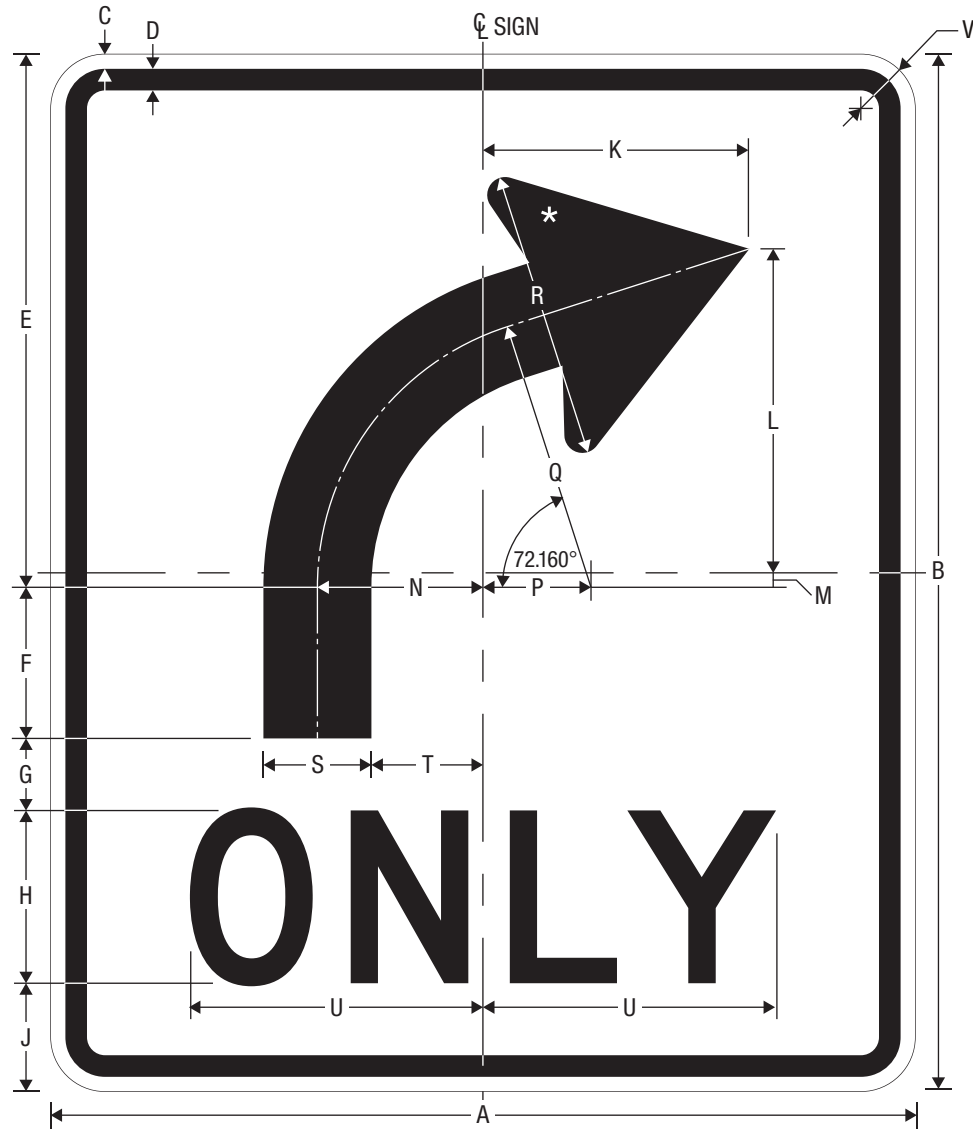
R3-4

MOVEMENT PROHIBITION - NO U TURN

* See page 7-3 for arrow design.

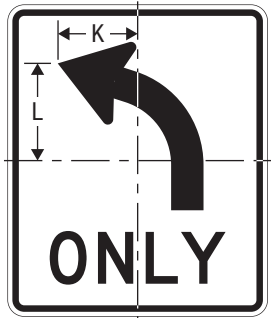
A	B	C	D	E	F	G	H	J	K	L	M	N
24	0.375	0.625	1.5	10.5	2.531	2.484	2.25	6	3.75	2	6.75	1.5
36	0.625	0.875	2.25	15.75	3.797	3.728	3.375	9	5.625	3	10.125	2.25
48	0.75	1.25	3	21	5.063	4.969	4.5	12	7.5	4	13.5	3

COLORS: CIRCLE, DIAGONAL — RED (RETROREFLECTIVE)
 ARROW, BORDER — BLACK
 BACKGROUND — WHITE (RETROREFLECTIVE)



R3-5R

MANDATORY MOVEMENT LANE CONTROL - TURN ONLY



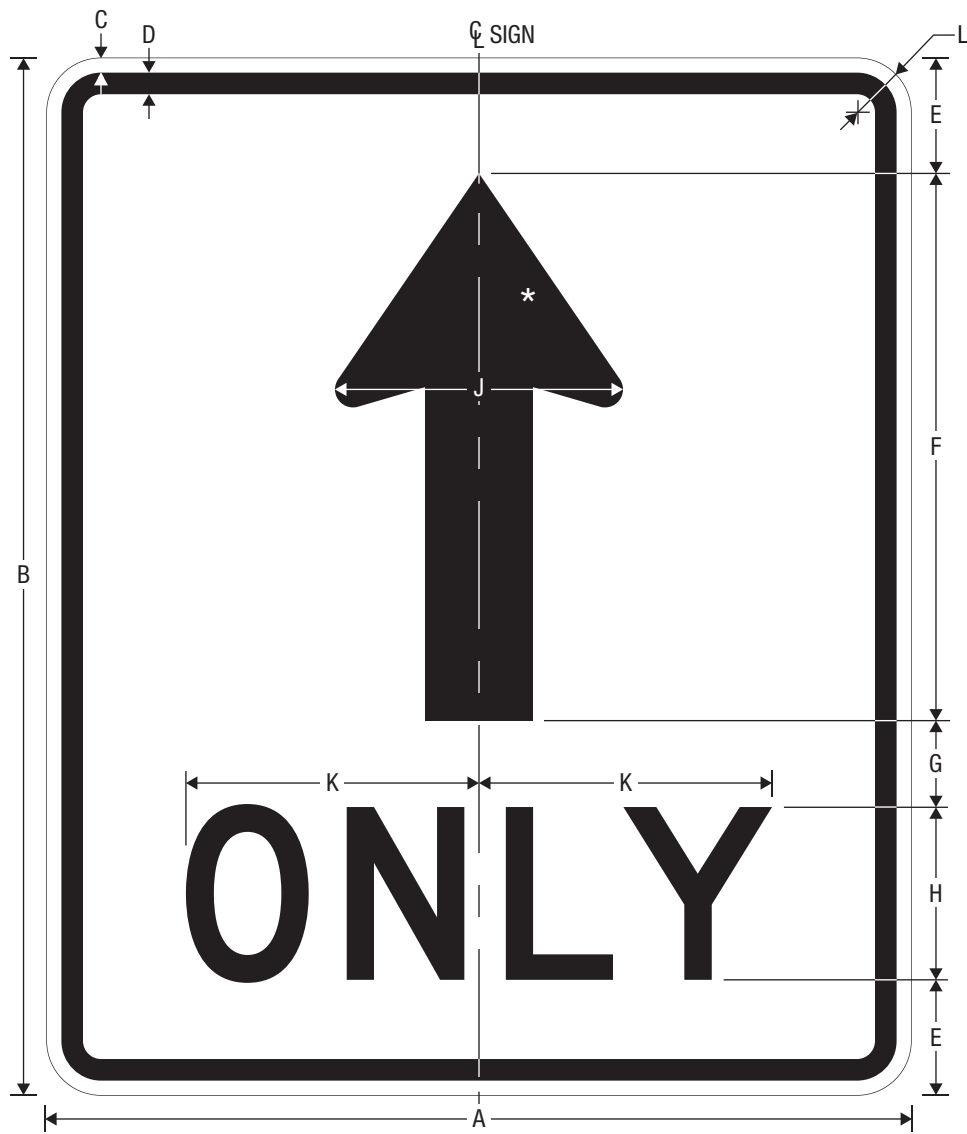
R3-5L

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
30	36	0.5	0.75	18	5.75	2.5	6 D	3.75	9.25

L	M	N	P	Q	R	S	T	U	V
11.25	0.5	5.75	3.75	9.5	10	3.75	3.875	10.176	1.875

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



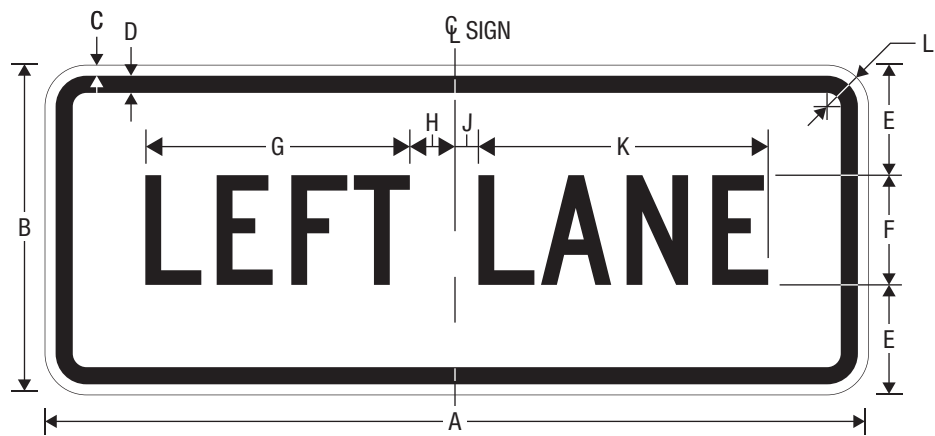
R3-5a

MANDATORY MOVEMENT LANE CONTROL - THROUGH ONLY

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
30	36	0.5	0.75	4	19	3	6 D	10	10.176	1.875

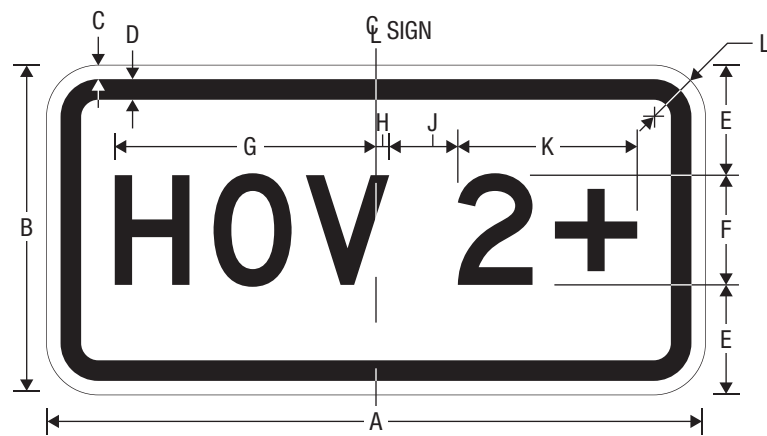
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-5bP
LEFT LANE (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L
30	12	0.375	0.625	4	4 C	9.644	1.710	0.790	10.564	1.5

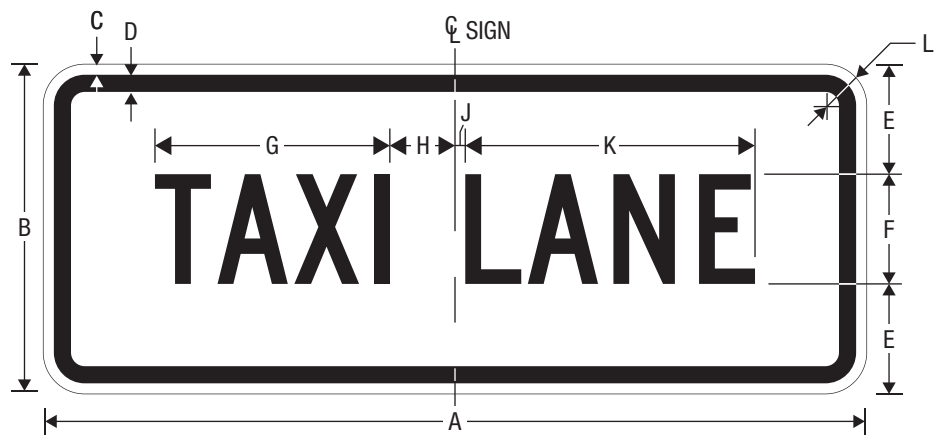
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-5cP
HOV 2+ (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L
24	12	0.5	0.75	4	4 D	9.524	0.483	2.5	6.540	1.875

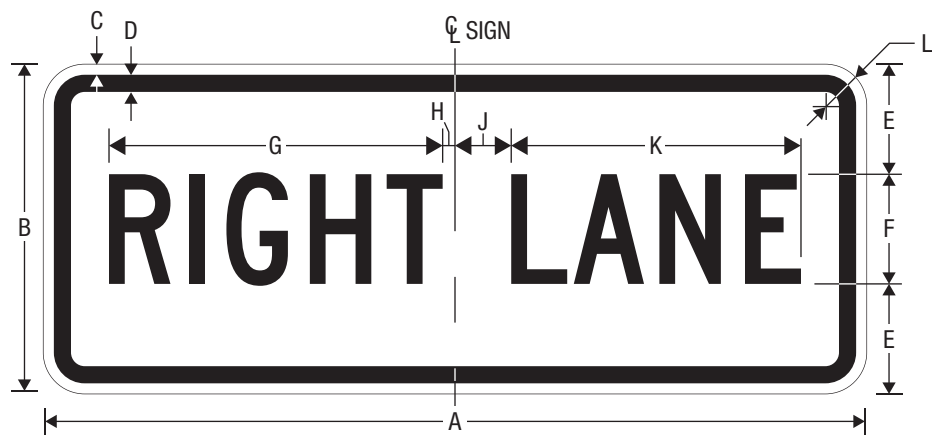
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-5dP
TAXI LANE (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L
30	12	0.375	0.625	4	4 C	8.563	2.376	0.374	10.564	1.5

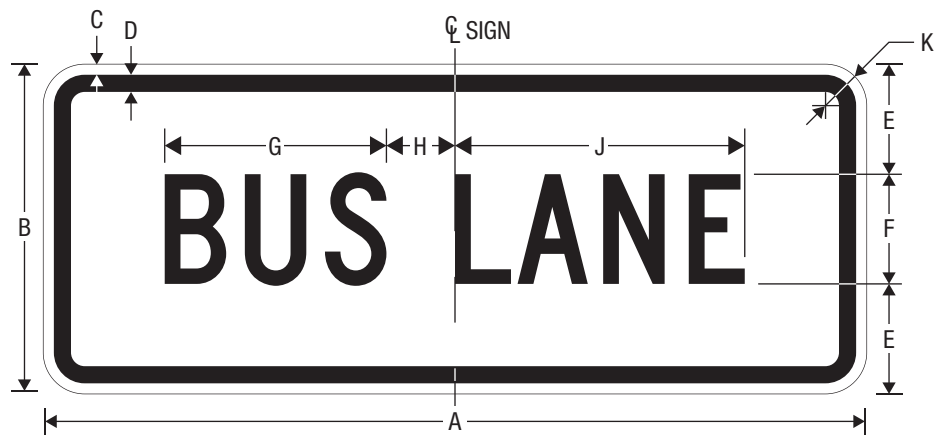
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-5fP
RIGHT LANE (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L
30	12	0.375	0.625	4	4 C	12.164	0.450	2.050	10.564	1.5

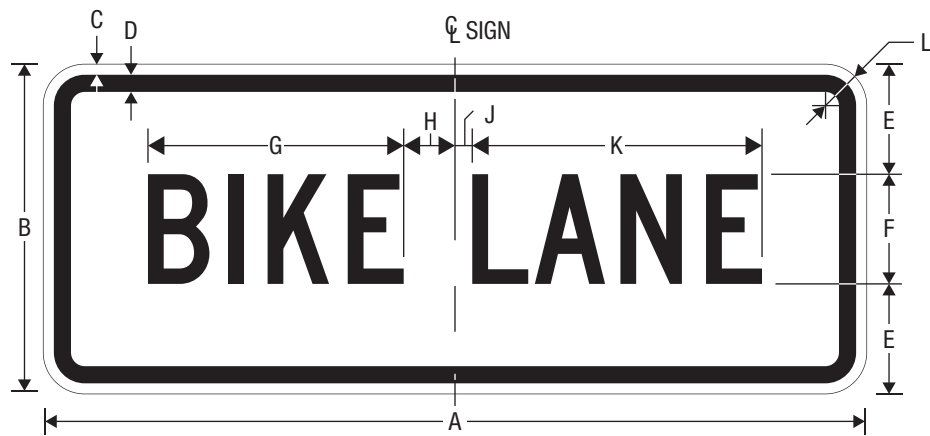
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-5gP
BUS LANE (PLAQUE)

A	B	C	D	E	F	G	H	J	K
30	12	0.375	0.625	4	4 C	8.083	2.5	10.564	1.5

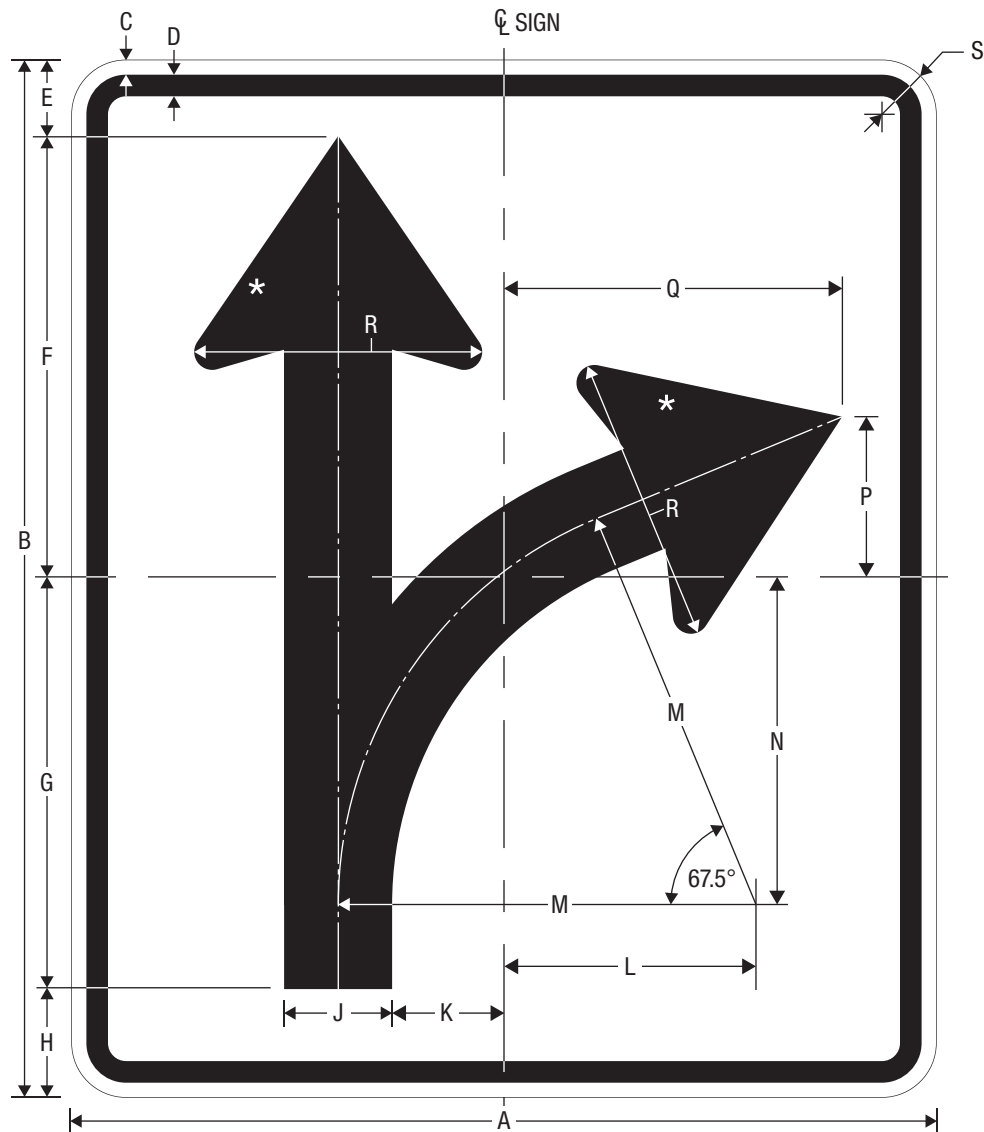
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-5hP
BIKE LANE (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L
30	12	0.375	0.625	4	4 C	9.323	1.871	0.629	10.564	1.5

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



R3-6R

OPTIONAL MOVEMENT LANE CONTROL - THRU AND TURN

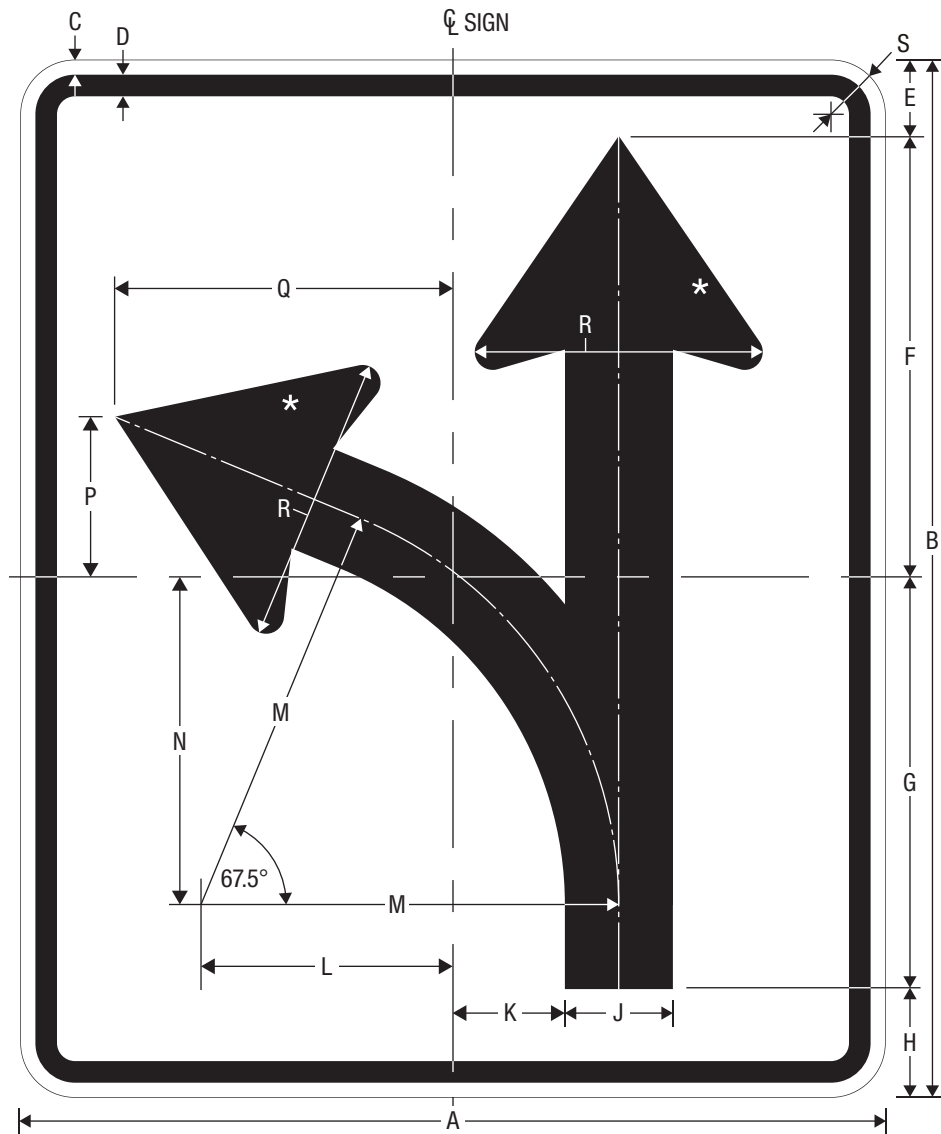
* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
30	36	0.5	0.75	2.625	15.375	14.25	3.75	3.75

K	L	M	N	P	Q	R	S
3.875	8.75	14.5	11.313	5.625	11.75	10	1.875

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

2-60-1



R3-6L

OPTIONAL MOVEMENT LANE CONTROL - THRU AND TURN

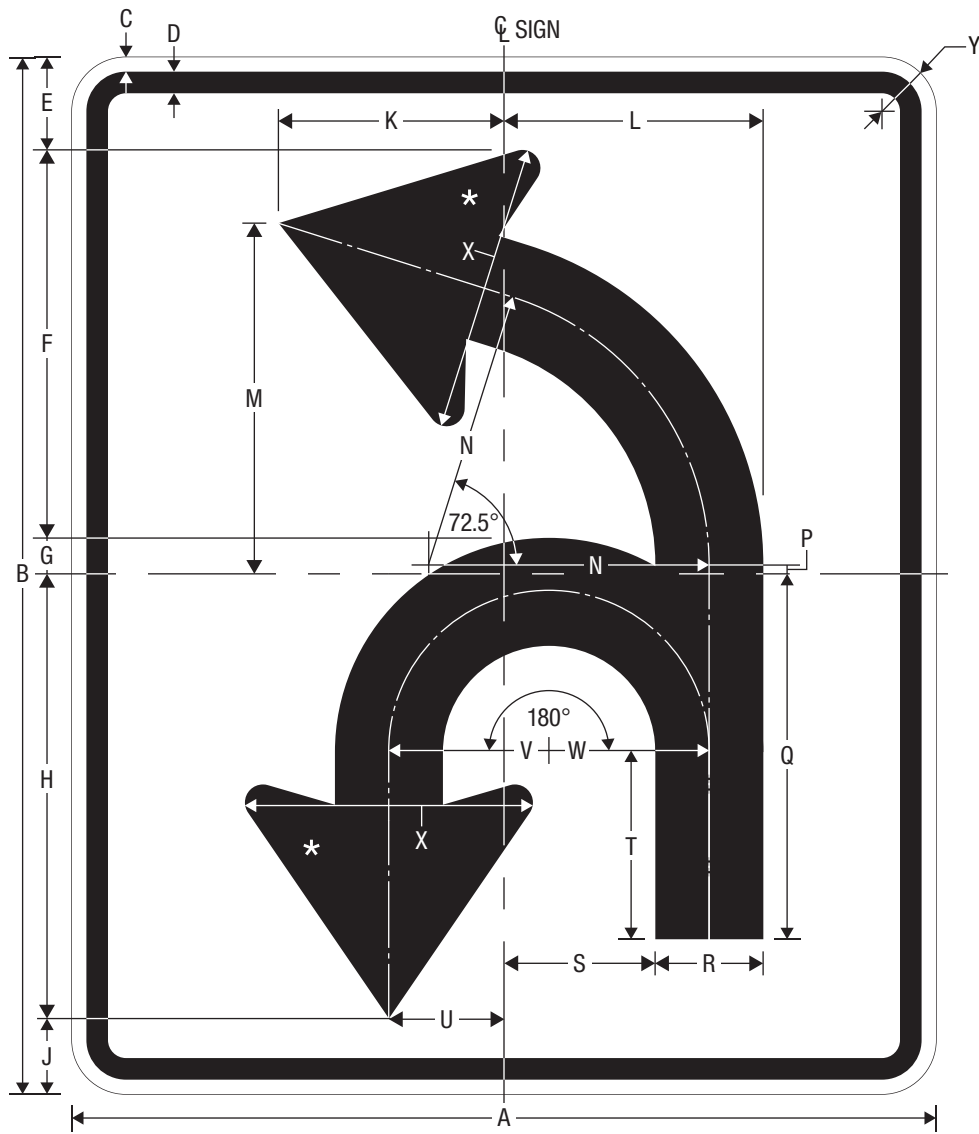
* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
30	36	0.5	0.75	2.625	15.375	14.25	3.75	3.75

K	L	M	N	P	Q	R	S
3.875	8.75	14.5	11.313	5.625	11.75	10	1.875

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

2-60-2



R3-6a

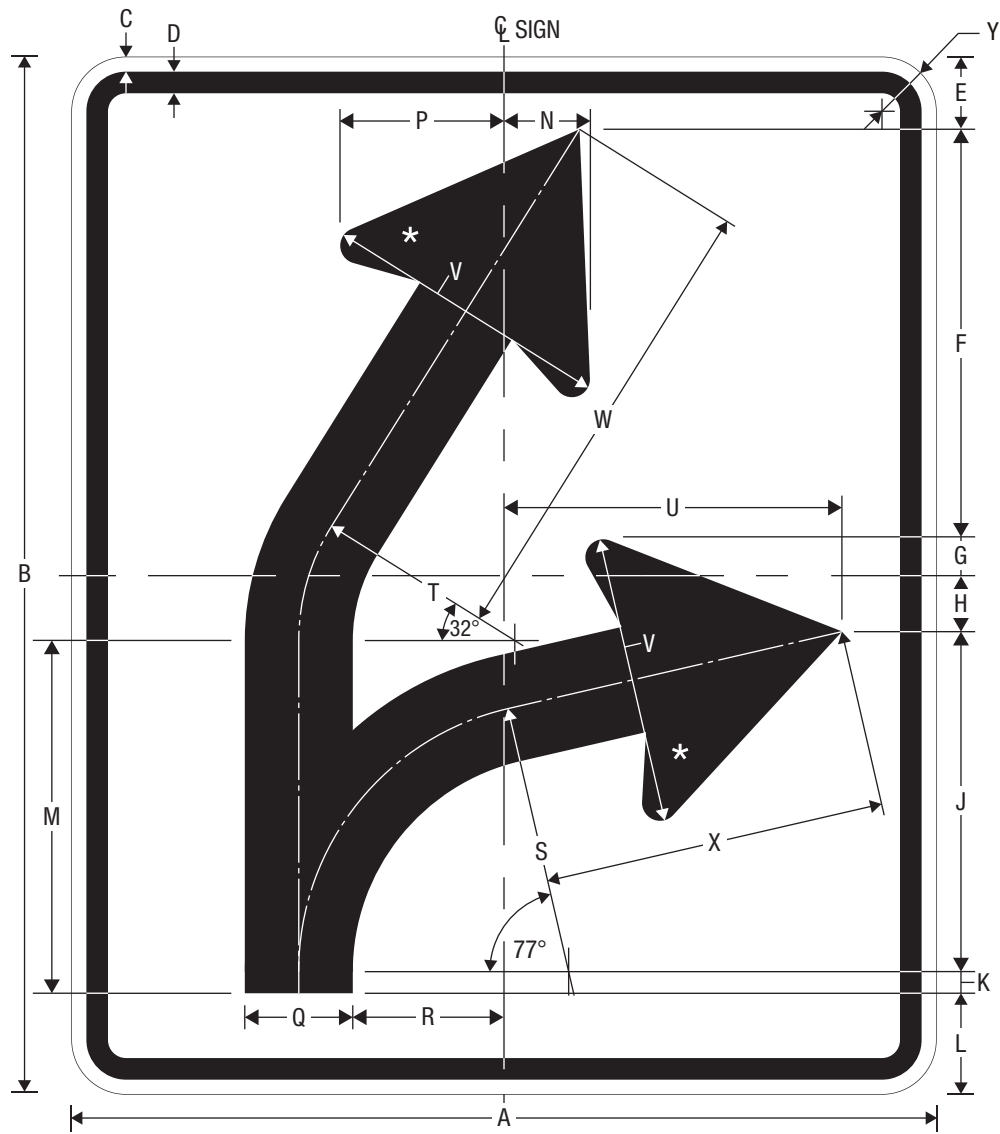
OPTIONAL MOVEMENT LANE CONTROL - U AND LEFT TURNS

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
30	36	0.5	0.75	3.217	13.470	1.313	15.375	2.625	7.833	9	12.240

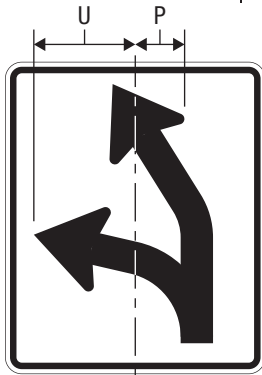
N	P	Q	R	S	T	U	V	W	X	Y
9.75	0.375	12.625	3.75	5.25	6.5	4	5.563	5.562	10	1.875

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



R3-6bR

OPTIONAL MOVEMENT LANE CONTROL - OBLIQUE



R3-6bL

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
30	36	0.5	0.75	2.5	14.237	1.263	1.937	11.813	0.75	3.5	11.5

N	P	Q	R	S	T	U	V	W	X	Y
2.983	5.687	3.75	5.25	9.375	7.5	11.741	10	16.244	11.905	1.875

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



R3-7R

RIGHT LANE MUST TURN RIGHT

* Reduce Spacing 40%.

** Reduce Spacing 20%.

A	B	C	D	E	F	G	H
30	0.5	0.75	4.5	4 C	4	5 C	12.164
36	0.625	0.875	5	5 C*	5	6 C	13.785
48	0.75	1.25	7	6.5 C**	6.5	8 C	18.844

J	K	L	M	N	P	Q	R
0.450	2.050	10.564	6.928	10.884	1.890	0.610	1.875
0.853	2.272	12.365	8.314	12.545	2.183	0.942	2.25
0.889	3.111	16.621	11.085	16.998	2.923	1.077	3

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

2-63-1



R3-7L

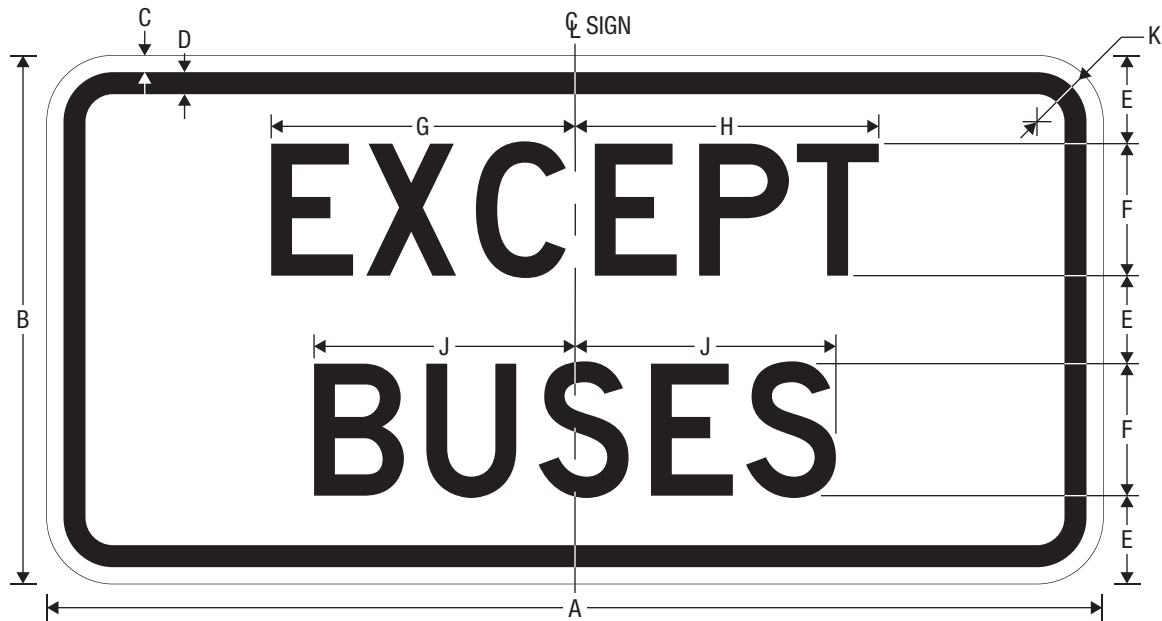
LEFT LANE MUST TURN LEFT

A	B	C	D	E	F	G	H
30	0.5	0.75	4.5	4 C	4	5 C	9.644
36	0.625	0.875	5	5 C	5	6 C	12.055
48	0.75	1.25	7	6.5 C	6.5	8 C	15.672

J	K	L	M	N	P	Q	R
1.710	0.790	10.564	6.928	10.884	0.630	1.870	1.875
2.138	0.987	13.205	8.314	13.605	0.788	2.337	2.25
2.748	1.252	17.167	11.085	17.687	0.993	3.007	3

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

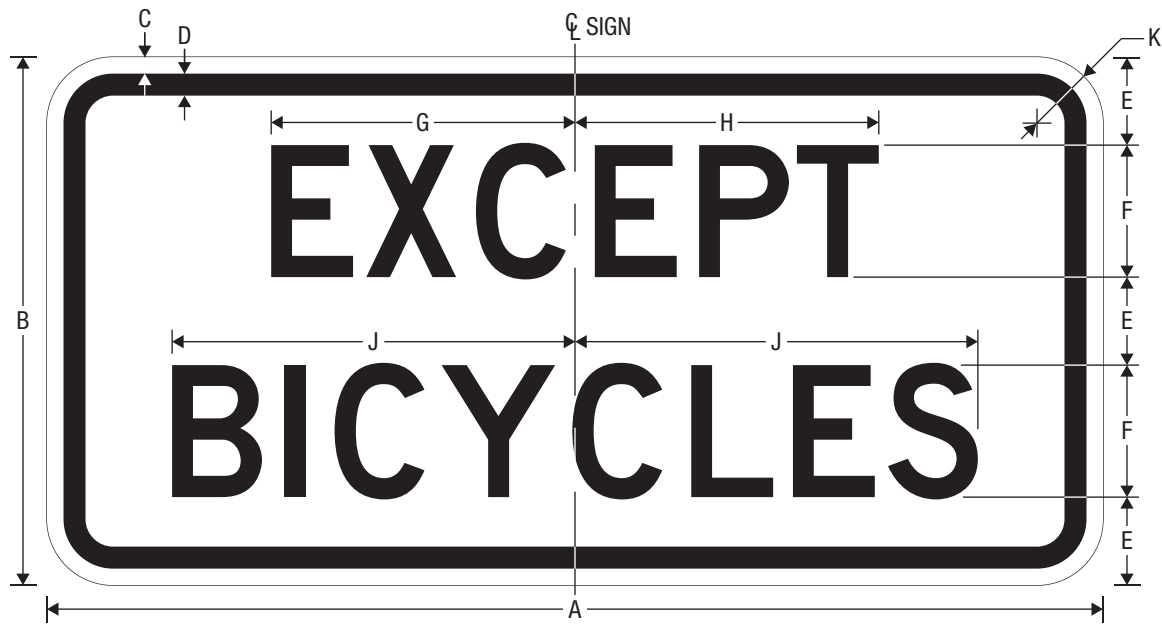
2-63-2



R3-7aP
EXCEPT BUSES (PLAQUE)

A	B	C	D	E	F	G	H	J	K
24	12	0.375	0.5	2	3 D	6.905	6.904	5.930	1.5

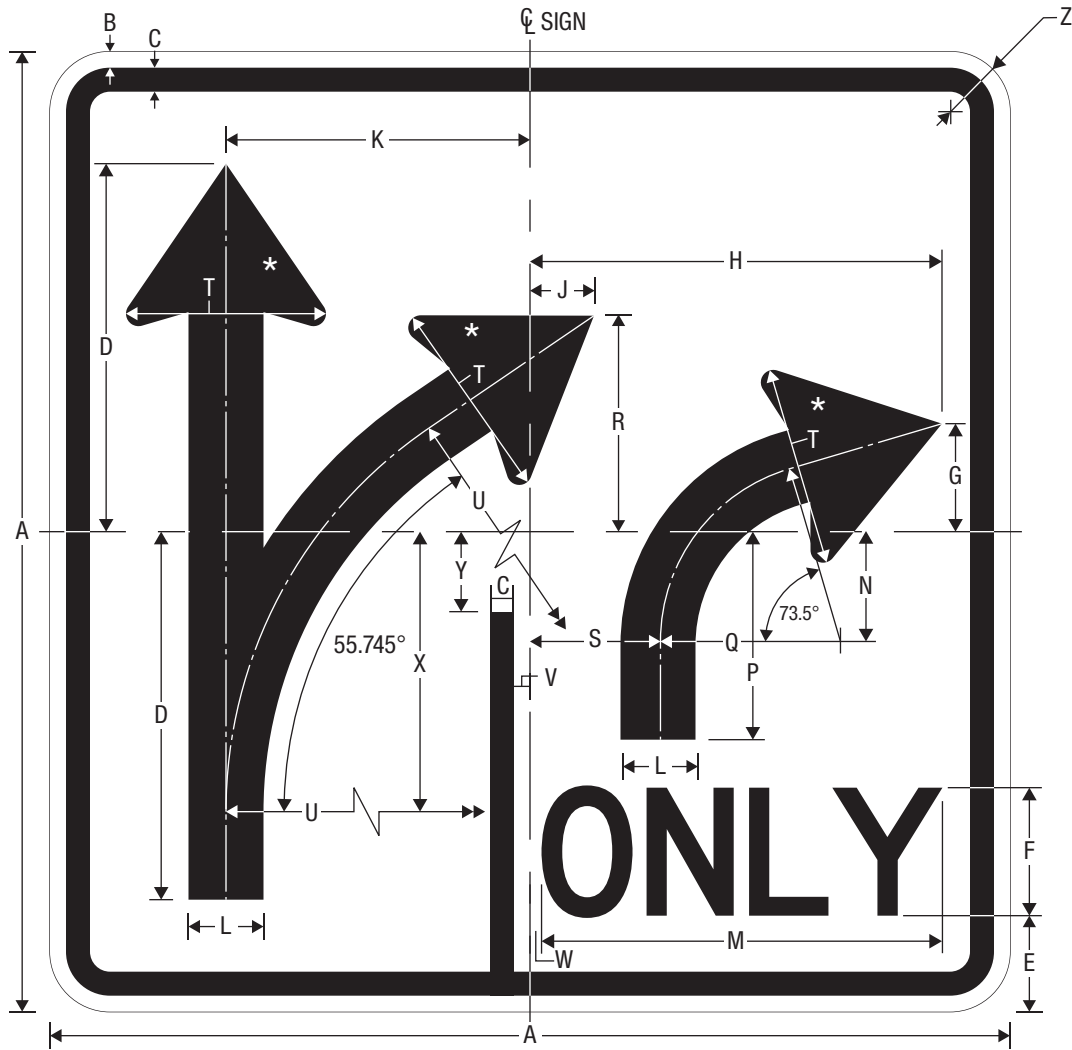
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-7bP
EXCEPT BICYCLES (PLAQUE)

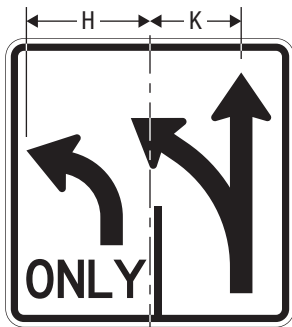
A	B	C	D	E	F	G	H	J	K
24	12	0.375	0.5	2	3 D	6.905	6.904	9.156	1.5

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



R3-8R

ADVANCE INTERSECTION LANE CONTROL (2 LANES)



R3-8L

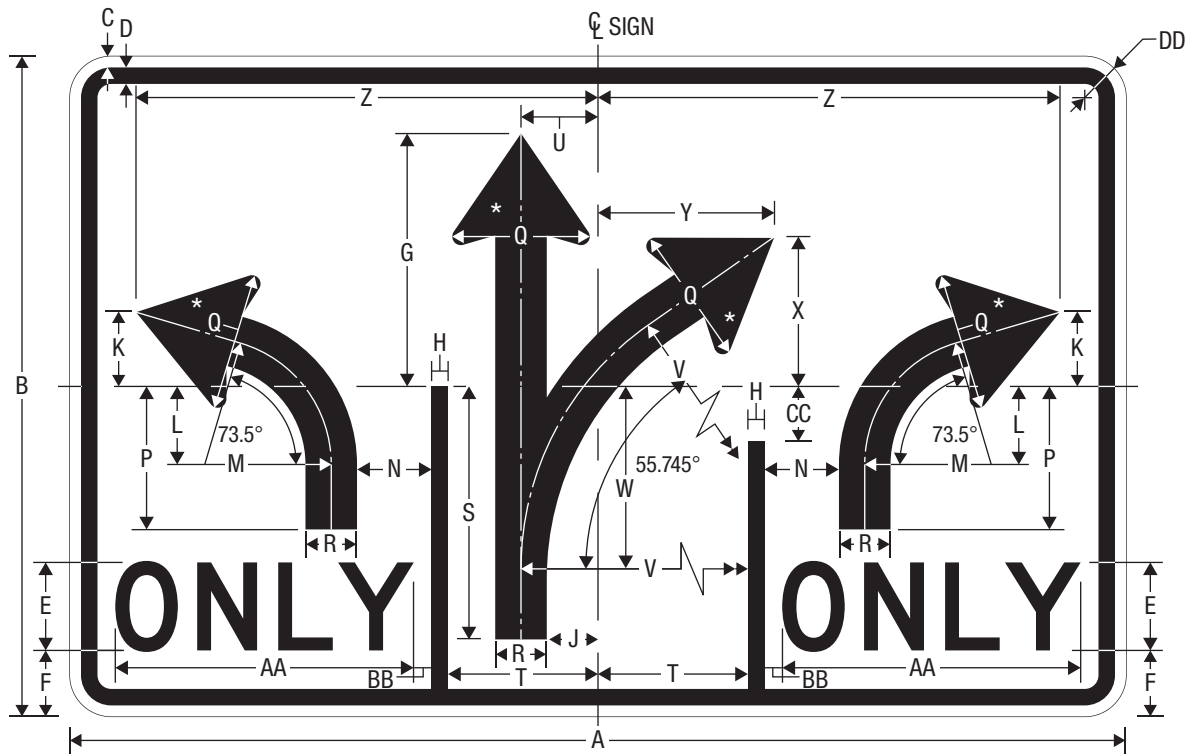
* See page 7-3 for arrow design.

** Reduce Spacing 50%.

A	B	C	D	E	F	G	H	J	K	L	M
30	0.5	0.75	11.5	3	4 D**	3.375	12.875	2	9.5	2.344	12.528
36	0.625	0.875	13.75	3.5	5 D**	4	15.375	2.300	11.5	2.813	15.660

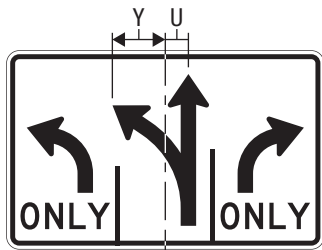
N	P	Q	R	S	T	U	V	W	X	Y	Z
3.548	6.5	5.75	6.75	4	6.25	14.5	0.5	0.361	8.75	2.5	1.875
4.281	7.75	6.875	8.100	4.75	7.5	17.400	0.600	0.120	10.5	3	2.25

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



R3-8aR

ADVANCE INTERSECTION LANE CONTROL (3 LANES)



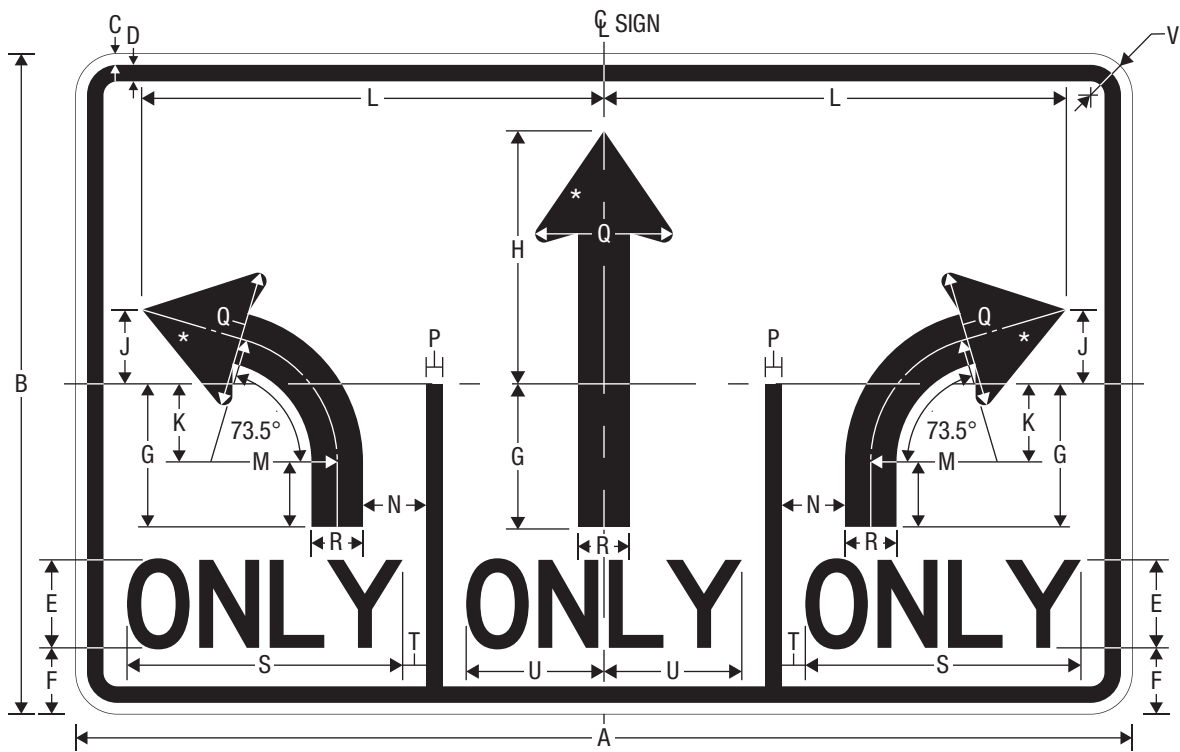
R3-8aL

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
48	30	0.5	0.75	4 D	3	11.5	0.75	2.328	3.375	3.548	5.75	3.390	6.5
60	36	0.625	0.875	5 D	3.5	13.75	0.875	2.844	4	4.281	6.875	4.532	7.75

Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD
6.25	2.344	11.5	6.813	3.5	14.5	8.75	6.75	8	21	13.568	0.810	2.5	1.875
7.5	2.813	13.75	8.812	4.25	17.400	10.5	8.100	9.550	26.25	16.960	0.927	3	2.25

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



R3-8b

ADVANCE INTERSECTION LANE CONTROL (3 LANES)

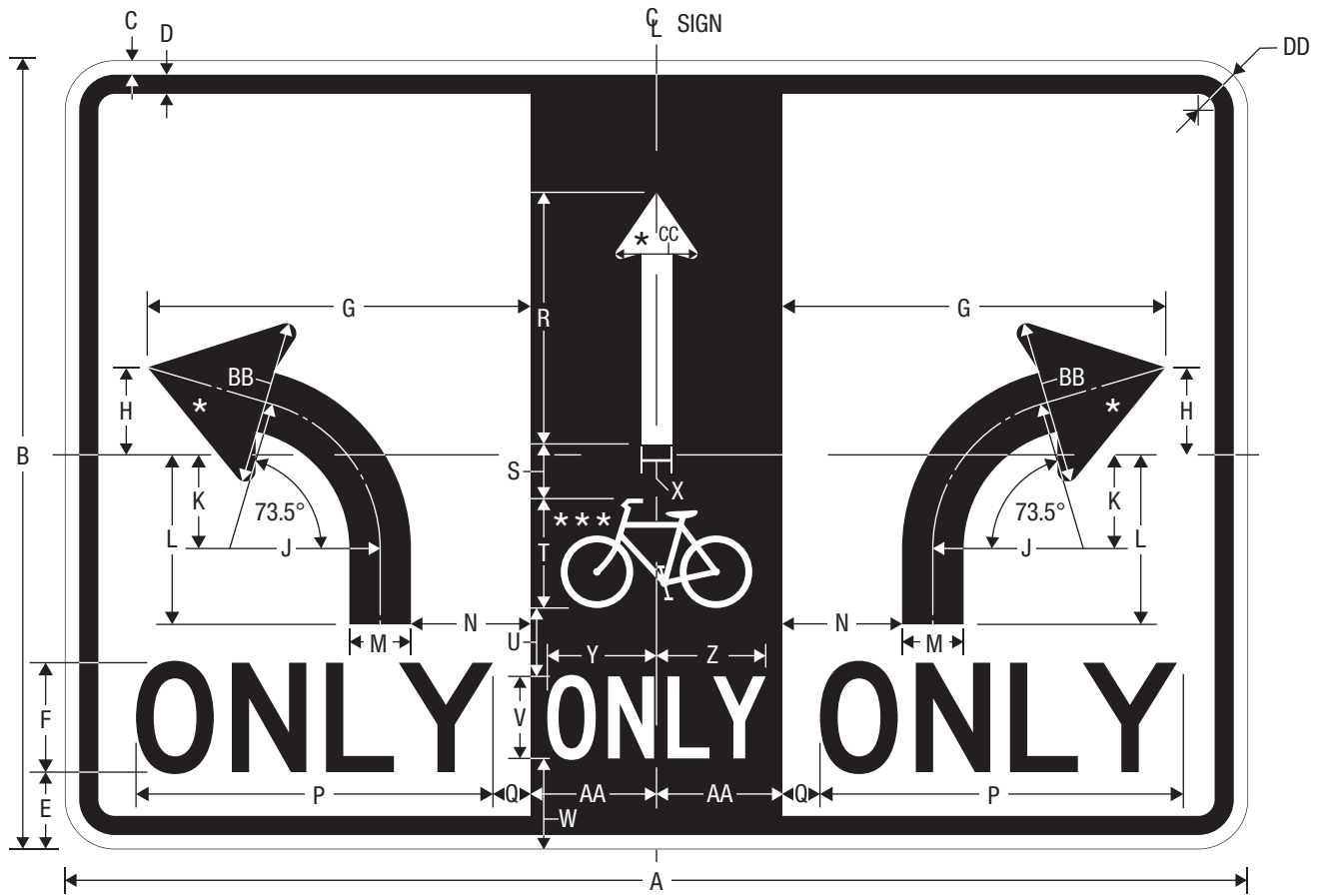
* See page 7-3 for arrow design.

** Reduce Spacing 50%.

A	B	C	D	E	F	G	H	J	K
48	30	0.5	0.75	4 D**	3	6.5	11.5	3.375	3.548
60	36	0.625	0.875	5 D**	3.5	7.75	13.75	4	4.281

L	M	N	P	Q	R	S	T	U	V
21	5.75	2.870	0.75	6.25	2.344	12.528	1.069	6.264	1.875
26.25	6.875	4.135	0.875	7.5	2.813	15.660	1.378	7.830	2.25

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



R3-8xa

ADVANCE INTERSECTION LANE CONTROL WITH BIKE LANE

* See page 7-3 for arrow design.

** Reduce Spacing 25%.

*** See page 8-4 for symbol design.

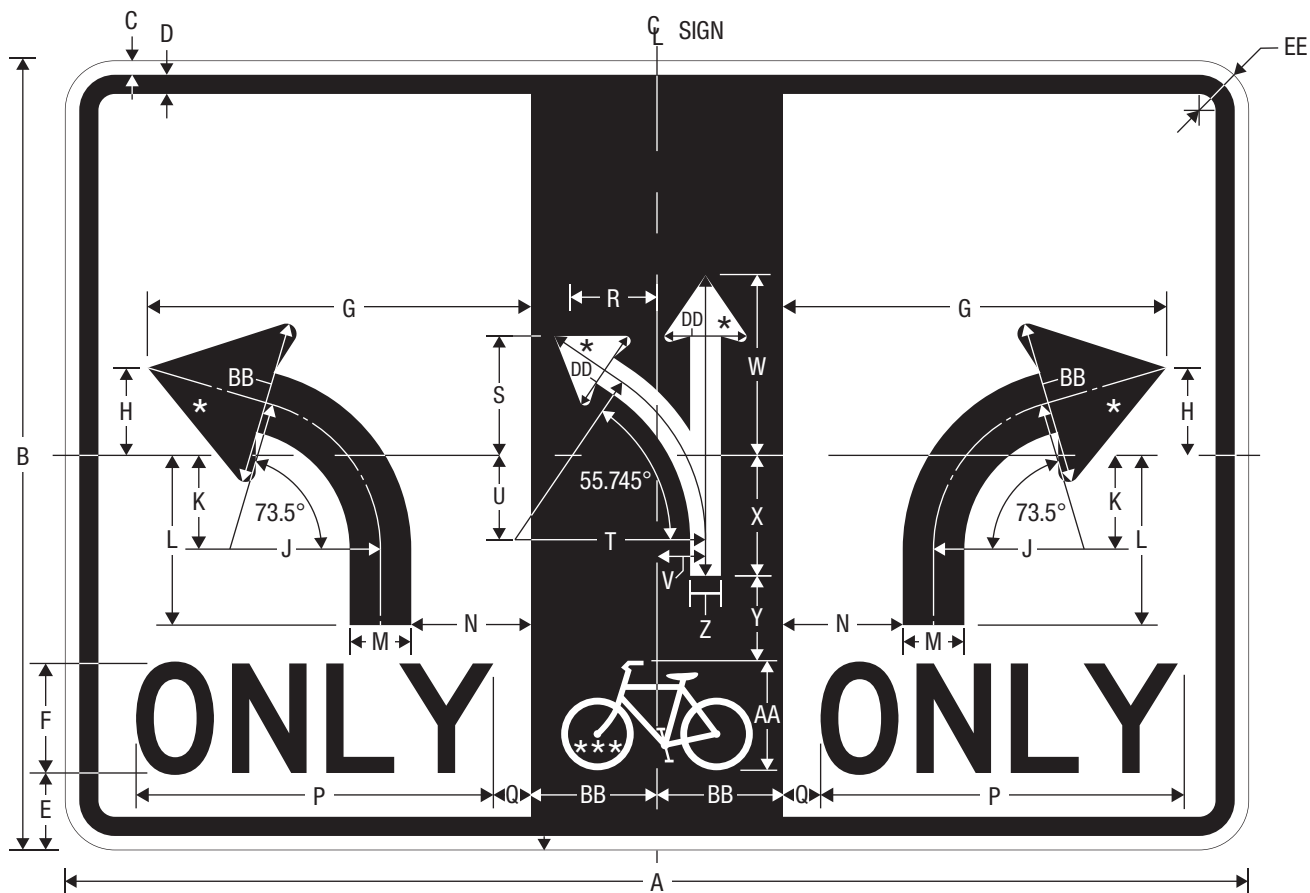
A	B	C	D	E	F	G	H	J	K	L	M	N	P
54	36	0.625	0.875	3.5	5 D**	17.5	4	6.875	4.281	7.75	2.813	5.469	16.310
Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD
1.720	10.75	2.5	5	3.125	3.75 C**	4.125	1.406	4.990	4.989	5.75	7.5	3.75	2.25

LEFT, RIGHT SECTIONS

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

CENTER SECTION

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



R3-8xb

ADVANCE INTERSECTION LANE CONTROL WITH BIKE LANE

* See page 7-3 for arrow design.

** Reduce Spacing 25%.

*** See page 8-4 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
54	36	0.625	0.875	3.5	5 D**	17.5	4	6.875	4.281	7.75	2.813	5.469	16.310	1.720

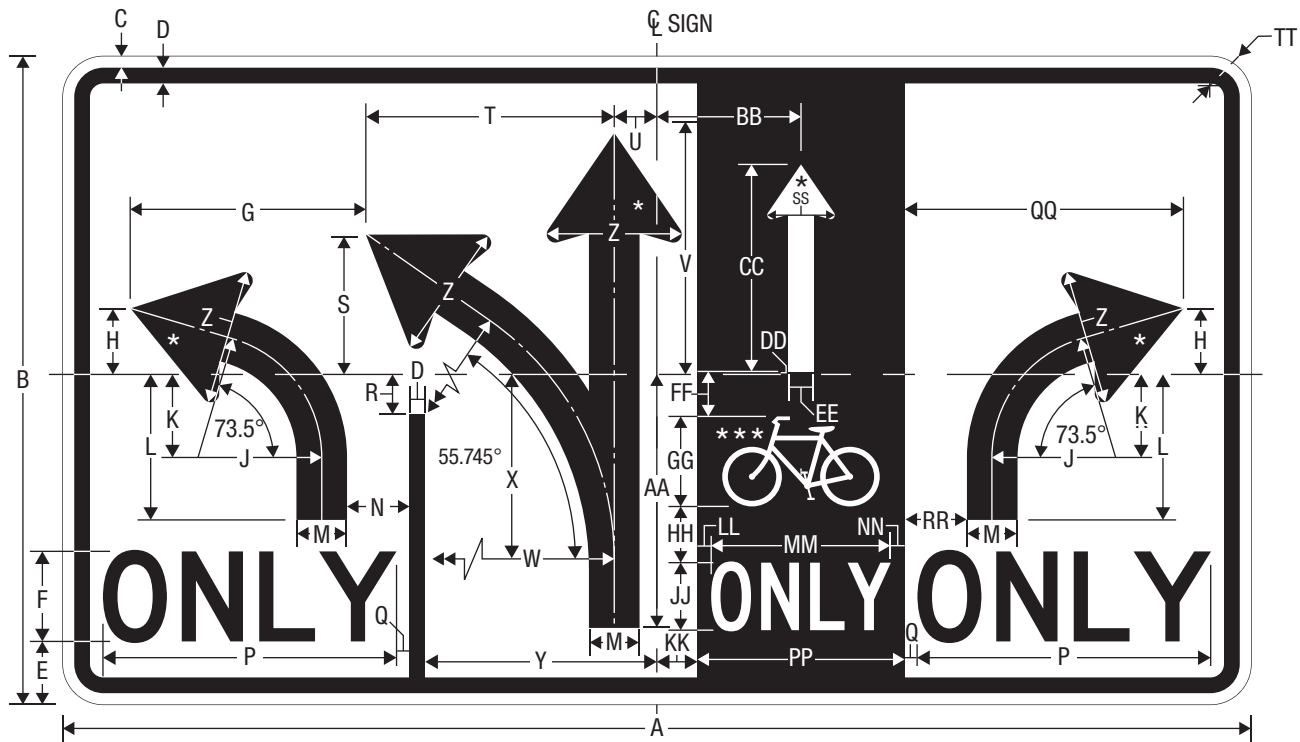
R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE
4.685	5.450	8.700	3.850	2.215	8.225	5.5	3.875	1.406	5	5.75	7.5	3.75	2.25

LEFT, RIGHT SECTIONS

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

CENTER SECTION

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



R3-8xc

ADVANCE INTERSECTION LANE CONTROL WITH BIKE LANE

* See page 7-3 for arrow design.

** Reduce Spacing 25%.

*** See page 8-4 for symbol design.

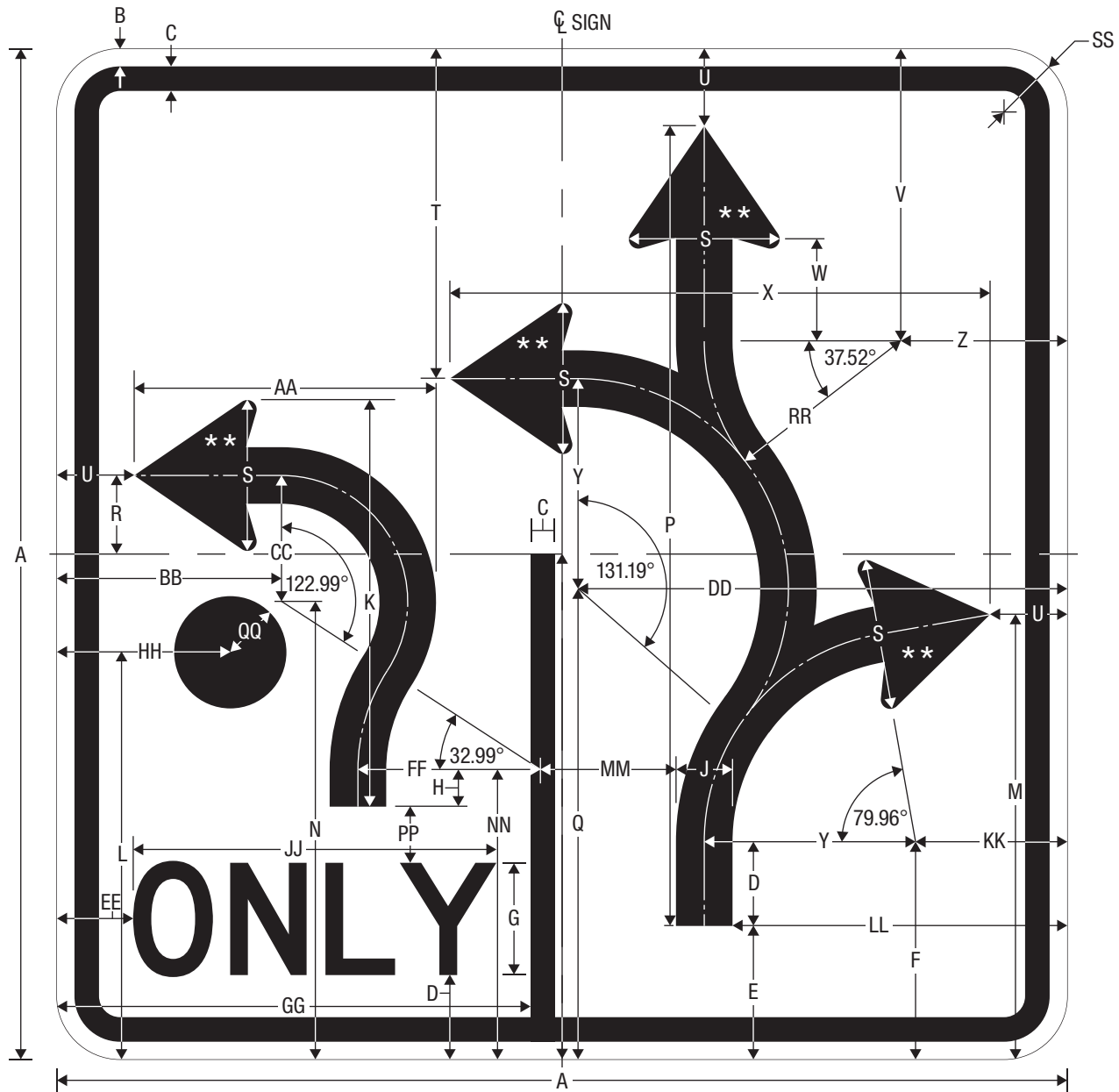
A	B	C	D	E	F	G	H	J	K	L	M	N	P
66	36	0.625	0.875	3.5	5 D**	13.075	4	6.875	4.281	7.75	2.813	4.469	16.310
Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD
0.720	3	8.100	13.800	2.375	13.75	17.400	9.5	12.875	7.5	13.75	8	10.75	0.5
EE	FF	GG	HH	JJ	KK	LL	MM	NN	PP	QQ	RR	SS	TT
1.406	2.5	5	3.125	3.75 C**	2.25	0.760	9.979	0.761	11.5	15.5	3.469	3.75	2.25

LEFT, RIGHT SECTIONS

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

CENTER SECTION

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



R3-8zd

ADVANCE CIRCULAR INTERSECTION LANE CONTROL (2 LANES)

* Reduce Spacing 30%.

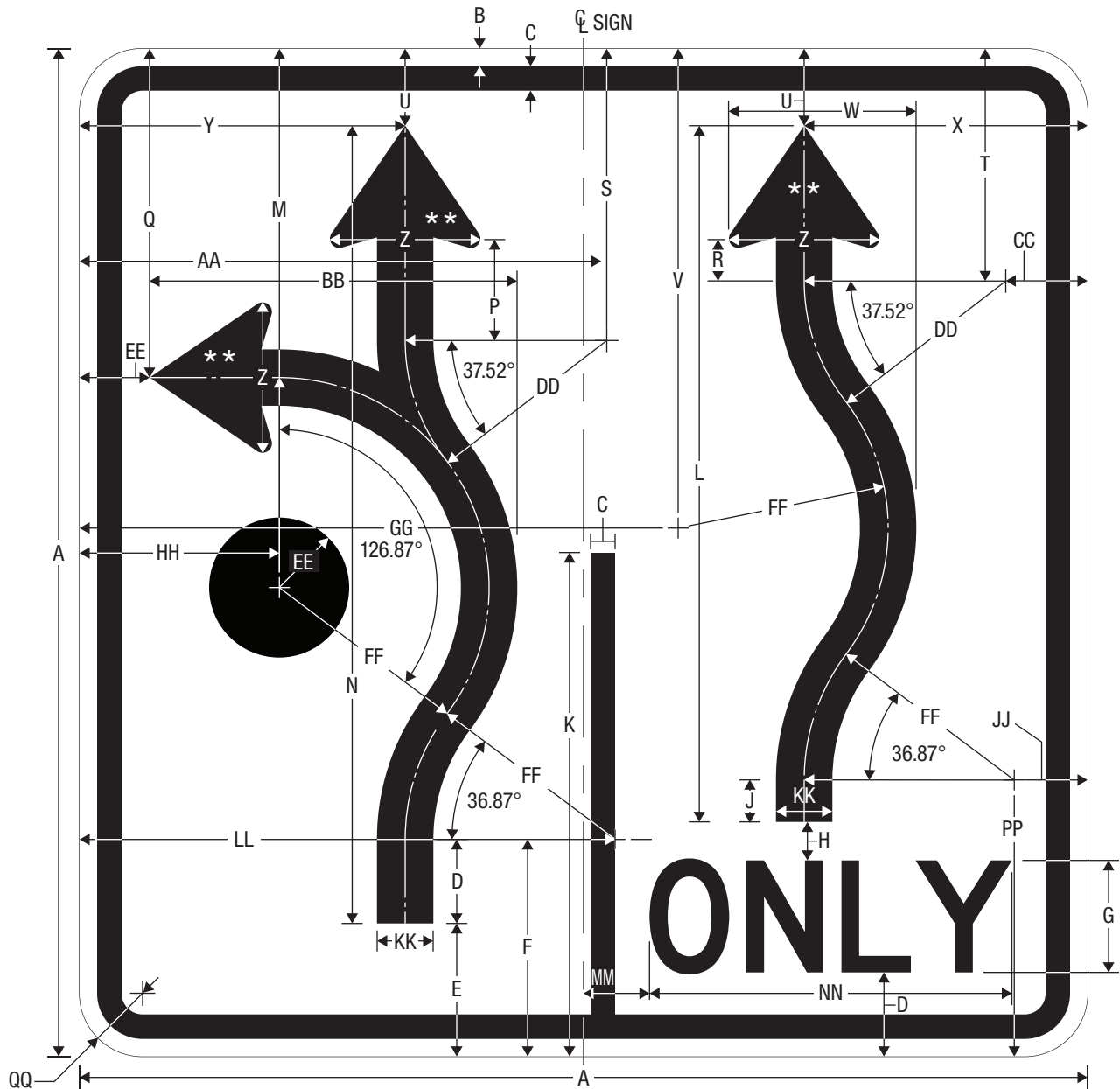
** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
36	0.625	0.875	3	4.75	7.75	4 D*	1.301	2.016	14.488	14.5	15.842	16.300	28.5

Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD
16.75	2.800	5.375	11.75	2.75	10.418	3.637	19.25	7.5	5.933	10.757	8	4.5	17.433

EE	FF	GG	HH	JJ	KK	LL	MM	NN	PP	QQ	RR	SS
2.706	6.5	16.875	6.178	12.944	5.433	11.925	4.833	10.310	2	2	7	2.25

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



R3-8ze

ADVANCE CIRCULAR INTERSECTION LANE CONTROL (2 LANES)

* Reduce Spacing 30%.

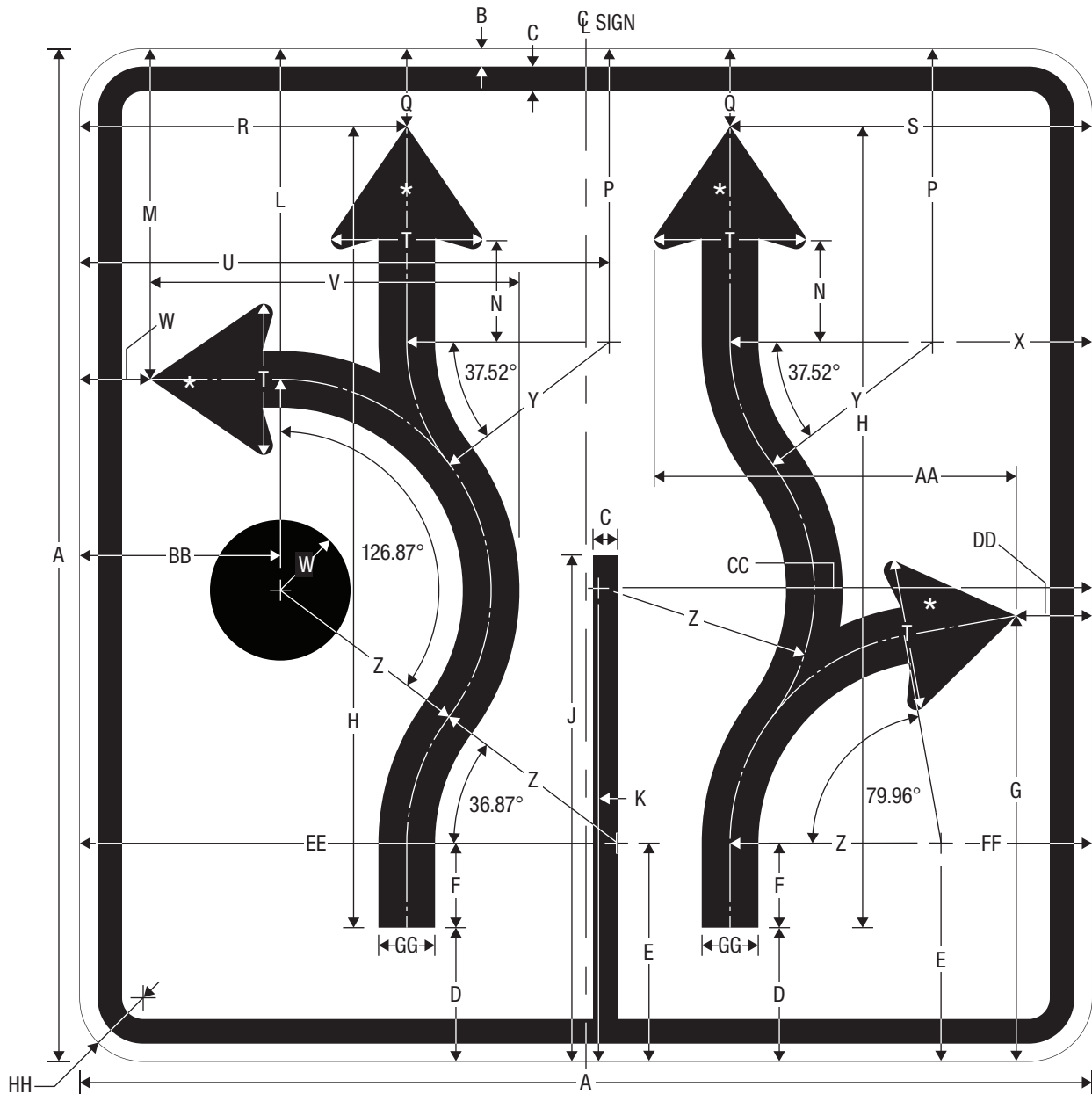
** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N
36	0.625	0.875	3	4.75	7.75	4 D*	1.375	1.5	18	24.875	19.25	28.5

P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB
3.637	11.75	1.512	10.418	8.293	2.75	17.125	6.700	10.125	11.625	5.375	18.625	13.133

CC	DD	EE	FF	GG	HH	JJ	KK	LL	MM	NN	PP	QQ
3.125	7	2.5	7.5	21.375	7.125	2.625	2.016	19.125	2.354	12.944	9.875	2.25

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



R3-8zf

ADVANCE CIRCULAR INTERSECTION LANE CONTROL (2 LANES)

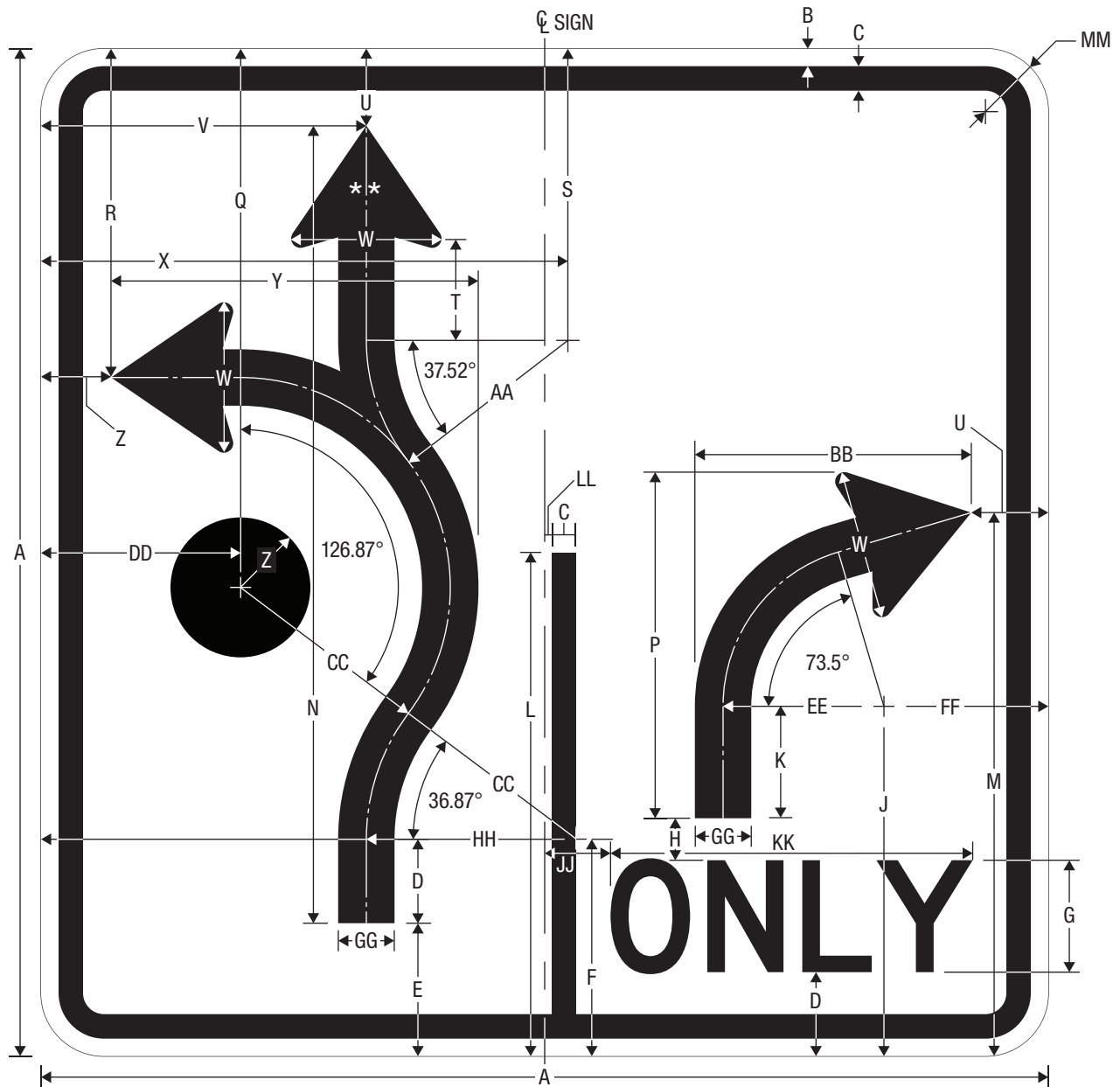
* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
36	0.625	0.875	4.75	7.75	3	15.842	28.5	18	16.75	19.25

M	N	P	Q	R	S	T	U	V	W	X
11.722	3.637	10.419	2.75	11.625	12.933	5.375	18.625	13.133	2.5	5.933

Y	Z	AA	BB	CC	DD	EE	FF	GG	HH
7	7.5	12.870	7.125	17.433	2.75	19.125	5.433	2.016	2.25

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



R3-8zg

ADVANCE CIRCULAR INTERSECTION LANE CONTROL (2 LANES)

* Reduce Spacing 30%.

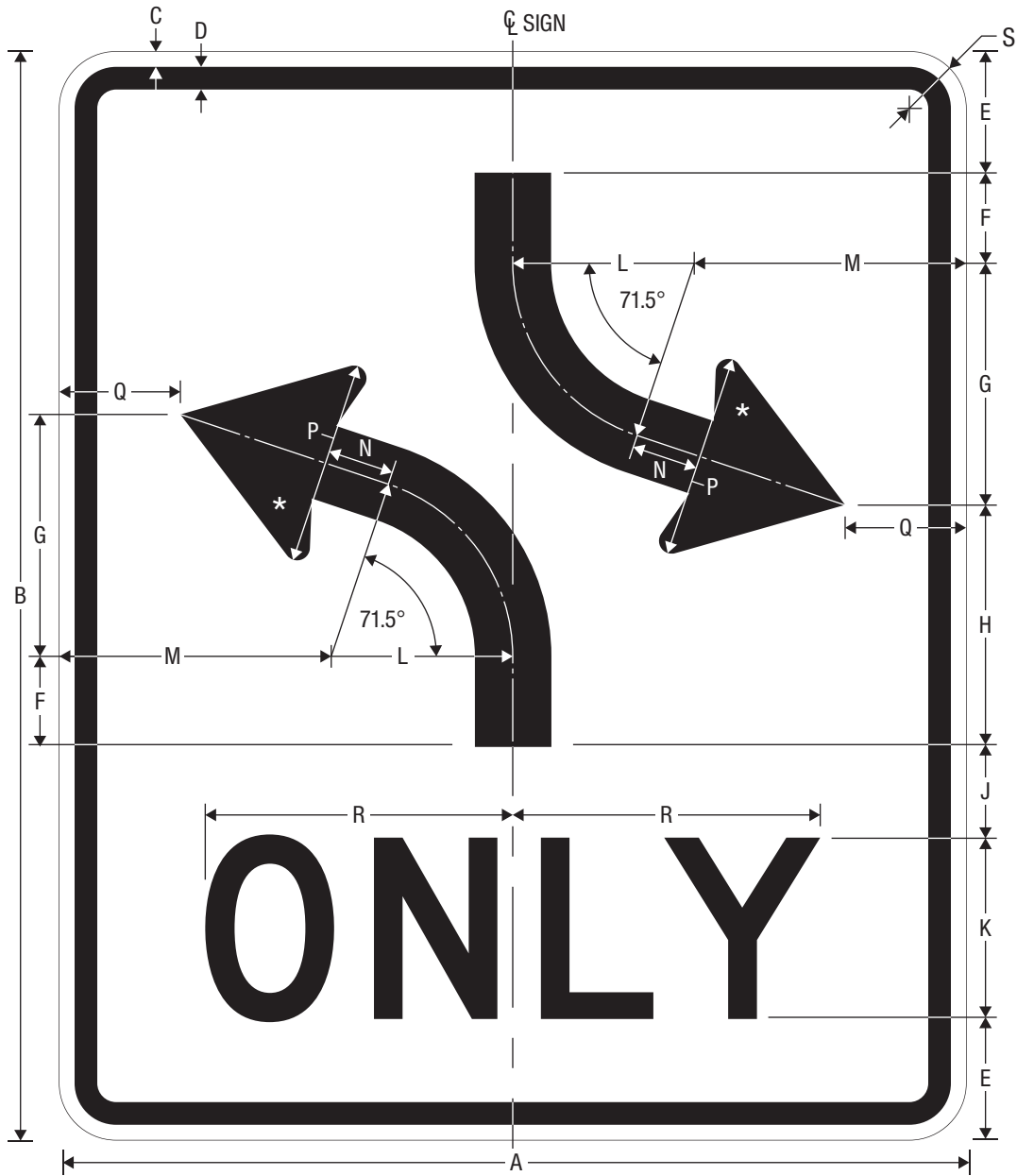
** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
36	0.625	0.875	3	4.75	7.75	4 D*	1.5	12.5	4	18	19.423

N	P	Q	R	S	T	U	V	W	X	Y	Z
28.5	12.368	19.25	11.75	10.418	3.637	2.75	11.625	5.375	18.625	13.133	2.5

AA	BB	CC	DD	EE	FF	GG	HH	JJ	KK	LL	MM
7	9.833	7.5	7.125	5.75	5.875	2.016	19.125	2.354	12.944	0.25	2.25

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



R3-9a

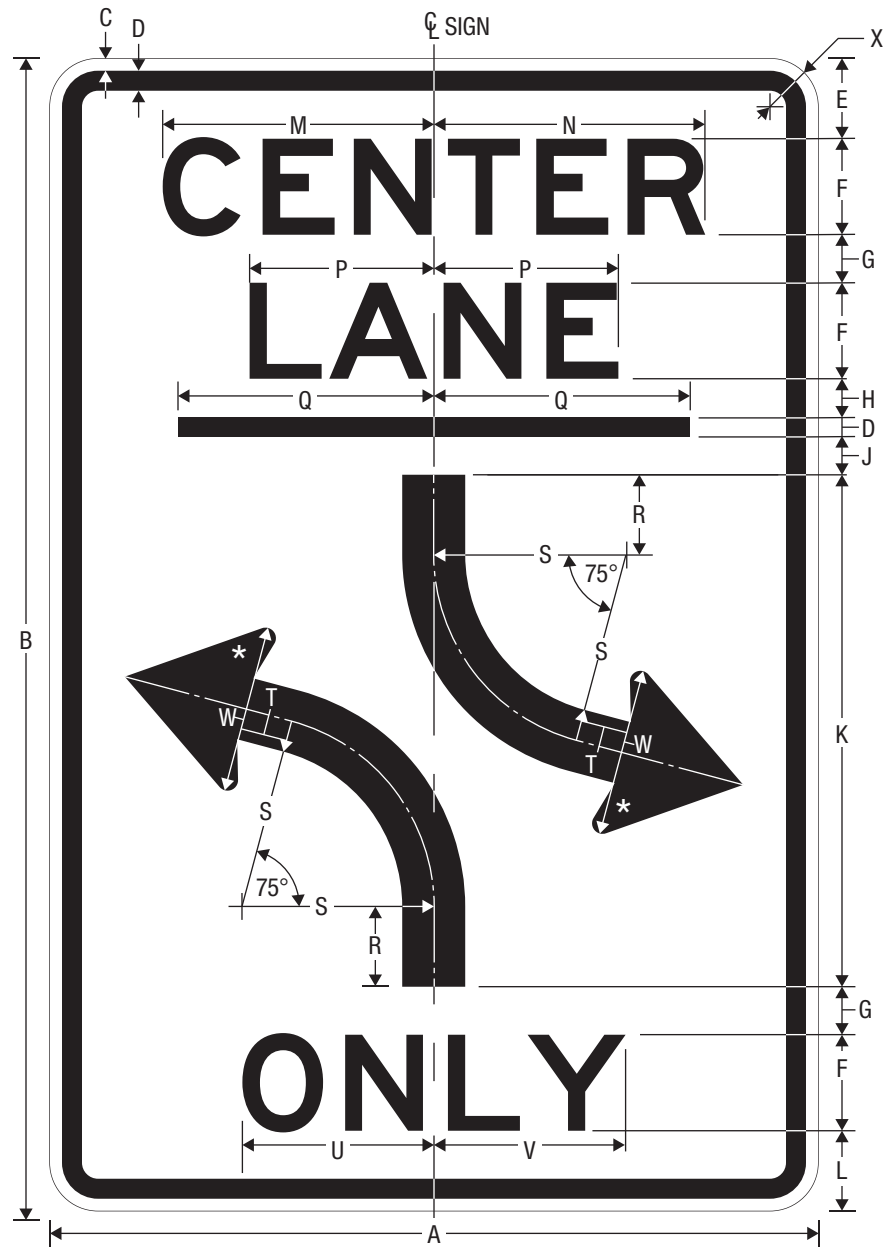
TWO-WAY LEFT TURN ONLY (OVERHEAD)

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
30	36	0.5	0.75	4	3	8	8	3

K	L	M	N	P	Q	R	S
6 D	6	9	2.270	6.75	4	10.176	1.875

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



R3-9b

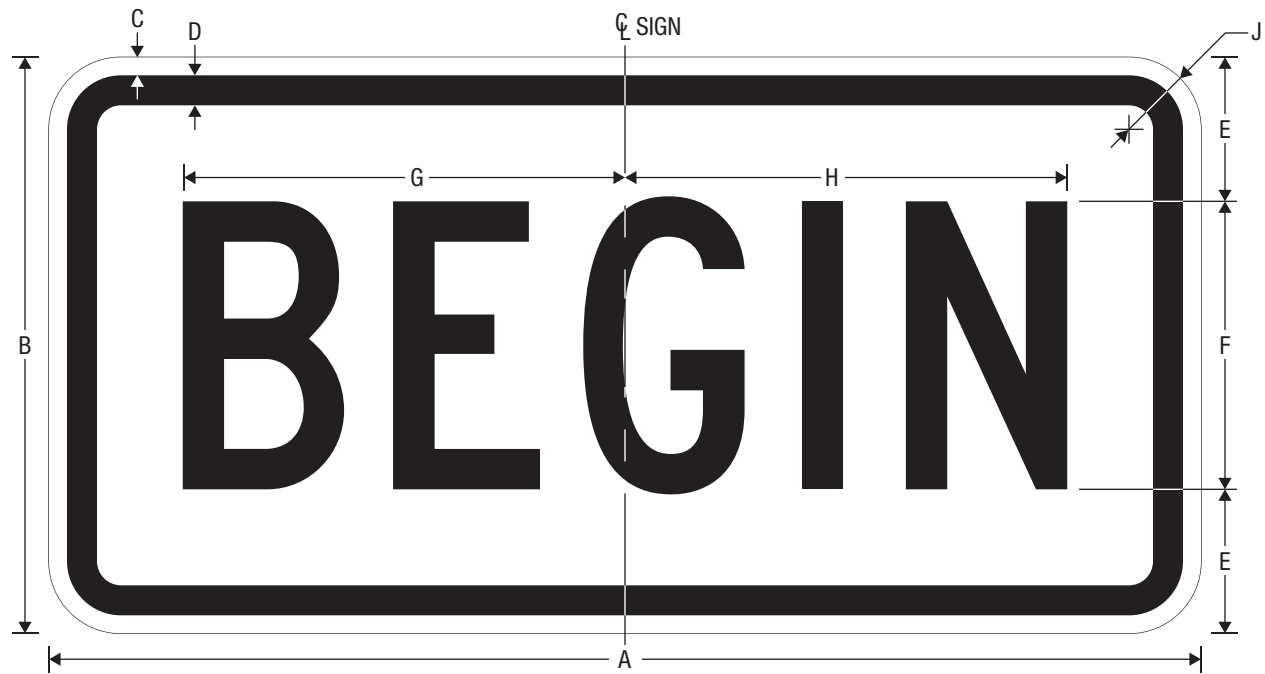
TWO-WAY LEFT TURN ONLY (POST-MOUNTED)

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
24	36	0.375	0.625	2.5	3 E	1.5	1.188	1.187	16	2.5
36	48	0.625	0.875	3.5	5 E	1.5	1.063	1.062	20	3.5

M	N	P	Q	R	S	T	U	V	W	X
8.478	8.477	5.762	8	2.5	6	1.5	5.988	5.987	5.25	1.5
14.129	14.129	9.603	12	3	9	2	9.980	9.979	8	2.25

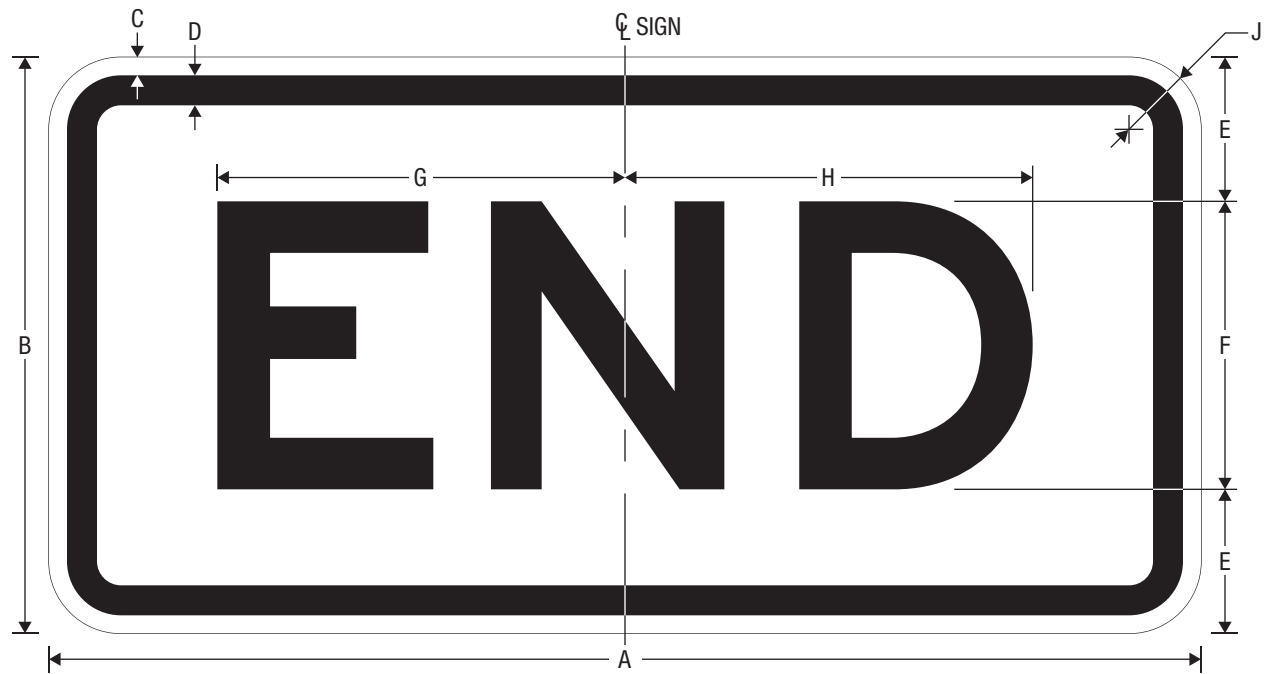
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-9cP
BEGIN (PLAQUE)

A	B	C	D	E	F	G	H	J
24	12	0.375	0.625	3	6 C	9.213	9.213	1.5
36	18	0.375	0.625	4.5	9 C	13.820	13.819	1.5

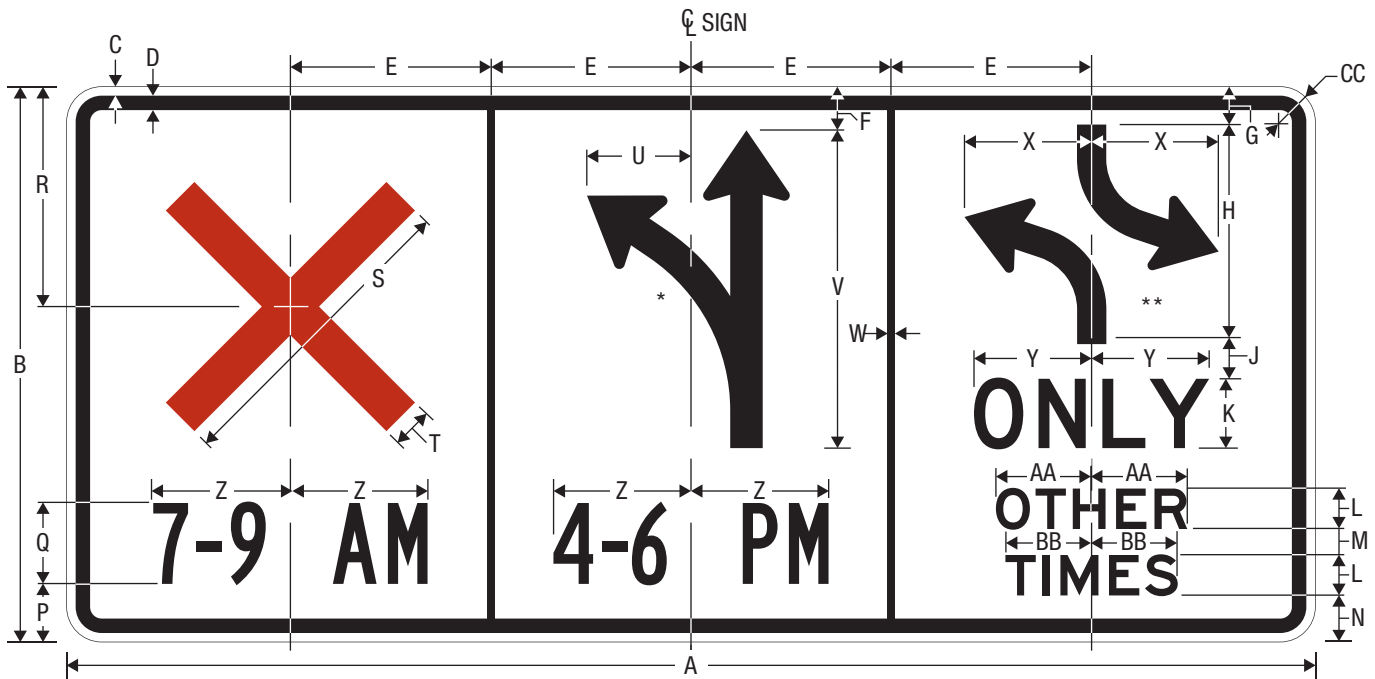
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-9dP
END (PLAQUE)

A	B	C	D	E	F	G	H	J
24	12	0.375	0.625	3	6 E	8.493	8.493	1.5
36	18	0.375	0.625	4.5	9 E	12.740	12.739	1.5

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



R3-9e
REVERSIBLE LANE CONTROL (OVERHEAD)

* See R3-8 for details.
** See R3-9a for details.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
108	48	0.75	1.25	17.333	3.75	3.25	19	3	6 D	3.5 E	2.25	4	5

Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC
7 B	19	27	3	9	27.5	0.625	11	10.176	VAR	8.280	7.457	3

COLORS: LEGEND, BORDER — BLACK
LANE CLOSED SYMBOL — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-9f

REVERSIBLE LANE CONTROL (POST-MOUNTED)

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
30	42	0.5	0.75	2.625	4 E	2	1.875	2	4 D	2	2.625	3 D	3.875	11.303
36	54	0.625	0.875	3	5 E	2.75	2.75	3.25	5 D	2.5	3.5	4 D	4.75	14.129

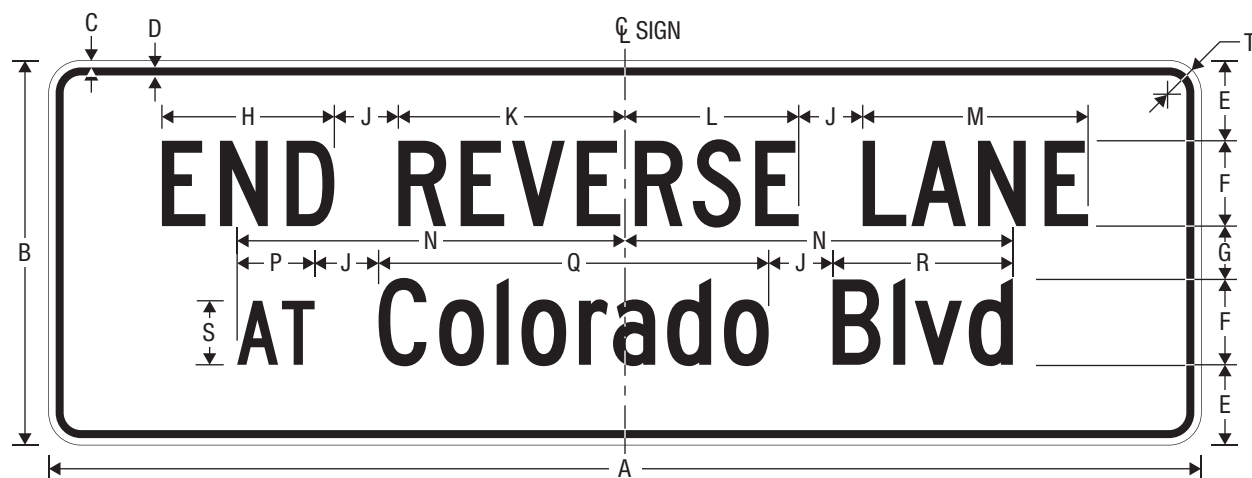
R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF
7.683	7.682	6.365	2.75	0.166	9.280	4.644	4.643	VAR	VAR	2	VAR	VAR	1.5	1.875
9.603	9.603	7.956	3.5	0.176	11.632	5.805	5.804	VAR	VAR	2.5	VAR	VAR	2	2.25

UPPER SECTION

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

LOWER SECTION

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



R3-9g

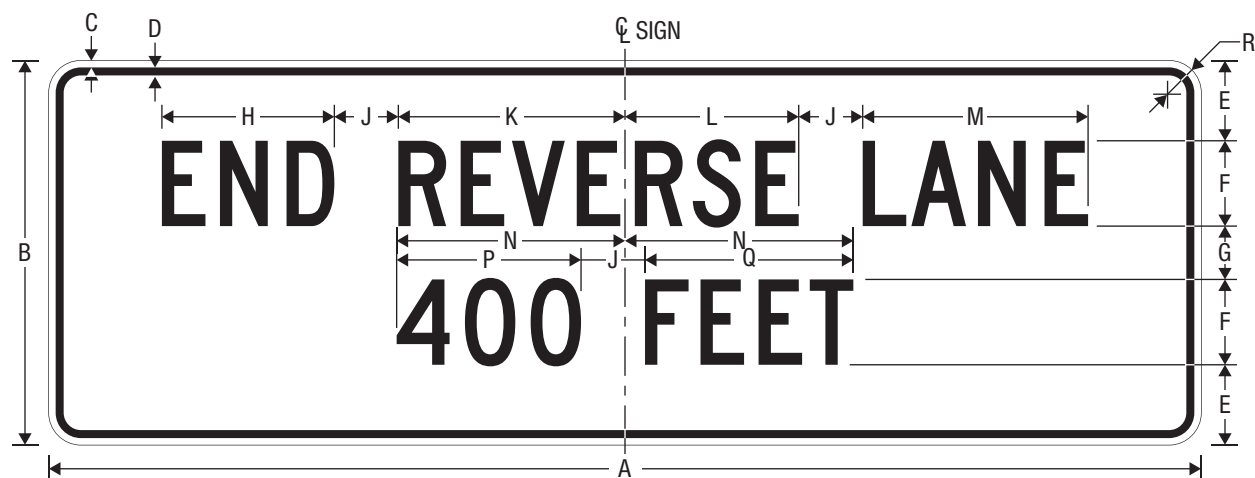
ADVANCE REVERSIBLE LANE CONTROL TRANSITION

A	B	C	D	E	F	G	H	J
108 MIN	36	0.625	0.875	7.5	8 C	5	16.166	6

K	L	M	N	P	Q	R	S	T
21.246	16.288	21.128	VAR	7.263	VAR	VAR	6 C	3

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

2-80-1



R3-9g

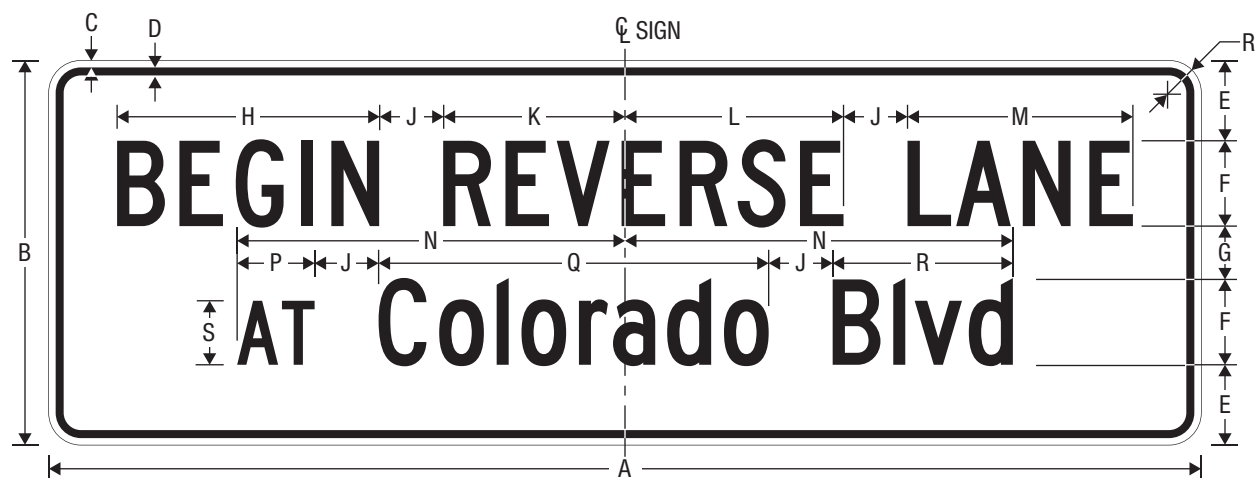
ADVANCE REVERSIBLE LANE CONTROL TRANSITION

A	B	C	D	E	F	G	H
108 MIN	36	0.625	0.875	7.5	8 C	5	16.166

J	K	L	M	N	P	Q	R
6	21.246	16.288	21.128	VAR	VAR	VAR	3

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

2-80-2



R3-9h

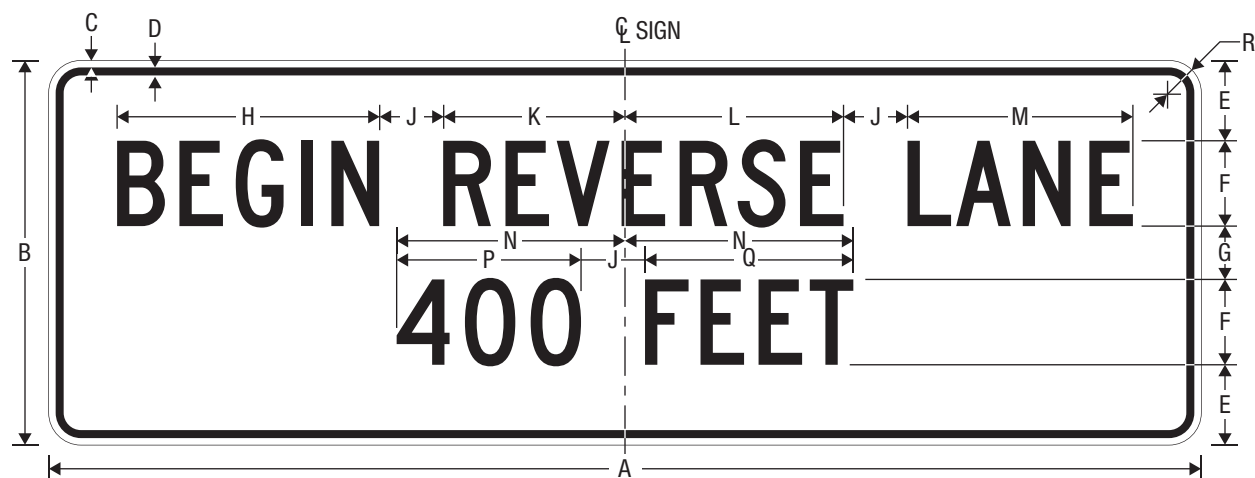
ADVANCE REVERSIBLE LANE CONTROL TRANSITION

A	B	C	D	E	F	G	H	J
108 MIN	36	0.625	0.875	7.5	8 C	5	24.568	6

K	L	M	N	P	Q	R	S	T
17.045	20.489	21.128	VAR	7.263	VAR	VAR	6 C	3

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

2-81-1



R3-9h

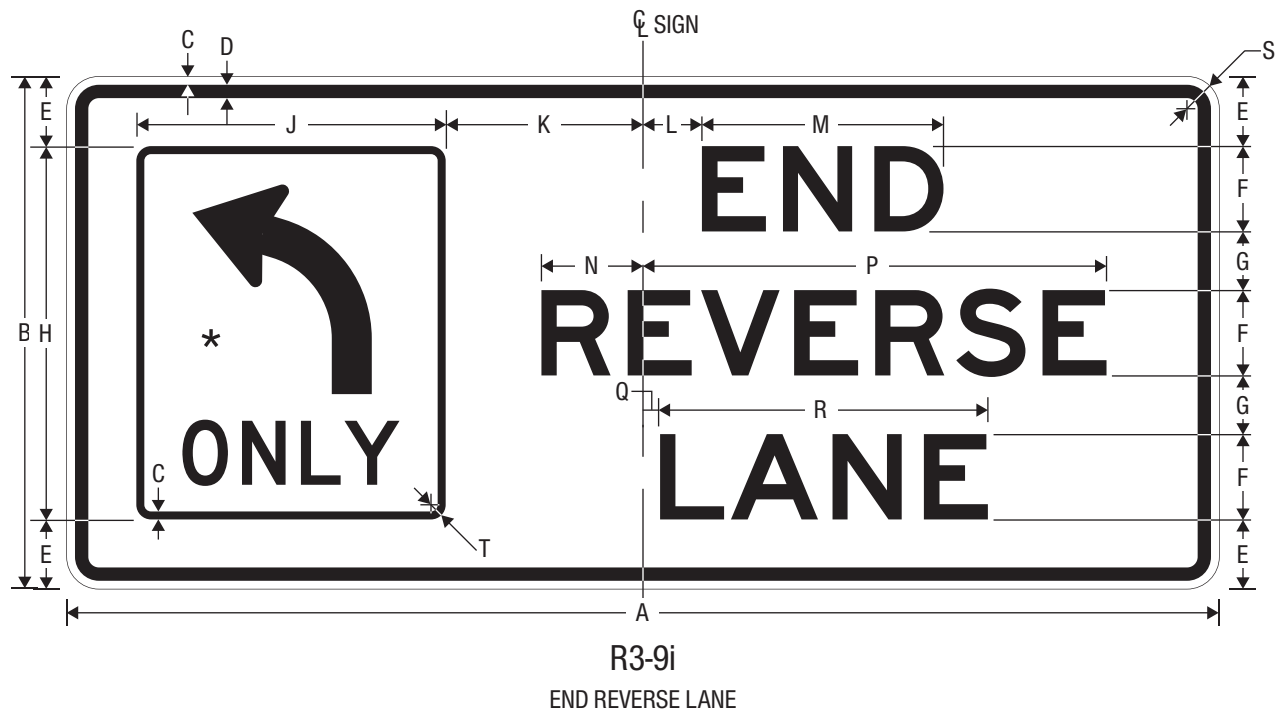
ADVANCE REVERSIBLE LANE CONTROL TRANSITION

A	B	C	D	E	F	G	H
108 MIN	36	0.625	0.875	7.5	8 C	5	24.568

J	K	L	M	N	P	Q	R
6	17.045	20.489	21.128	VAR	VAR	VAR	3

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

2-81-2

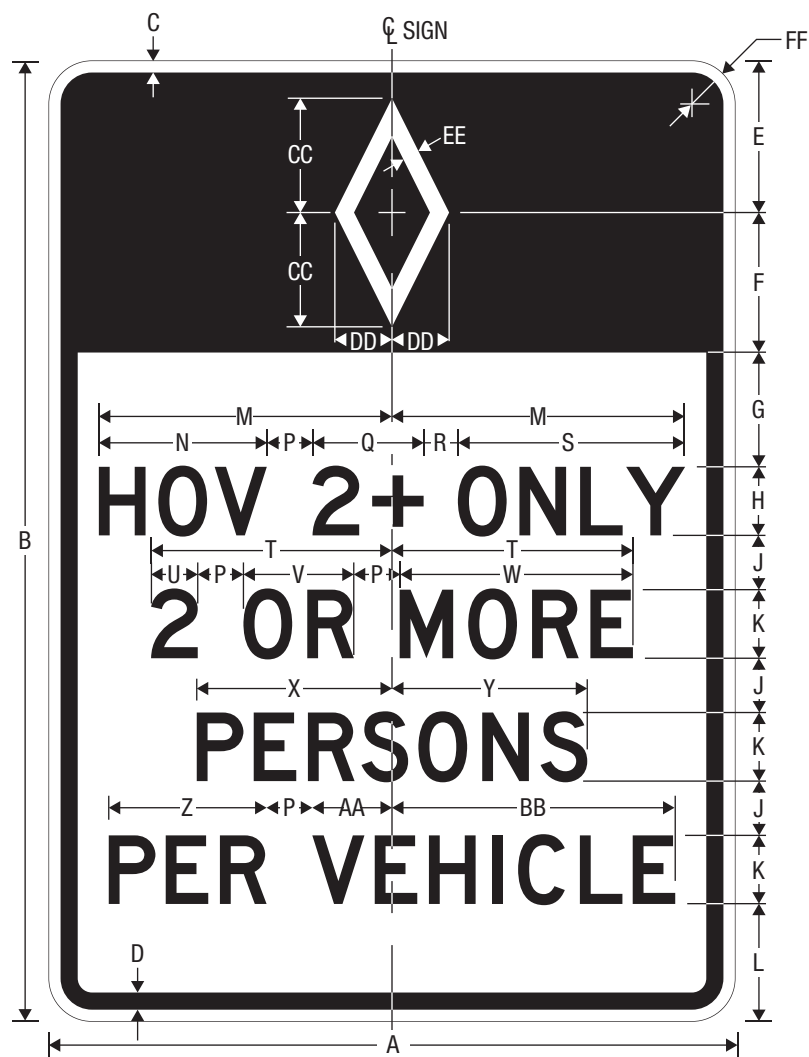


* See R3-5L for design details.

A	B	C	D	E	F	G	H	J
108	48	0.75	1.25	6.5	8 E	5.5	35	29

K	L	M	N	P	Q	R	S	T
18.5	5.524	22.648	9.521	43.455	1.603	30.730	3	1.875

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



R3-10

PREFERENTIAL LANE VEHICLE OCCUPANCY DEFINITION (POST-MOUNTED)

★ Reduce Spacing 15%.

A	B	C	D	E	F	G	H	J	K
30	42	0.5	0.75	6.625	6.125	5	3 D*	2.375	3 D
36	60	0.625	0.875	9.125	8.5	8.75	3.5 D*	3.5	3.5 D
78	96	0.75	1.25	17	16.25	6.625	7.5 D*	6.5	7.5 D

L	M	N	P	Q	R	S	T	U	V
5.125	VAR	7.348	2	4.860	1.5	9.942	VAR	VAR	4.834
9.125	VAR	8.572	2.5	5.670	2	11.599	VAR	VAR	5.639
6.625	VAR	18.369	5	12.150	3.75	24.855	VAR	VAR	12.084

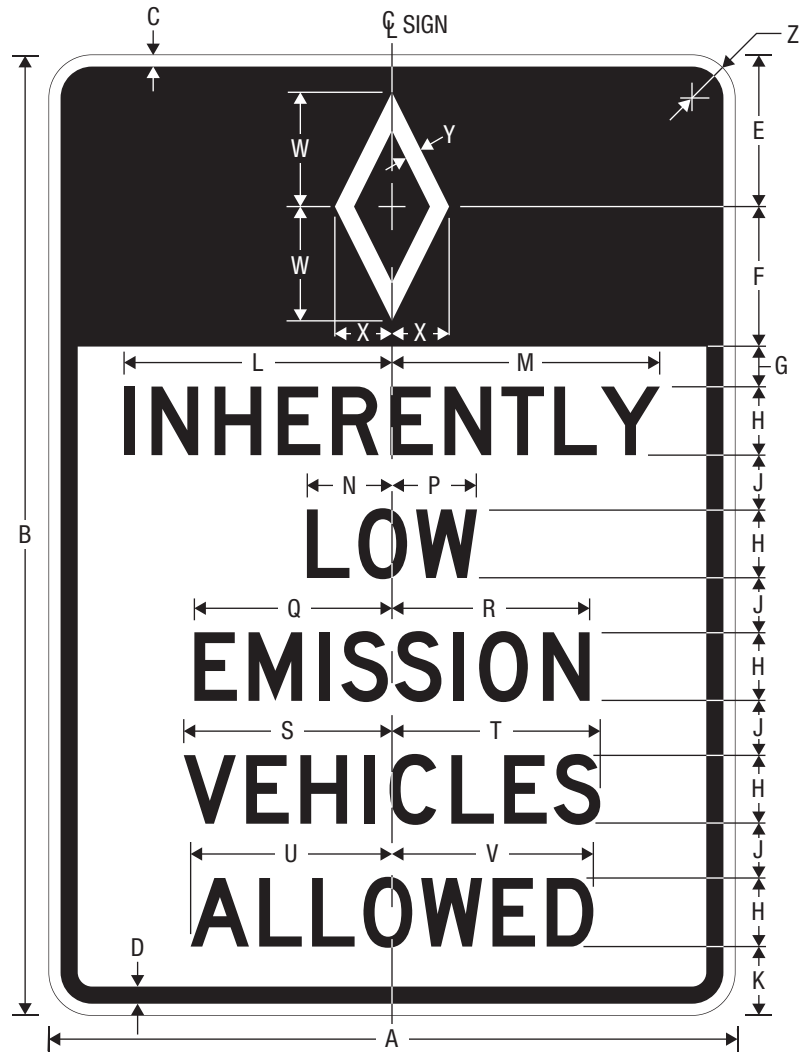
W	X	Y	Z	AA	BB	CC	DD	EE	FF
10.206	8.542	8.542	6.905	3.486	12.392	5	2.5	0.75	1.875
11.907	9.966	9.965	8.056	3.985	14.540	7	3.5	1.125	2.25
25.515	21.355	21.354	17.263	8.717	30.979	13	6.5	2	3

UPPER SECTION

COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

LOWER SECTION

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



R3-10a

PREFERENTIAL LANE VEHICLE OCCUPANCY DEFINITION (POST-MOUNTED)

* Reduce Spacing 20%.

** Reduce Spacing 10%.

A	B	C	D	E	F	G	H	J	K	L	M
30	42	0.5	0.75	6.625	6.125	1.75	3 D	2.375	3	11.722	11.722
36	60	0.625	0.875	9.125	8.5	5	4 D	2.75	6.375	14.993*	14.993*
78	96	0.75	1.25	17	16.25	3.75	7 E	4.5	6	31.720**	31.719**

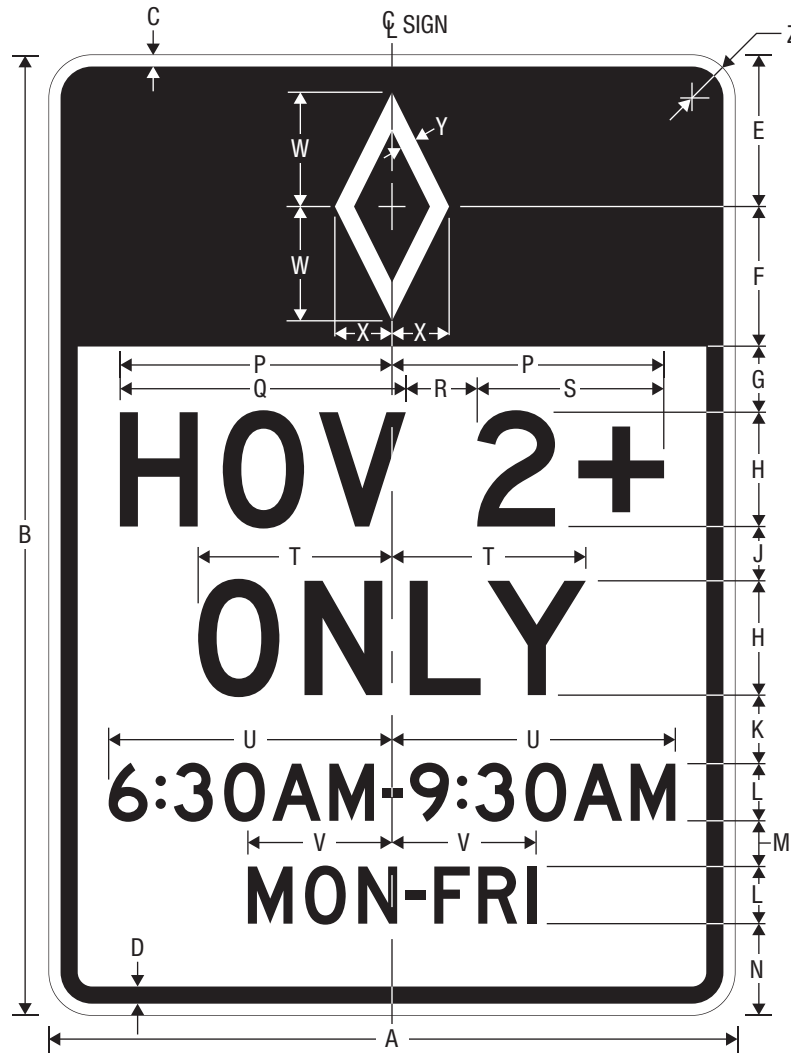
N	P	Q	R	S	T	U	V	W	X	Y	Z
3.722	3.722	8.646	8.645	9.111	9.110	8.810	8.809	5	2.5	.75	1.875
4.963	4.962	11.527	11.527	12.147	12.147	11.746	11.746	7	3.5	1.125	2.25
10.260	10.259	23.739	23.739	25.137	25.137	24.404	24.404	13	6.5	2	3

UPPER SECTION

COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

LOWER SECTION

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



R3-11

PREFERENTIAL LANE OPERATION - HIGH-OCCUPANCY VEHICLES (POST-MOUNTED)

A	B	C	D	E	F	G	H	J	K	L	M
30	42	0.5	0.75	6.625	6.125	2.875	5 D	2.375	3	2.5 D	2
36	60	0.625	0.875	9.125	8.5	5.375	6 D	5	5.125	3 D	3.25
78	96	0.75	1.25	17	16.25	6.25	10 E	7	7.125	5 E	5

N	P	Q	R	S	T	U	V	W	X	Y	Z
4	VAR	11.904	3.125	VAR	8.480	VAR	VAR	5	2.5	0.75	1.875
5.625	VAR	14.286	3.75	VAR	10.176	VAR	VAR	7	3.5	1.125	2.25
7.375	VAR	26.558	6.25	VAR	19.959	VAR	VAR	13	6.5	2	3

UPPER SECTION

COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

LOWER SECTION

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



R3-11a

PREFERENTIAL LANE OPERATION - HIGH-OCCUPANCY VEHICLES (POST-MOUNTED)

A	B	C	D	E	F	G	H	J	K	L
30	42	0.5	0.75	2.625	3 D	2	2.125	2.875	5 D	2.375
36	60	0.625	0.875	3.625	4 D	3	3	5.375	6 D	5
78	96	0.75	1.25	6.25	8 E	5.5	5.5	6.25	10 E	7

M	N	P	Q	R	S	T	U	V	W	X
3	2.5 D	2	4	6.125	6.625	1.229	7.354	1.770	7.895	5
5.125	3 D	3.25	5.625	8.5	9.125	1.472	9.972	2.194	10.693	7
7.125	5 E	5	7.375	16.25	17	5.050	22.550	6.615	24.115	13

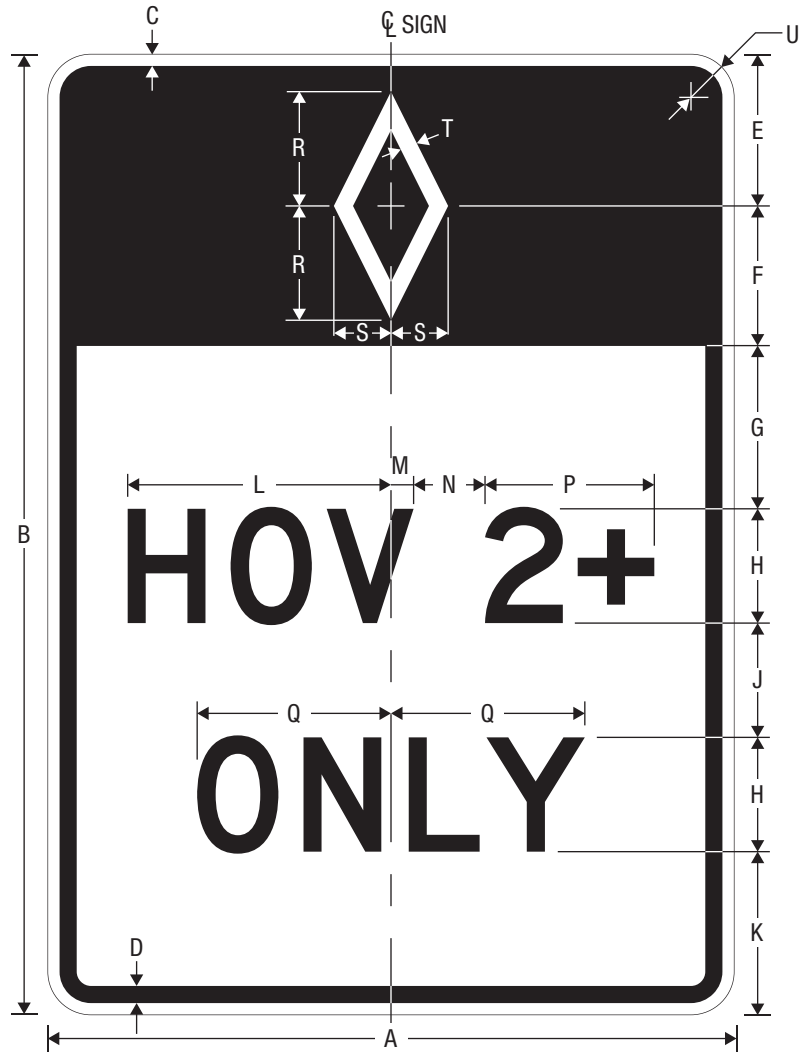
Y	Z	AA	BB	CC	DD	EE	FF	GG	HH	JJ
2.5	0.75	10.875	VAR	12.509	3.125	VAR	8.480	VAR	VAR	1.875
3.5	1.125	12.375	VAR	15.011	3.75	VAR	10.176	VAR	VAR	2.25
6.5	2	28	VAR	29.415	6.25	VAR	19.959	VAR	VAR	3

UPPER SECTION

COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

LOWER SECTION

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



R3-11b

PREFERENTIAL LANE OPERATION - HIGH-OCCUPANCY VEHICLES, FULL-TIME (POST-MOUNTED)

A	B	C	D	E	F	G	H	J	K
30	42	0.5	0.75	6.625	6.125	7.75	5 D	2.5	9
36	60	0.625	0.875	9.125	8.5	13	6 D	3	14.375
78	96	0.75	1.25	17	16.25	17.875	10 E	5	19.875

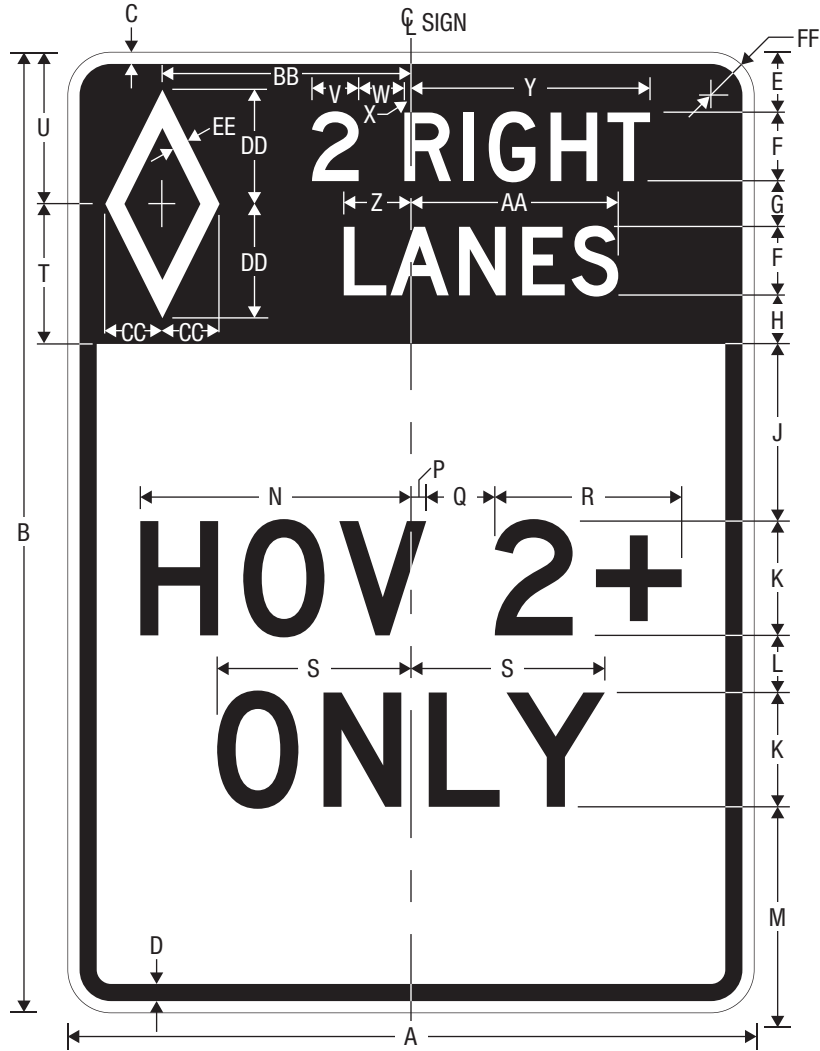
L	M	N	P	Q	R	S	T	U
11.520	0.989	3.125	7.406	8.480	5	2.5	0.75	1.875
13.824	1.187	3.75	8.888	10.176	7	3.5	1.125	2.25
25.637	3.778	6.25	15.608	19.959	13	6.5	2	3

UPPER SECTION

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

LOWER SECTION

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



R3-11c

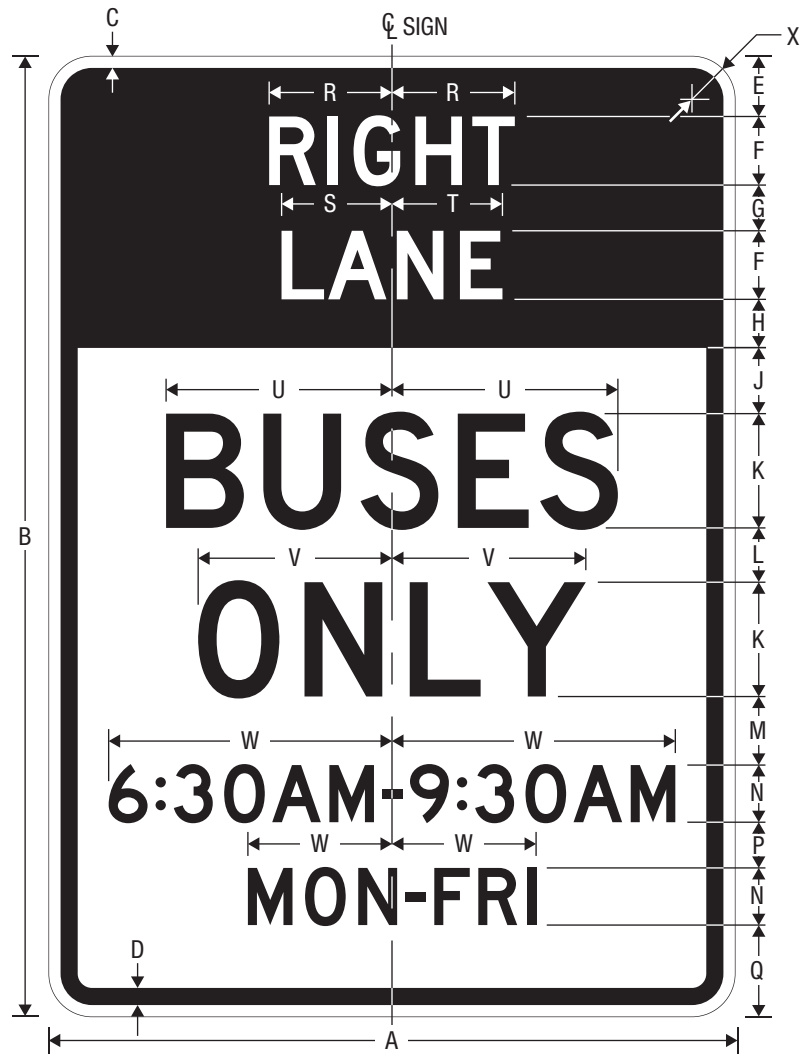
PREFERENTIAL LANE OPERATION - HIGH-OCCUPANCY VEHICLES, FULL-TIME (POST-MOUNTED)

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
30	42	0.5	0.75	2.625	3 D	2	2.125	7.75	5 D	2.5	9	11.842	0.667	3
36	60	0.625	0.875	3.625	4 D	3	3	13	6 D	3	14.375	14.160	0.851	3.5
78	96	0.75	1.25	6.25	8 E	5.5	5.5	17.875	10 E	5	19.875	27.433	1.982	8

R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF
8.175	8.480	6.125	6.625	VAR	2	0.290	10.458	2.942	9.066	10.875	2.5	5	0.75	1.875
9.810	10.176	8.5	9.125	VAR	2.5	0.303	14.027	3.755	12.255	12.375	3.5	7	1.125	2.25
17.451	19.959	16.25	17	VAR	6	1.710	31.822	10.417	27.917	28	6.5	13	2	3

UPPER SECTION
COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

LOWER SECTION
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-11d

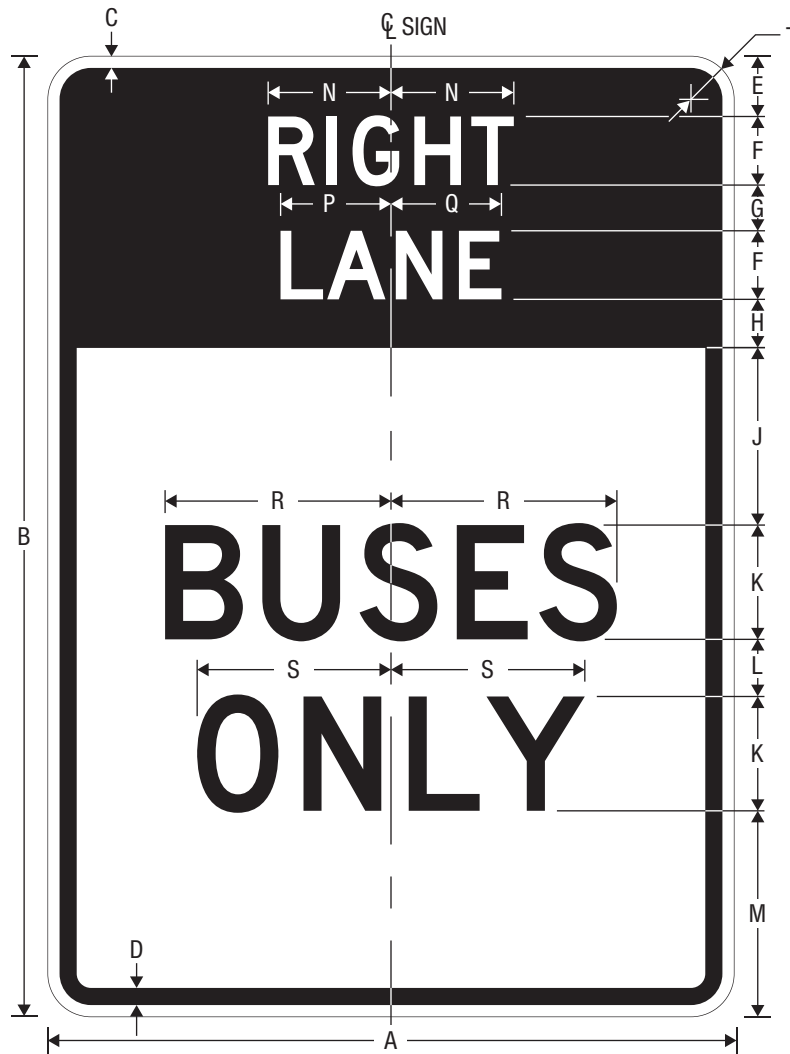
PREFERENTIAL LANE OPERATION (POST-MOUNTED)

A	B	C	D	E	F	G	H	J	K	L
30	42	0.5	0.75	2.625	3 D	2	2.125	2.875	5 D	2.375
36	60	0.625	0.875	3.625	4 D	3	3.125	5.25	6 D	5
78	96	0.75	1.25	6.25	8 E	5.5	5.5	6.25	10 E	7

M	N	P	Q	R	S	T	U	V	W	X
3	2.5 D	2	4	5.374	4.833	4.832	9.883	8.480	VAR	1.875
5.125	3 D	3.25	5.625	7.165	6.444	6.443	11.860	10.176	VAR	2.25
7.125	5 E	5	7.375	16.766	15.365	15.365	23.660	19.959	VAR	3

UPPER SECTION
COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

LOWER SECTION
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-11e

PREFERENTIAL LANE OPERATION - FULL-TIME (POST-MOUNTED)

A	B	C	D	E	F	G	H	J
30	42	0.5	0.75	2.625	3 D	2	2.125	7.75
36	60	0.625	0.875	3.625	4 D	3	3	13
78	96	0.75	1.25	6.25	8 E	5.5	5.5	17.875

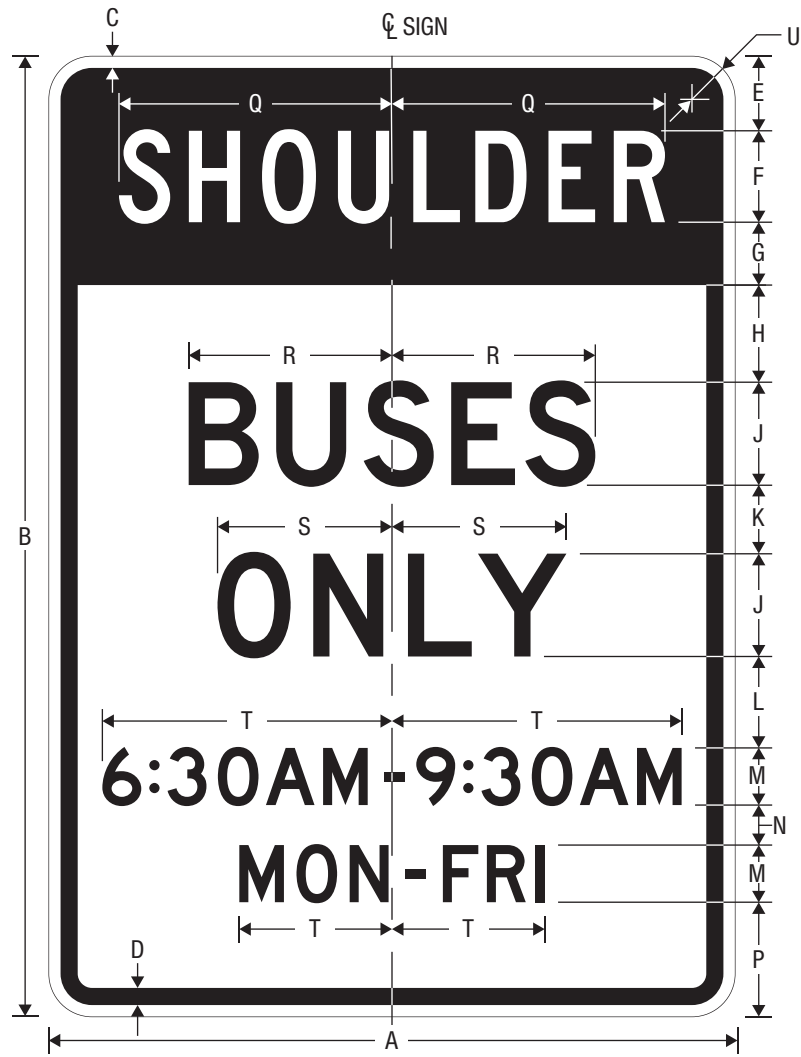
K	L	M	N	P	Q	R	S	T
5 D	2.5	9	5.374	4.833	4.832	9.883	8.480	1.875
6 D	3	14.375	7.165	6.444	6.443	11.860	10.176	2.25
10 E	5	19.875	16.766	15.365	15.365	23.660	19.959	3

UPPER SECTION

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

LOWER SECTION

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



R3-11f

PREFERENTIAL LANE OPERATION (POST-MOUNTED)

* Increase Spacing 20%.

A	B	C	D	E	F	G	H	J	K
30	42	0.5	0.75	3.25	4 C*	2.75	4.25	4.5 D	3
36	60	0.625	0.875	5.625	5 C*	5	6.125	6 D	5
78	96	0.75	1.25	10	10 D	9.25	7.75	10 E	7

L	M	N	P	Q	R	S	T	U
4	2.5 D	1.75	5	11.944	8.895	7.632	VAR	1.875
5.375	3 D	3.25	6.625	14.930	11.860	10.176	VAR	2.25
8.125	5 E	5	8.875	33.724	23.660	19.959	VAR	3

UPPER SECTION

COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

LOWER SECTION

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



R3-11g

PREFERENTIAL LANE OPERATION - FULL-TIME (POST-MOUNTED)

* Increase Spacing 20%.

** Reduce Spacing 30%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
30	42	0.5	0.75	3.5	4 C*	2.125	2.75	4 C	2.5	4 C**	2.5	2.5 D	1.75	5
36	60	0.625	0.875	5.625	5 C*	5	5.125	4.5 C	2.875	4.5 C**	5.125	3 D	3.25	5.625
78	96	0.75	1.25	10	10 D	9.25	5.5	8 D	4.5	8 D	6.75	5 E	5	6.5

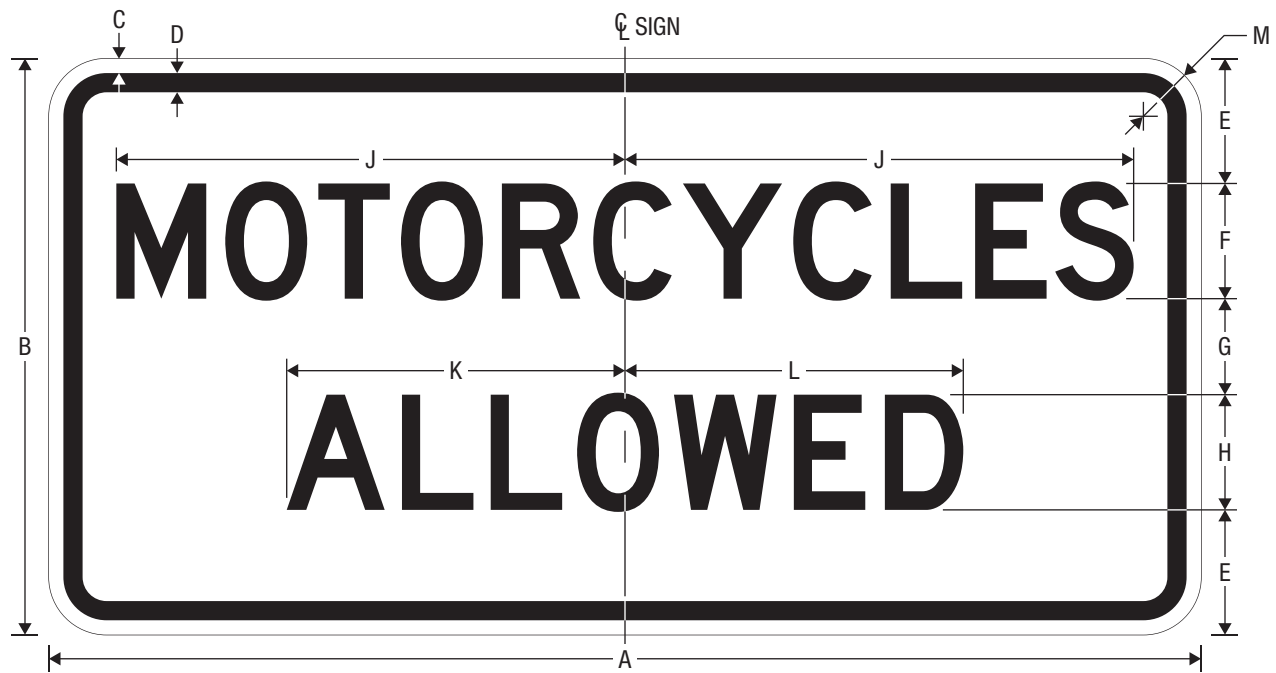
R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE
11.944	11.944	12.254	1.271	2.5	8.483	11.312	1.75	-	12.965	5.562	5.562	VAR	1.875
14.930	14.930	13.817	1.399	2.875	9.543	12.726	2	-	14.586	6.258	6.257	VAR	2.25
33.724	33.723	29.721	1.905	7	20.816	28.660	4.463	0.537	32.856	13.568	13.568	VAR	3

UPPER SECTION

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

LOWER SECTION

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

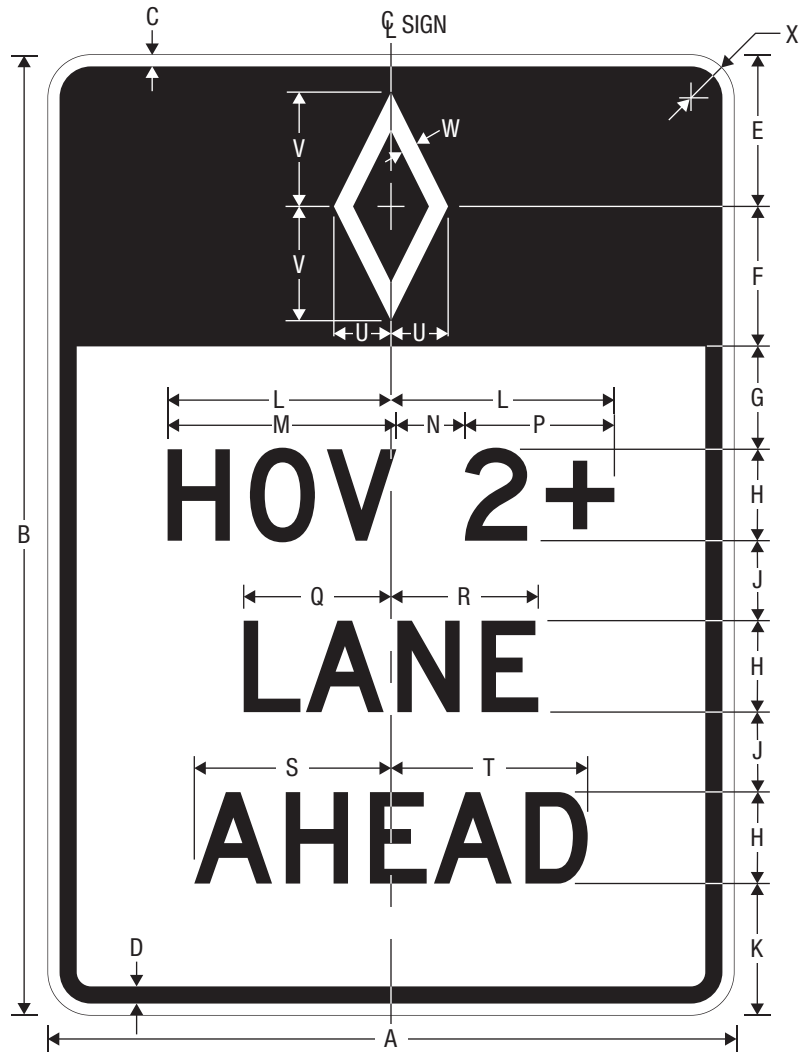


R3-11hP
MOTORCYCLES ALLOWED (PLAQUE)

* Reduce Spacing 25%.

A	B	C	D	E	F	G	H	J	K	L	M
30	15	0.375	0.5	3.25	3 D*	2.5	3 D	13.246	8.810	8.809	1.5
36	18	0.375	0.625	3.5	4 C	3	4 D	15.486	11.746	11.746	1.5
78	36	0.625	0.875	7	8 D*	6	8 D	35.323	23.492	23.492	2.25

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



R3-12

PREFERENTIAL LANE AHEAD - HIGH-OCCUPANCY VEHICLES (POST-MOUNTED)

A	B	C	D	E	F	G	H	J	K	L
30	42	0.5	0.75	6.625	6.125	4.5	4 D	3.5	5.75	VAR
36	60	0.625	0.875	9.125	8.5	6.5	6 D	5	7.875	VAR
48	84	0.75	1.25	13.75	13	8.625	8 D	7	10.625	VAR

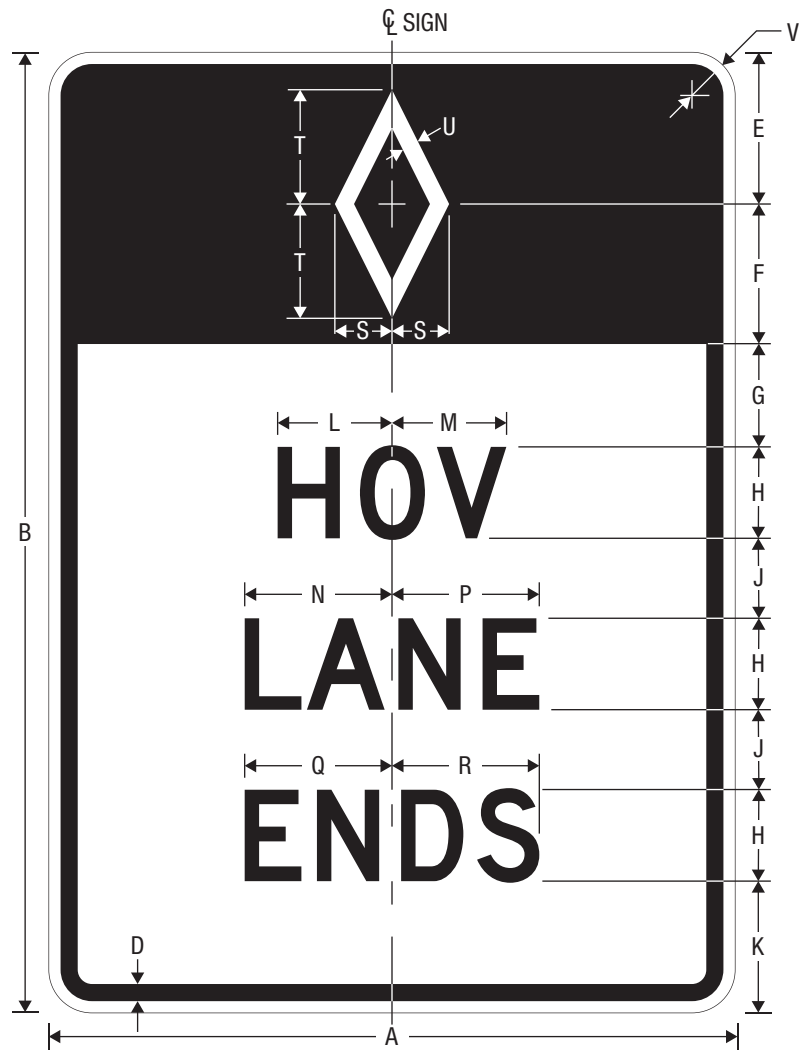
M	N	P	Q	R	S	T	U	V	W	X
10.007	3	5.925	6.444	6.443	8.606	8.605	2.5	5	0.75	1.875
15.011	4	8.888	9.666	9.665	12.909	12.908	3.5	7	1.125	2.25
20.014	6	11.850	12.887	12.887	17.211	17.211	5.5	11	1.75	3

UPPER SECTION

COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

LOWER SECTION

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



R3-12a

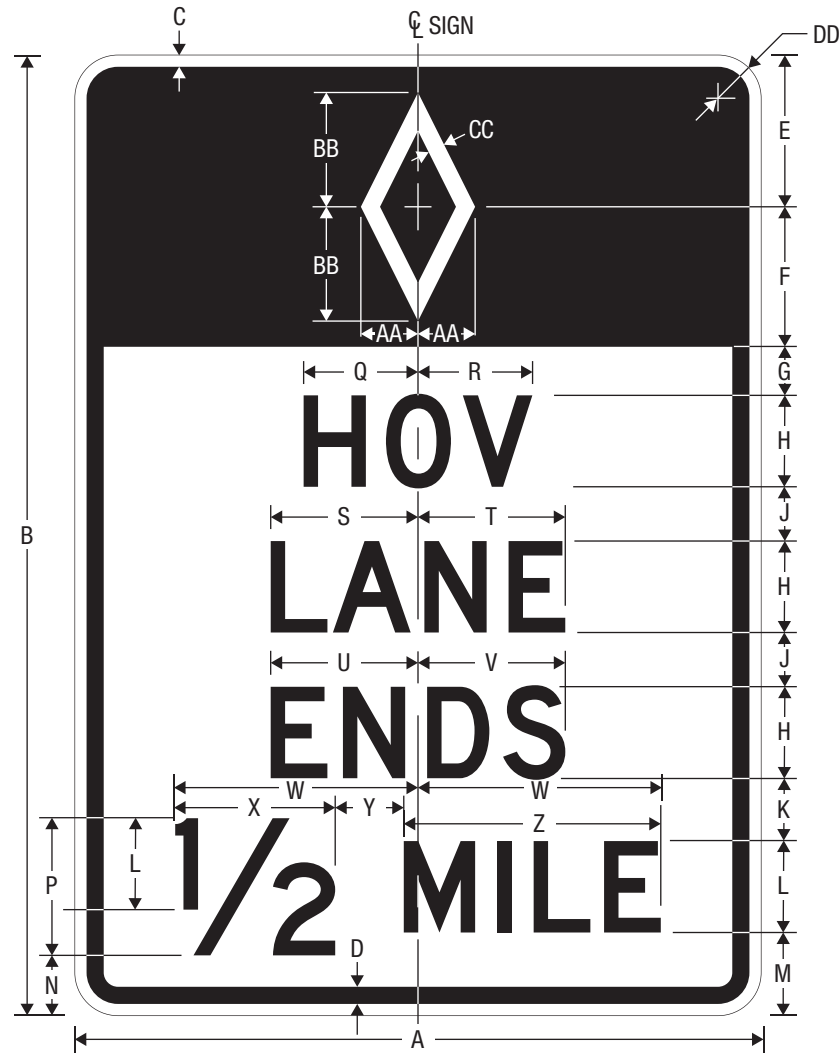
PREFERENTIAL LANE ENDS - HIGH-OCCUPANCY VEHICLES (POST-MOUNTED)

A	B	C	D	E	F	G	H	J	K
30	42	0.5	0.75	6.625	6.125	4.5	4 D	3.5	5.75
36	60	0.625	0.875	9.125	8.5	6.5	6 D	5	7.875
48	84	0.75	1.25	13.75	13	8.625	8 D	7	10.625

L	M	N	P	Q	R	S	T	U	V
5.004	5.003	6.444	6.443	6.445	6.445	2.5	5	0.75	1.875
7.506	7.505	9.666	9.665	9.668	9.667	3.5	7	1.125	2.25
10.007	10.007	12.887	12.887	12.890	12.890	5.5	11	1.75	3

UPPER SECTION
COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

LOWER SECTION
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-12b

PREFERENTIAL LANE ENDS - HIGH-OCCUPANCY VEHICLES (POST-MOUNTED)

A	B	C	D	E	F	G	H	J	K
30	42	0.5	0.75	6.625	6.125	2.125	4 D	2.375	2.75
36	60	0.625	0.875	9.125	8.5	3.375	6 D	3.75	3.875
48	84	0.75	1.25	13.75	13	4.5	8 D	5	5.25

L	M	N	P	Q	R	S	T	U
4 D	3.625	2.625	6	5.004	5.003	6.444	6.443	6.445
5 D	4.625	3.375	7.5	7.506	7.505	9.666	9.665	9.668
7 D	6.5	4.75	10.5	10.007	10.007	12.887	12.887	12.890

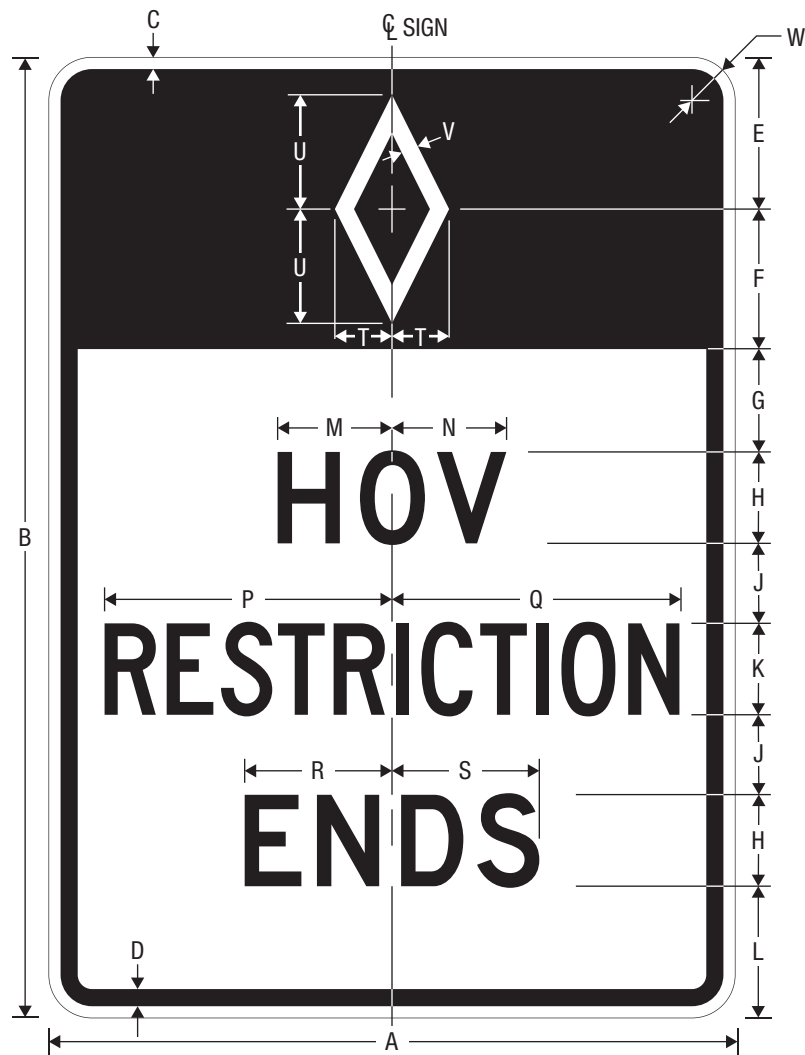
V	W	X	Y	Z	AA	BB	CC	DD
6.445	VAR	VAR	3	11.244	2.5	5	0.75	1.875
9.667	VAR	VAR	3.75	14.055	3.5	7	1.125	2.25
12.890	VAR	VAR	5.25	19.677	5.5	11	1.75	3

UPPER SECTION

COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

LOWER SECTION

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



R3-12c

PREFERENTIAL LANE RESTRICTION ENDS - HIGH-OCCUPANCY VEHICLES (POST-MOUNTED)

* Reduce Spacing 30%.

A	B	C	D	E	F	G	H	J	K	L
30	42	0.5	0.75	6.625	6.125	4.5	4 D	3.5	4 C*	5.75
36	60	0.625	0.875	9.125	8.5	6.5	6 D	5	6 B*	7.875
48	84	0.75	1.25	13.75	13	8.625	8 D	7	8 B*	10.625

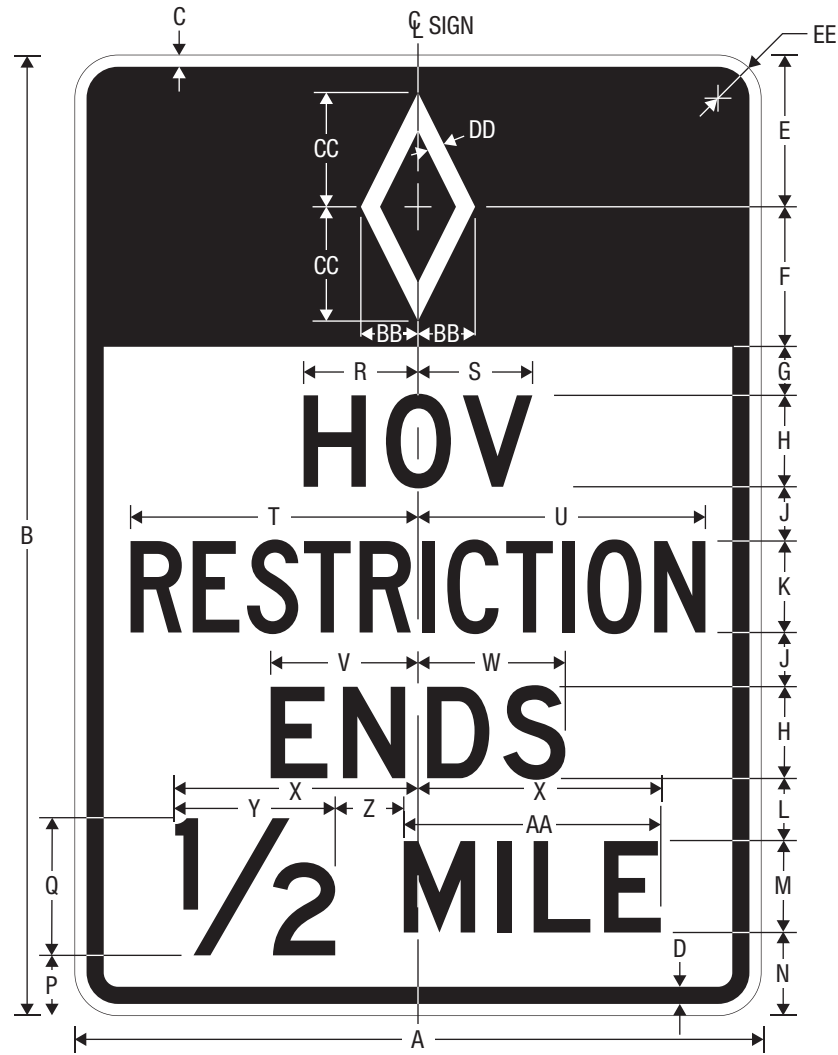
M	N	P	Q	R	S	T	U	V	W
5.004	5.003	12.575	12.574	6.445	6.445	2.5	5	0.75	1.875
7.506	7.505	15.103	15.103	9.668	9.667	3.5	7	1.125	2.25
10.007	10.007	20.137	20.137	12.890	12.890	5.5	11	1.75	3

UPPER SECTION

COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

LOWER SECTION

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



R3-12d

PREFERENTIAL LANE RESTRICTION ENDS - HIGH-OCCUPANCY VEHICLES (POST-MOUNTED)

★ Reduce Spacing 30%.

A	B	C	D	E	F	G	H	J	K
30	42	0.5	0.75	6.625	6.125	2.125	4 D	2.375	4 C*
36	60	0.625	0.875	9.125	8.5	3.375	6 D	3.75	6 B*
48	84	0.75	1.25	13.75	13	4.5	8 D	5	8 B*

L	M	N	P	Q	R	S	T	U	V
2.75	4 D	3.625	2.625	6	5.004	5.003	12.575	12.574	6.445
3.875	5 D	4.625	3.375	7.5	7.506	7.505	15.103	15.103	9.668
5.25	7 D	6.5	4.75	10.5	10.007	10.007	20.137	20.137	12.890

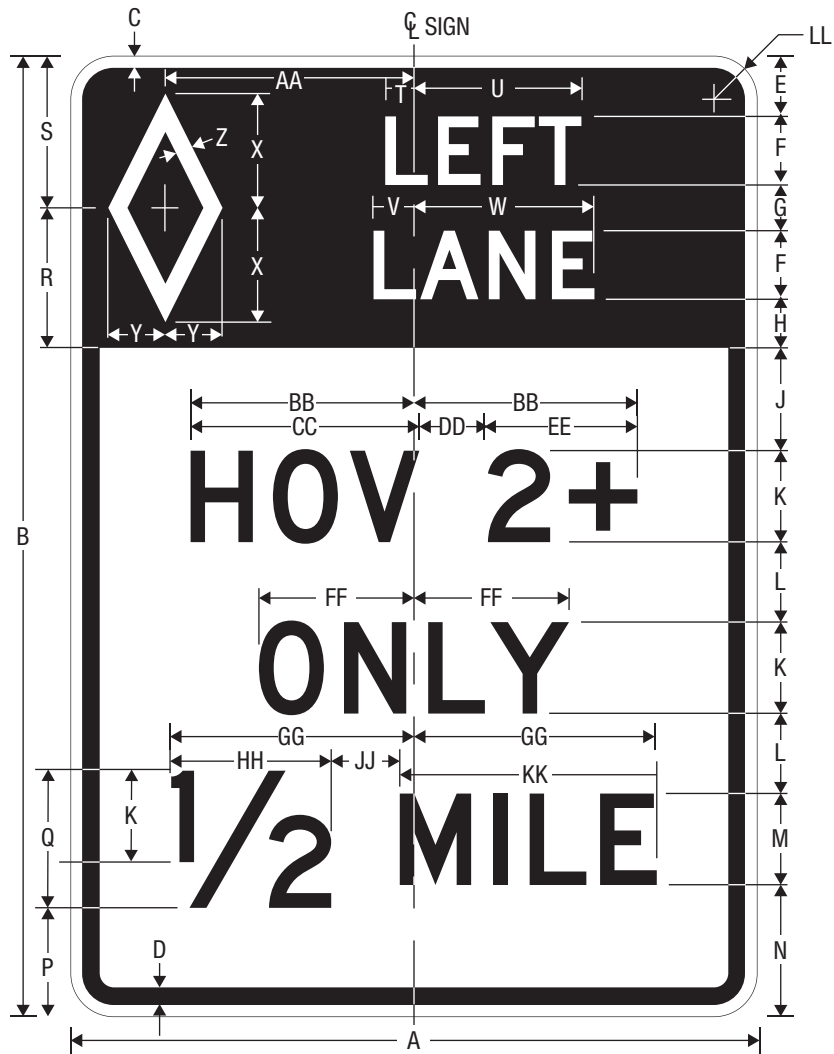
W	X	Y	Z	AA	BB	CC	DD	EE
6.445	VAR	VAR	3	VAR	2.5	5	.75	1.875
9.667	VAR	VAR	3.75	VAR	3.5	7	1.125	2.25
12.890	VAR	VAR	5.25	VAR	5.5	11	1.75	3

UPPER SECTION

COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

LOWER SECTION

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



R3-12e

PREFERENTIAL LANE AHEAD- HIGH-OCCUPANCY VEHICLES (POST-MOUNTED)

A	B	C	D	E	F	G	H	J	K	L	M
30	42	0.5	0.75	2.625	3 D	2	2.125	4.5	4 D	3.5	4 D
36	60	0.625	0.875	3.625	4 D	3	3	6	6 D	6	5 D
48	84	0.75	1.25	5.5	6 D	4.5	4.75	7.5	8 D	8	7 D

N	P	Q	R	S	T	U	V	W	X	Y	Z
5.75	4.75	6	6.125	6.625	1.259	7.324	1.770	7.895	5	2.5	0.75
7.375	6.125	7.5	8.5	9.125	1.472	9.972	2.194	10.693	7	3.5	1.125
10.5	8.75	10.5	13	13.75	1.583	15.583	2.666	16.665	11	5.5	1.75

AA	BB	CC	DD	EE	FF	GG	HH	JJ	KK	LL
10.875	VAR	9.466	3	5.925	6.784	VAR	VAR	3	VAR	1.875
12.375	VAR	13.949	4	8.888	10.176	VAR	VAR	3.75	VAR	2.25
14.75	VAR	18.932	6	11.850	13.568	VAR	VAR	5.25	VAR	3

UPPER SECTION

COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

LOWER SECTION

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

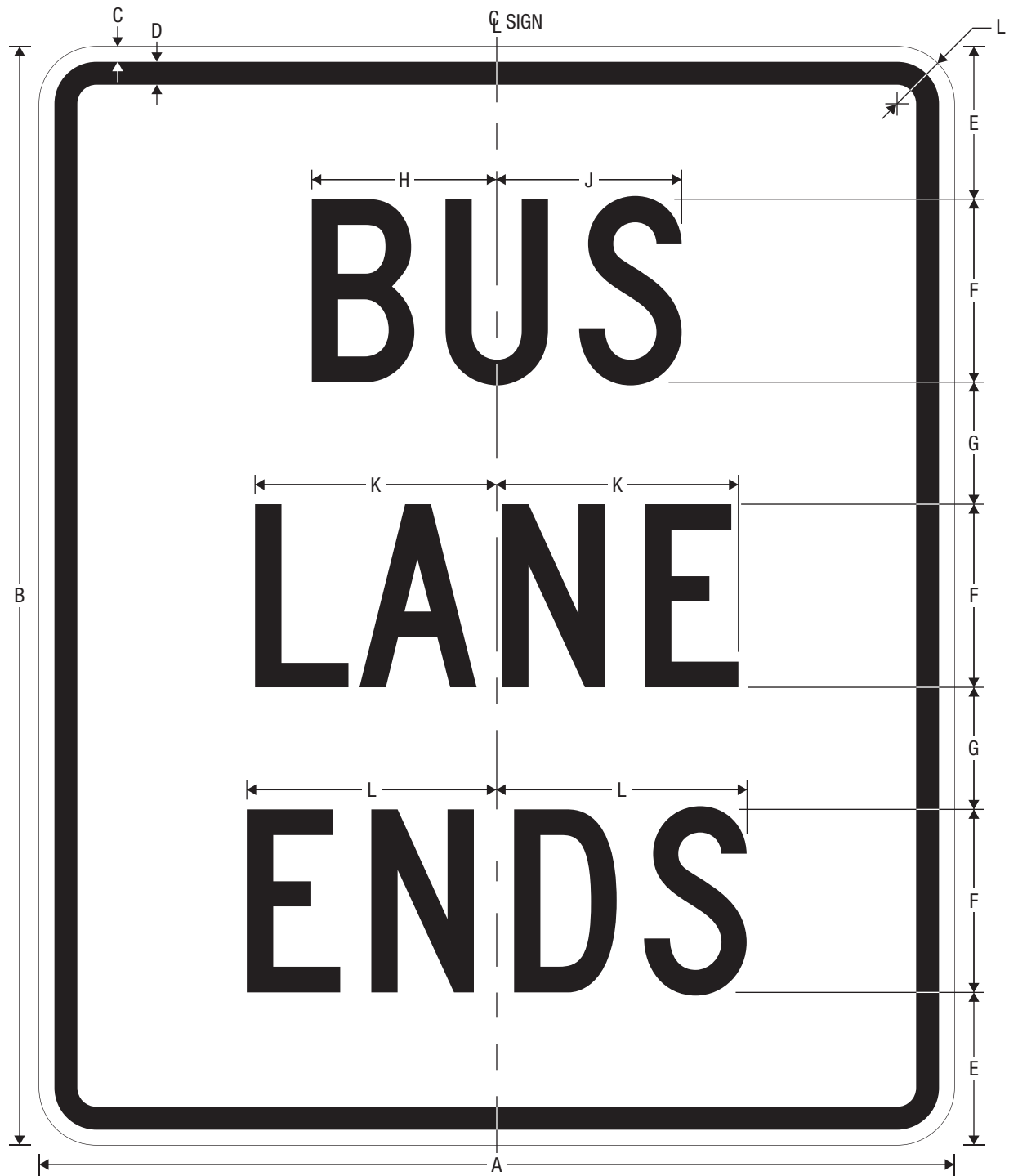


R3-12f

PREFERENTIAL LANE AHEAD (POST-MOUNTED)

A	B	C	D	E	F	G	H	J	K	L	M	N
30	36	0.5	0.75	5	6 C	4	6.063	6.062	7.923	10.504	10.504	1.875
36	48	0.625	0.875	6.5	8 C	5.5	8.083	8.083	10.564	14.005	14.005	2.25
48	60	0.75	1.25	8	10 C	7	10.104	10.104	13.205	17.507	17.506	3

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

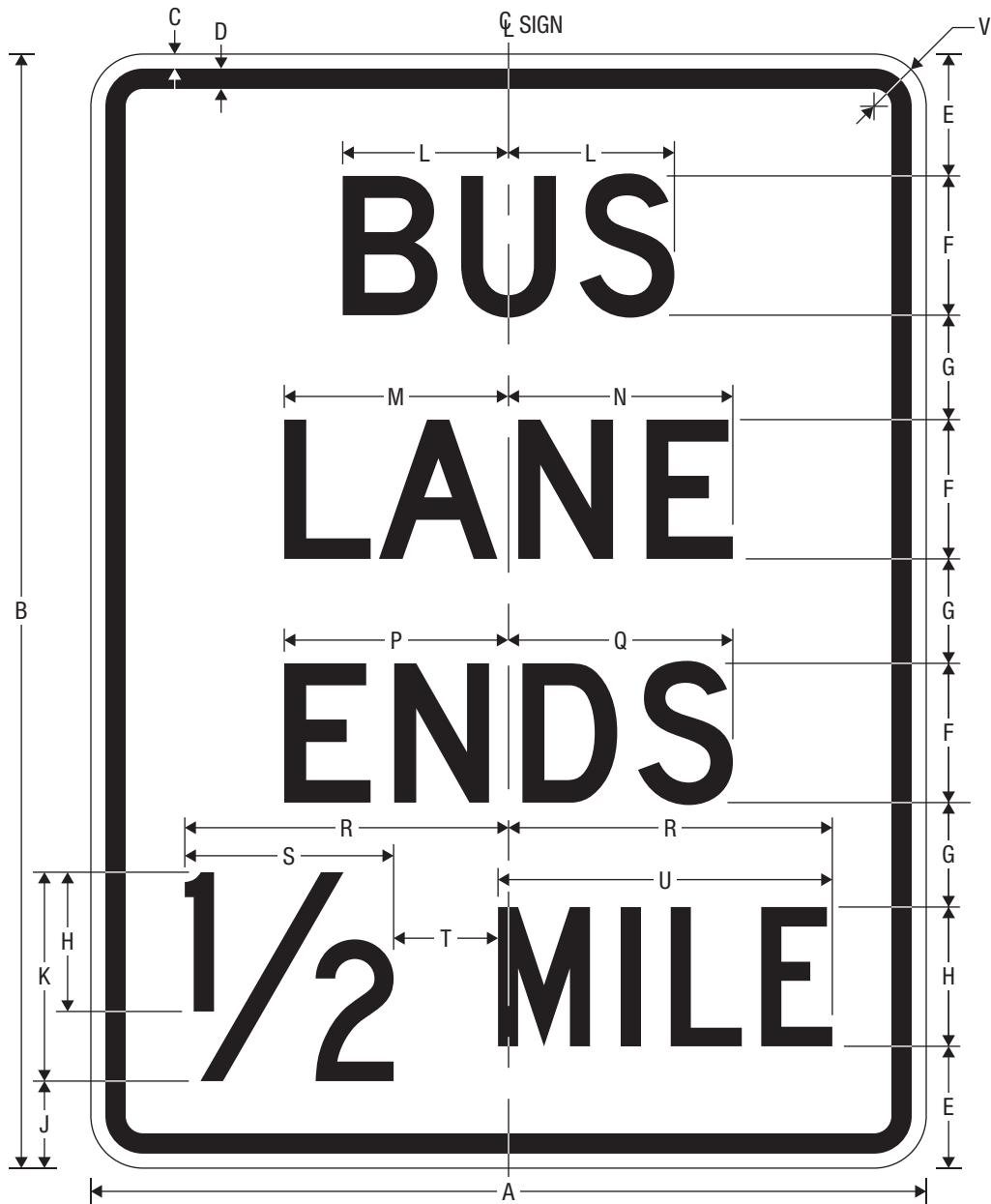


R3-12g

PREFERENTIAL LANE ENDS (POST-MOUNTED)

A	B	C	D	E	F	G	H	J	K	L	M
30	36	0.5	0.75	5	6 C	4	6.063	6.062	7.923	8.193	1.875
36	48	0.625	0.875	6.5	8 C	5.5	8.083	8.083	10.564	10.924	2.25
48	60	0.75	1.25	8	10 C	7	10.104	10.104	13.205	13.655	3

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



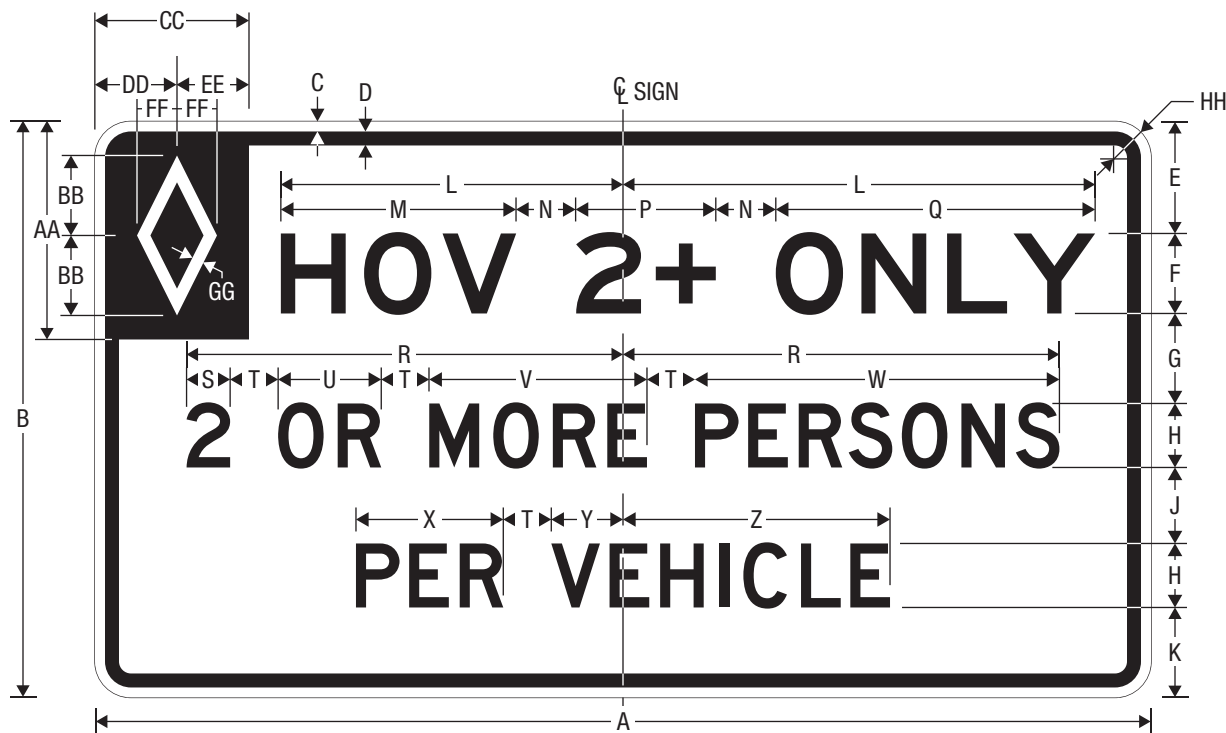
R3-12h

PREFERENTIAL LANE ENDS (POST-MOUNTED)

A	B	C	D	E	F	G	H	J	K
36	48	0.625	0.875	5.25	6 D	4.5	6 C	3.75	9
48	66	0.75	1.25	8	8 D	6	8 C	6	12
60	84	0.75	1.25	10	10 D	8	10 C	7.5	15

L	M	N	P	Q	R	S	T	U	V
7.147	9.666	9.665	9.668	9.667	VAR	VAR	4.5	VAR	2.25
9.529	12.887	12.887	12.890	12.890	VAR	VAR	6	VAR	3
11.911	16.109	16.109	16.113	16.112	VAR	VAR	8	VAR	3

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



R3-13

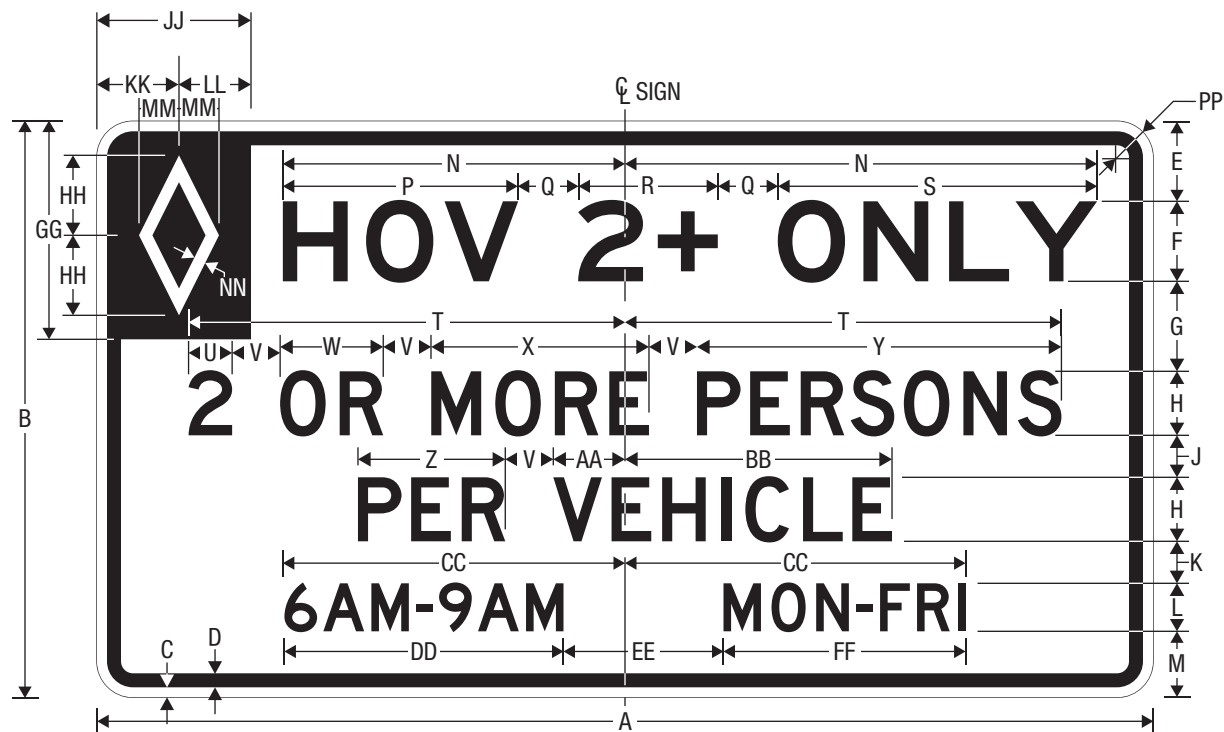
PREFERENTIAL LANE VEHICLE OCCUPANCY DEFINITION (OVERHEAD)

A	B	C	D	E	F	G	H	J	K	L
66	36	0.625	0.875	7	5 E	5.625	4 D	4.75	5.625	VAR
84	48	0.75	1.25	9.25	6 E	9	5 D	5.75	8	VAR
144	78	1.125	1.875	13.5	10 E	13	9 D	11.5	12	VAR

M	N	P	Q	R	S	T	U	V	W	X
14.708	3.75	VAR	19.959	VAR	VAR	3	6.445	13.608	22.778	9.207
17.649	4.5	VAR	23.951	VAR	VAR	3.75	8.056	17.010	28.473	11.509
29.415	7.5	VAR	39.918	VAR	VAR	6.75	14.501	30.618	51.251	20.716

Y	Z	AA	BB	CC	DD	EE	FF	GG	HH
4.482	16.689	13.625	5	9.625	5.125	4.5	2.5	.75	2.25
5.603	20.861	18.75	7	12.5	6.608	5.892	3.5	1	3
10.085	37.550	27.875	11	21.5	11.5	10	5.5	1.75	4

COLORS: LEGEND — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)
SYMBOL — WHITE (RETROREFLECTIVE) ON BLACK



R3-13a

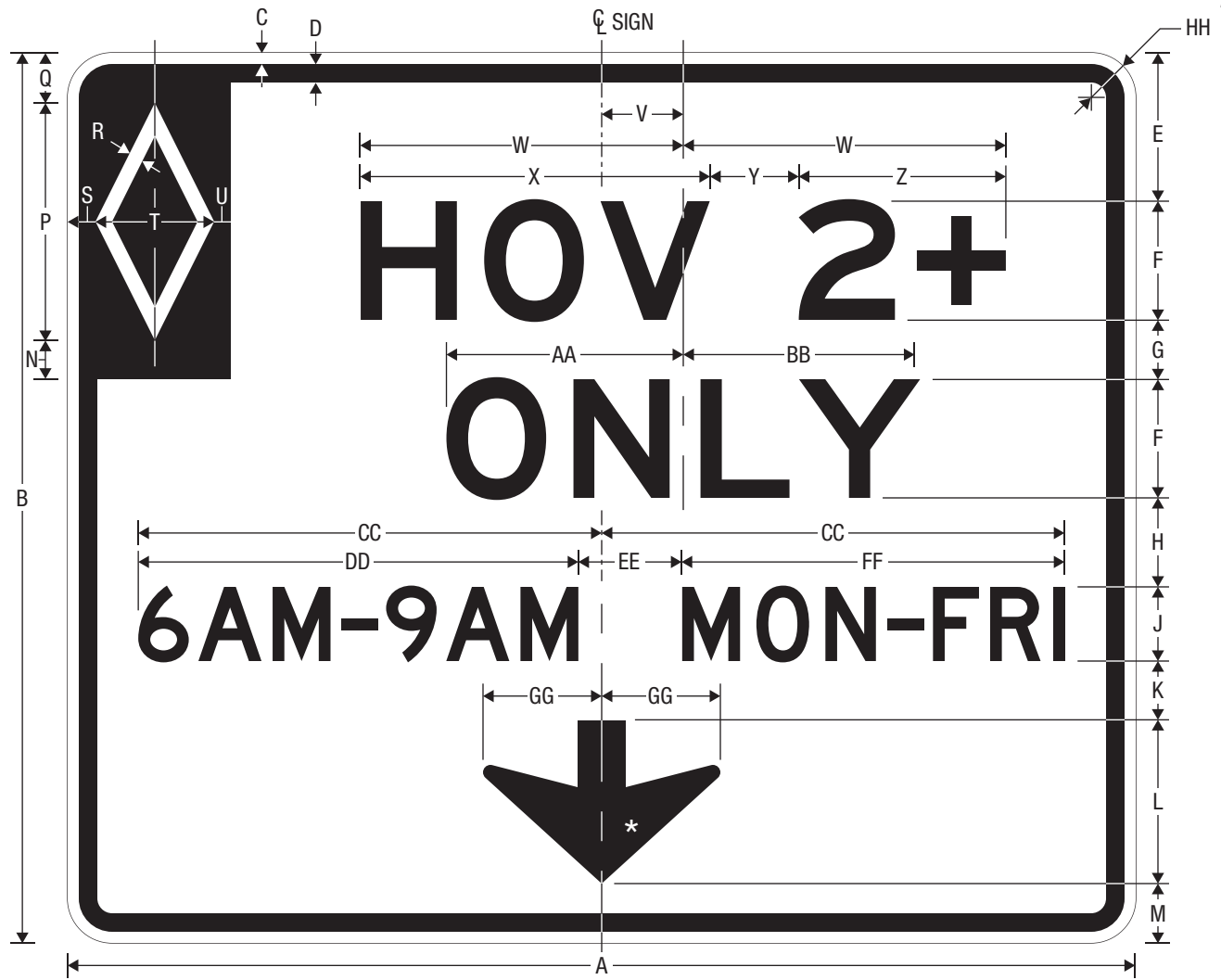
PREFERENTIAL LANE VEHICLE OCCUPANCY DEFINITION (OVERHEAD)

A	B	C	D	E	F	G	H	J	K	L	M	N
66	36	0.625	0.875	5	5 E	5.625	4 D	2.625	2.625	3 D	4.125	VAR
84	48	0.75	1.25	7.25	6 E	9	5 D	4	3.5	4 D	4.25	VAR
144	78	1.125	1.875	11.5	10 E	10	9 D	7	7	7 D	7.5	VAR

P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB
14.708	3.75	VAR	19.959	VAR	VAR	3	6.445	13.608	22.778	9.207	4.482	16.689
17.649	4.5	VAR	23.951	VAR	VAR	3.75	8.056	17.010	28.473	11.509	5.603	20.861
29.415	7.5	VAR	39.918	VAR	VAR	6.75	14.501	30.618	51.251	20.716	10.085	37.550

CC	DD	EE	FF	GG	HH	JJ	KK	LL	MM	NN	PP
VAR	VAR	10	VAR	13.625	5	9.625	5.125	4.5	2.5	.75	2.25
VAR	VAR	12	VAR	18.75	7	12.5	6.608	5.892	3.5	1	3
VAR	VAR	21	VAR	27.875	11	21.5	11.5	10	5.5	1.75	4

COLORS: LEGEND — BLACK
 BACKGROUND — WHITE (RETROREFLECTIVE)
 SYMBOL — WHITE (RETROREFLECTIVE) ON BLACK



R3-14

HOV LANE OPERATION (OVERHEAD)

* See page 7-5 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
72	60	0.75	1.25	10	8 E	4	6	5 D	4	11
96	72	1.125	1.875	12	9 E	6	6	7 D	7	11
144	108	1.125	1.875	14	14 E	10	9.5	9 D	9.5	22

M	N	P	Q	R	S	T	U	V	W	X
4	2.625	16	3.375	1	1.875	8	1.125	5.5	VAR	23.532
5	4.5	20	5.625	1.5	3.063	10	1.938	5.5	VAR	26.474
6	5	30	6.125	2	4.063	15	2.938	5.5	VAR	41.181

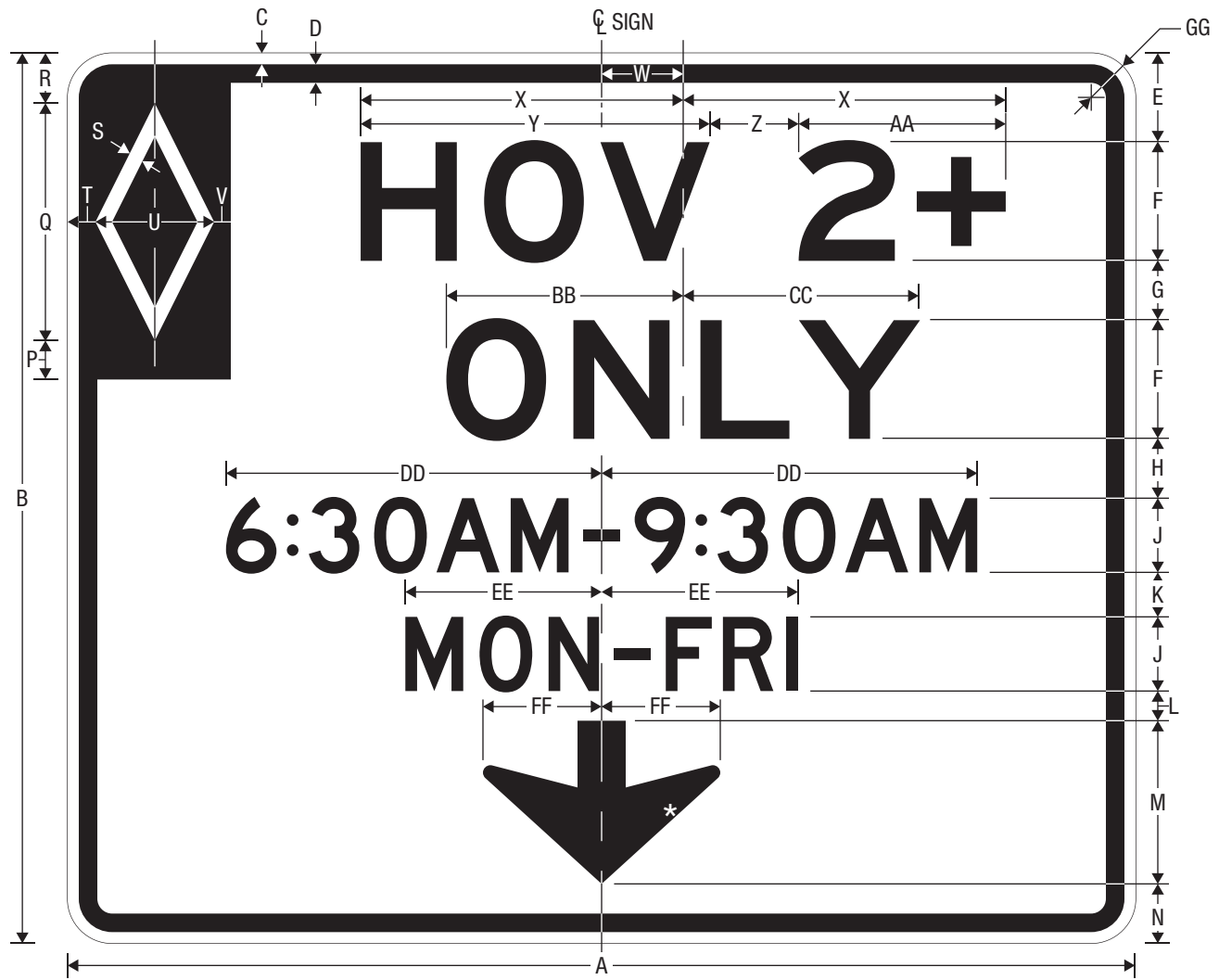
Y	Z	AA	BB	CC	DD	EE	FF	GG	HH
6	VAR	15.967	15.967	VAR	VAR	7	VAR	8	3
6.75	VAR	17.963	17.963	VAR	VAR	8	VAR	8	6
12	VAR	27.943	27.942	VAR	VAR	16	VAR	16	9

UPPER LEFT SECTION

COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

REMAINDER OF SIGN

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



R3-14a

HOV LANE OPERATION (OVERHEAD)

* See page 7-5 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
72	60	0.75	1.25	6	8 E	4	4	5 D	3	2
96	72	0.75	1.25	7	9 E	5	5	7 D	4	3
144	108	0.75	1.25	9	14 E	8	7	9 D	6	4

M	N	P	Q	R	S	T	U	V	W
11	4	2.625	16	3.375	1	1.875	8	1.125	5.5
11	5	4.5	20	5.625	1.5	3.063	10	1.938	5.5
22	6	5	30	6.125	2	4.063	15	2.938	5.5

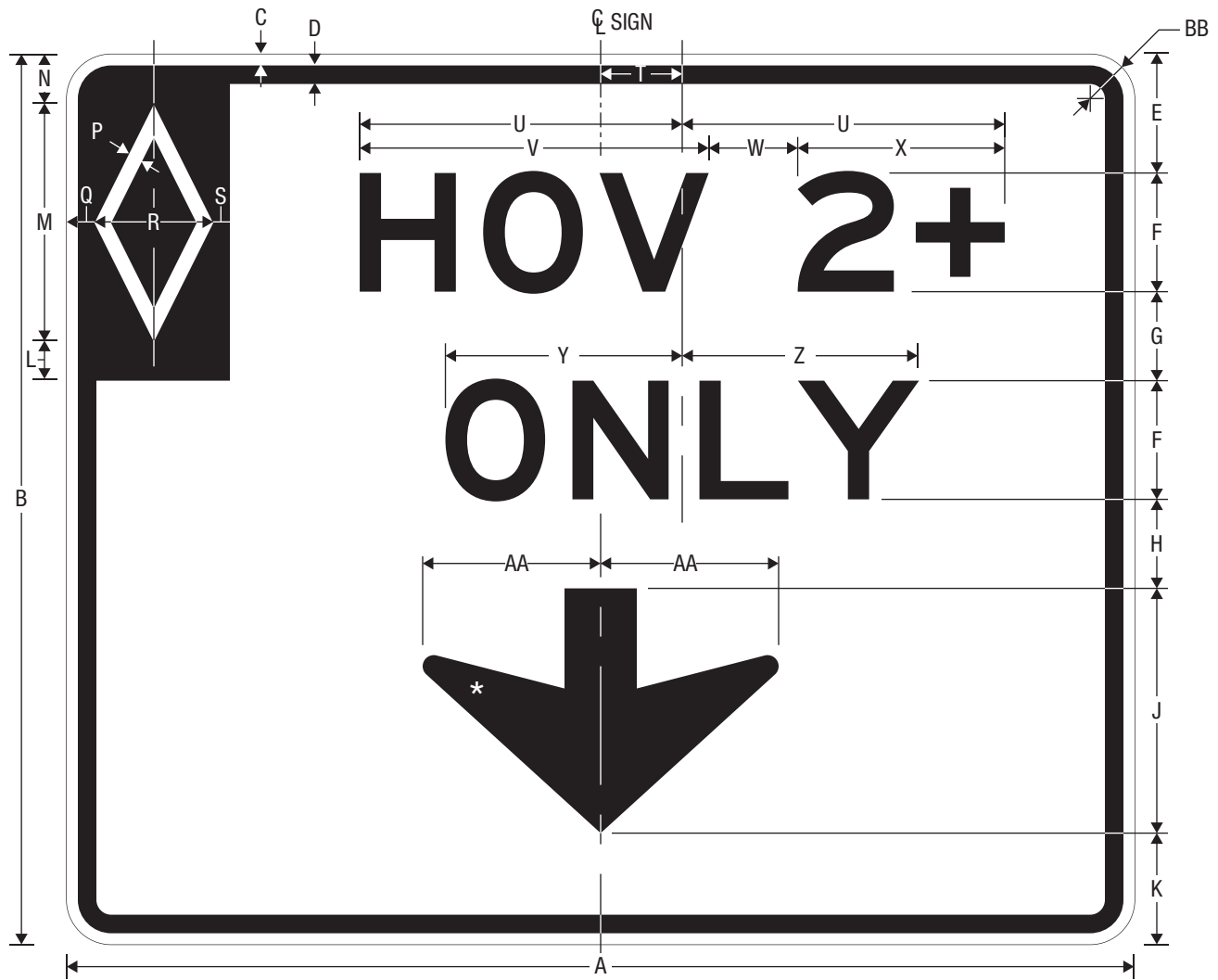
X	Y	Z	AA	BB	CC	DD	EE	FF	GG
VAR	23.532	6	VAR	15.967	15.967	VAR	VAR	8	3
VAR	26.474	6.75	VAR	17.963	17.963	VAR	VAR	8	6
VAR	41.181	12	VAR	27.943	27.942	VAR	VAR	16	9

UPPER LEFT SECTION

COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

REMAINDER OF SIGN

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



R3-14b

HOV LANE OPERATION (OVERHEAD)

* See page 7-5 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N
72	60	0.75	1.25	8	8 E	6	6	16.5	7.5	2.625	16	3.375
96	72	0.75	1.25	10	10 E	7	9	16.5	9.5	4.125	27	4.875
120	96	0.75	1.25	12	12 E	10	15	22	13	5.625	36	6.375

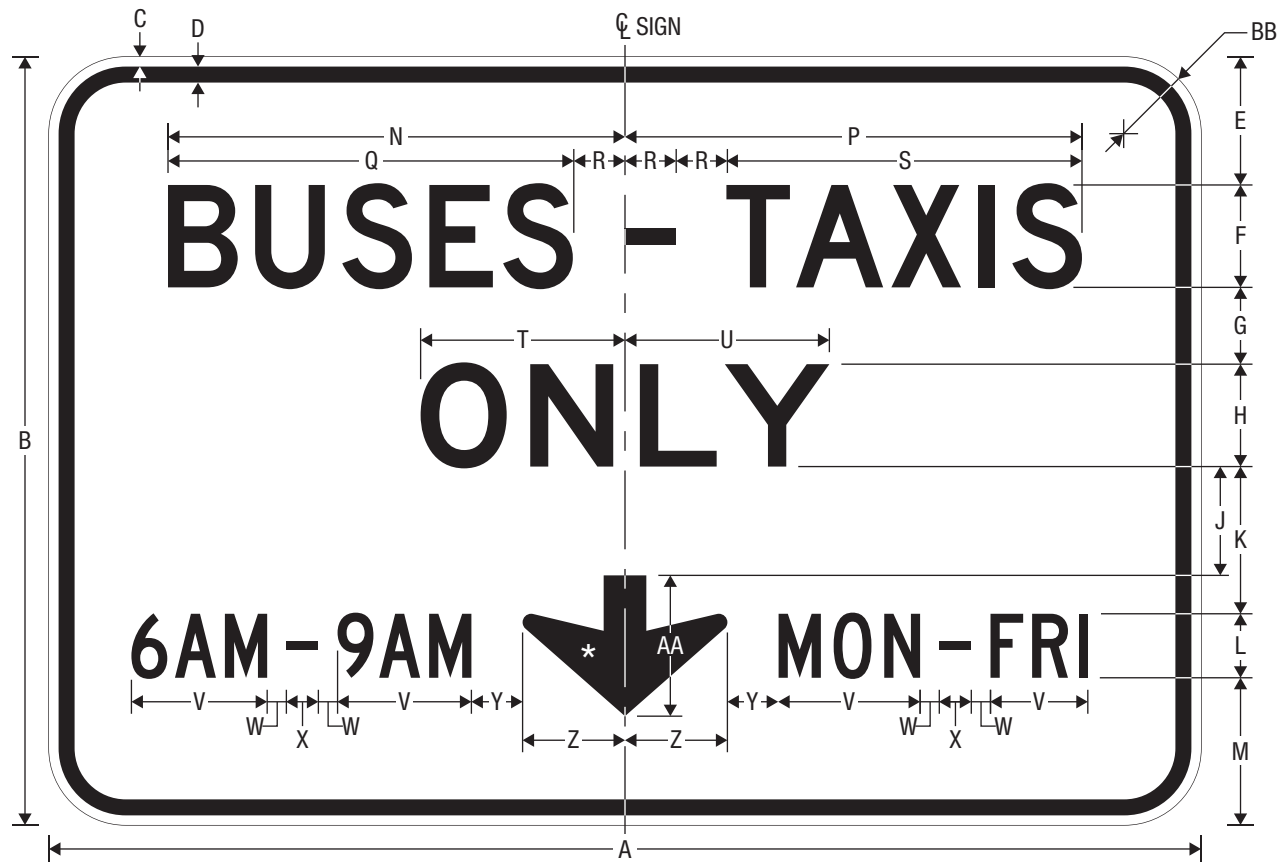
P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB
1	1.875	8	1.125	5.5	VAR	23.532	6	VAR	15.967	15.967	12	3
1.875	4.25	13.5	3.25	10.5	VAR	29.415	8	VAR	19.959	19.959	12	6
2.5	6.375	18	5.625	15	VAR	35.298	12	VAR	23.951	23.950	16	9

UPPER LEFT SECTION

COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

REMAINDER OF SIGN

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



R3-14c

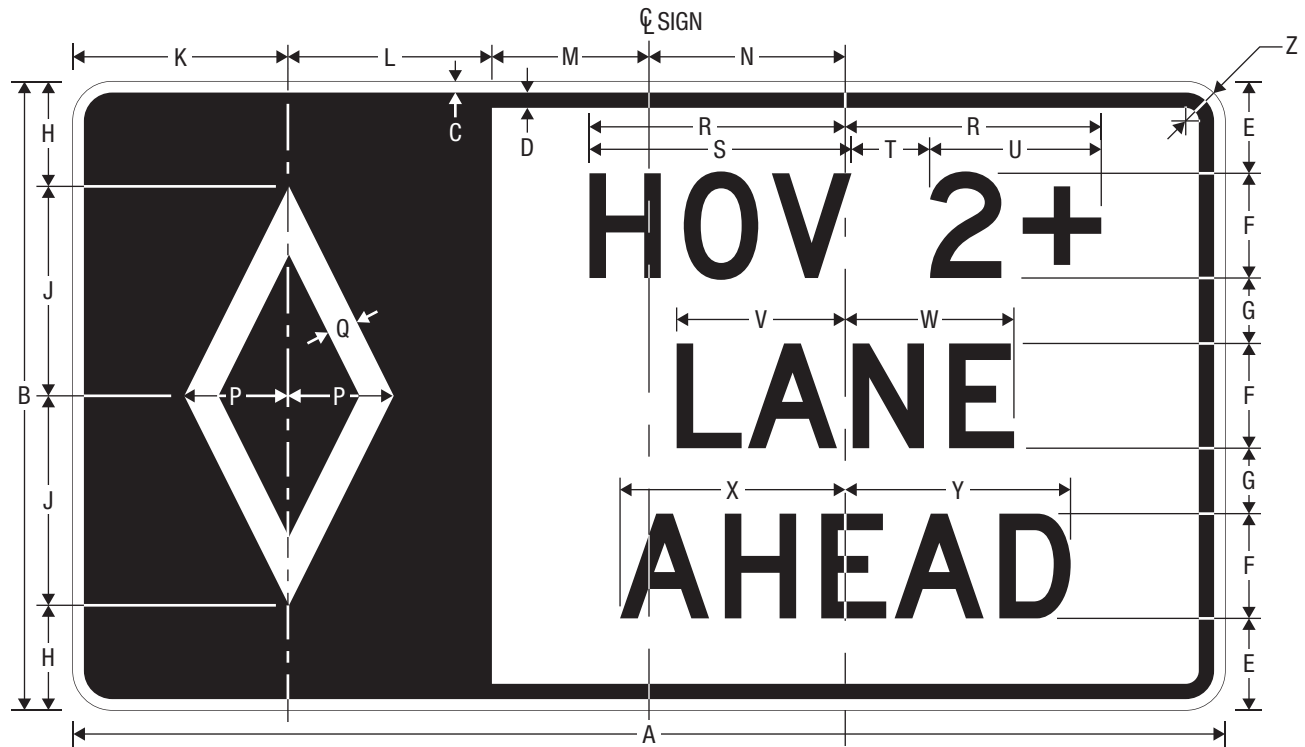
PREFERENTIAL LANE OPERATION (OVERHEAD)

* See page 7-5 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N
90	60	0.75	1.25	10	8 D	6	8 E	8.5	11.5	5 C	11.5	35.702
108	72	0.75	1.25	10	10 D	7.5	10 E	10	15.25	6 C	13.25	44.628
156	102	0.75	1.25	16	12 E	10	12 E	17	23	8 D	21	62.723

P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB
35.702	31.626	4	27.778	15.967	15.967	VAR	1.5	2.5	4	8	11	6
44.628	39.533	5	34.723	19.959	19.959	VAR	2	3	4.5	12	16.5	6
62.722	56.784	6	50.661	23.951	23.950	VAR	2.5	4	6	16	22	9

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



R3-15

HOV LANE AHEAD (OVERHEAD)

A	B	C	D	E	F	G	H	J	K	L	M
66	36	0.625	0.875	5.25	6 D	3.75	6	12	12.313	11.687	9
84	48	0.75	1.25	7	8 D	5	8	16	15.375	14.625	12
102	60	0.75	1.25	8.625	10 D	6.375	10	20	18.375	17.625	15

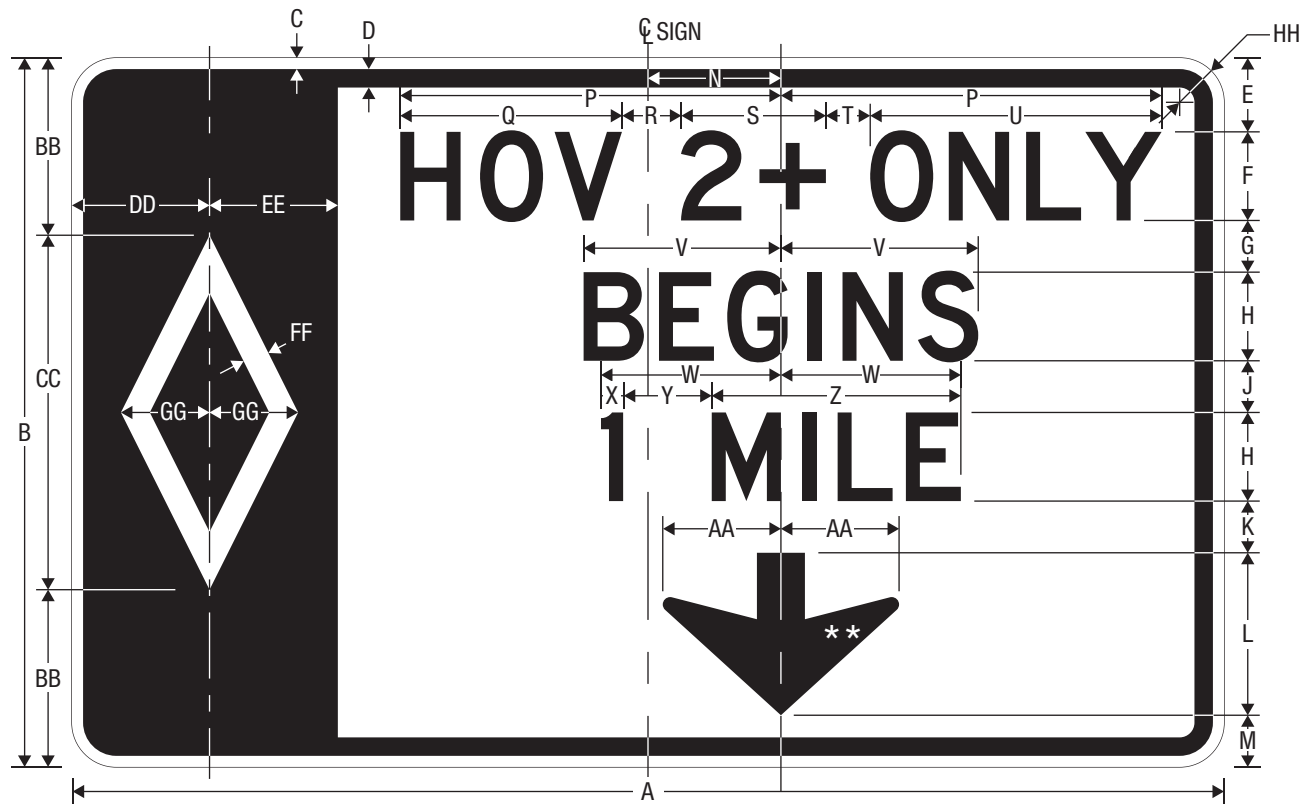
N	P	Q	R	S	T	U	V	W	X	Y	Z
11.25	6	1.75	VAR	15.011	4.5	8.888	9.666	9.665	12.909	12.908	2.25
14	8	2.25	VAR	20.014	6	11.85	12.887	12.887	17.211	17.211	3
16.75	10	3	VAR	25.018	7.5	14.813	16.109	16.109	21.514	21.514	3

LEFT SECTION

COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

RIGHT SECTION

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



R3-15a

HOV LANE BEGINS XX MILES (OVERHEAD)

* Reduce Spacing 20%.

** See page 7-5 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
78	48	0.75	1.25	5	6 D	3.5	6 D	3.5	3.5	16
114	72	0.75	1.25	8	8 D	6	8 E	6	5.5	16.5
144	84	0.75	1.25	8	10 D	8	10 E	8	7.5	16.5
150	108	0.75	1.25	12	12 D	10	12 E	10.5	9.5	22

M	N	P	Q	R	S	T	U	V	W	X
3.5	9	VAR	15.011	4	VAR	3	19.728*	13.360	VAR	VAR
6	15	VAR	20.014	6	VAR	6	26.304*	20.928	VAR	VAR
6	18	VAR	25.018	8	VAR	8	32.880*	26.160	VAR	VAR
8	18.133	VAR	30.021	9	VAR	8	39.456*	31.392	VAR	VAR

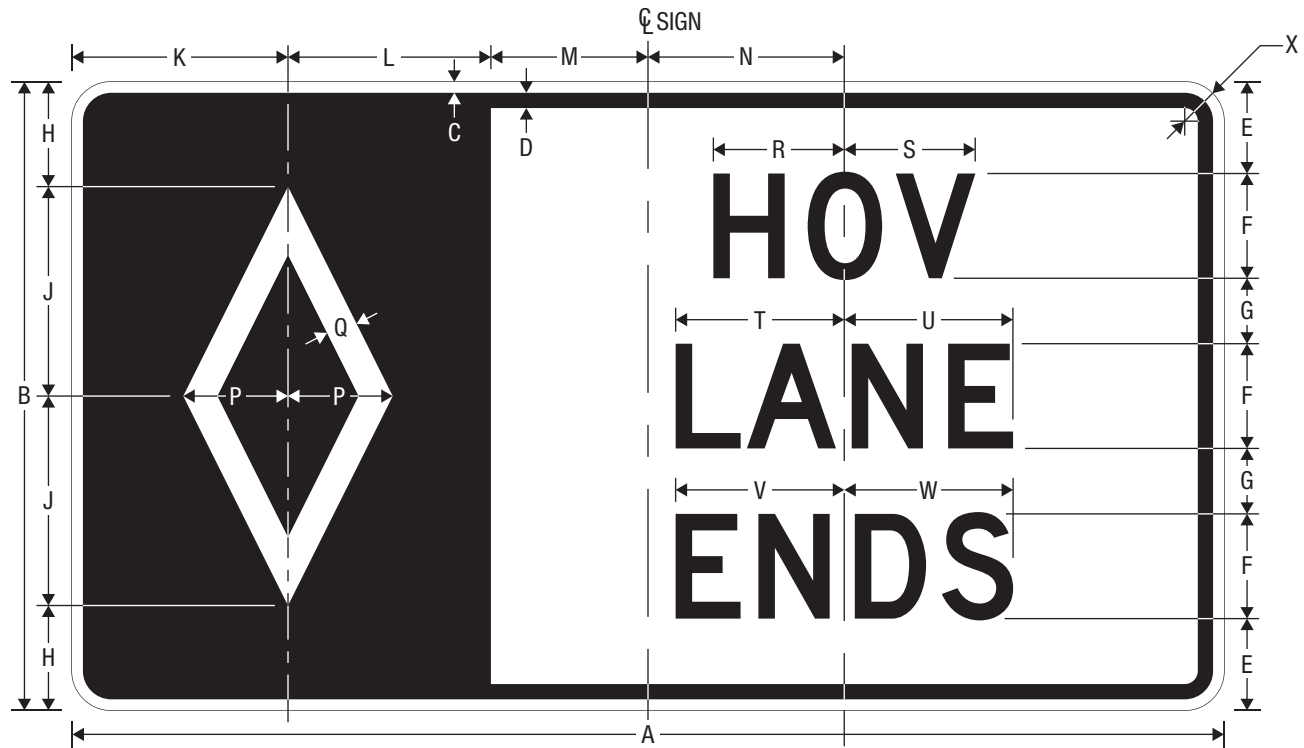
Y	Z	AA	BB	CC	DD	EE	FF	GG	HH
6	VAR	8	12	24	9.313	8.687	1.75	6	3
10	VAR	12	20	32	15.375	14.625	2.25	8	9
12	VAR	12	22	40	18.375	17.625	2.75	10	9
15	VAR	16	32	44	18.375	17.625	3.5	11	12

LEFT SECTION

COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

RIGHT SECTION

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



R3-15b
HOV LANE ENDS (OVERHEAD)

A	B	C	D	E	F	G	H	J	K	L
66	36	0.625	0.875	5.25	6 D	3.75	6	12	12.375	11.625
84	48	0.75	1.25	7	8 D	5	8	16	15.375	14.625
102	60	0.75	1.25	8.625	10 D	6.375	10	20	18.375	17.625

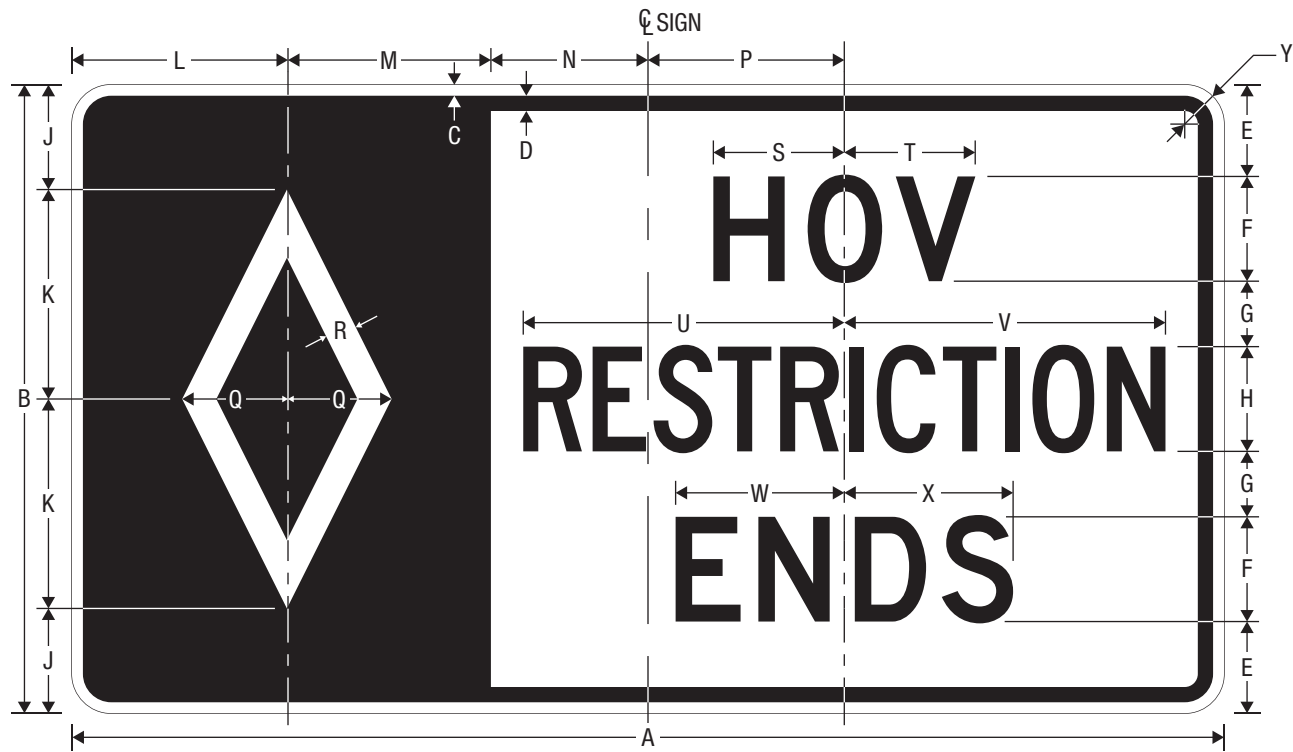
M	N	P	Q	R	S	T	U	V	W	X
9	11.25	6	1.75	7.506	7.505	9.666	9.665	9.668	9.667	2.25
12	14	8	2.25	10.007	10.007	12.887	12.887	12.890	12.890	3
15	16.75	10	3	12.509	12.509	16.109	16.109	16.113	16.112	3

LEFT SECTION

COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

RIGHT SECTION

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



R3-15c
HOV LANE ENDS (OVERHEAD)

* Reduce Spacing 40%.
** Reduce Spacing 50%.

A	B	C	D	E	F	G	H	J	K	L	M
66	36	0.625	0.875	5.25	6 D	3.75	6 C*	6	12	12.313	11.687
84	48	0.75	1.25	7	8 D	5	8 C**	8	16	15.375	14.625
102	60	0.75	1.25	8.625	10 D	6.375	10 C**	10	20	18.375	17.625

N	P	Q	R	S	T	U	V	W	X	Y
9	11.25	6	1.75	7.506	7.505	18.397	18.397	9.668	9.667	2.25
12	14	8	2.25	10.007	10.007	23.909	23.909	12.890	12.890	3
14.875	17.063	10	3	12.509	12.509	29.887	29.886	16.113	16.112	3

LEFT SECTION
COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

RIGHT SECTION
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)

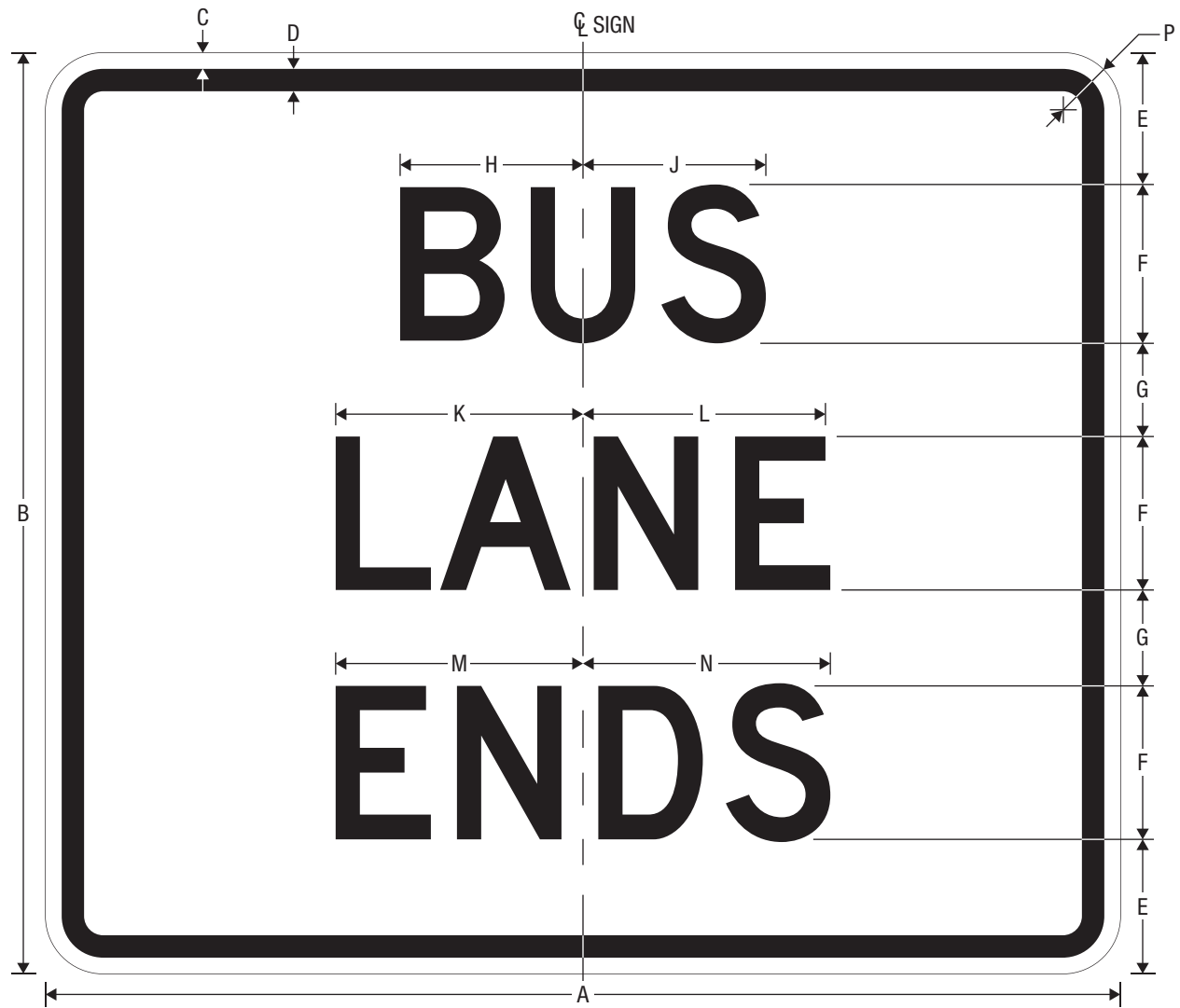


R3-15d

PREFERENTIAL LANE AHEAD OR ENDS (OVERHEAD)

A	B	C	D	E	F	G	H	J	K	L	M	N	P
42	36	0.625	0.875	5.25	6 D	3.75	7.147	7.147	9.666	9.665	12.909	12.908	2.25
54	48	0.75	1.25	7	8 D	5	9.529	9.529	12.887	12.887	17.211	17.211	3
72	60	0.75	1.25	8.625	10 D	6.375	11.912	11.911	16.109	16.109	21.514	21.514	3

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

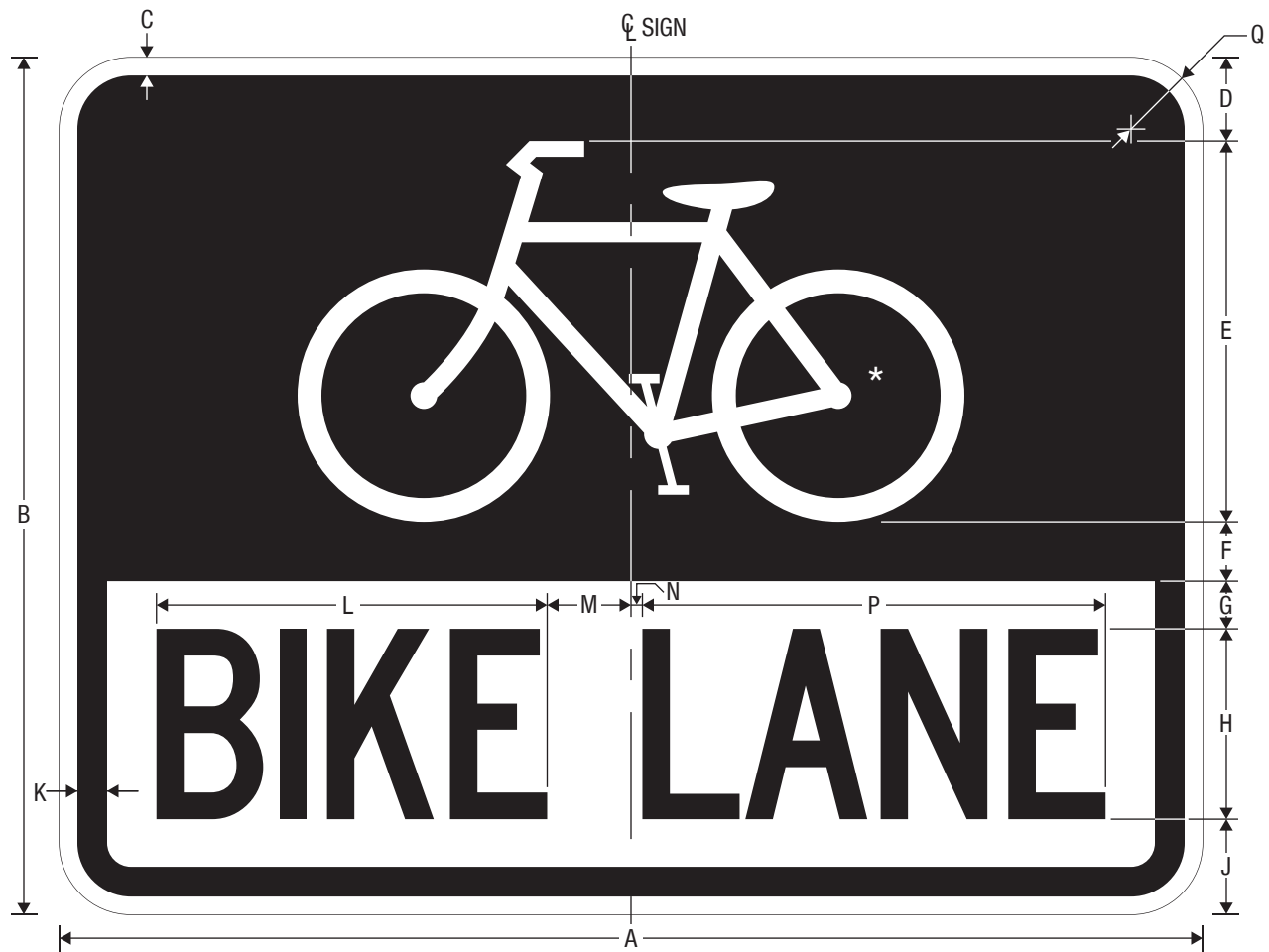


R3-15e

PREFERENTIAL LANE AHEAD OR ENDS (OVERHEAD)

A	B	C	D	E	F	G	H	J	K	L	M	N	P
42	36	0.625	0.875	5.25	6 D	3.75	7.147	7.147	9.666	9.665	9.668	9.667	2.25
54	48	0.75	1.25	7	8 D	5	9.529	9.529	12.887	12.887	12.890	12.890	3
72	60	0.75	1.25	8.625	10 D	6.375	11.912	11.911	16.109	16.109	16.113	16.112	3

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



R3-17
BIKE LANE

* See page 8-4 for symbol design.

** Reduce Spacing 50%.

A	B	C	D	E	F	G	H
24	18	0.375	1.75	8	1.25	1	4 C**

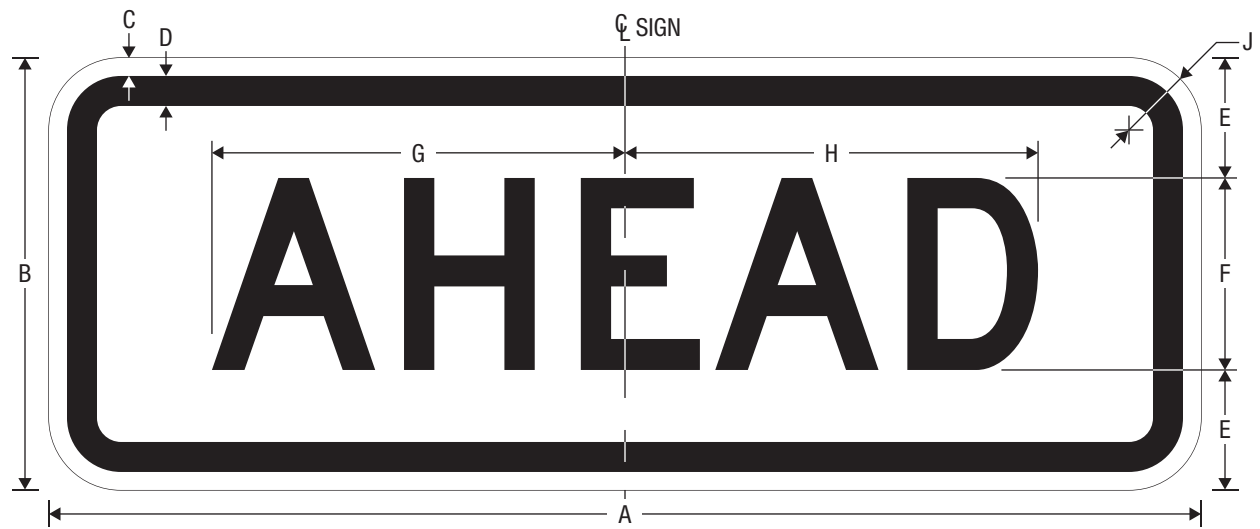
J	K	L	M	N	P	Q
2	0.625	8.203	1.757	0.243	9.724	1.5

TOP SECTION

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

BOTTOM SECTION

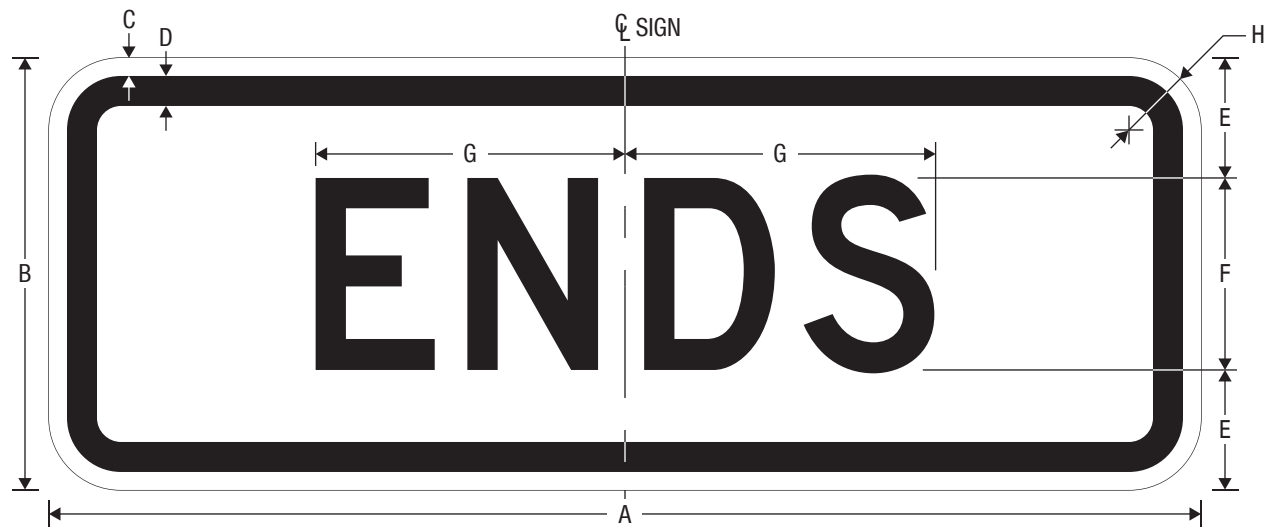
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-17aP
AHEAD (PLAQUE)

A	B	C	D	E	F	G	H	J
24	9	0.375	0.625	2.5	4 D	8.606	8.605	1.5

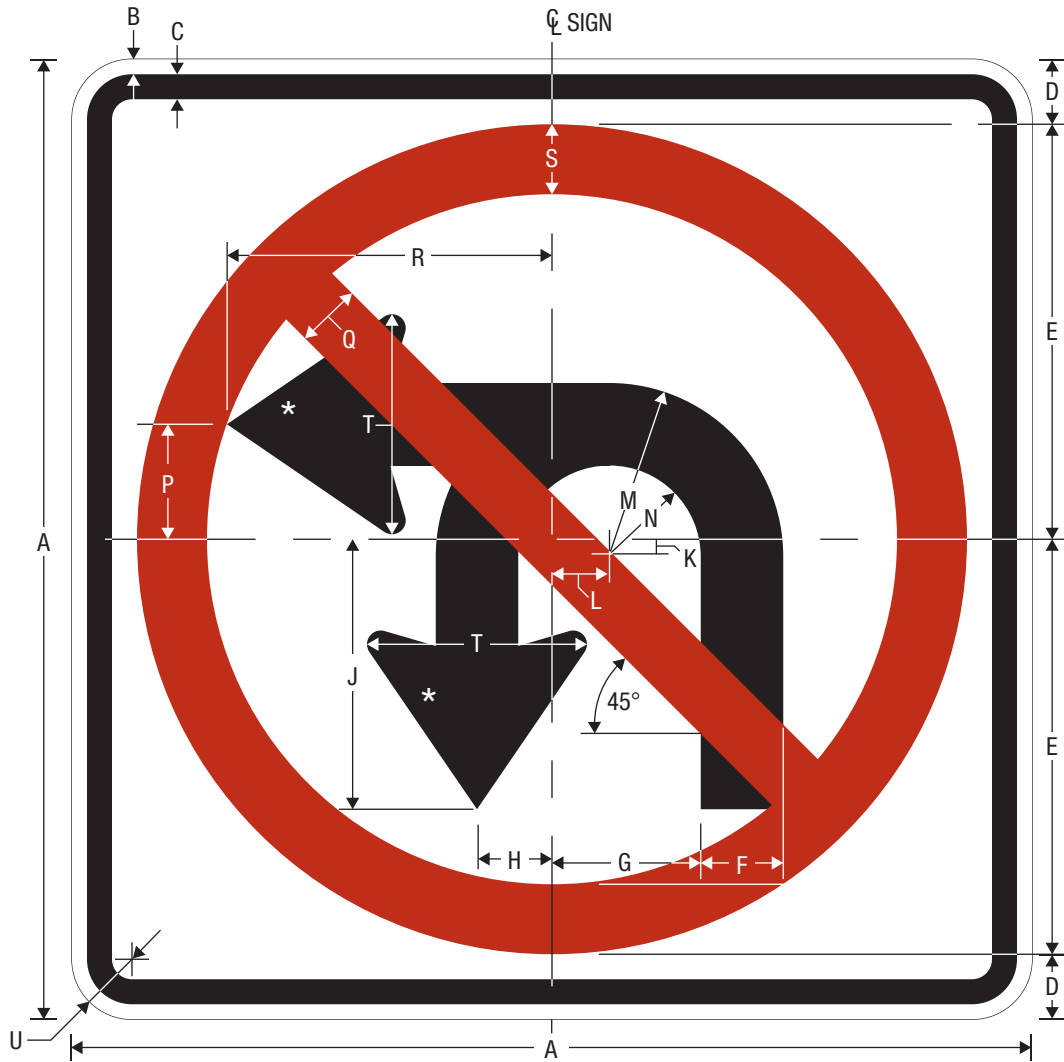
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-17bP
ENDS (PLAQUE)

A	B	C	D	E	F	G	H
24	9	0.375	0.625	2.5	4 D	6.445	1.5

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



R3-18

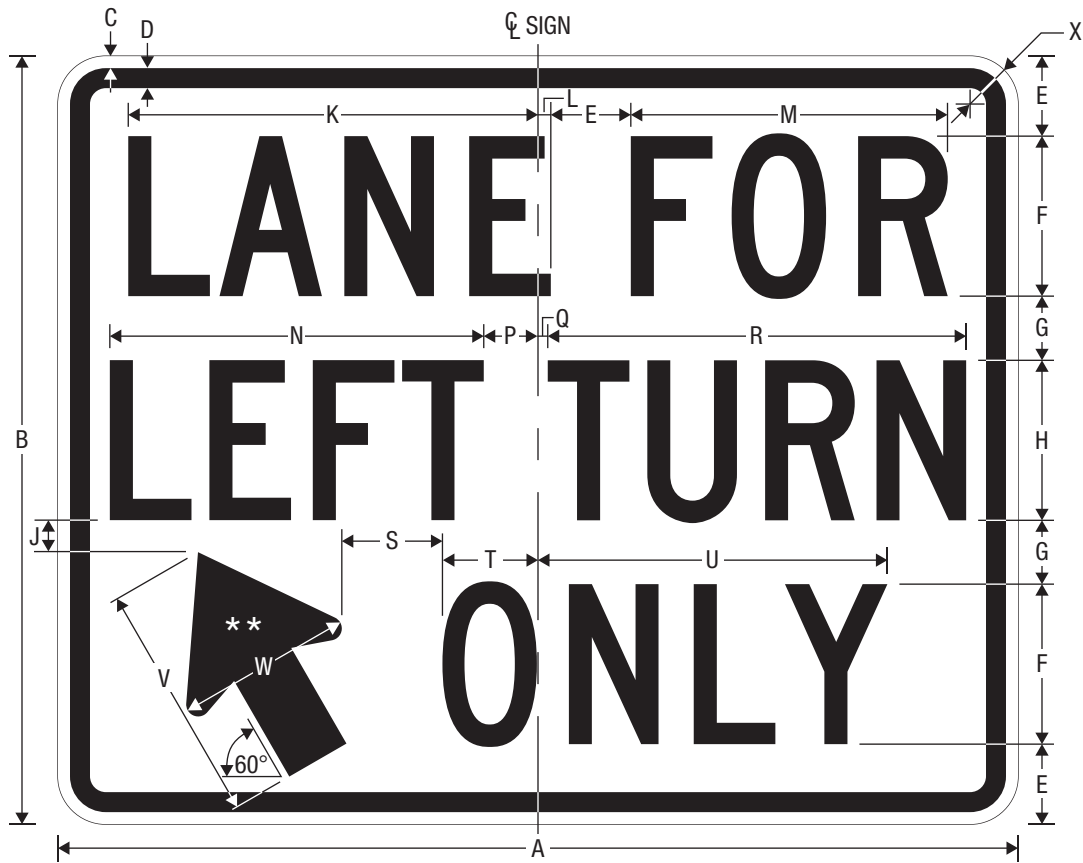
MOVEMENT PROHIBITION - NO U OR LEFT TURN

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
24	0.375	0.625	1.625	10.375	2.063	3.719	1.875	6.75	0.438
36	0.625	0.875	2.437	15.563	3.094	5.578	2.812	10.125	0.656
48	0.75	1.25	3.25	20.75	4.125	7.434	3.75	13.5	0.875

L	M	N	P	Q	R	S	T	U
1.438	4.344	2.281	2.875	1.625	8.125	1.75	5.25	1.5
2.156	6.516	3.422	4.312	2.438	12.188	2.625	8.25	2.25
2.875	8.688	4.562	5.75	3.25	16.25	3.5	11	3

COLORS: CIRCLE, DIAGONAL— RED (RETROREFLECTIVE)
ARROW, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-19
LANE FOR LEFT TURN ONLY

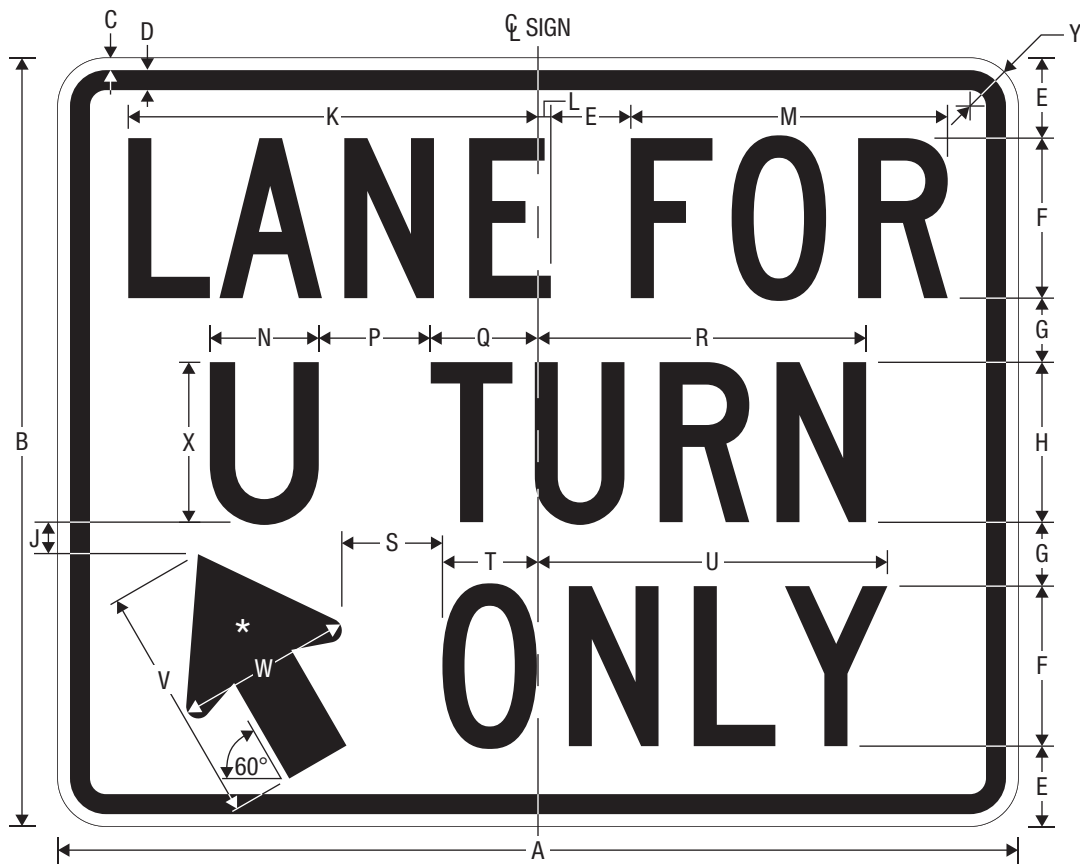
* Reduce Spacing 20%.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
30	24	0.375	0.625	2.5	5 C	2	5 C*	1	12.804	0.401

M	N	P	Q	R	S	T	U	V	W	X
9.904	11.685	1.695	0.305	13.075	3	2.986	10.919	7.5	5.5	1.5

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



R3-19a
LANE FOR U TURN ONLY

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
30	24	0.375	0.625	2.5	5 C	2	5 C	1	12.804	0.401	9.904

N	P	Q	R	S	T	U	V	W	X	Y
3.404	3.5	3.351	10.254	3	2.986	10.919	7.5	5.5	5 D	1.5

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



R3-19b

LANE FOR U AND LEFT TURNS ONLY

* Increase Spacing 5%.

** Reduce Spacing 20%.

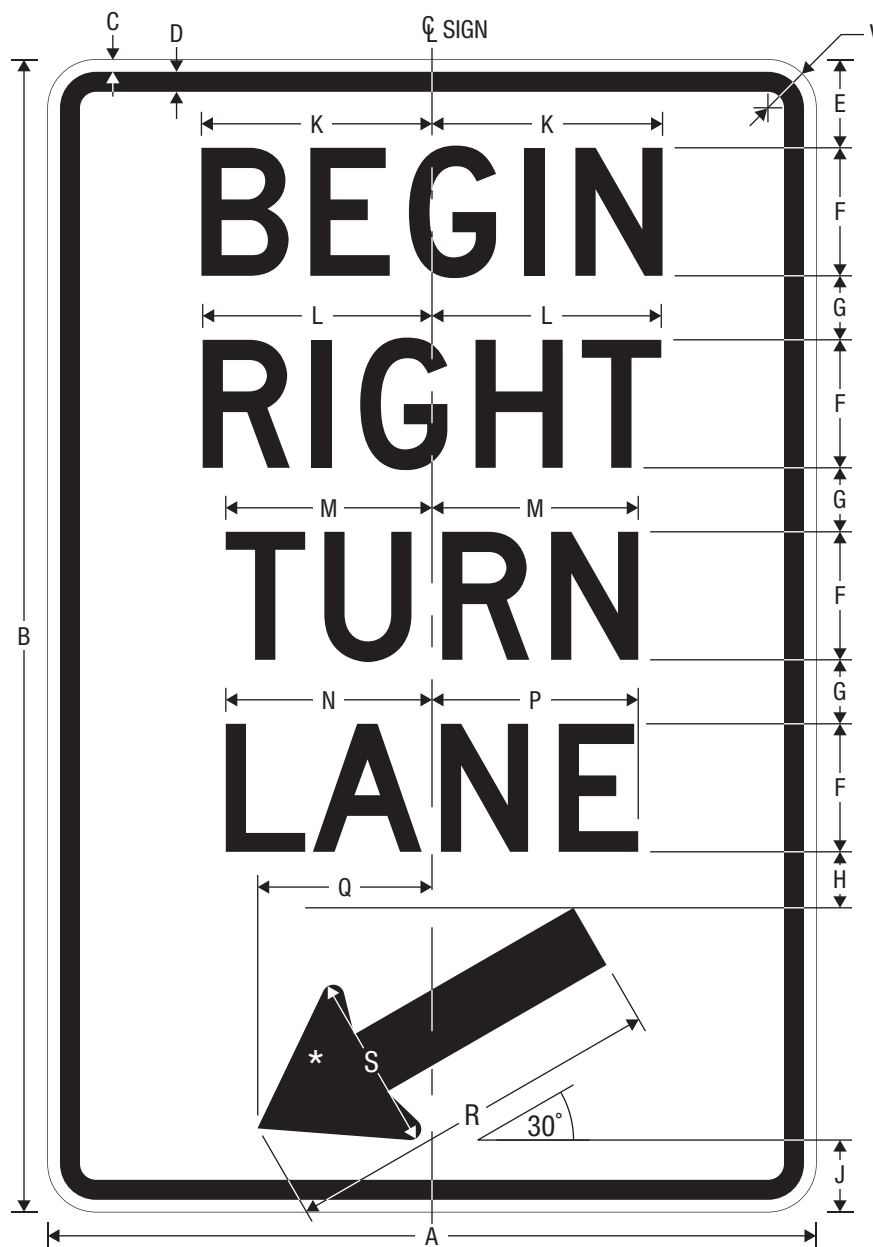
*** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
30	0.375	0.5	2.875	4.5 C	2	4.5 C*	4.5 C**	2.25

K	L	M	N	P	Q	R	S	T
1	4.5 D	11.885	3	8.913	3.063	3.5	1.531	8.093

U	V	W	X	Y	Z	AA	BB	CC
10.517	1.75	1.317	13.584	2.253	10.262	7.5	5.5	1.875

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



R3-20R

BEGIN RIGHT TURN LANE

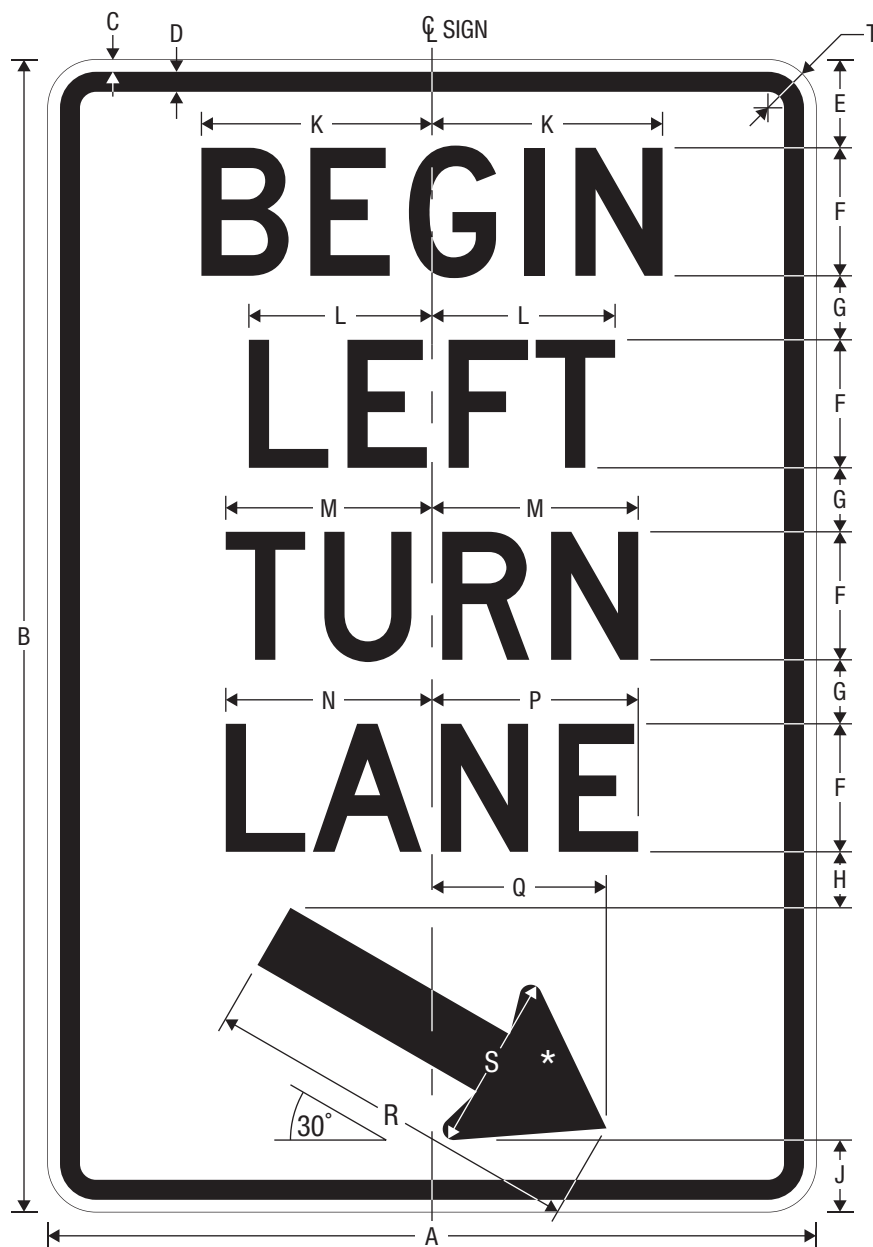
* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
24	36	0.375	0.625	2.75	4 D	2	1.75	2.242

K	L	M	N	P	Q	R	S	T
7.205	7.165	6.445	6.444	6.443	5.454	12	5.5	1.5

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

2-122-1



R3-20L

BEGIN LEFT TURN LANE

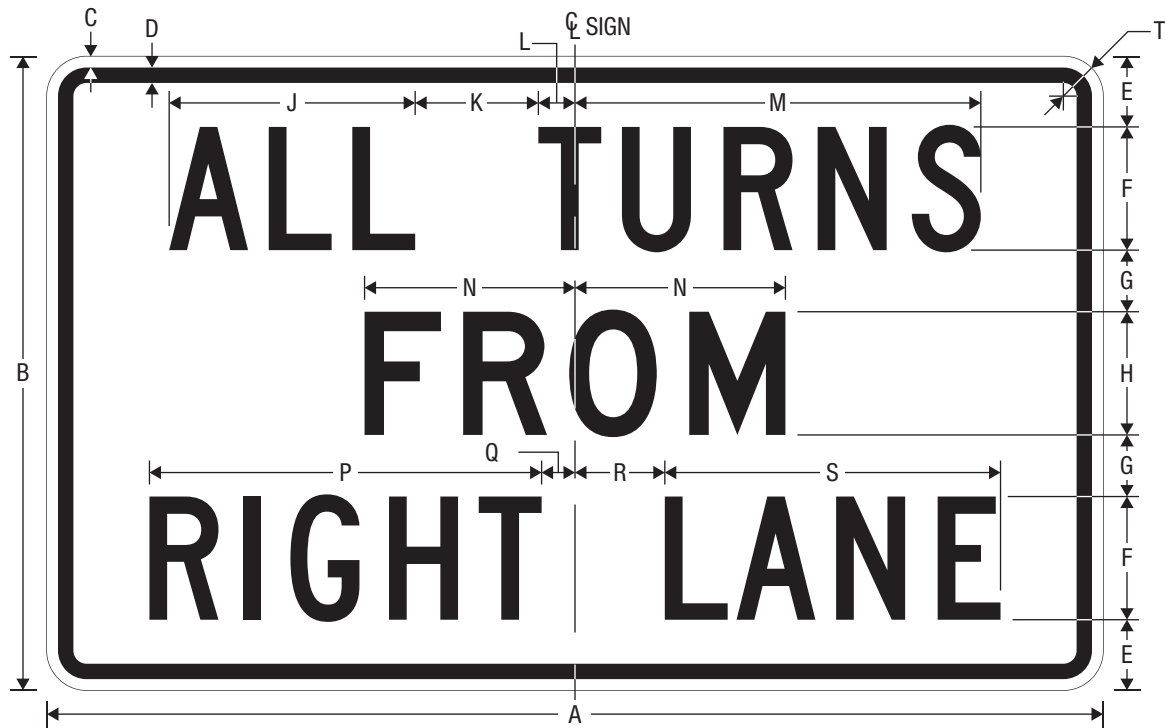
★ See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
24	36	0.375	0.625	2.75	4 D	2	1.75	2.242

K	L	M	N	P	Q	R	S	T
7.205	5.722	6.445	6.444	6.443	5.454	12	5.5	1.5

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

2-122-2



R3-23

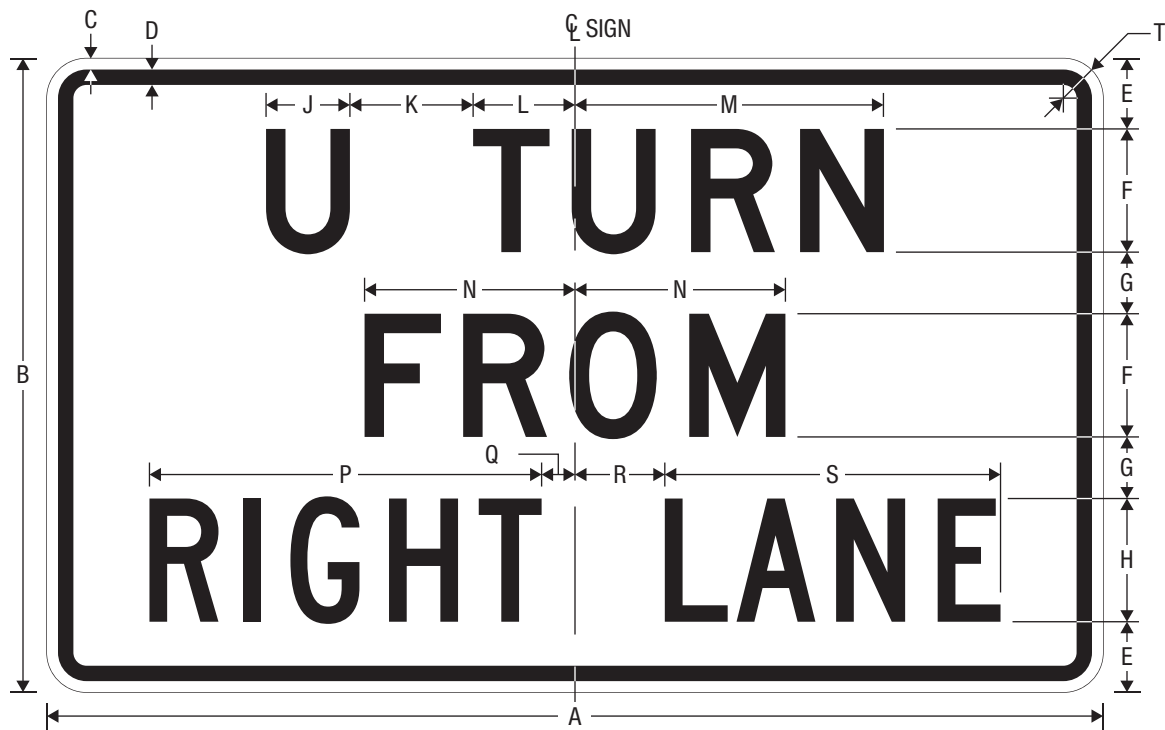
ALL TURNS FROM RIGHT LANE

★ Increase Spacing 20%.

A	B	C	D	E	F	G	H	J
60	36	0.625	0.875	4	7 C*	3.5	7 D*	13.977

K	L	M	N	P	Q	R	S	T
7	2.081	23.058	11.956	22.281	1.897	5.103	19.075	2.25

COLORS: LEGEND, BORDER – BLACK
BACKGROUND – WHITE (RETROREFLECTIVE)



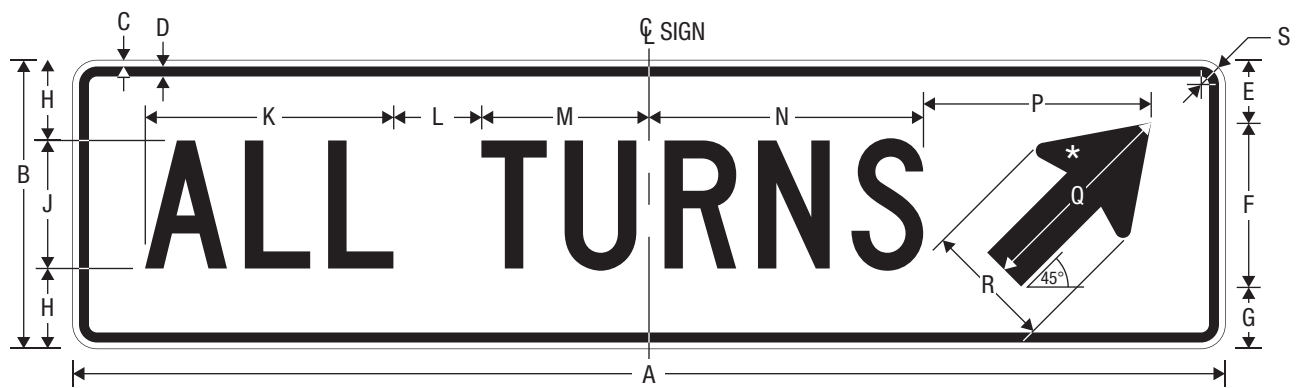
R3-23a
U TURN FROM RIGHT LANE

★ Increase Spacing 20%.

A	B	C	D	E	F	G	H	J
60	36	0.625	0.875	4	7 D*	3.5	7 C*	4.765

K	L	M	N	P	Q	R	S	T
7	5.789	17.553	11.956	22.281	1.897	5.103	19.075	2.25

COLORS: LEGEND, BORDER – BLACK
BACKGROUND – WHITE (RETROREFLECTIVE)



R3-24

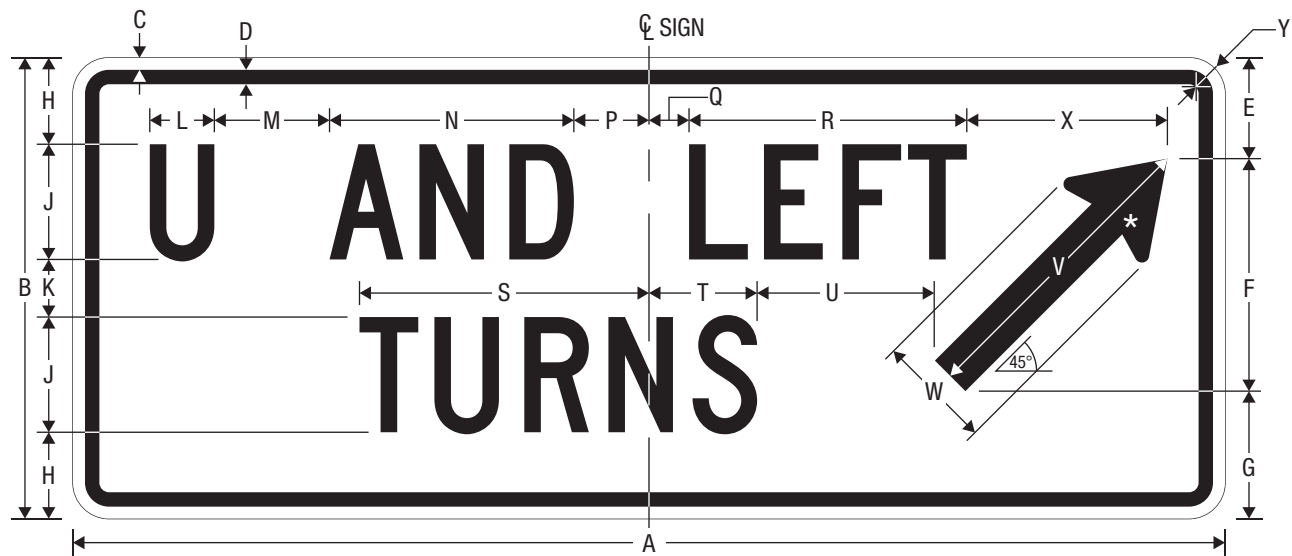
ALL TURNS DIRECTIONAL (OBLIQUE)

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
72	18	0.375	0.625	3.874	10.253	3.873	5	8 C

K	L	M	N	P	Q	R	S
15.526	5.5	10.474	17.136	14.253	13	8	1.5

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



R3-24a

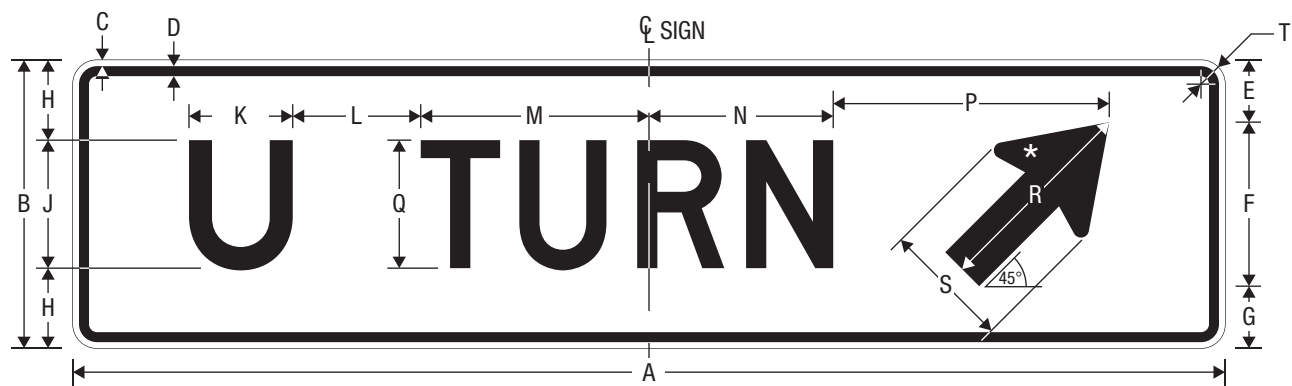
U AND LEFT TURNS DIRECTIONAL (OBLIQUE)

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
60	24	0.625	0.75	5.25	13.523	5.227	4.5	6 C	3	3.362	6

N	P	Q	R	S	T	U	V	W	X	Y
12.725	3.914	2.086	14.466	15.078	5.630	7.846	16	6	10.447	1.875

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



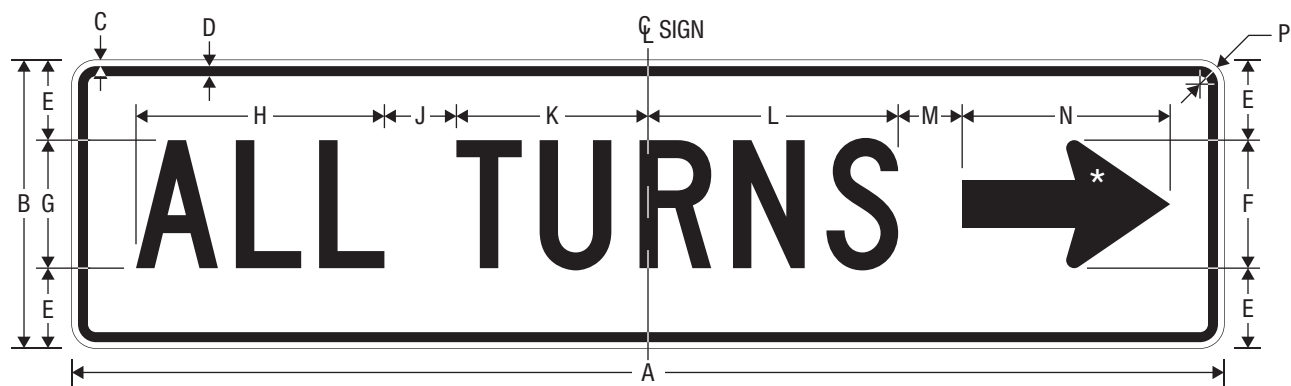
R3-24b
U TURN DIRECTIONAL (OBLIQUE)

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
72	18	0.375	0.625	3.874	10.253	3.873	5	8 E

K	L	M	N	P	Q	R	S	T
6.484	8	14.266	11.514	7	8 D	13	8	1.5

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

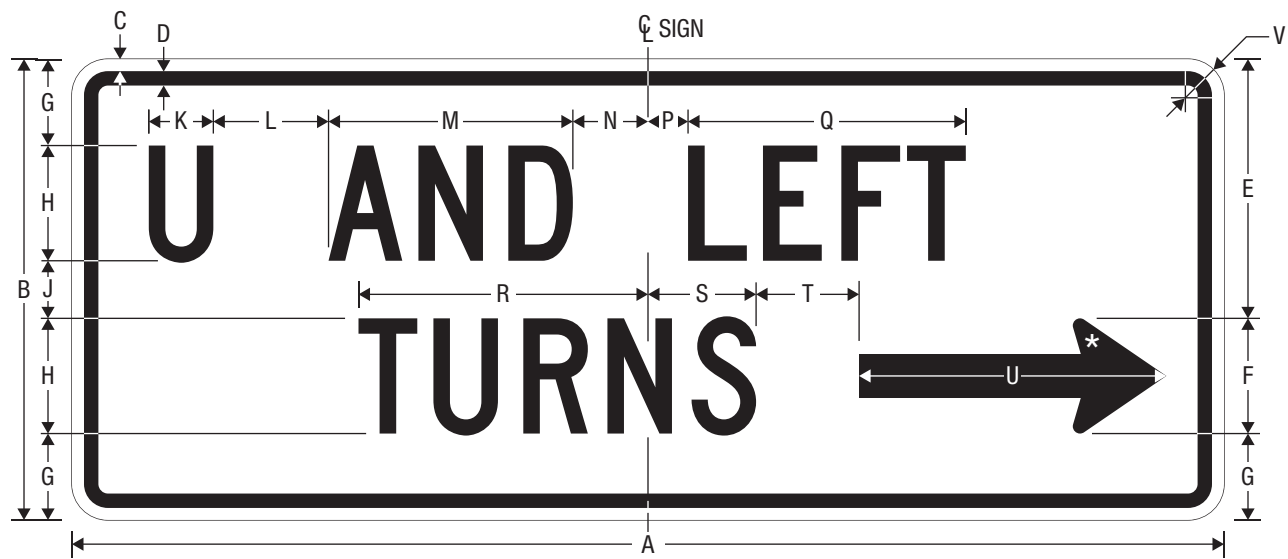


R3-25
ALL TURNS DIRECTIONAL

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
72	18	0.375	0.625	5	8	8 C	15.526	4.5	11.974	15.636	4	13	1.5

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



R3-25a

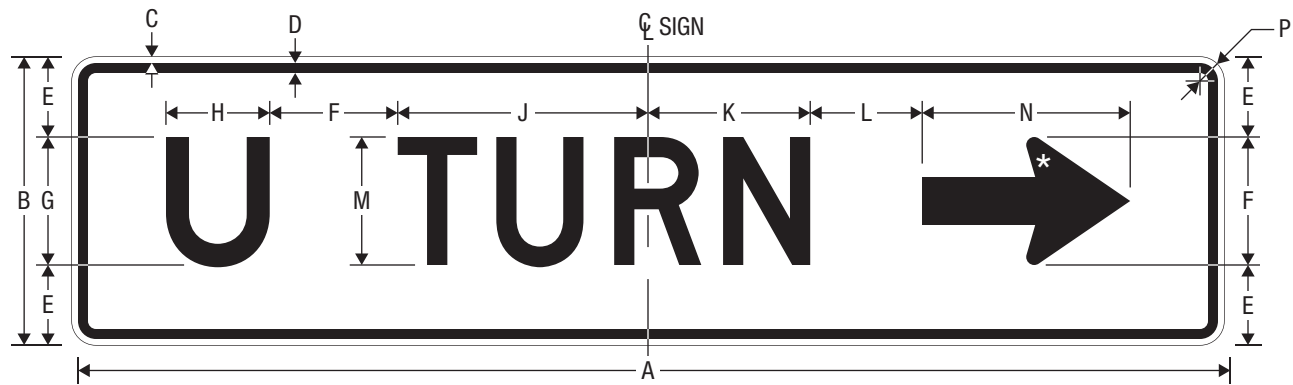
U AND LEFT TURNS DIRECTIONAL

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
60	24	0.625	0.75	13.5	6	4.5	6 C	3	3.362

L	M	N	P	Q	R	S	T	U	V
6	12.725	3.913	2.087	14.466	15.078	5.630	5.370	16	1.875

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

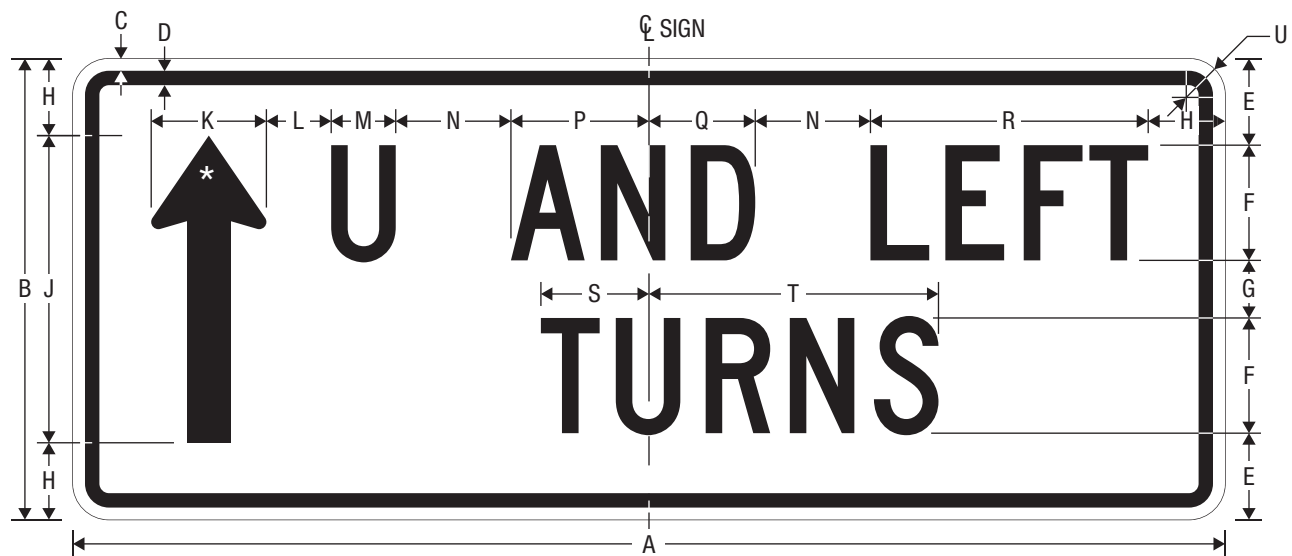


R3-25b
U TURN DIRECTIONAL

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
72	18	0.375	0.625	5	8	8 E	6.484	15.641	10.139	7	8 D	13	1.5

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



R3-26

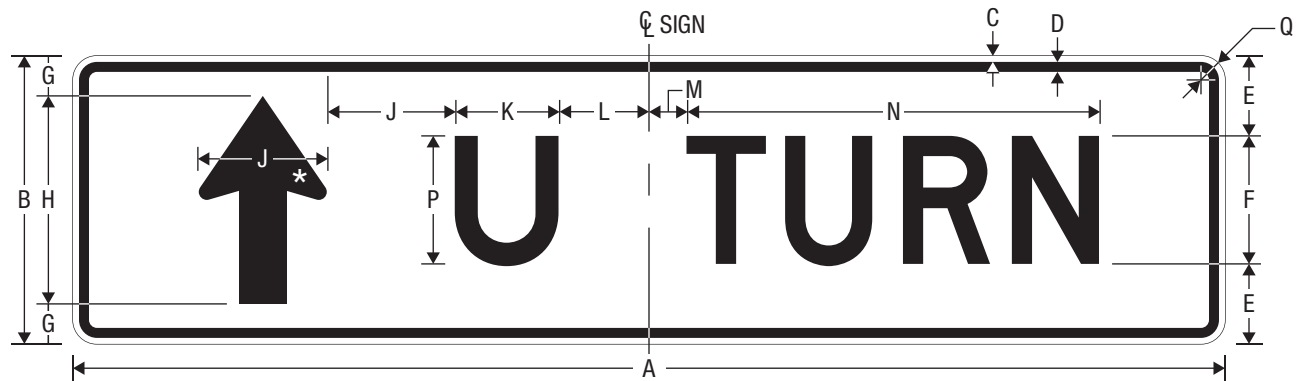
U AND LEFT TURNS DIRECTIONAL (THROUGH)

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
60	24	0.625	0.75	4.5	6 C	3	4	16	6

L	M	N	P	Q	R	S	T	U
3.375	3.362	6	7.191	5.534	14.466	5.630	15.078	1.875

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



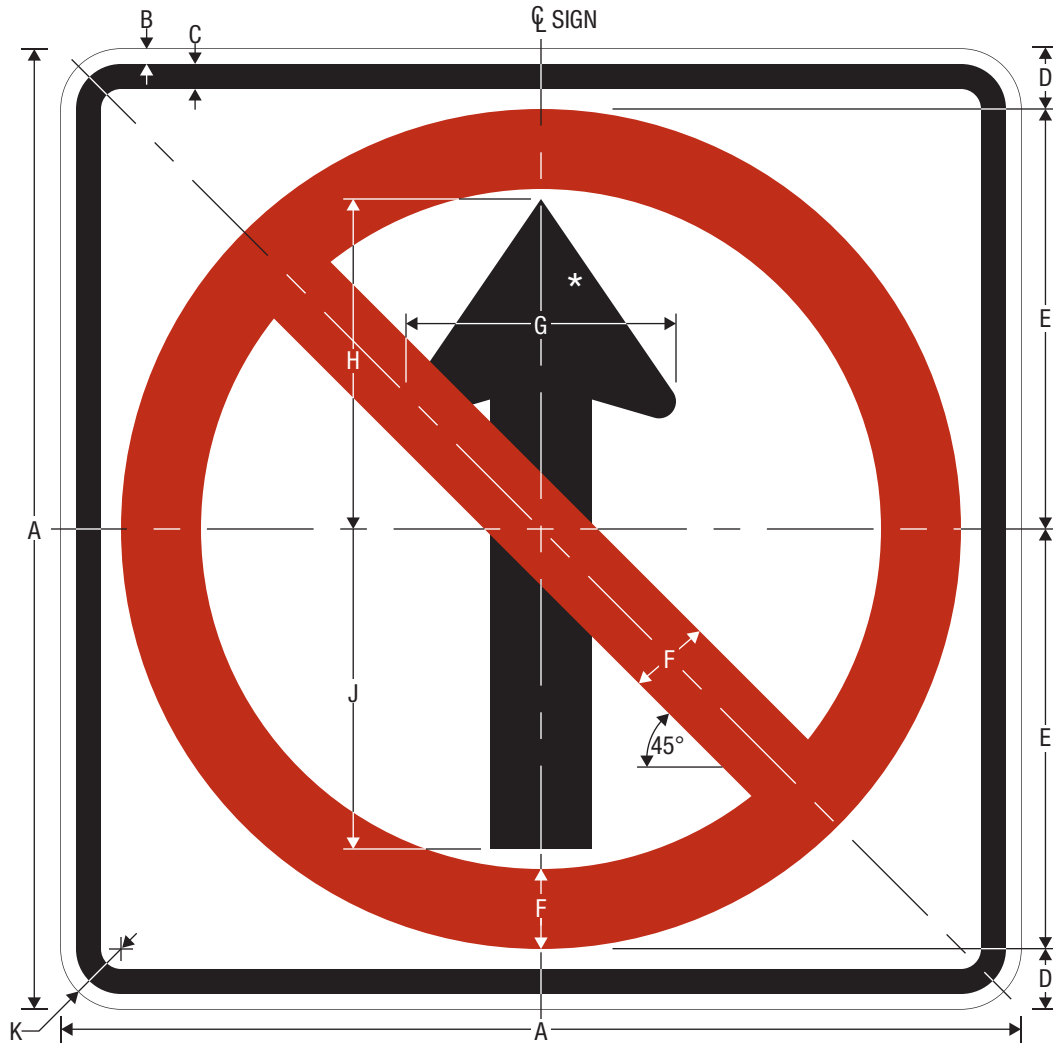
R3-26a
U TURN DIRECTIONAL (THROUGH)

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H
72	18	0.375	0.625	5	8 D	2.5	13

J	K	L	M	N	P	Q
8	6.484	5.655	2.345	25.780	8 E	1.5

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



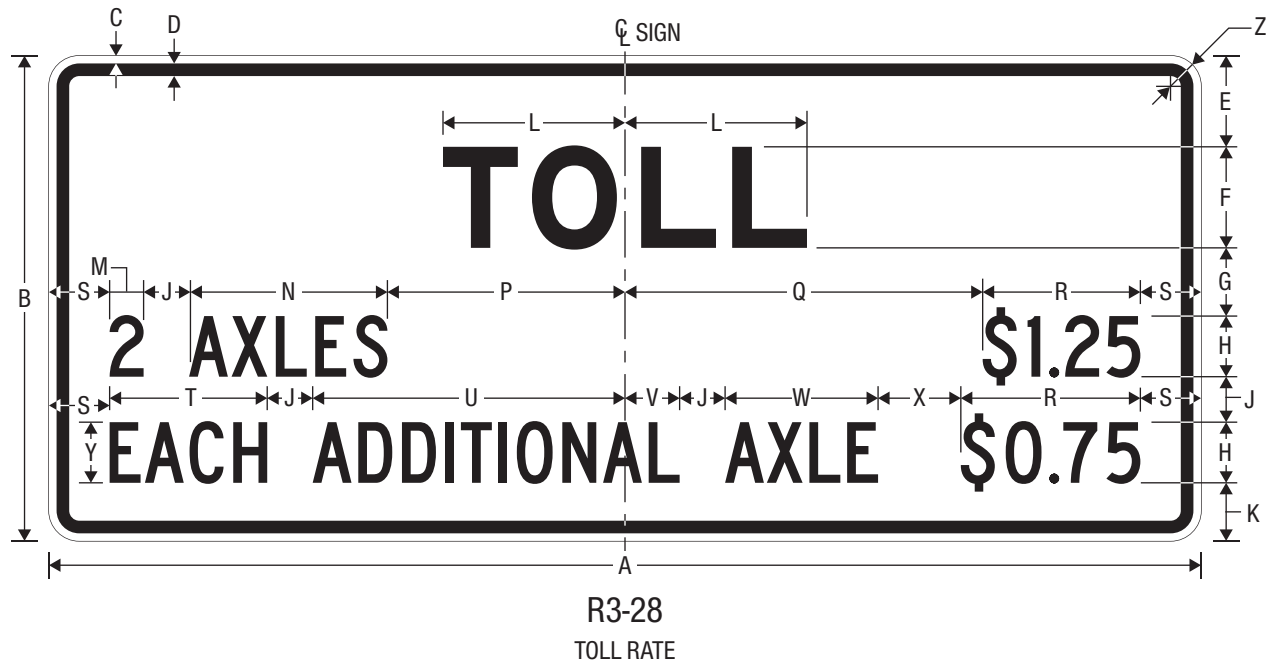
R3-27

MOVEMENT PROHIBITION - NO STRAIGHT THROUGH

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
24	0.375	0.625	1.5	10.5	2	6.75	8.25	8	1.5
36	0.625	0.875	2.25	15.75	3	10.125	12.375	12.125	2.25
48	0.75	1.25	3	21	4	13.5	16.5	16.25	3

COLORS: CIRCLE, DIAGONAL — RED (RETROREFLECTIVE)
 ARROW, BORDER — BLACK
 BACKGROUND — WHITE (RETROREFLECTIVE)

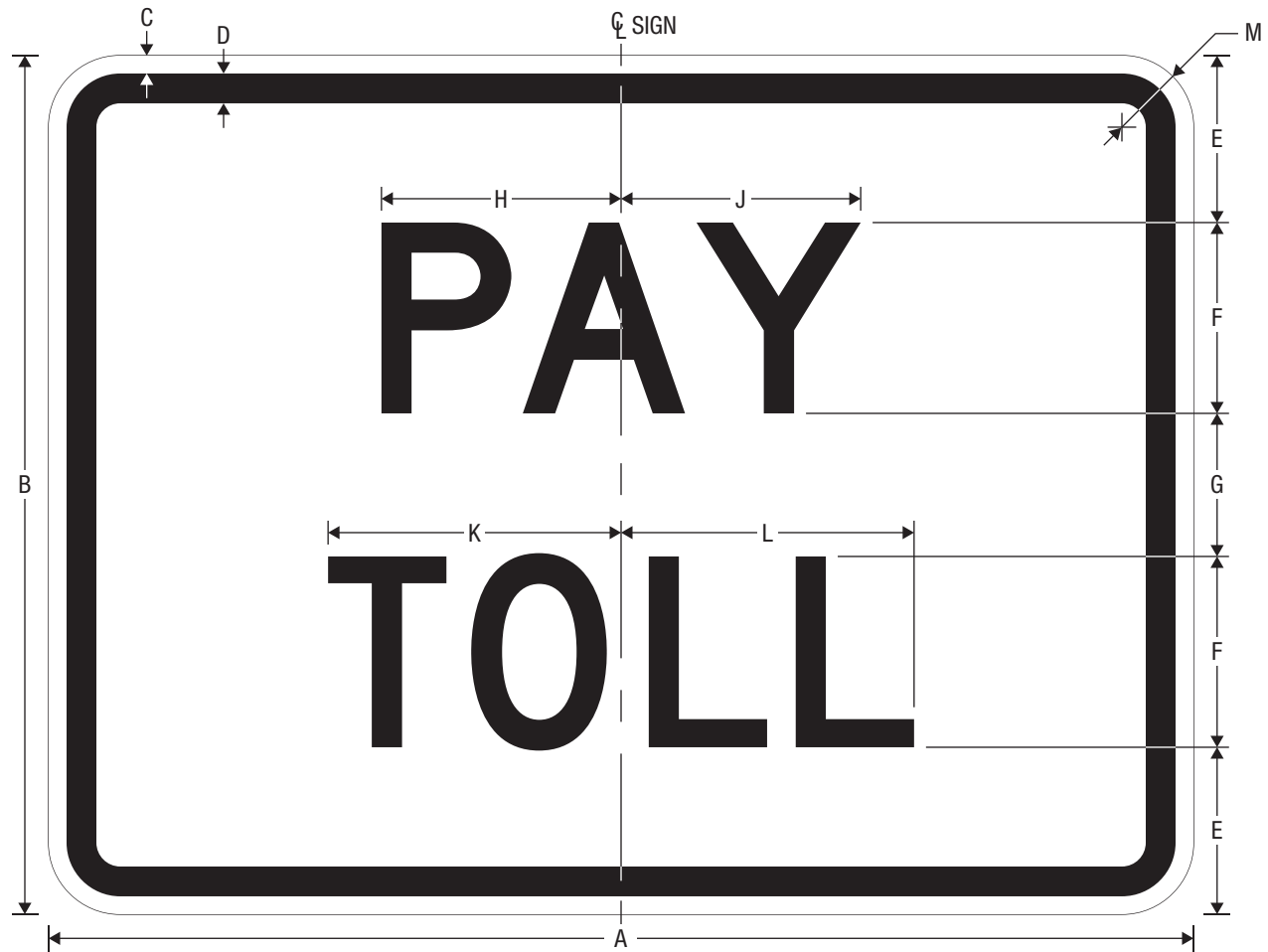


★ Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M
114	48	0.75	1.25	9	10 E(m)	6.75	6 C	4.5	5.75	18.010	3.362

N	P	Q	R	S	T	U	V	W	X	Y	Z
19.628	23.511	VAR	VAR	6	15.594	30.906	5.406	15.138	6 MIN	6 C*	3

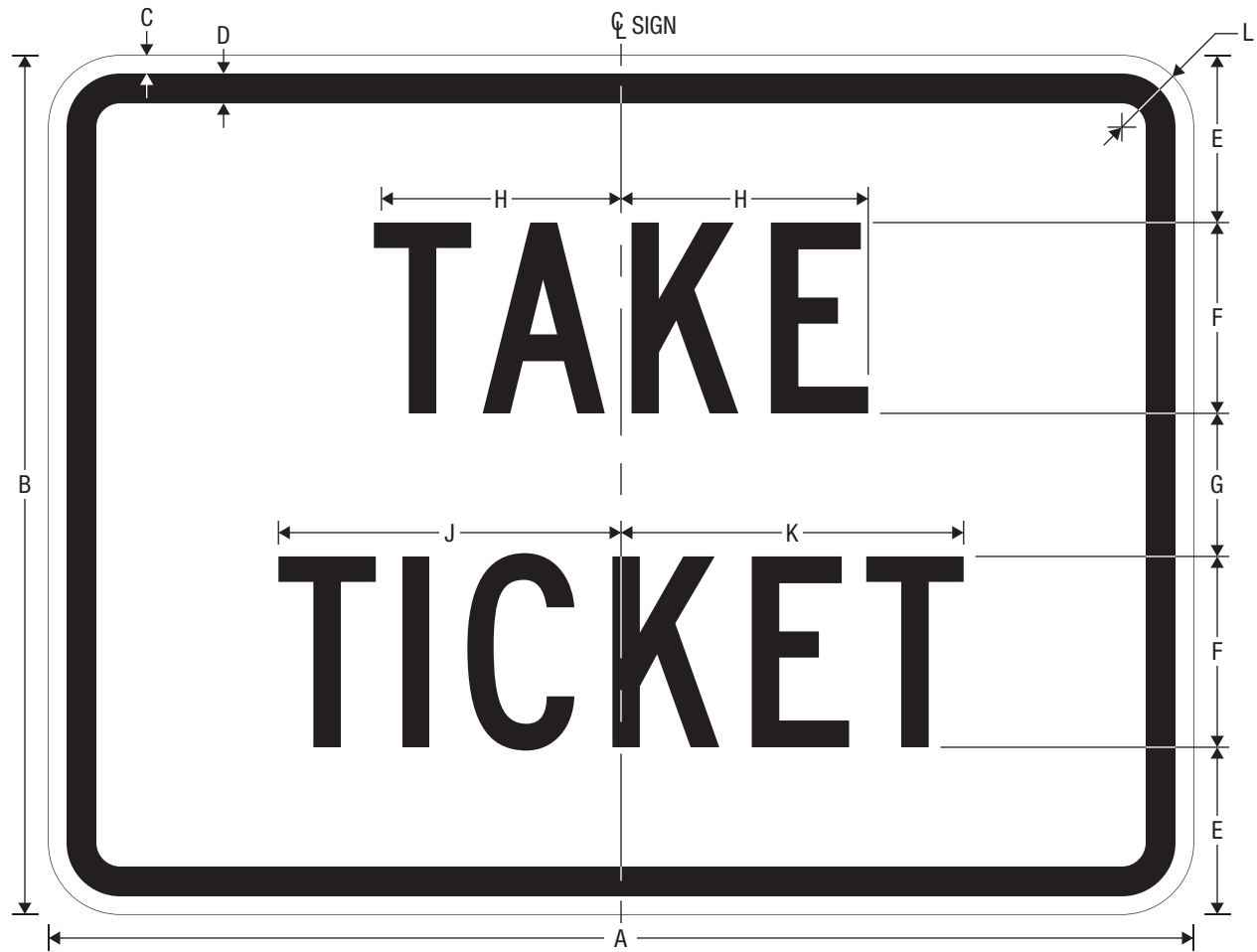
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-29P
PAY TOLL (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M
24	18	0.375	0.625	3.5	4 D	3	5.024	5.023	6.143	6.142	1.5

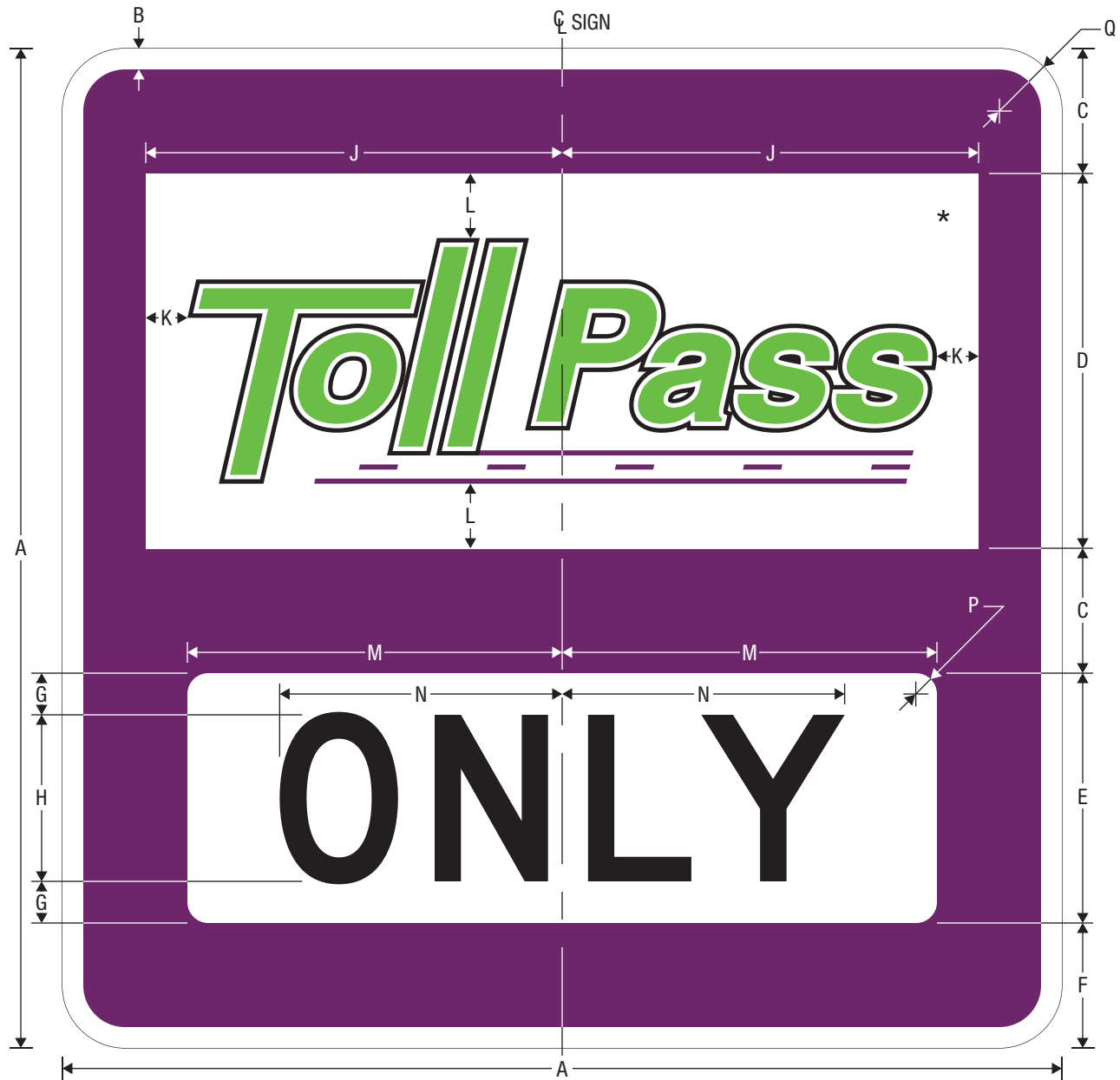
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-30P
TAKE TICKET (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L
24	18	0.375	0.625	3.5	4 C	3	5.182	7.183	7.182	1.5

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



R3-31
ETC ACCOUNT-ONLY

* Pictograph shown is an example.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
24	0.5	3 MIN	9 MAX	6	3	1	4 D	10 MAX	1 MIN	1 MIN	9	6.784	0.5	1.5
36	0.75	4 MIN	15 MAX	9	4	1.5	6 D	15 MAX	2 MIN	2 MIN	13.5	10.176	0.5	2.25

COLORS:
BORDER

— WHITE
(RETROREFLECTIVE)

BACKGROUND — PURPLE

(RETROREFLECTIVE)

ONLY PANEL:

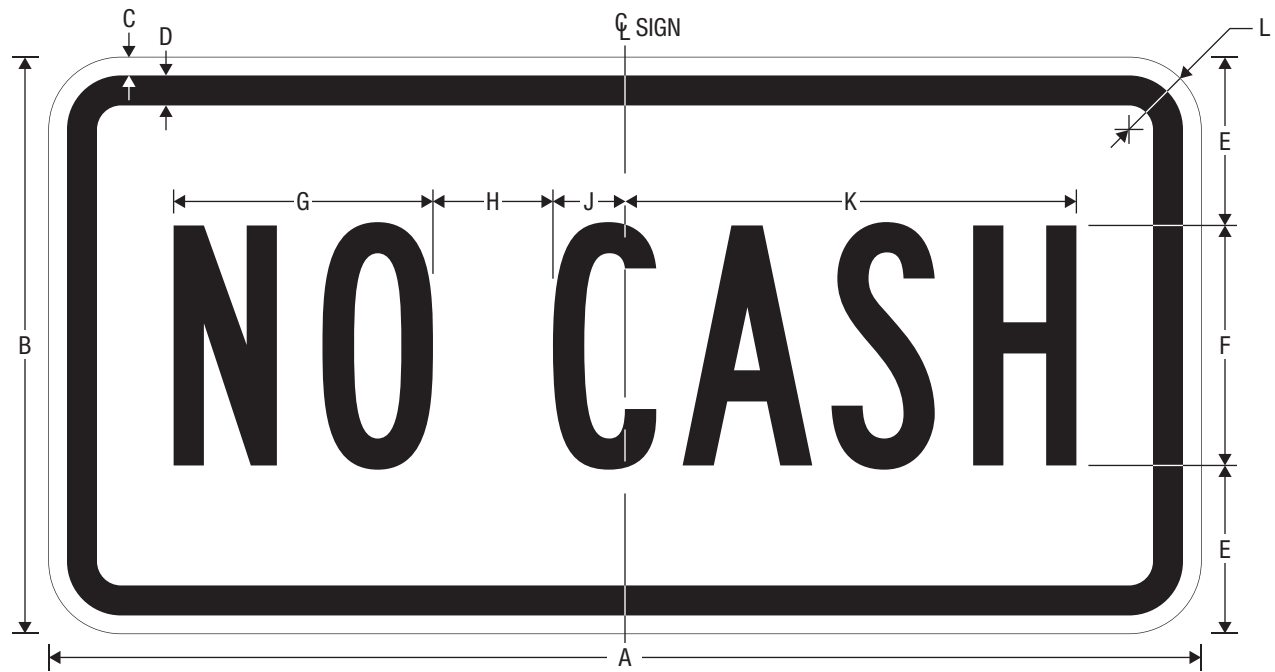
LEGEND — BLACK

BACKGROUND — WHITE (RETROREFLECTIVE)
NO BORDER

PICTOGRAPH — VARIES

(RETROREFLECTIVE)

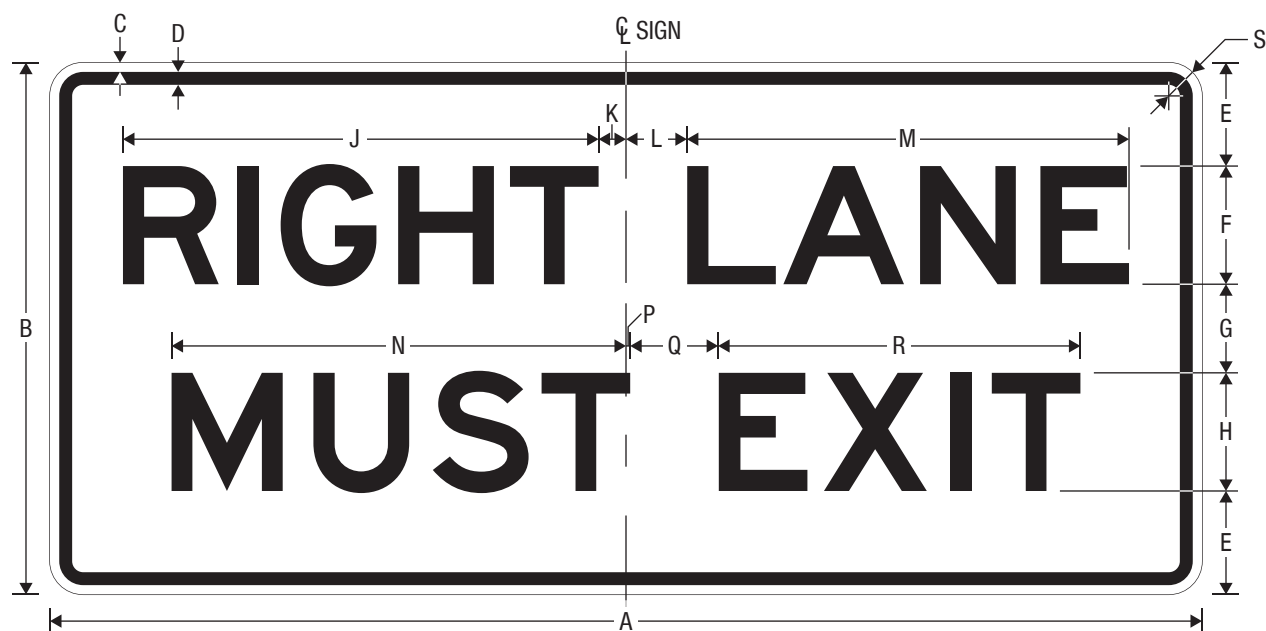
(SEE MUTCD FOR LEGEND AND
UNDERLAY COLORS)



R3-32P
NO CASH (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L
24	12	0.375	0.625	3.5	5 B	5.403	2.5	1.501	9.404	1.5
36	18	0.375	0.625	5	8 B	8.644	3.25	2.777	14.671	1.5

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



R3-33R

RIGHT LANE MUST EXIT

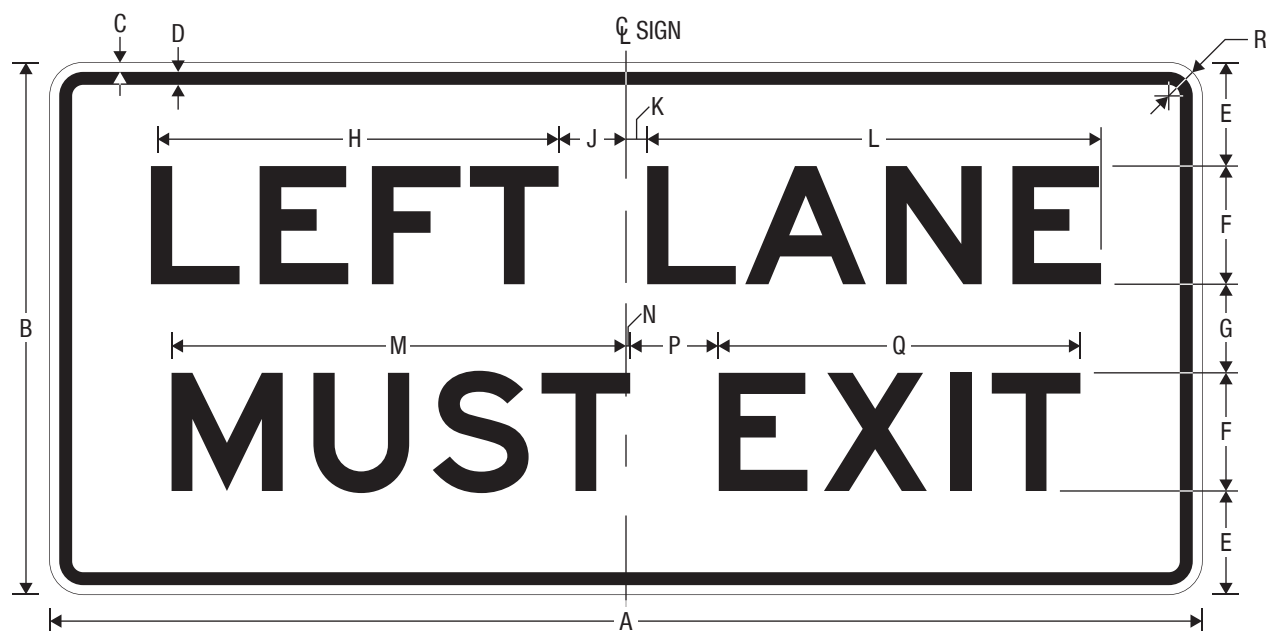
* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J
78	36	0.625	0.875	7	8 E*	6	8 E	32.204

K	L	M	N	P	Q	R	S
1.855	4.145	29.914	30.768	0.284	6	24.484	2.25

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

2-139-1



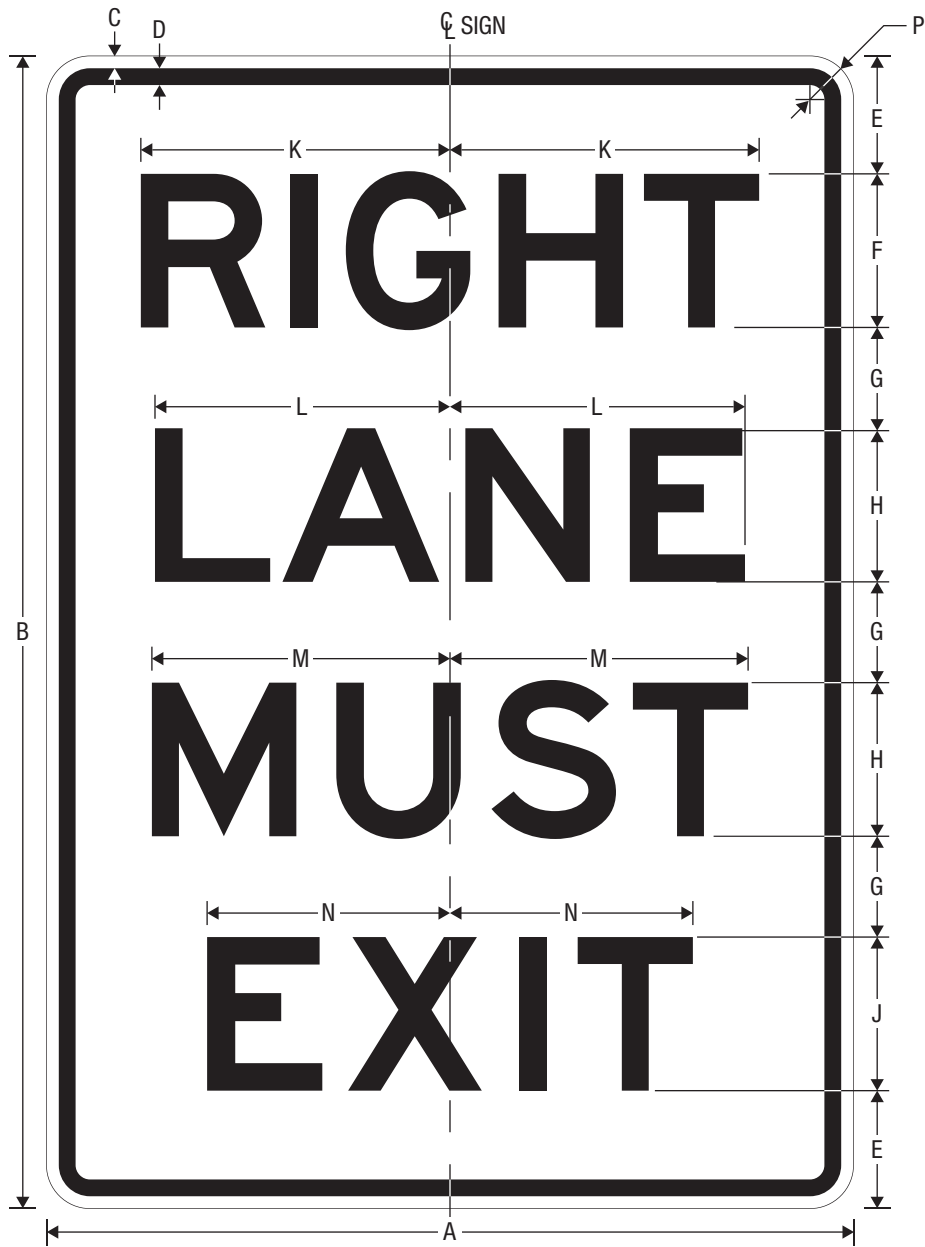
R3-33L

LEFT LANE MUST EXIT

A	B	C	D	E	F	G	H
78	36	0.625	0.875	7	8 E	6	27.600
J	K	L	M	N	P	Q	R
4.565	1.435	30.730	30.768	0.284	6	24.484	2.25

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

2-139-2



R3-33aR

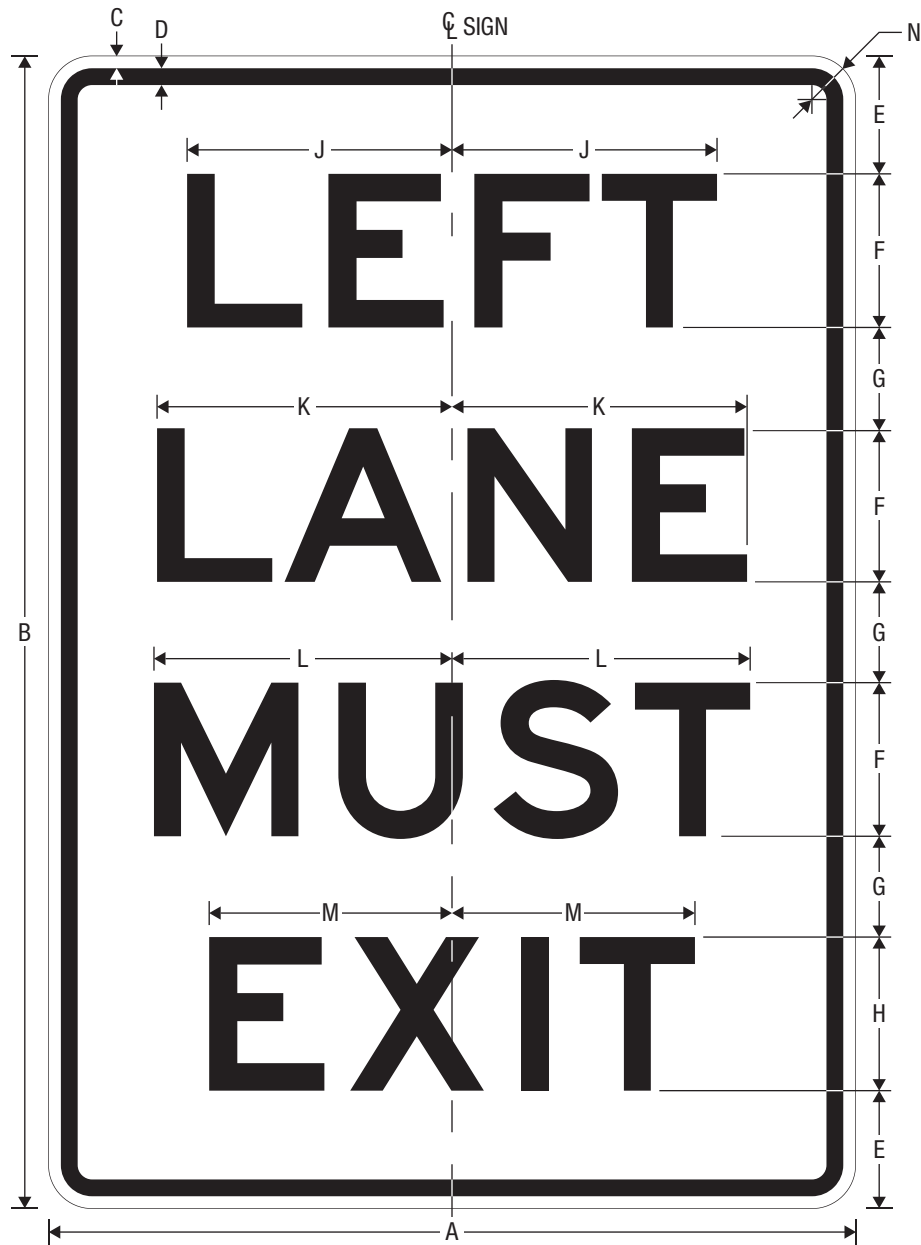
RIGHT LANE MUST EXIT

* Decrease Spacing 20%.

** Increase Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
42	60	0.625	0.875	6.125	8 E*	5.25	8 E	8 E**	16.102	15.365	15.526	12.650	2.25

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

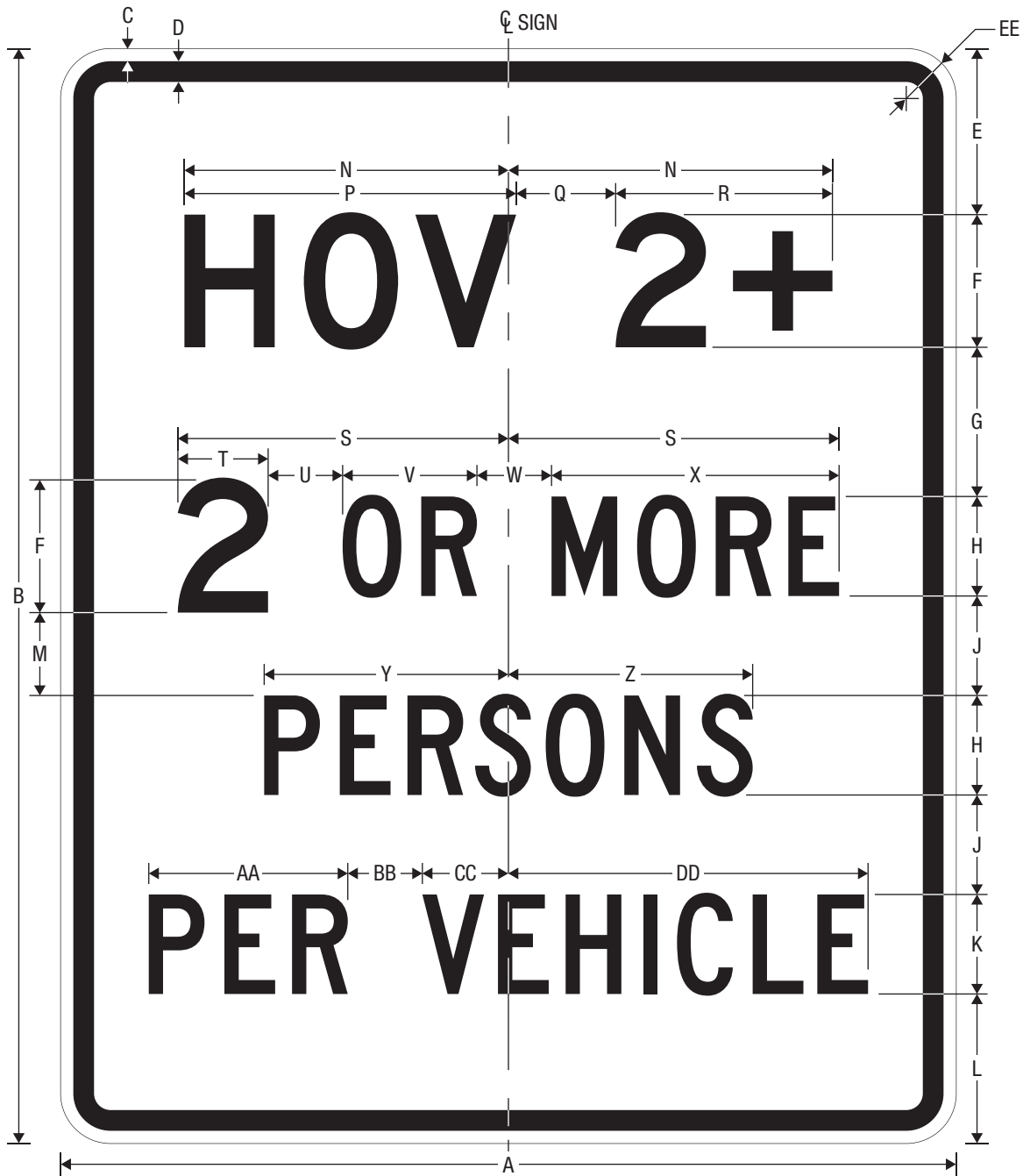


R3-33aL
LEFT LANE MUST EXIT

* Increase Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N
42	60	0.625	0.875	6.125	8 E	5.25	8 E*	13.800	15.365	15.526	12.650	2.25

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



R3-40

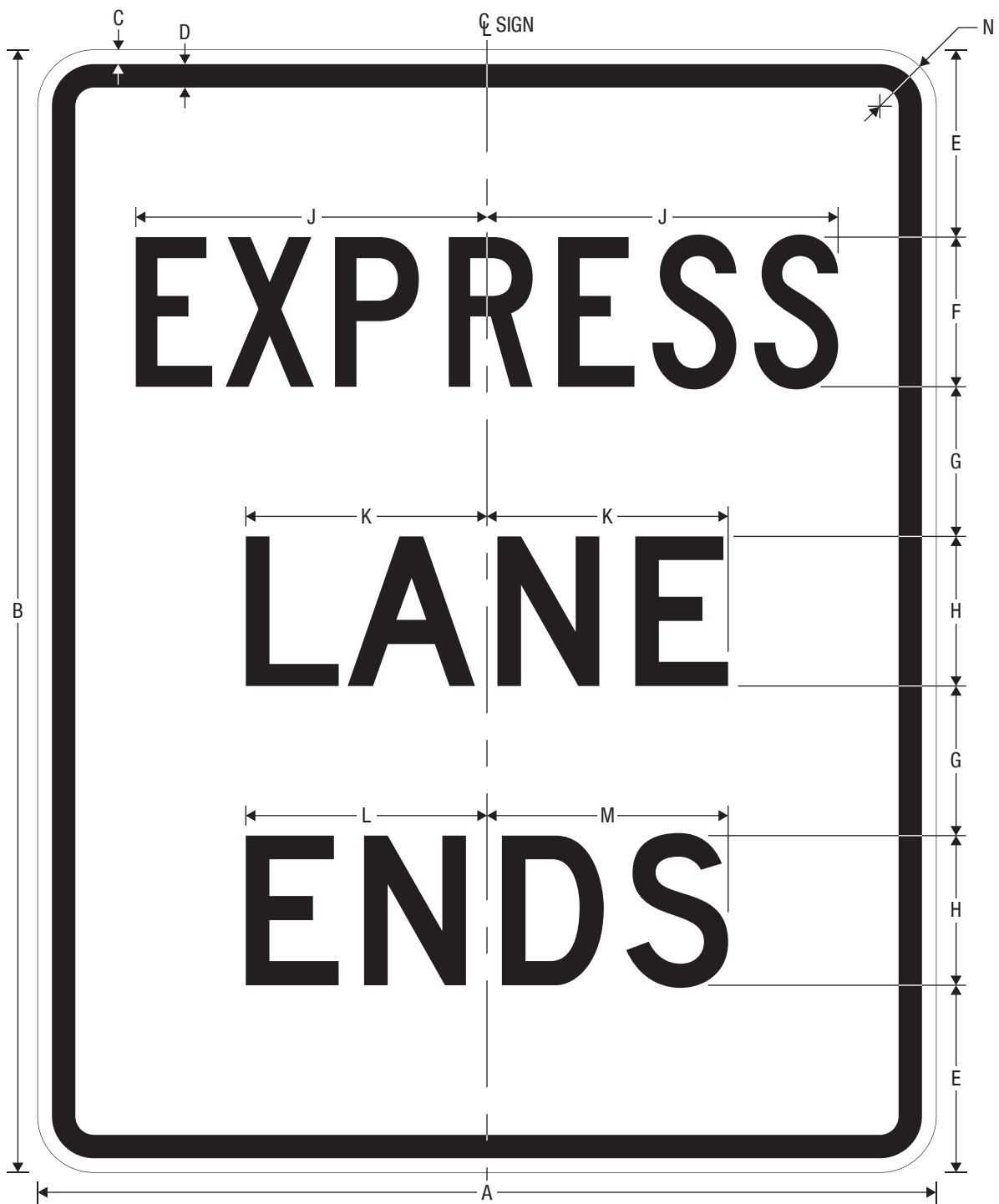
PRICED MANAGED LANE VEHICLE OCCUPANCY DEFINITION (POST-MOUNTED)

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
54	66	0.75	1.25	10	8 D	9	6 C	6	6 C	9	5	VAR	20.014	6
66	78	0.75	1.25	10	10 D	11	8 C	7.5	8 C*	8	6.5	VAR	25.018	7.5

R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE
VAR	VAR	VAR	4.5	8.103	4.5	17.348	14.736	14.735	12.005	4.5	5.192	21.697	3
VAR	VAR	VAR	5.5	10.804	6	23.130	19.647	19.647	15.414	4	7.363	26.777	3

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

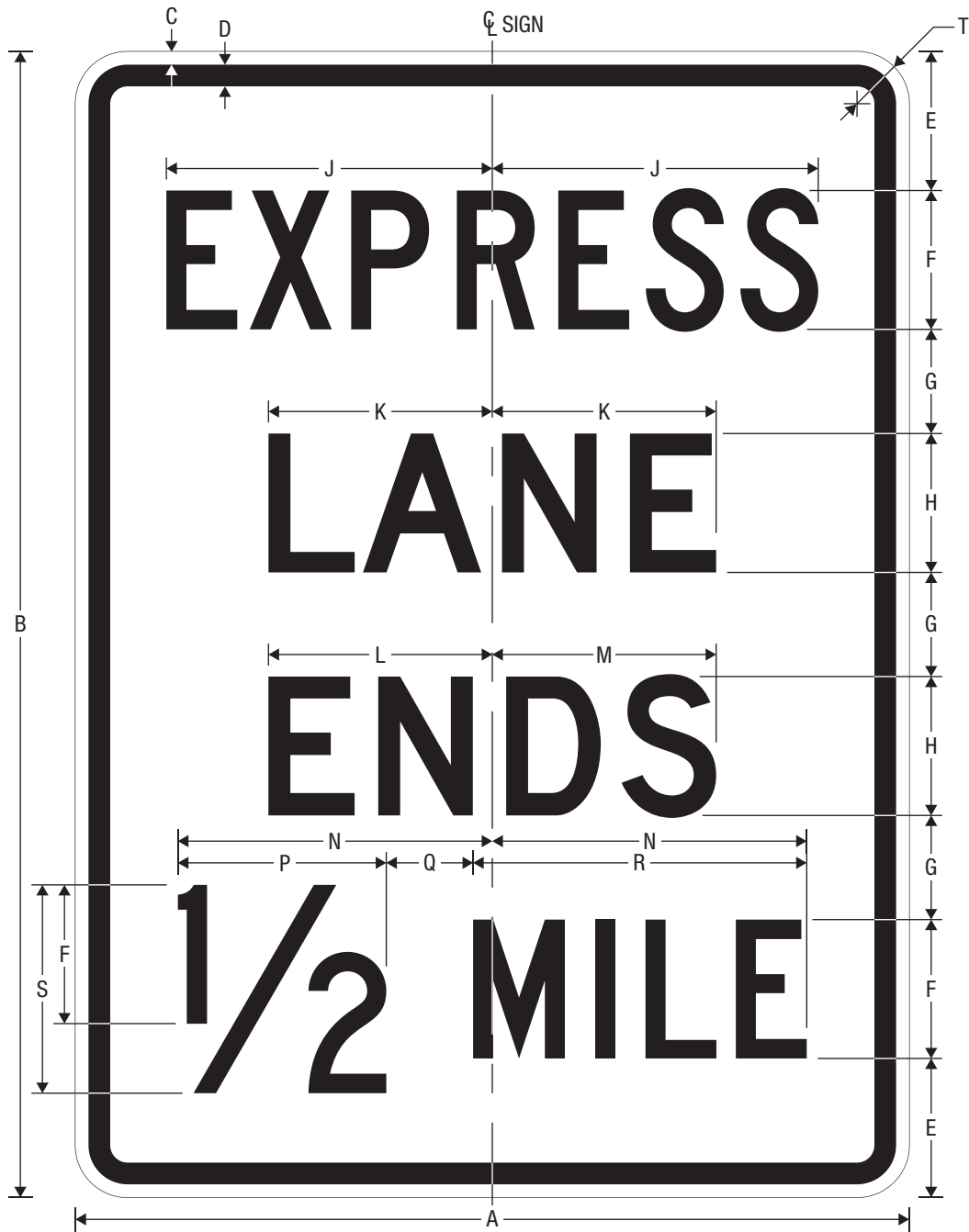


R3-42

PRICED MANAGED LANE ENDS (POST-MOUNTED)

A	B	C	D	E	F	G	H	J	K	L	M	N
48	60	0.75	1.25	10	8 C	8	8 D	18.767	12.887	12.890	12.890	3
60	78	0.75	1.25	14	10 C	10	10 D	23.459	16.109	16.113	16.112	3

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



R3-42a

PRICED MANAGED LANE ENDS ADVANCE (POST-MOUNTED)

A	B	C	D	E	F	G	H	J
48	66	0.75	1.25	8	8 C	6	8 D	18.767
60	84	0.75	1.25	10	10 C	8	10 D	23.459

K	L	M	N	P	Q	R	S	T
12.887	12.890	12.890	VAR	VAR	5	VAR	12	3
16.109	16.113	16.112	VAR	VAR	6.25	VAR	15	3

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



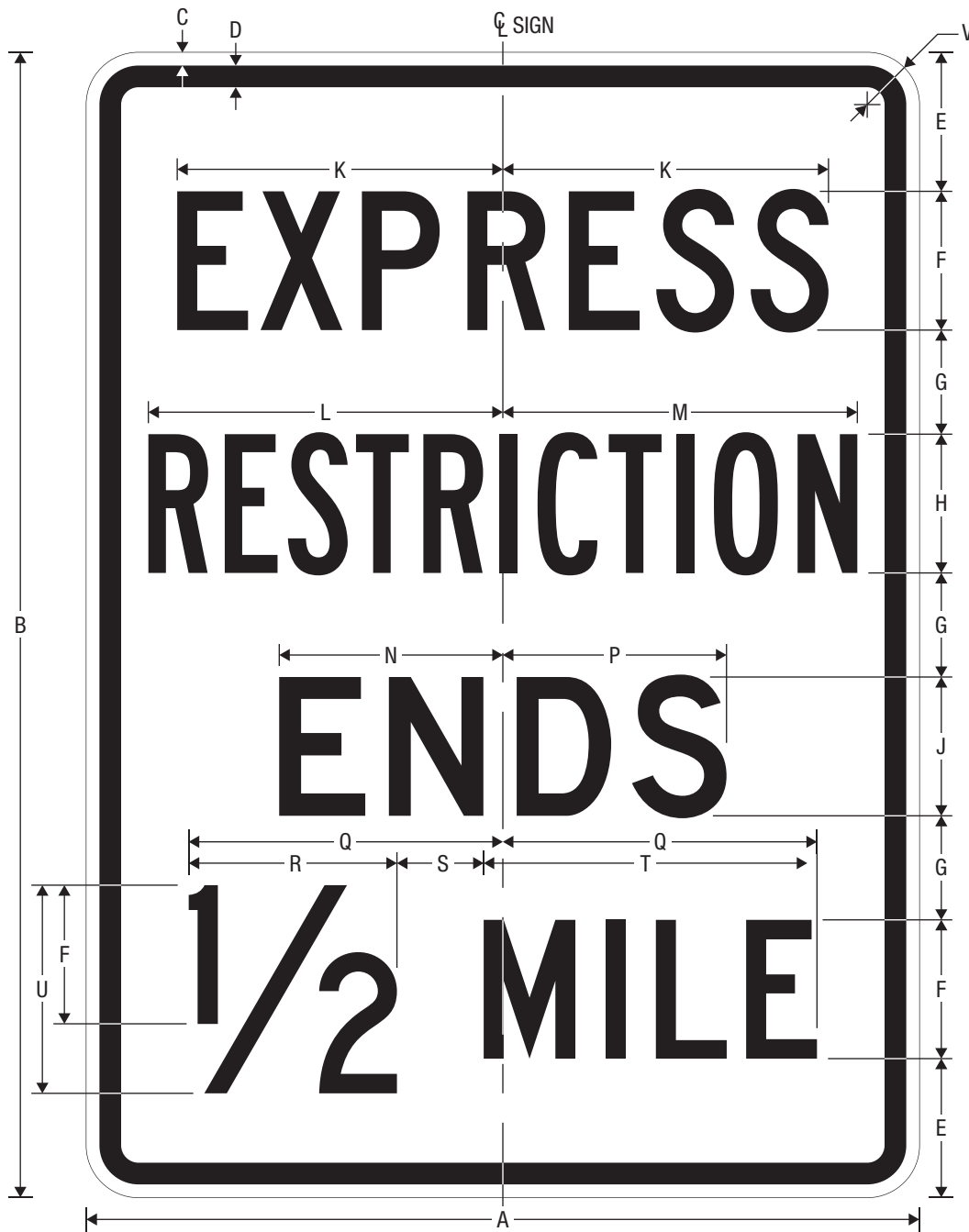
R3-42b

PRICED MANAGED LANE RESTRICTION ENDS (POST-MOUNTED)

* Reduce Spacing 25%.

A	B	C	D	E	F	G	H	J	K	L	M	N
48	60	0.75	1.25	10	8 C	8	8 B*	18.767	20.429	20.429	10.924	3
60	78	0.75	1.25	14	10 C	10	10 B*	23.459	25.537	25.536	13.655	3

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



R3-42c

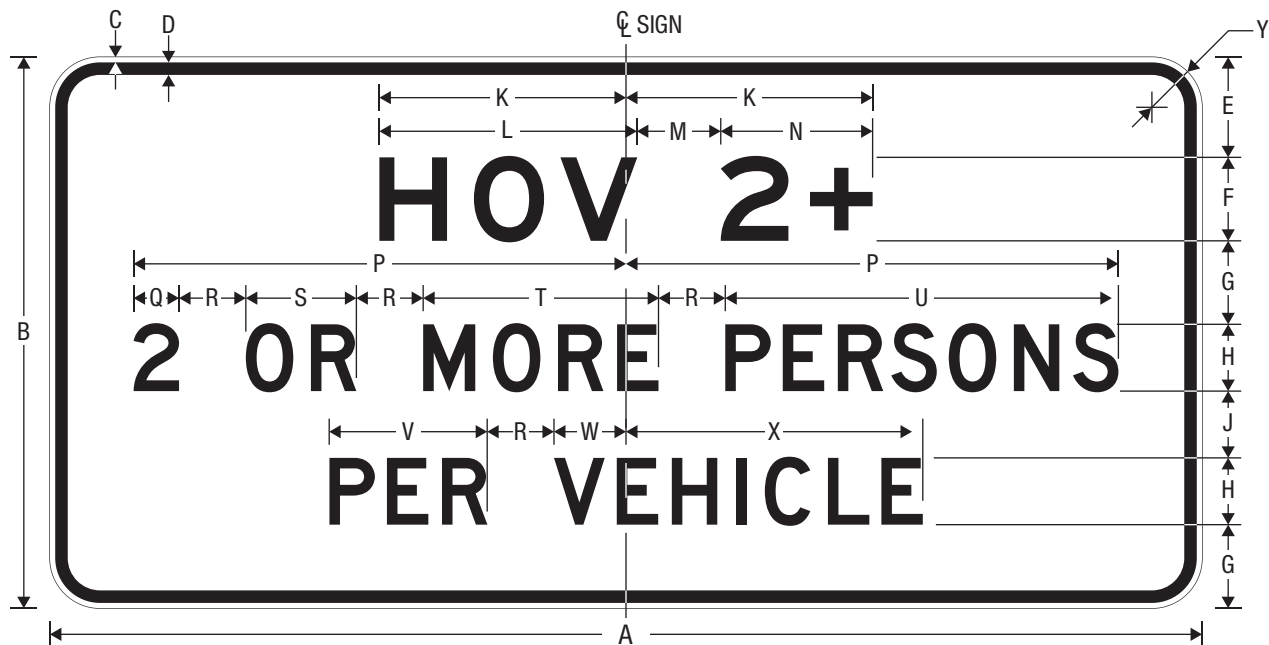
PRICED MANAGED LANE RESTRICTION ENDS ADVANCE (POST-MOUNTED)

* Reduce Spacing 25%.

A	B	C	D	E	F	G	H	J	K
48	66	0.75	1.25	8	8 C	6	8 B*	8 D	18.767
60	84	0.75	1.25	10	10 C	8	10 B*	10 D	23.459

L	M	N	P	Q	R	S	T	U	V
20.429	20.429	12.890	12.890	VAR	VAR	5	19.208	12	3
25.537	25.536	16.113	16.112	VAR	VAR	6.25	24.010	15	3

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



R3-43

PRICED MANAGED LANE VEHICLE OCCUPANCY DEFINITION

* Increase Spacing 40%.

** Increase Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M
138	66	0.625	1.5	12	10 E*	10	8 D**	8	VAR	30.895	10

N	P	Q	R	S	T	U	V	W	X	Y
VAR	VAR	VAR	8	13.242	28.192	47.092	18.926	8.628	35.554	6

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



R3-44

PRICED MANAGED LANE OPERATION (OVERHEAD)

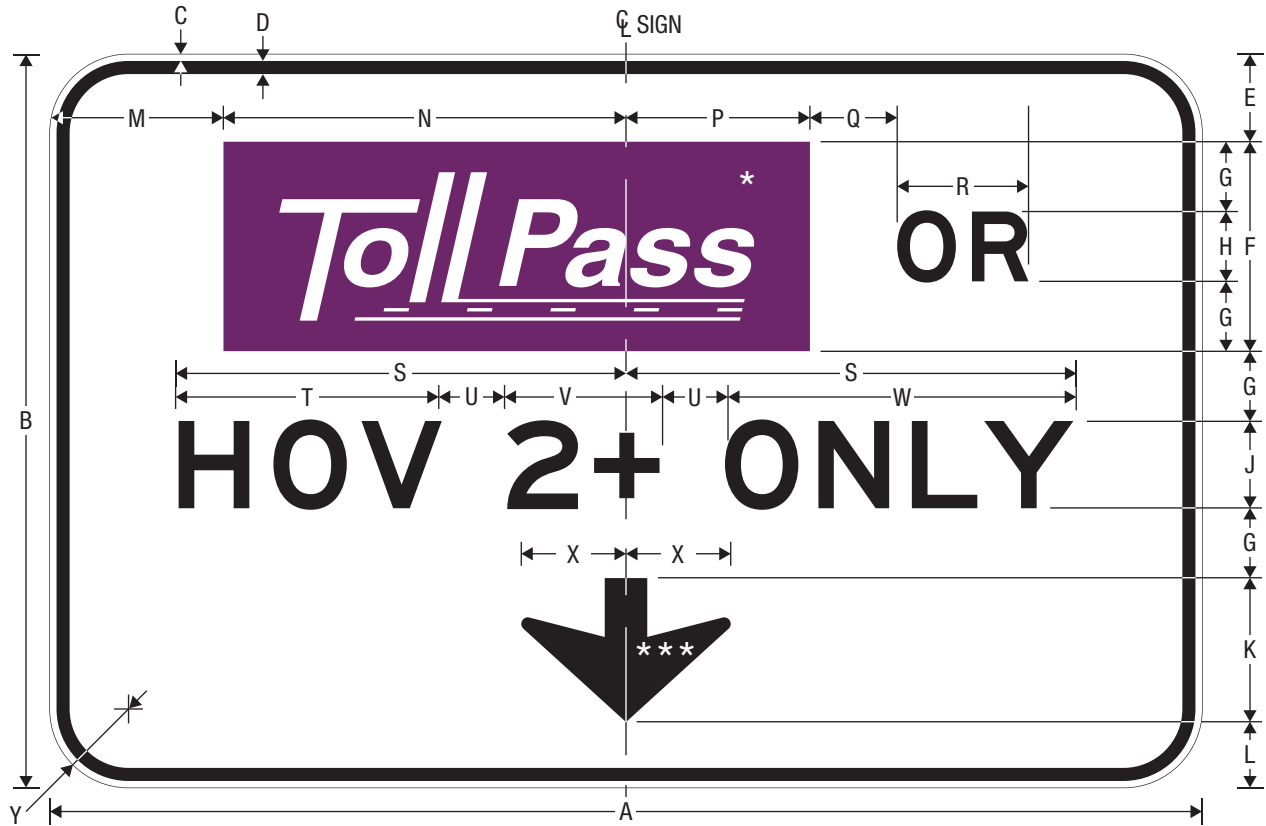
* Pictograph shown is an example.

** See page 7-5 for arrow design.

A	B	C	D	E	F	G	H
90	84	0.75	1.5	10	24 MIN	8	10 E

J	K	L	M	N	P
16.5	7.5	VAR	19.959	12	9

COLORS: LEGEND, BORDER — BLACK
PICTOGRAPH — VARIES (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-44a

PRICED MANAGED LANE OPERATION (OVERHEAD)

* Pictograph shown is an example.

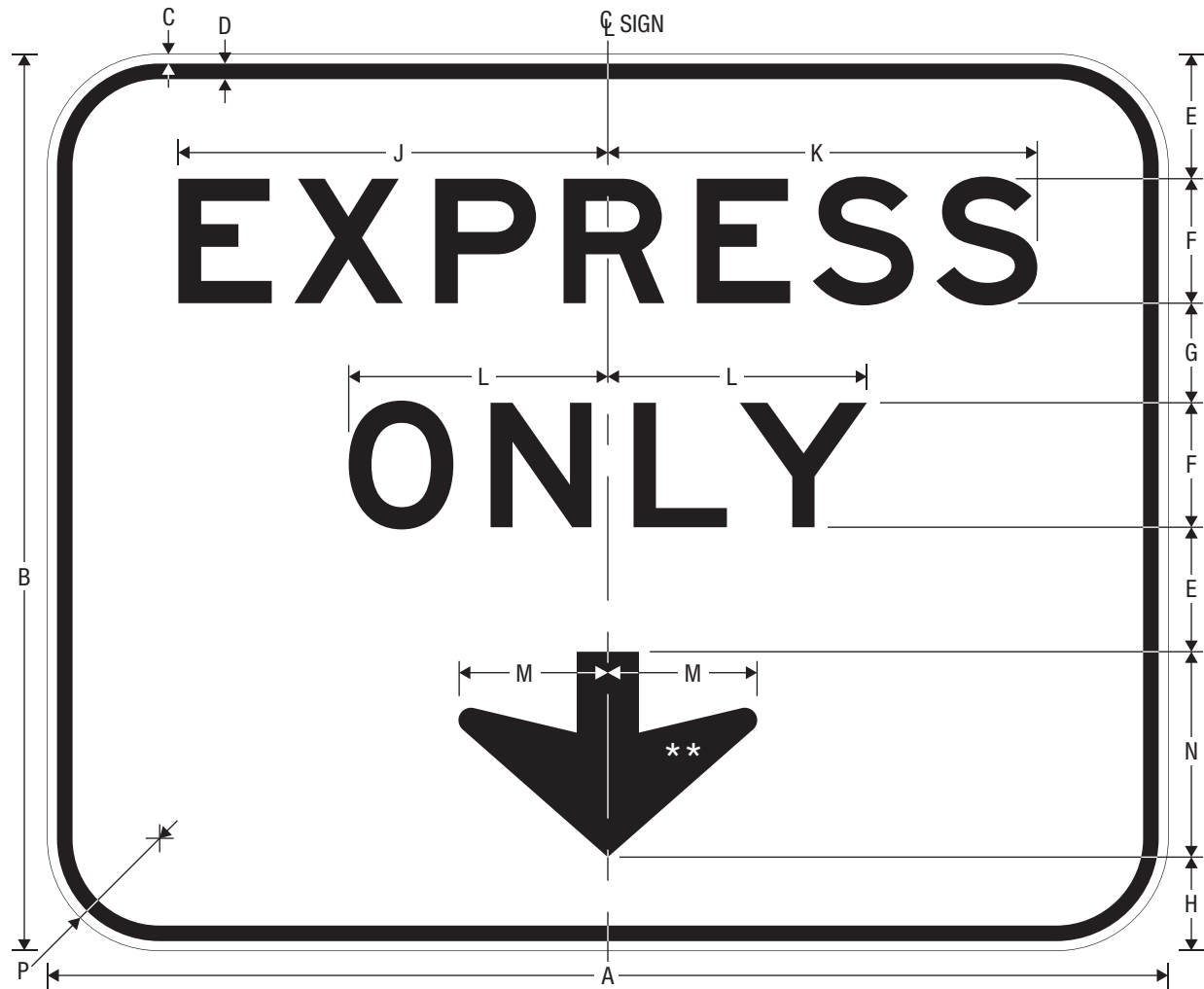
** Increase Spacing 20%.

*** See page 7-5 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
132	84	0.75	1.5	10	24 MIN	8	8 E	10 E	16.5	7.5	12 MIN

N	P	Q	R	S	T	U	V	W	X	Y
VAR	VAR	10	15.048	VAR	30.155**	7.5	VAR	39.918	12	9

COLORS: LEGEND, BORDER — BLACK
PICTOGRAPH — VARIES (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R3-44b

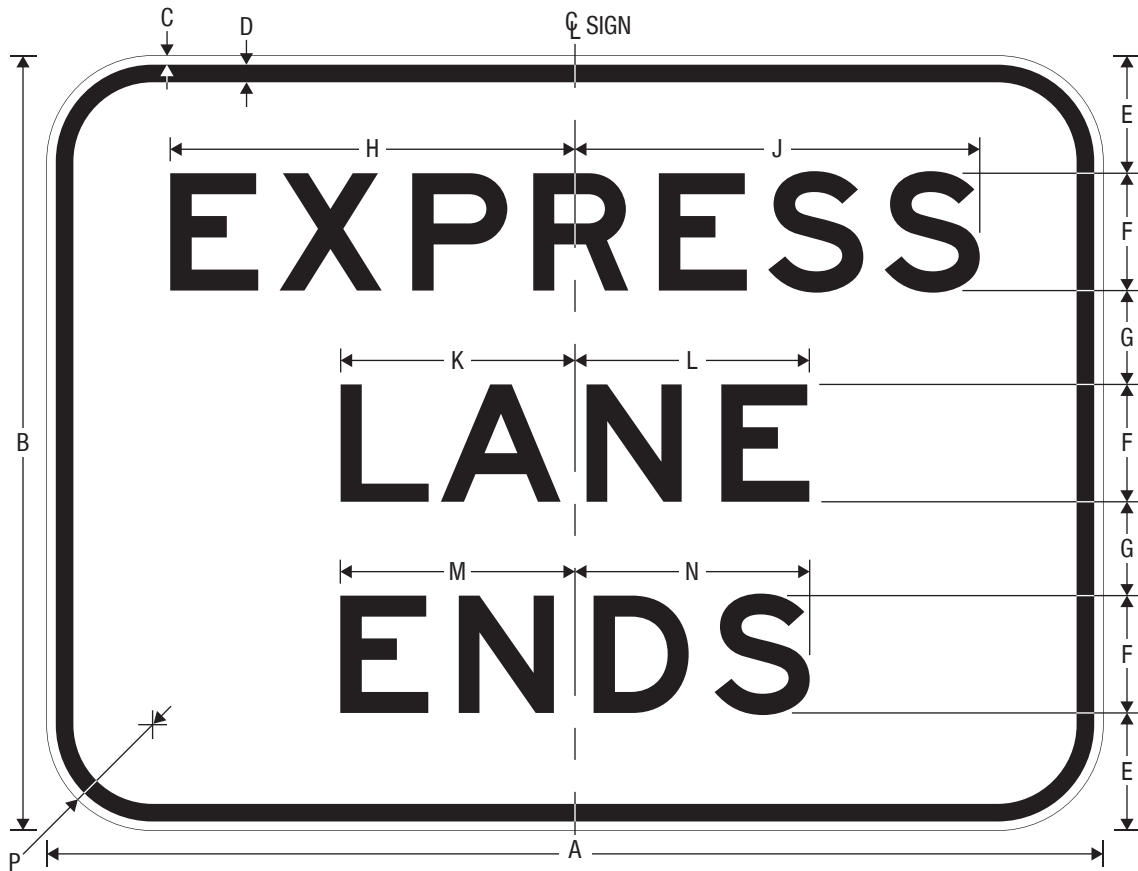
PRICED MANAGED LANE OPERATION (OVERHEAD)

* Increase Spacing 30%.

** See page 7-5 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
90	72	0.75	1.25	10	10 E*	8	7.5	34.498	34.497	20.814	12	16.5	9

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



R3-45

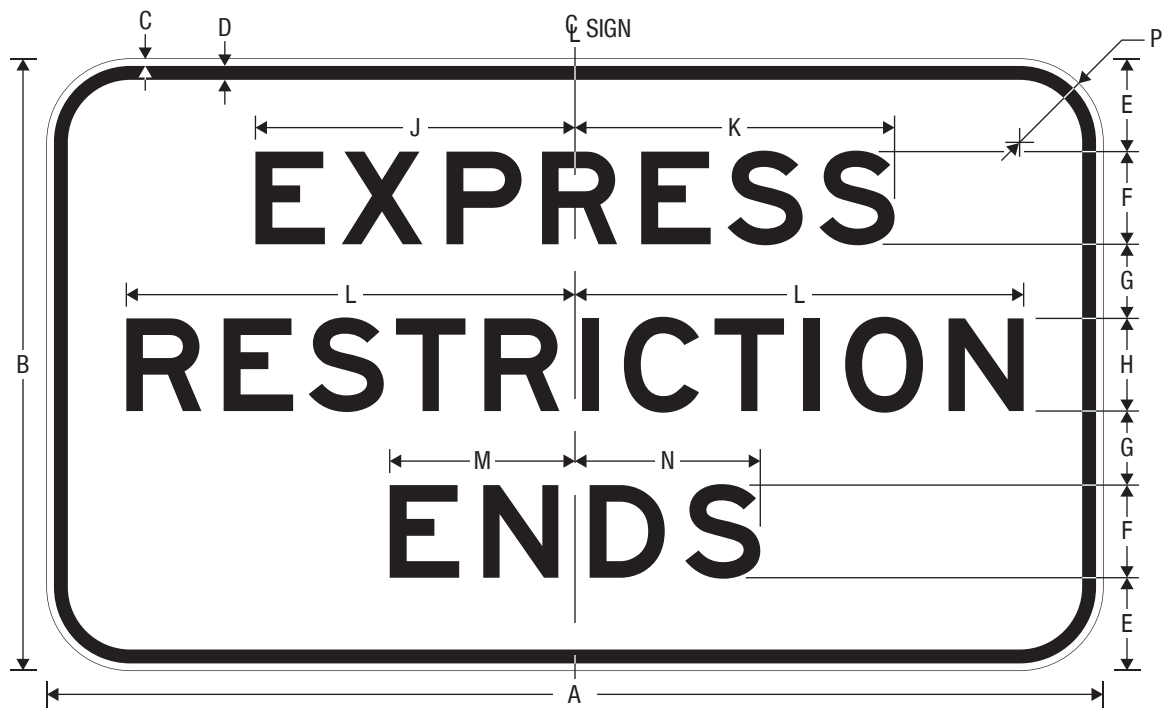
PRICED MANAGED LANE ENDS (OVERHEAD)

* Increase Spacing 30%.

A	B	C	D	E	F	G
90	66	0.75	1.5	10	10 E*	8

H	J	K	L	M	N	P
34.498	34.497	19.972	19.971	20.003	20.002	9

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



R3-45a

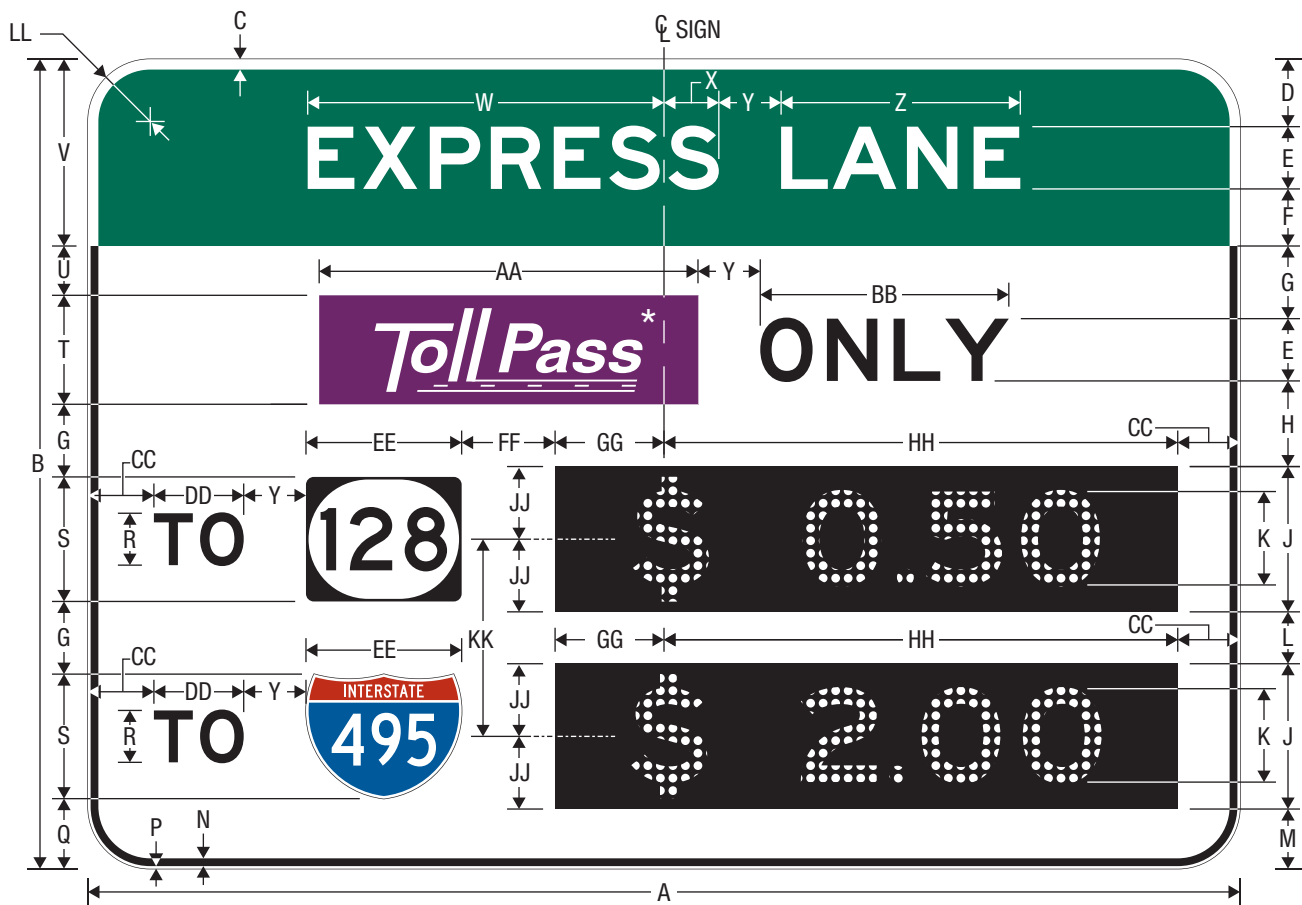
PRICED MANAGED LANE RESTRICTION ENDS (OVERHEAD)

* Increase Spacing 30%.

** Increase Spacing 20%.

A	B	C	D	E	F	G
114	66	0.75	1.5	10	10 E*	8
H	J	K	L	M	N	P
10 E**	34.498	34.497	48.435	20.003	20.002	9

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



R3-48

PRICED MANAGED LANE TOLL RATE

* Pictograph shown is an example.

** Changeable legend display. Dimensions may vary.

A	B	C	D	E	F	G	H	J	K	L	M
VAR	VAR	2	13	12 E	11	14	16.5	28	18 E	10	11.5

N	P	Q	R	S	T	U	V	W	X	Y	Z
1.5	0.5	13.5	10 E	24	21 MIN	9.5	36	68.663	10.567	12	46.095

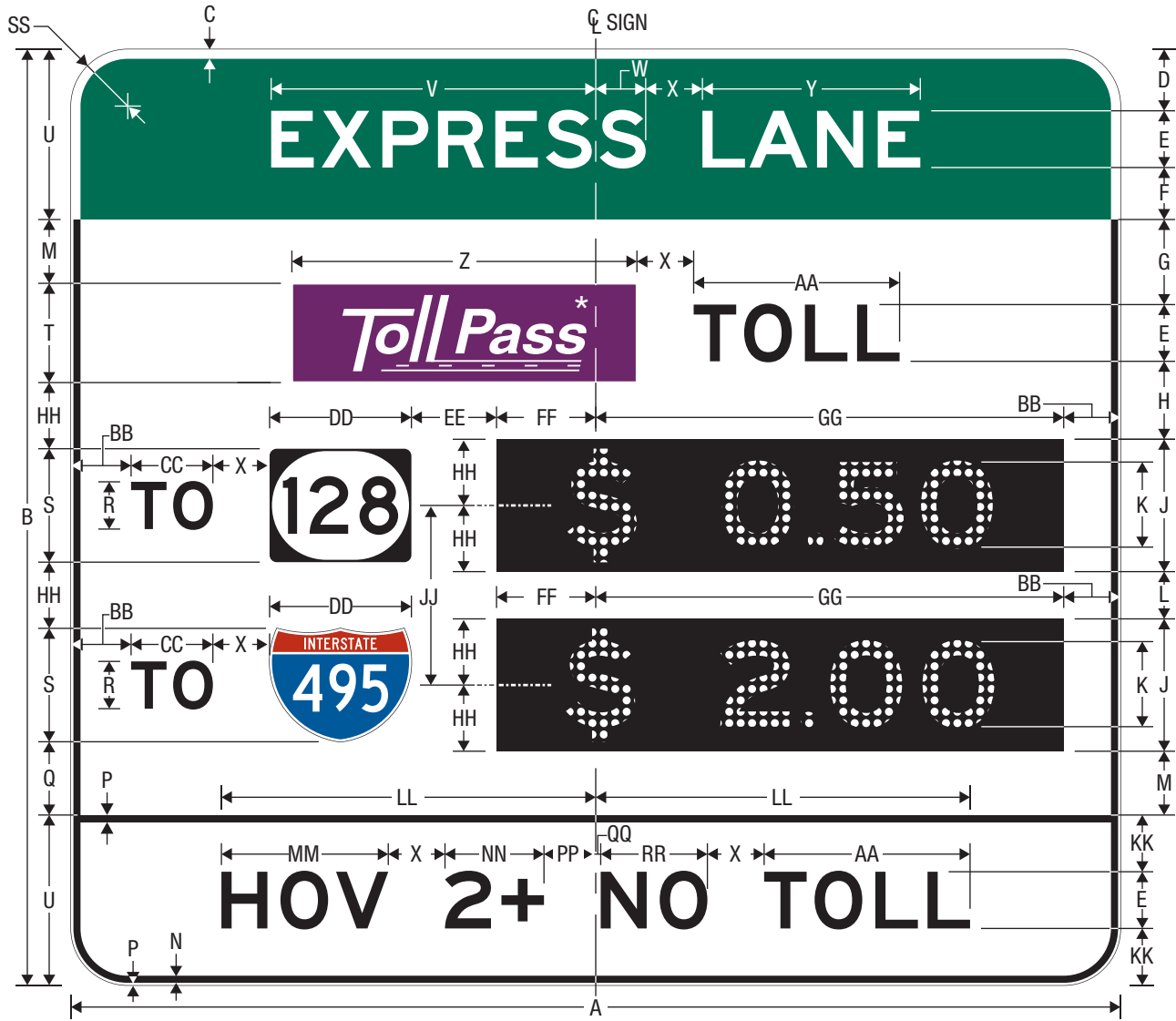
AA	BB	CC	DD	EE	FF	GG	HH	JJ	KK	LL
VAR	47.901	12 MIN	17.305	VAR	18	21**	99**	14**	38	12

UPPER SECTION

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — GREEN (RETROREFLECTIVE)

LOWER SECTION

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)
PICTOGRAPH — VARIES (RETROREFLECTIVE)



R3-48a

PRICED MANAGED LANE TOLL RATE

* Pictograph shown is an example.

** Changeable legend display. Dimensions may vary.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
VAR	VAR	2	13	12 E	11	18	16.5	28	18 E	10	13.5	1.5	0.5
Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD
15.5	10 E	24	21 MIN	36	68.663	10.567	12	46.095	VAR	43.566	12 MIN	17.305	VAR
EE	FF	GG	HH	JJ	KK	LL	MM	NN	PP	QQ	RR	SS	
18	21**	99**	14	38	12	VAR	35.298	VAR	10.655	1.345	22.572	12	

UPPER SECTION

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — GREEN (RETROREFLECTIVE)

LOWER SECTION

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)
PICTOGRAPH — VARIES (RETROREFLECTIVE)



R3-51

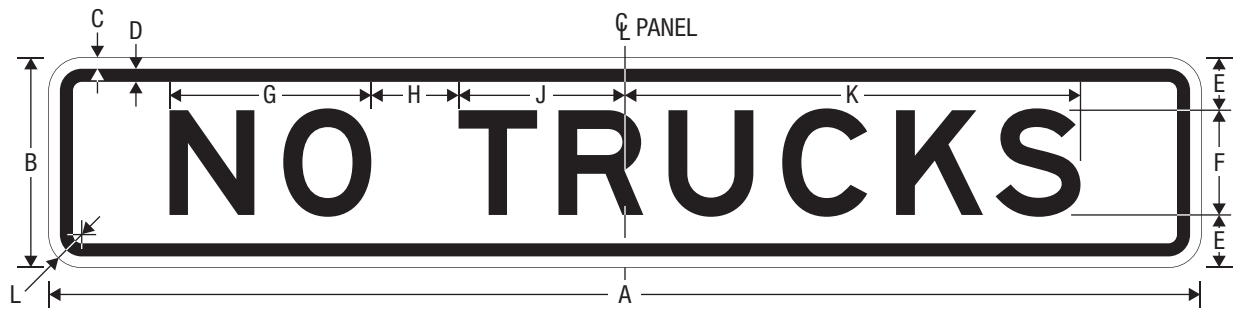
PART-TIME TRAVEL ON SHOULDER OPERATION

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N
66	78	0.75	1.25	7.5	10 C*	6	10 C	6 D	4	6.5	28.210	10.105

P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB
5	13.105	28.560	24.560	VAR	VAR	3	3	VAR	VAR	VAR	VAR	3

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

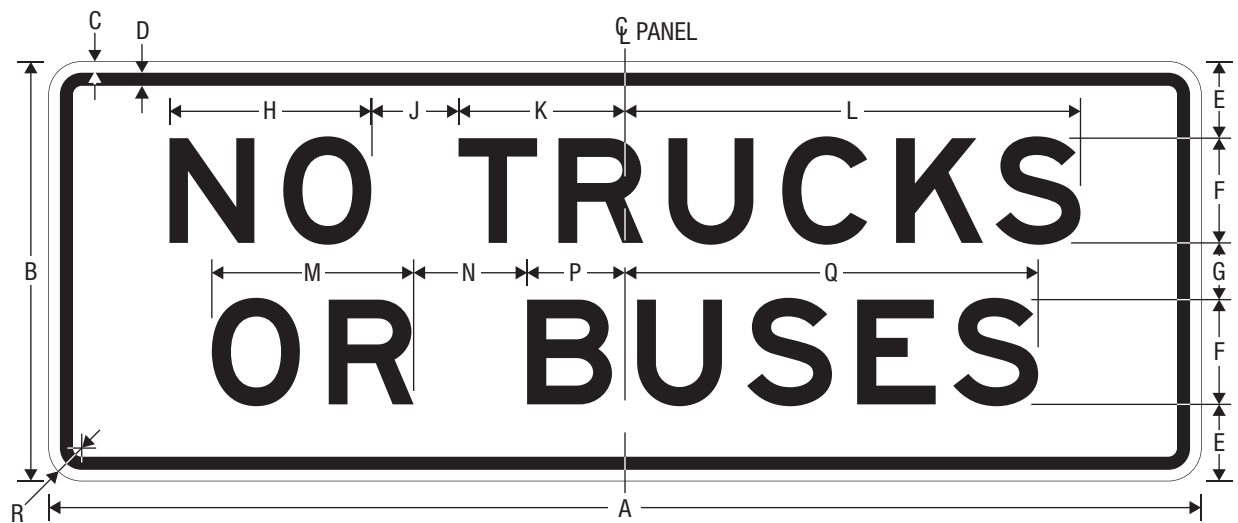


R3-51aP
NO TRUCKS (PLAQUE)

★ Increase Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L
66	12	0.625	0.75	3	6 E*	11.562	5	9.535	26.096	1.875

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



R3-51bP
NO TRUCKS OR BUSES (PLAQUE)

* Increase Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
66	24	0.625	0.75	4.375	6 E*	3.25	11.562	5	9.535	26.096	11.562	6.5	5.609	23.671	1.875

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



R3-51cP

EMERGENCY STOPPING ONLY OTHER TIMES (PLAQUE)

★ Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K
54	42	0.625	0.875	4.75	6 D*	3.5	6 D	5 D	3.75

L	M	N	P	Q	R	S	T	U	V
22.203	22.202	18.254	18.253	10.176	20.013	1.473	3.527	17.959	2.25

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



R3-51d

PART-TIME TRAVEL ON SHOULDER VARIABLE OPERATION

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J
66	84	0.75	1.25	7	10 C*	5	10 C	28.210

K	L	M	N	P	Q	R	S
10.105	13.105	28.560	24.560	14.607	14.606	25.709	3

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



R3-51e

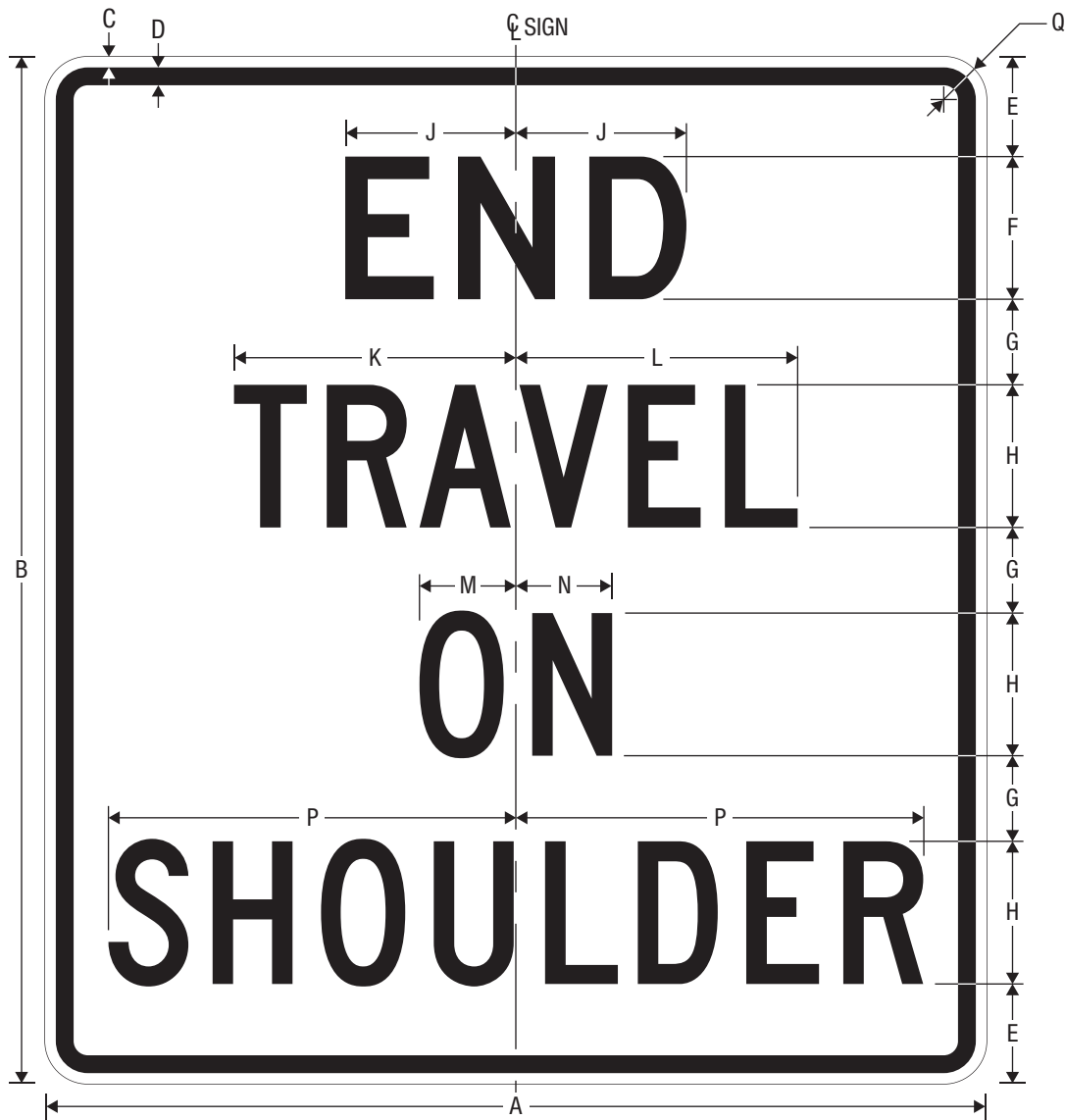
PART-TIME TRAVEL ON SHOULDER ON GREEN ARROW

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K
66	84	0.75	0.125	7	10 C*	5	10 C	28.207	10.108

L	M	N	P	Q	R	S	T	U	V
13.105	28.560	13.505	8	6.304	27.809	18.458	18.457	13.905	3

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



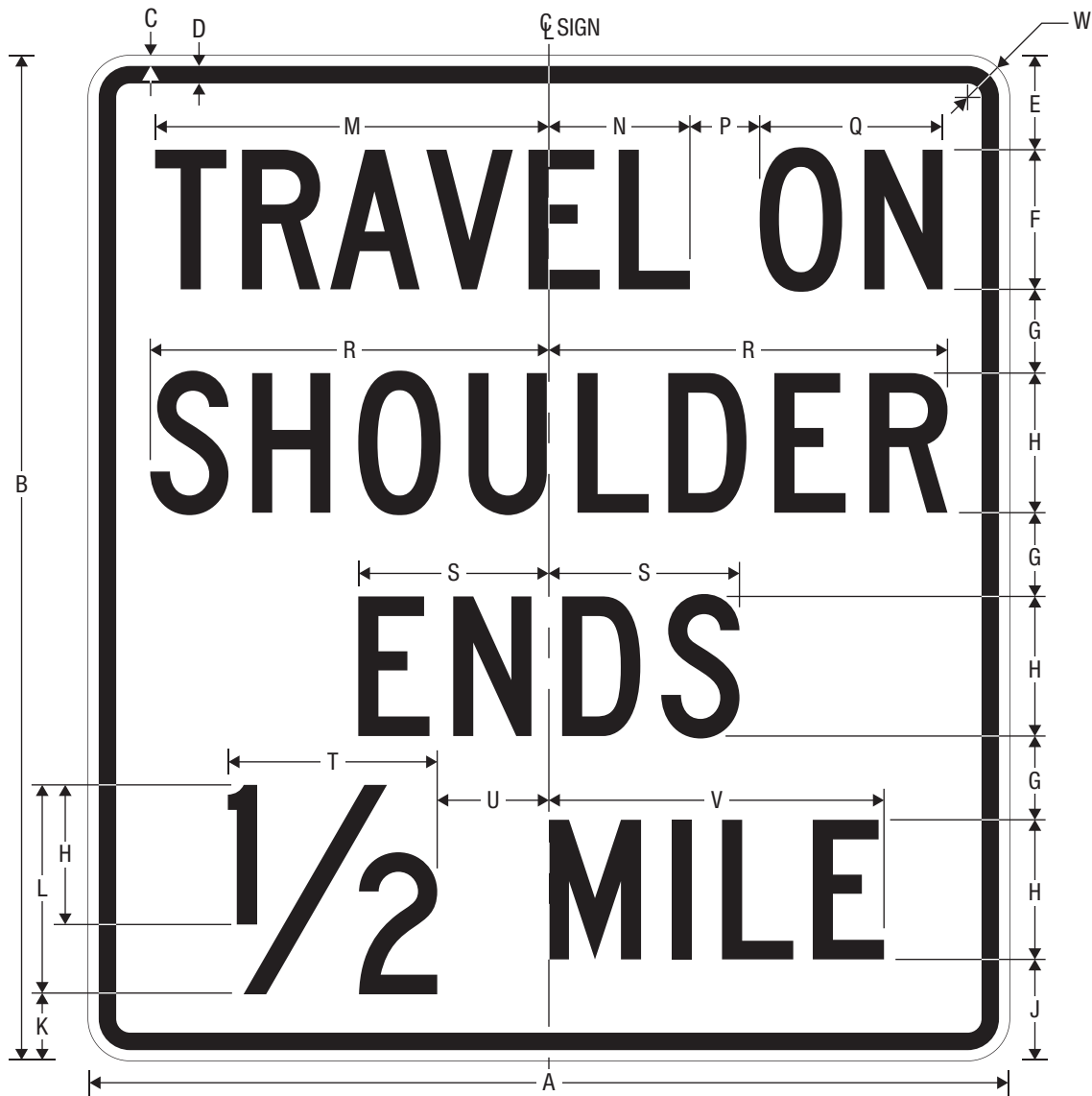
R3-52

PART-TIME TRAVEL ON SHOULDER ENDS

A	B	C	D	E	F	G	H
66	72	0.75	0.125	7	10 D	6	10 C

J	K	L	M	N	P	Q
11.959	19.758	19.757	6.753	6.752	28.560	3

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



R3-52a

PART-TIME TRAVEL ON SHOULDER ENDS ADVANCE

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L
66	72	0.75	0.125	6.75	10 C*	6	10 C	7.25	4.75	15

M	N	P	Q	R	S	T	U	V	W
28.210	10.105	5	13.105	28.560	13.655	VAR	8	24.010	3

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



R3-52b

SHOULDER MUST EXIT ADVANCE

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K
66	72	0.75	0.125	6.75	10 C	6	10 D	7.25	4.75

L	M	N	P	Q	R	S	T	U	V
15	28.560	16.262	16.261	12.507	12.506	VAR	8	24.010	3

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



R3-52c

PART-TIME TRAVEL ON SHOULDER BEGINS ADVANCE

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L
66	72	0.75	1.25	6.75	10 C*	6	10 C	7.25	4.75	15

M	N	P	Q	R	S	T	U	V	W	X
28.210	10.105	5	13.105	28.560	19.007	19.006	VAR	8	24.010	3

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



R3-56R
BEGIN EXIT LANE



R3-56L
BEGIN EXIT LANE

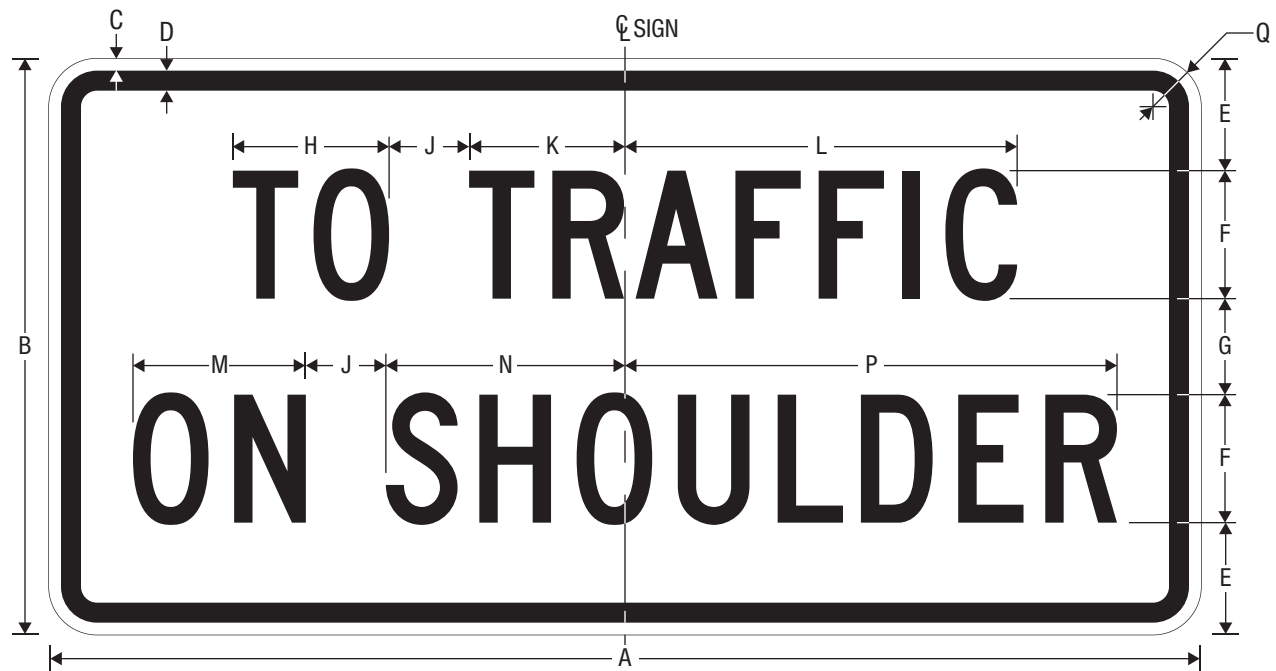
* See page 7-3 for arrow design.

** Increase Spacing 25%.

A	B	C	D	E	F	G	H	J
48	72	0.75	1.25	7	10 D	5.5	10 D**	4.889

K	L	M	N	P	Q	R	S	T
18.013	18.012	13.032	13.031	16.109	12.734	13	28	3

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

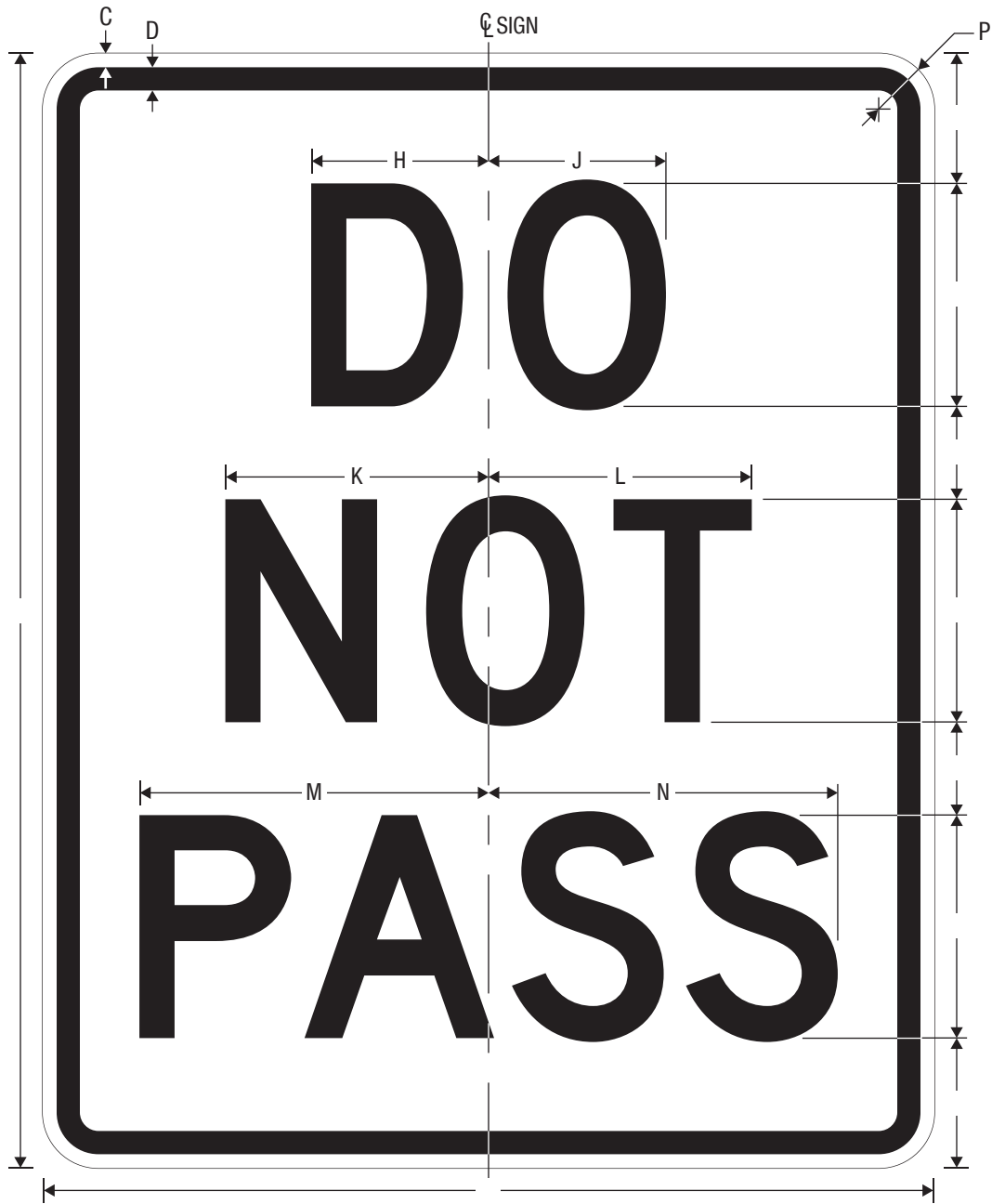


R3-57P

TO TRAFFIC ON SHOULDER (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
36	18	0.375	0.625	3.5	4 C	3	4.882	2.5	4.872	12.254	5.402	7.473	15.375	1.5

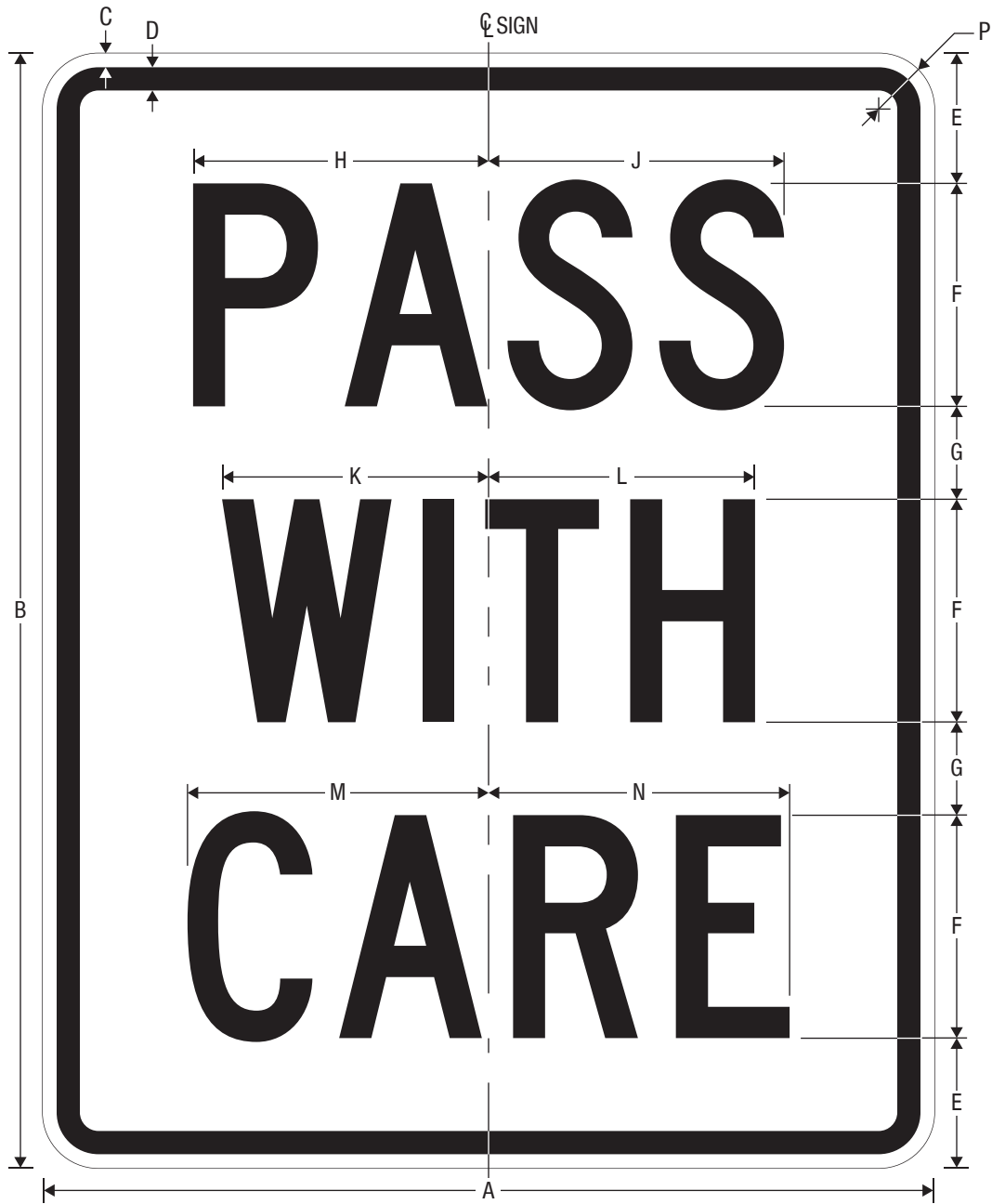
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R4-1
DO NOT PASS

A	B	C	D	E	F	G	H	J	K	L	M	N	P
12	18	0.375	0.375	2.875	2.75 D	2	2.188	2.188	3.247	3.247	4.308	4.307	1.5
18	24	0.375	0.625	3.5	4 D	2.5	3.183	3.182	4.723	4.723	6.266	6.265	1.5
24	30	0.375	0.625	3.5	6 D	2.5	4.774	4.774	7.085	7.084	9.399	9.398	1.5
36	48	0.625	0.875	7	8 D	5	6.365	6.365	9.446	9.446	12.531	12.531	2.25
48	60	0.75	1.25	8	10 D	7	7.957	7.956	11.808	11.807	15.664	15.664	3

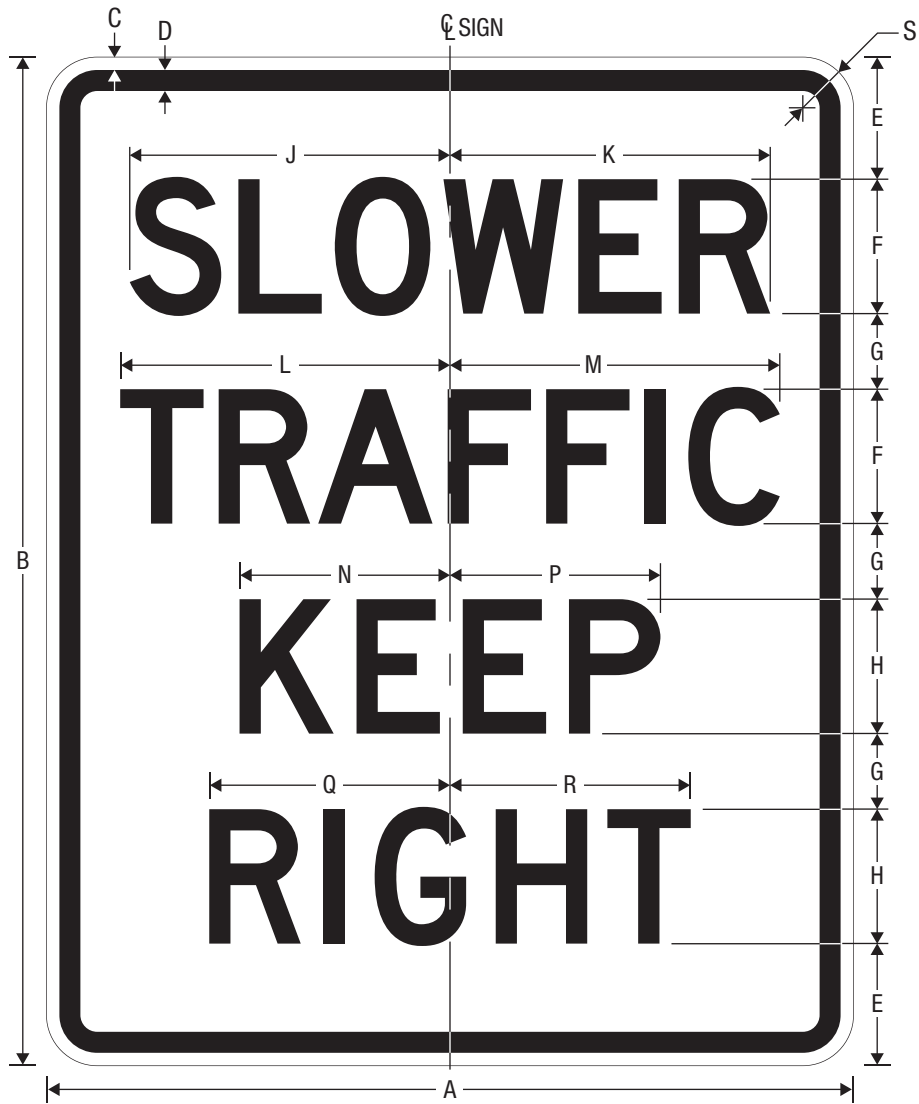
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R4-2
PASS WITH CARE

A	B	C	D	E	F	G	H	J	K	L	M	N	P
12	18	0.375	0.375	2.5	3 C	2	3.977	3.976	3.587	3.586	4.052	4.051	1.5
18	24	0.375	0.625	3.5	4 C	2.5	5.302	5.302	4.782	4.782	5.402	5.402	1.5
24	30	0.375	0.625	3.5	6 C	2.5	7.953	7.953	7.173	7.173	8.103	8.103	1.5
36	48	0.625	0.875	7	8 C	5	10.604	10.604	9.564	9.564	10.804	10.804	2.25
48	60	0.75	1.25	8	10 C	7	13.255	13.255	11.955	11.955	13.505	13.505	3

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



R4-3

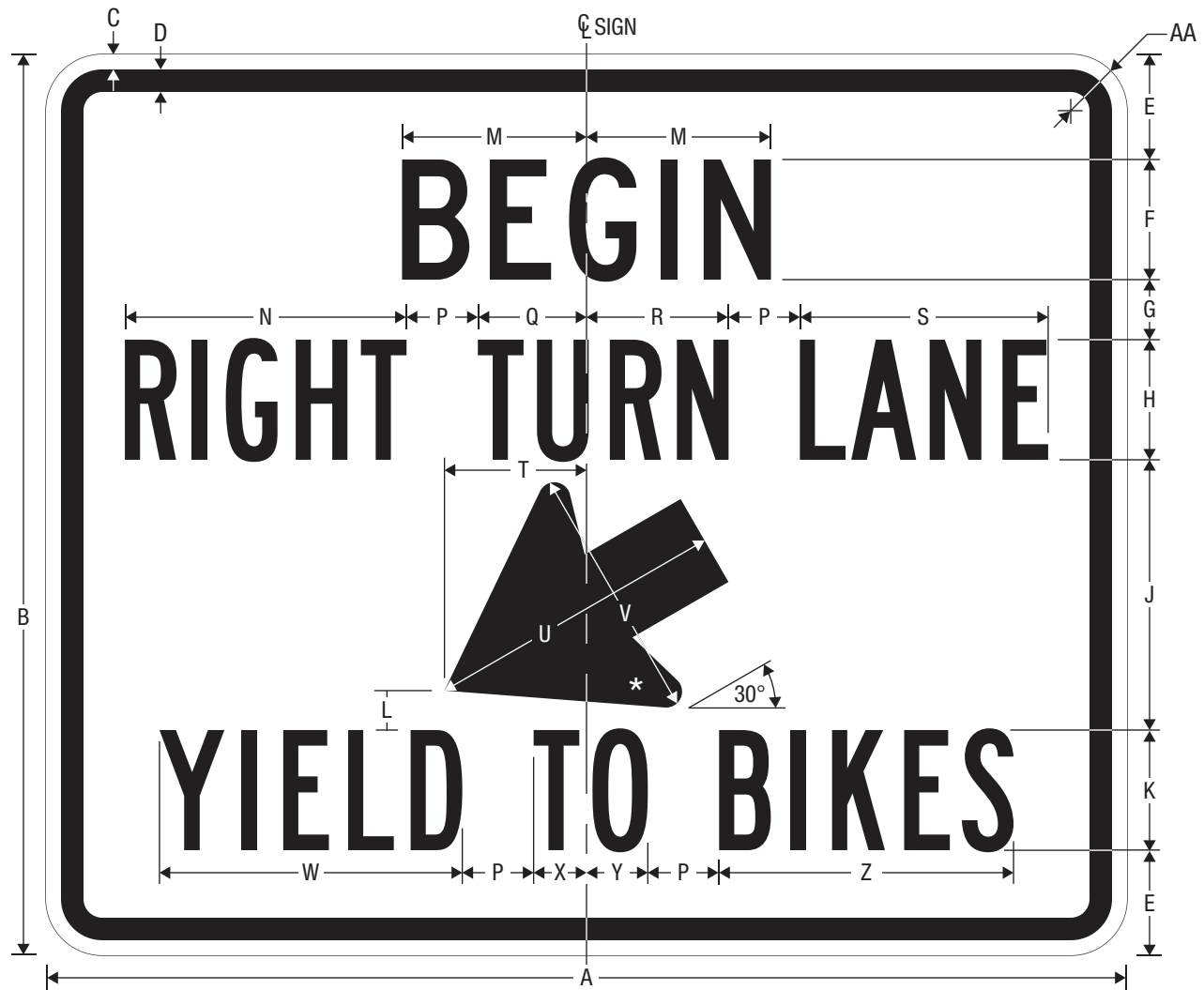
SLOWER TRAFFIC KEEP RIGHT

★ Reduce Spacing 25%.

A	B	C	D	E	F	G	H	J
12	18	0.375	0.375	3.25	1.75 D*	1.5	1.75 D	4.170
18	24	0.375	0.625	3	3 D*	2	3 D	7.149
24	30	0.375	0.625	3.625	4 D*	2.25	4 D	9.531
36	48	0.625	0.875	6	6 D*	4	6 D	14.297
48	60	0.75	1.25	7.25	8 D*	4.5	8 D	19.062

K	L	M	N	P	Q	R	S
4.170	4.295	4.294	2.741	2.740	3.135	3.134	1.5
7.148	7.362	7.361	4.698	4.697	5.374	5.374	1.5
9.531	9.816	9.815	6.264	6.263	7.165	7.165	1.5
14.296	14.724	14.723	9.396	9.395	10.748	10.747	2.25
19.062	19.631	19.631	12.527	12.527	14.330	14.330	3

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



R4-4

BEGIN RIGHT TURN LANE YIELD TO BIKES

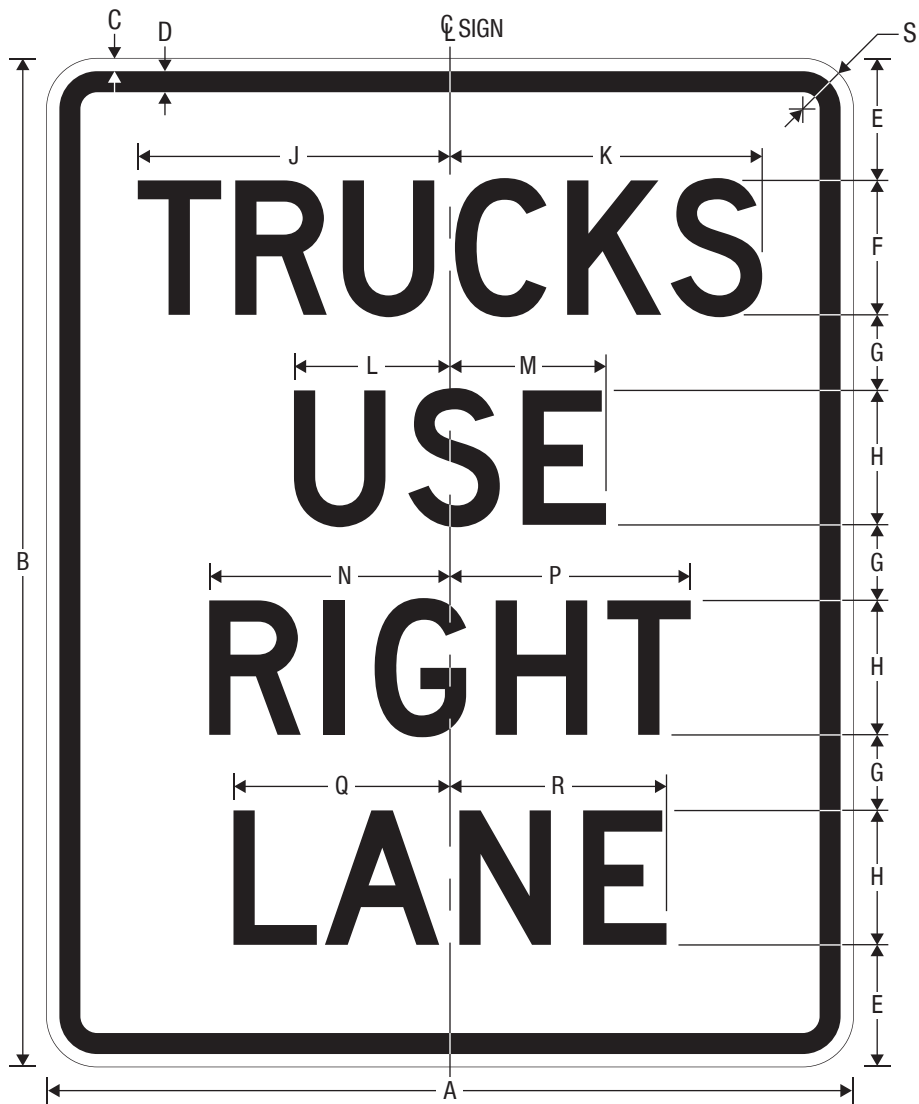
* See page 7-3 for arrow design.

** Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N
36	30	0.5	0.75	3.5	4 C	2	4 B**	9	4 B	1.313	6.142	9.380

P	Q	R	S	T	U	V	W	X	Y	Z	AA
2.375	3.618	4.730	8.268	4.729	10	8.5	10.084	1.761	2.041	9.804	1.875

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



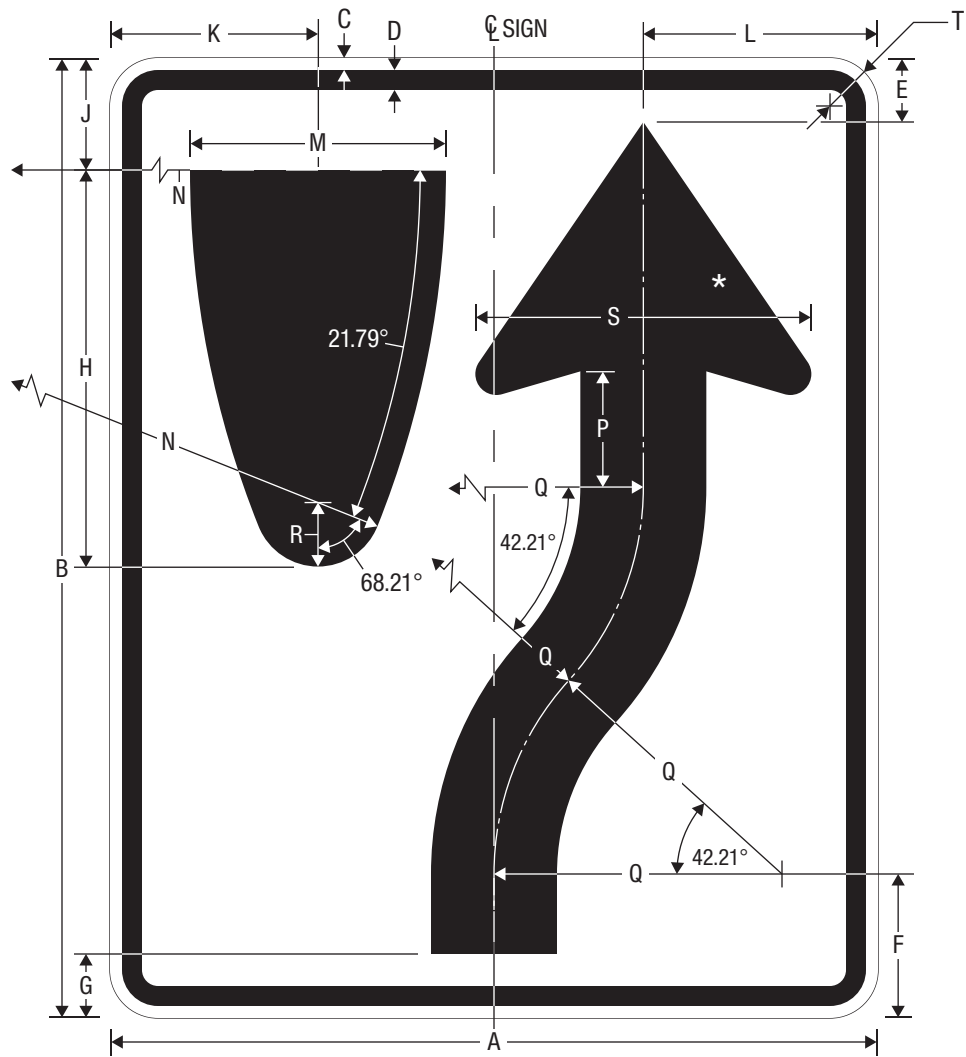
R4-5
TRUCKS USE RIGHT LANE

* Reduce Spacing 30%.

A	B	C	D	E	F	G	H	J
24	30	0.375	0.625	3.625	4 D*	2.25	4 D	9.292
36	48	0.625	0.875	6	6 D*	4	6 D	13.938
48	60	0.75	1.25	7.25	8 D*	4.5	8 D	18.583

K	L	M	N	P	Q	R	S
9.291	4.644	4.643	7.165	7.165	6.444	6.443	1.5
13.937	6.966	6.965	10.748	10.747	9.666	9.665	2.25
18.583	9.287	9.287	14.330	14.330	12.887	12.887	3

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



R4-7
KEEP RIGHT

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
12	18	0.375	0.375	2.5	3.75	2.5	6.196	3.25
18	24	0.375	0.625	2.25	4.125	2.25	9.294	3.375
24	30	0.375	0.625	2	4.5	2	12.392	3.5
36	48	0.625	0.875	4.5	8.25	4.5	18.588	6.75
48	60	0.75	1.25	4	9	4	24.785	7

K	L	M	N	P	Q	R	S	T
3.25	3.667	4	15	1.807	4.5	1	5.25	1.5
4.875	5.5	6	22.5	2.711	6.75	1.5	7.875	1.5
6.5	7.333	8	30	3.615	9	2	10.5	1.5
9.75	11	12	45	5.422	13.5	3	15.75	2.25
13	14.667	16	60	7.230	18	4	21	3

COLORS: SYMBOL, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)

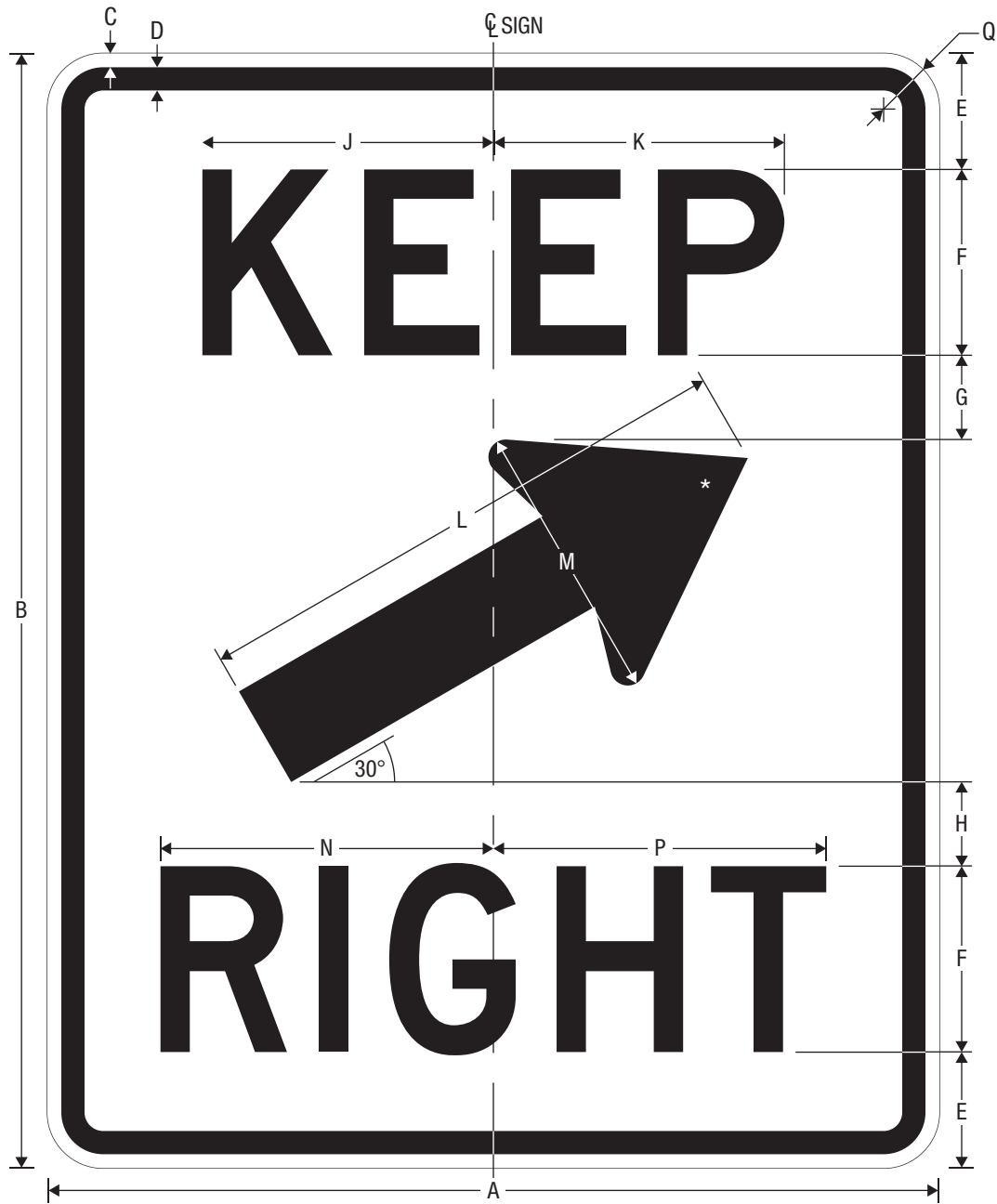


R4-7a
KEEP RIGHT

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
18	24	0.375	0.625	3.75	4 D	1.25	6	6.264	6.263	6	6	7.165	7.165	1.5
24	30	0.375	0.625	4.687	5 D	1.563	7.5	7.830	7.829	7.5	7.5	8.957	8.956	1.5
36	48	0.625	0.875	7.5	8 D	2.5	12	12.527	12.527	12	12	14.330	14.330	2.25
48	60	0.75	1.25	9.375	10 D	3.125	15	15.659	15.659	15	15	17.913	17.912	3

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

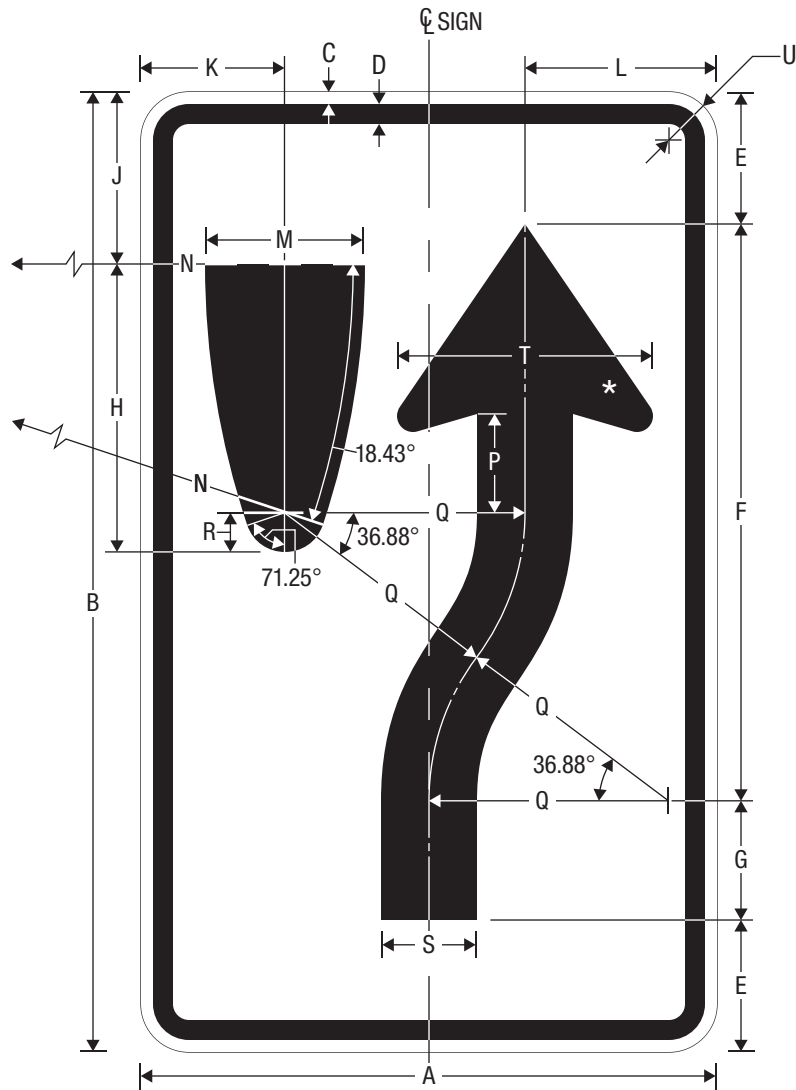


R4-7b
KEEP RIGHT

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
18	24	0.375	0.625	2.5	4 D	1.814	1.814	6.264	6.263	12	6	7.165	7.165	1.5
24	30	0.375	0.625	3.125	5 D	2.268	2.268	7.830	7.829	15	7.5	8.957	8.956	1.5
36	48	0.625	0.875	5	8 D	3.629	3.628	12.527	12.527	24	12	14.330	14.330	2.25
48	60	0.75	1.25	6.25	10 D	4.536	4.536	15.659	15.659	30	15	17.913	17.913	3

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



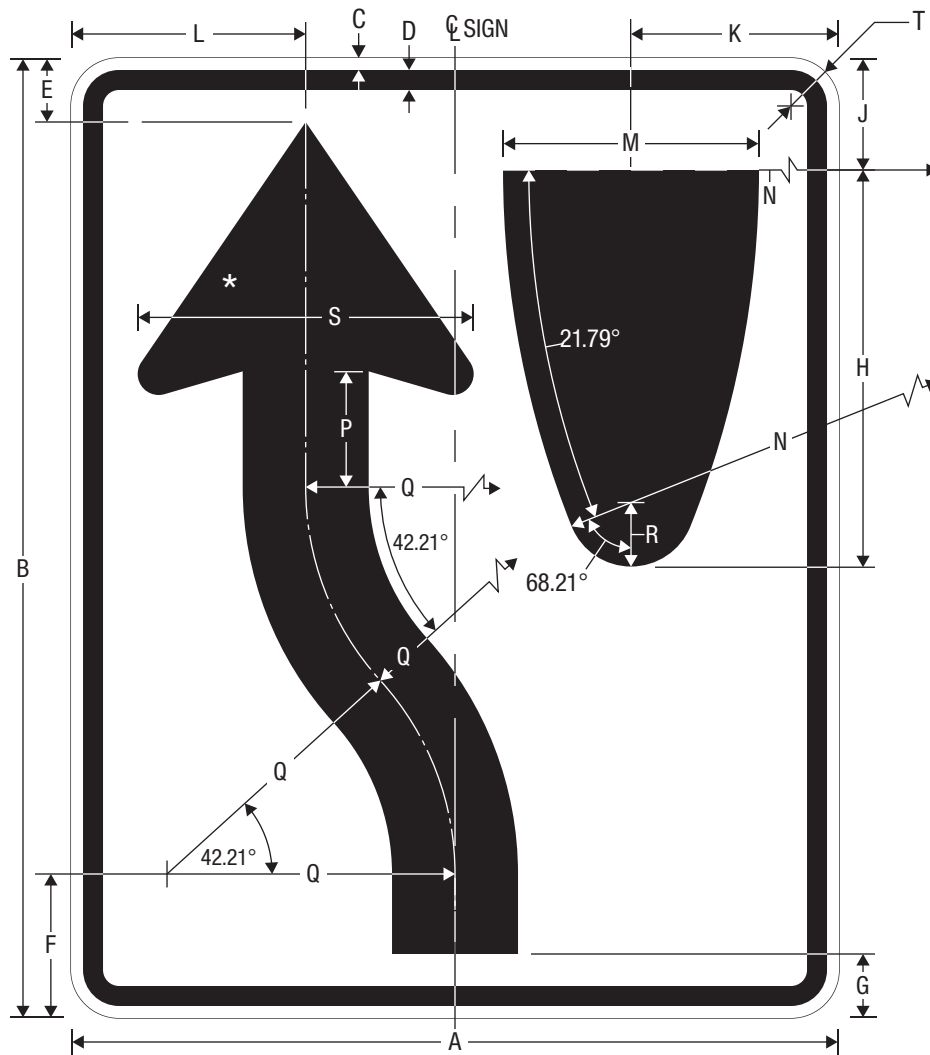
R4-7c
NARROW KEEP RIGHT

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
18	30	0.375	0.625	4.125	18	3.75	9	5.375	4.5

L	M	N	P	Q	R	S	T	U
6	5	25.75	3.087	7.5	1.25	3	8	1.5

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



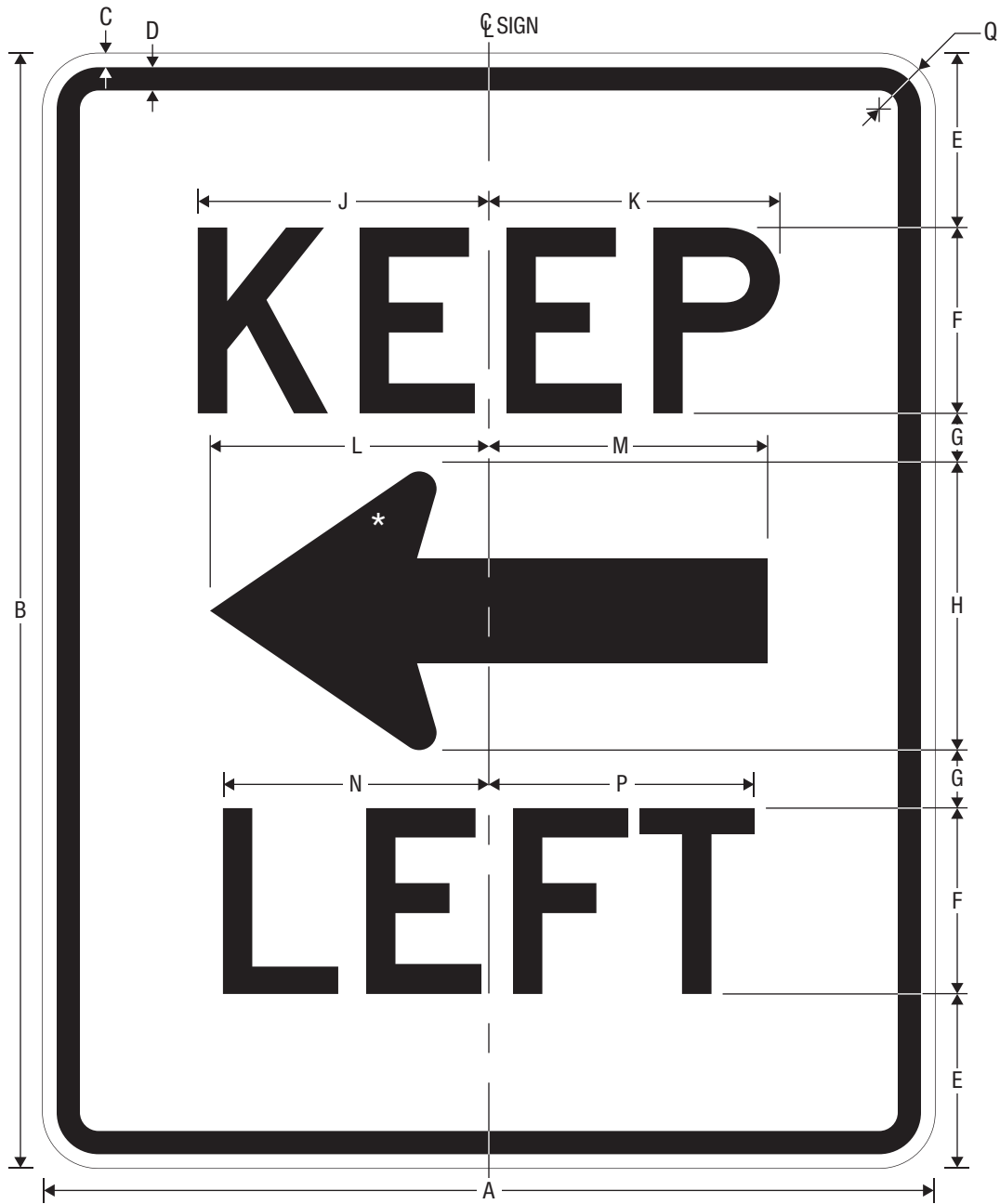
R4-8
KEEP LEFT

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
18	24	0.375	0.625	2.25	4.125	2.25	9.294	3.375
24	30	0.375	0.625	2	4.5	2	12.392	3.5
36	48	0.625	0.875	4.5	8.25	4.5	18.588	6.75
48	60	0.75	1.25	4	9	4	24.785	7

K	L	M	N	P	Q	R	S	T
4.875	5.5	6	22.5	2.711	6.75	1.5	7.875	1.5
6.5	7.333	8	30	3.615	9	2	10.5	1.5
9.75	11	12	45	5.422	13.5	3	15.75	2.25
13	14.667	16	60	7.230	18	4	21	3

COLORS: SYMBOL, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)

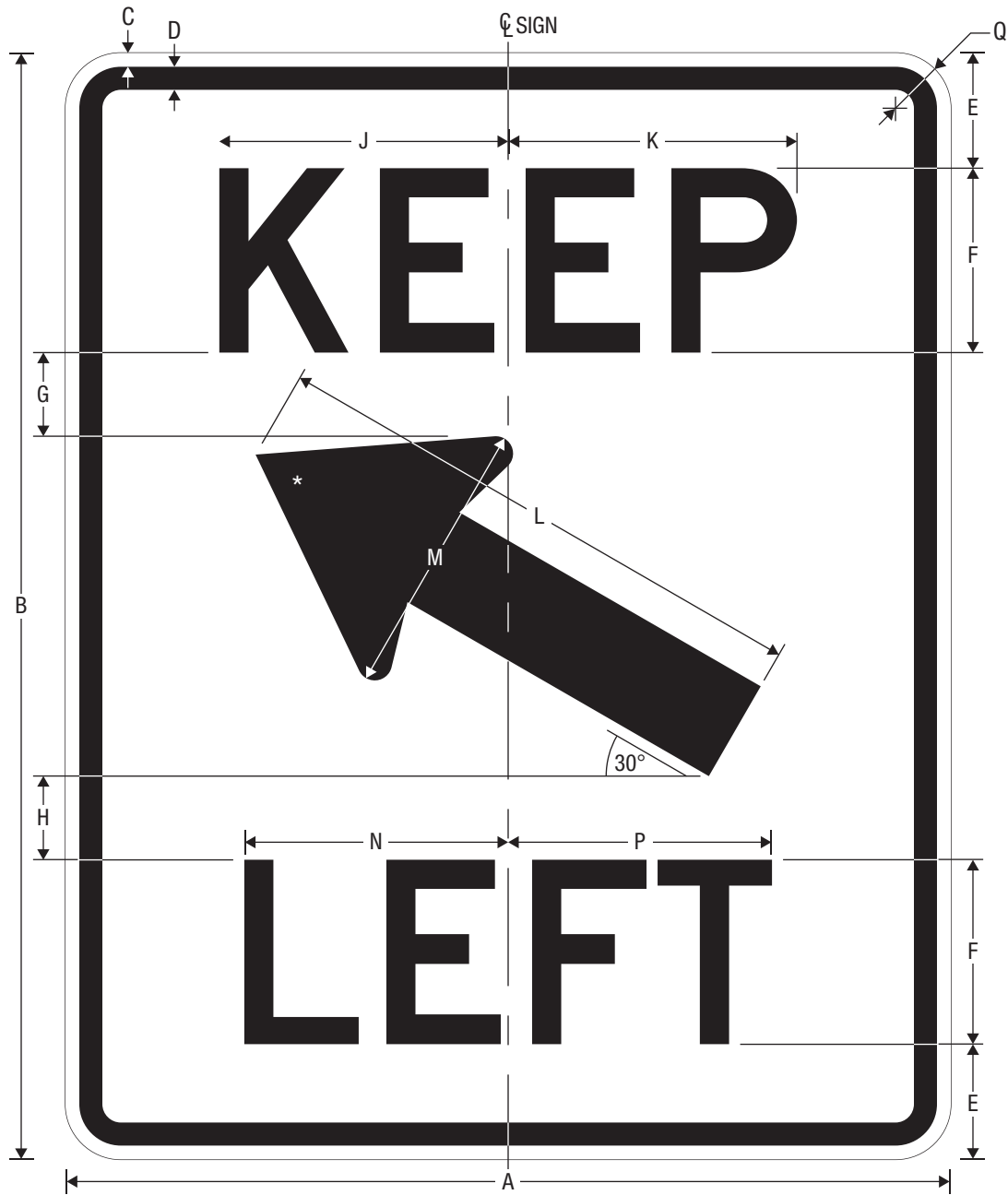


R4-8a
KEEP LEFT

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
18	24	0.375	0.625	3.75	4 D	1.25	6	6.264	6.263	6	6	5.722	5.722	1.5
24	30	0.375	0.625	4.687	5 D	1.563	7.5	7.830	7.829	7.5	7.5	7.153	7.152	1.5
36	48	0.625	0.875	7.5	8 D	2.5	12	12.527	12.527	12	12	11.444	11.444	2.25
48	60	0.75	1.25	9.375	10 D	3.125	15	15.659	15.659	15	15	14.305	14.305	3

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

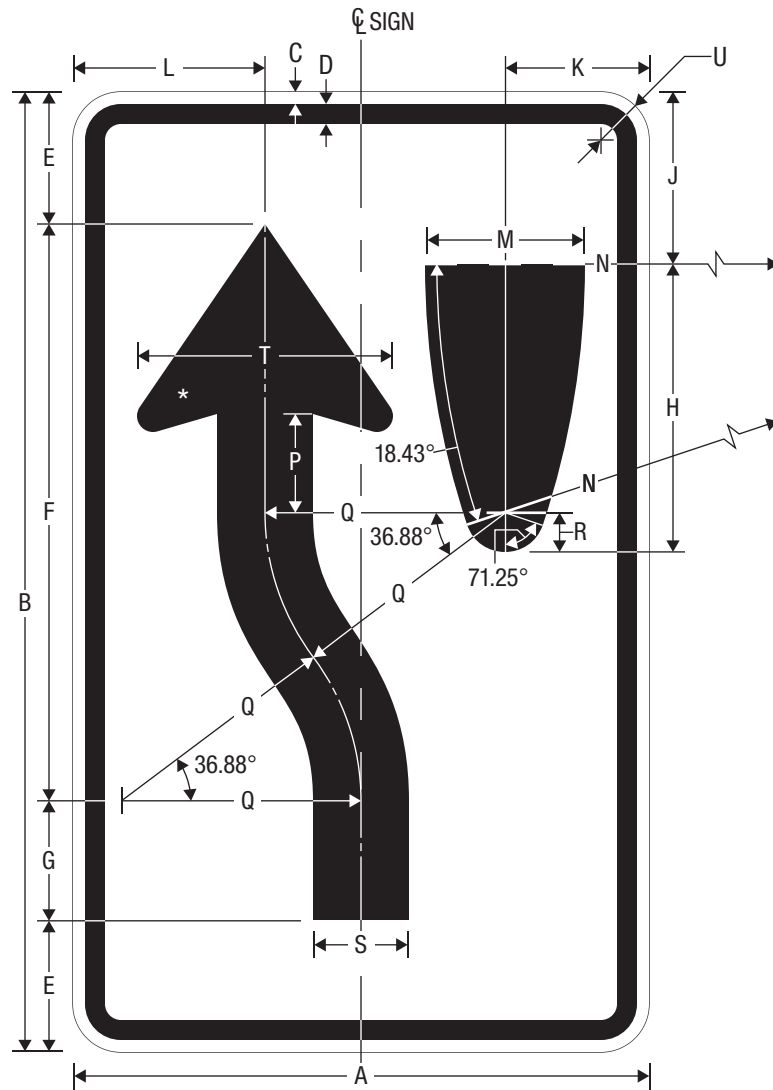


R4-8b
KEEP LEFT

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
18	24	0.375	0.625	2.5	4 D	1.814	1.814	6.264	6.263	12	6	5.722	5.722	1.5
24	30	0.375	0.625	3.125	5 D	2.268	2.268	7.830	7.829	15	7.5	7.153	7.152	1.5
36	48	0.625	0.875	5	8 D	3.629	3.628	12.527	12.527	24	12	11.444	11.444	2.25
48	60	0.75	1.25	6.25	10 D	4.536	4.536	15.659	15.659	30	15	14.305	14.305	3

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



R4-8c
NARROW KEEP LEFT

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
18	30	0.375	0.625	4.125	18	3.75	9	5.375	4.5

L	M	N	P	Q	R	S	T	U
6	5	25.75	3.087	7.5	1.25	3	8	1.5

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



R4-9
STAY IN LANE

A	B	C	D	E	F	G	H	J	K	L	M	N
18	24	0.375	0.625	3	4 D	3	6.424	2.162	2.161	6.444	6.443	1.5
24	30	0.375	0.625	3.687	5 D	3.813	8.030	2.702	2.702	8.055	8.054	1.5
36	48	0.625	0.875	8.25	7 D	5.25	11.242	3.783	3.782	11.276	11.276	2.25
48	60	0.75	1.25	7.5	10 D	7.5	16.060	5.404	5.404	16.109	16.108	3

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

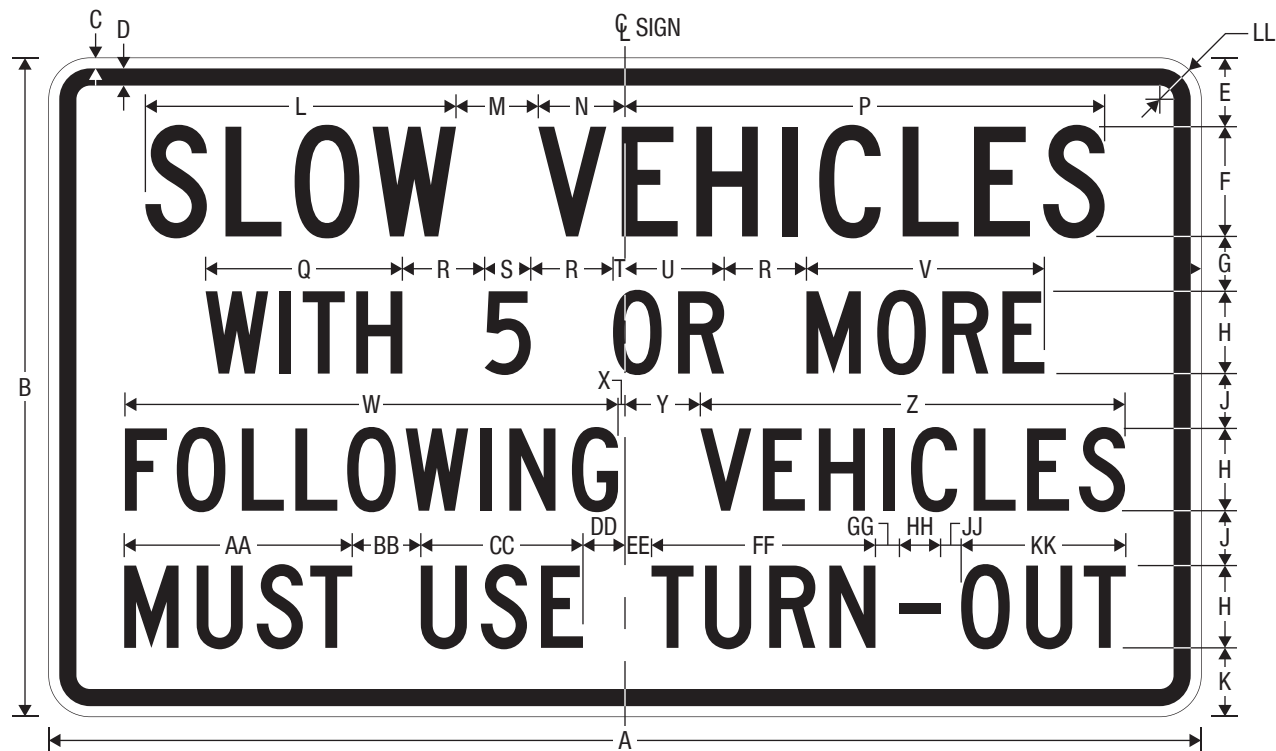


R4-10

RUNAWAY VEHICLES ONLY

A	B	C	D	E	F	G	H	J	K	L
48	0.75	1.25	10	6 D	5	18.703	18.221	18.220	10.176	3

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



R4-12

SLOW VEHICLES WITH XX OR MORE FOLLOWING VEHICLES MUST USE TURN-OUT

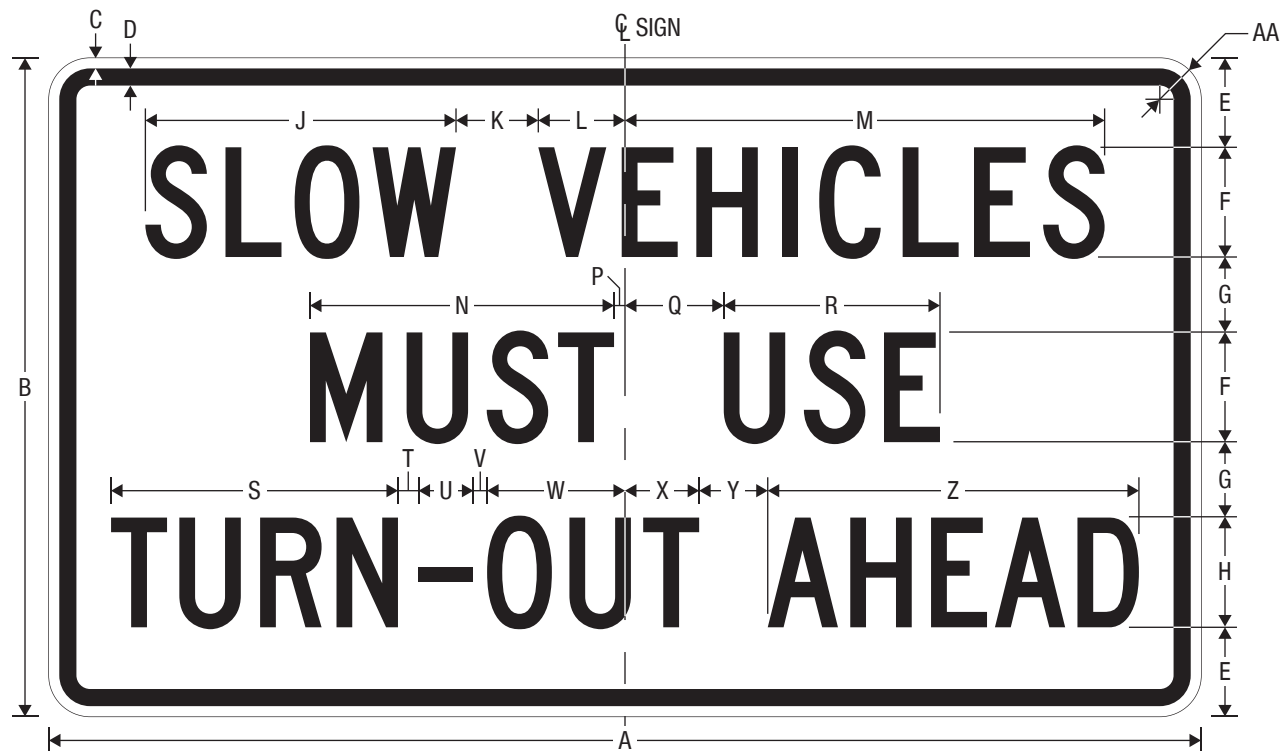
* Increase Spacing 50%.

A	B	C	D	E	F	G	H	J	K	L	M
42	24	0.5	0.625	2.5	4 C	2	3 C	2	2.5	11.325	3
72	42	0.75	1.25	5	6 C*	4	5 C	3.75	4.5	18.218	6

N	P	Q	R	S	T	U	V	W	X	Y	Z
3.161	17.486	7.173	3	VAR	0.552	3.5	8.674	17.977	0.254	2.746	15.485
5.162	29.379	11.955	4	VAR	1.226	5.527	14.456	29.961	—	4	25.809

AA	BB	CC	DD	EE	FF	GG	HH	JJ	KK	LL
8.314	2.5	5.912	1.532	0.968	8.163	0.875	1.5	0.75	6.002	1.5
13.856	4	9.854	2.824	1.176	13.605	1.75	2.5	1.5	10.004	3

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



R4-13

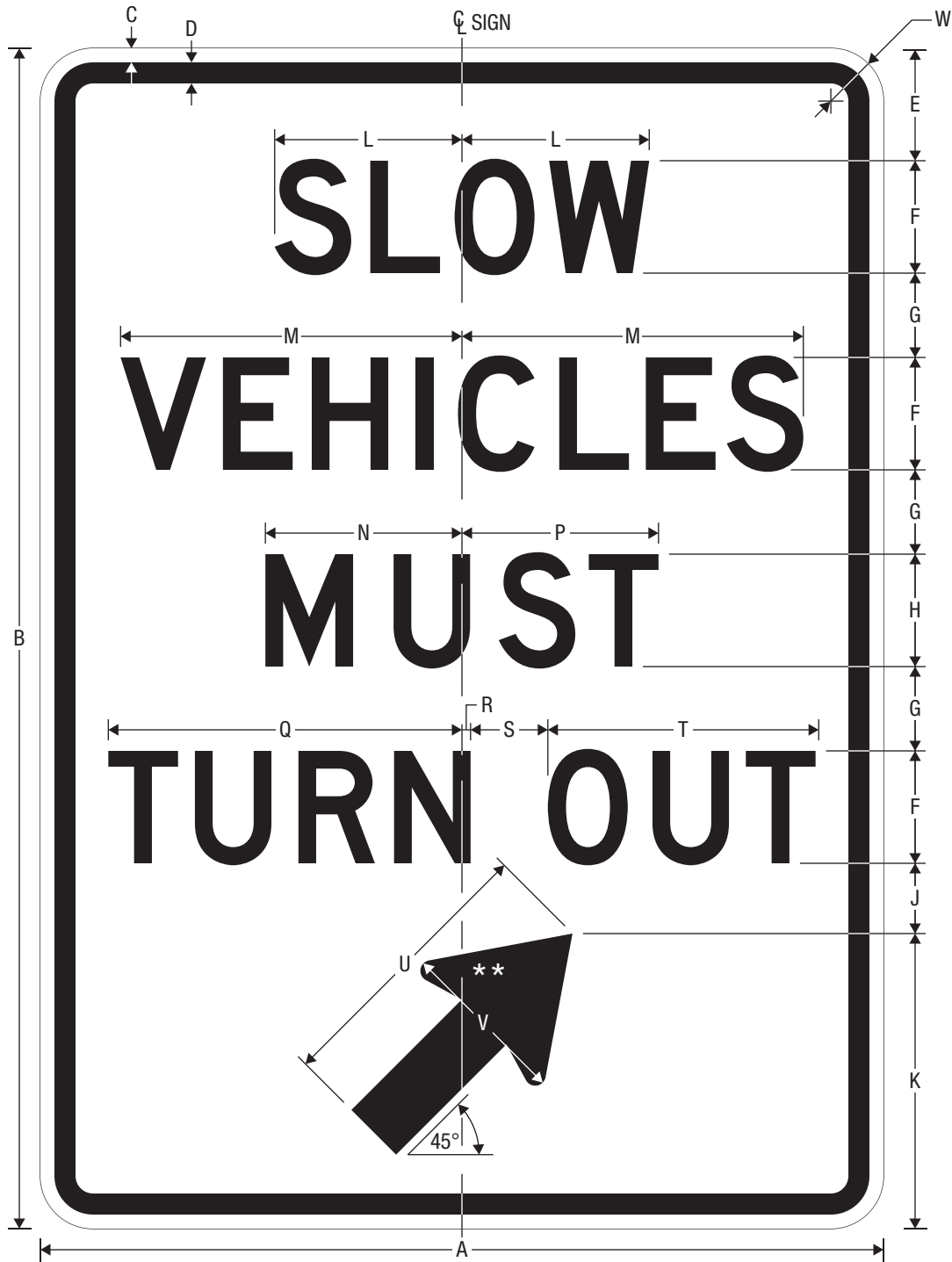
SLOW VEHICLES MUST USE TURN-OUT AHEAD

★ Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N
42	24	0.5	0.625	3.25	4 C	2.75	4 C*	11.325	3	3.161	17.486	11.085

P	Q	R	S	T	U	V	W	X	Y	Z	AA
0.399	3.601	7.883	10.460	0.75	2	0.5	5.027	2.704	2.5	13.533	1.5

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



R4-14

SLOW VEHICLES MUST TURN OUT

* Increase Spacing 50%.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
30	42	0.5	0.75	4	4 D	3	4 D*	2.5	10.5	6.664

M	N	P	Q	R	S	T	U	V	W
12.147	6.995	6.994	12.583	0.307	2.75	9.526	10	6	1.875

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



R4-16

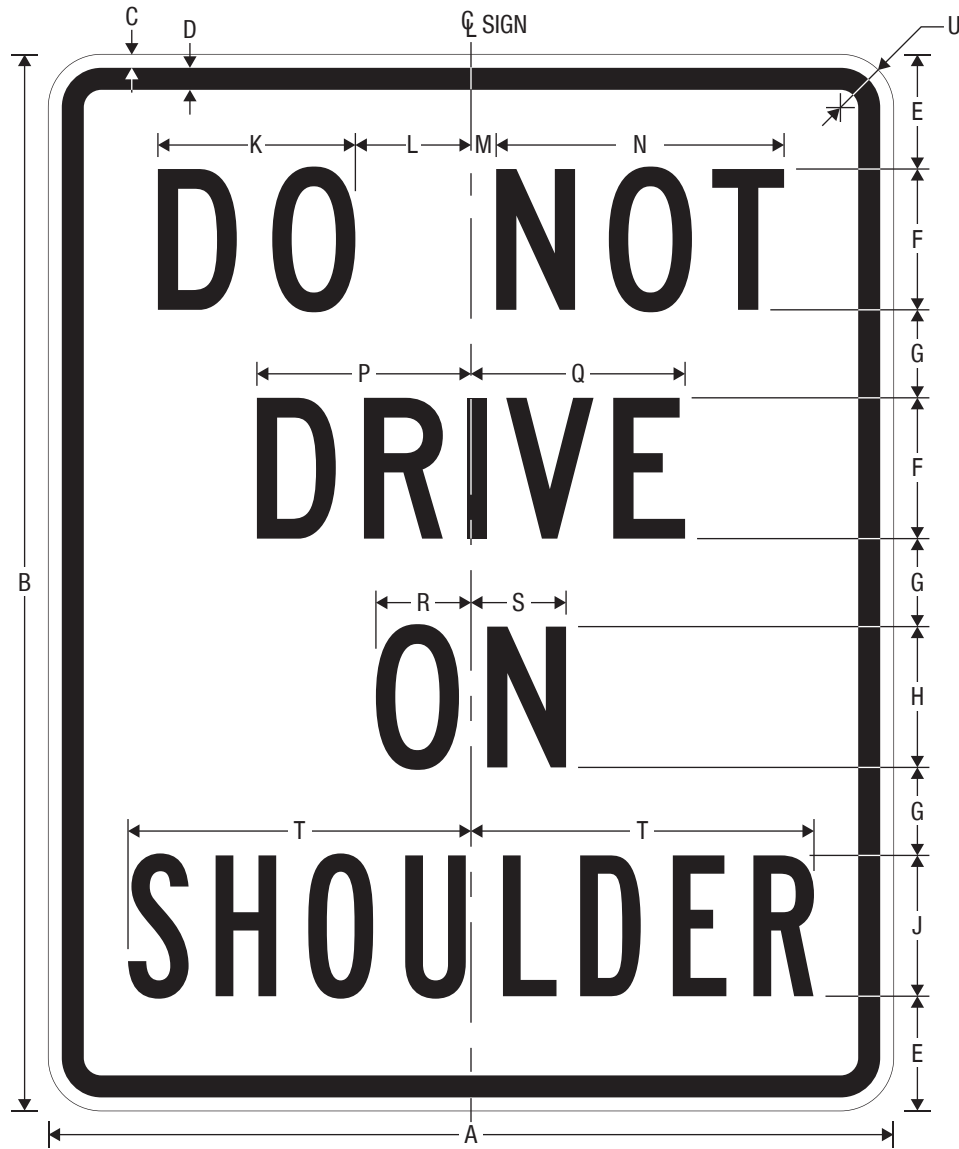
KEEP RIGHT EXCEPT TO PASS

* Increase Spacing 50%.

A	B	C	D	E	F	G	H	J	K	L
12	18	0.375	0.375	2.75	2 D*	1.5	2 C	1.5	2.75	3.387
18	24	0.375	0.625	3	3 D*	2	3 C	2	3	5.080
24	30	0.375	0.625	3.25	4 D*	2.5	4 C	2.5	3.25	6.774
36	48	0.625	0.875	4.75	8 C*	4	6 C	3	4.25	11.624
48	60	0.75	1.25	6.5	10 D	5	7 C	4	5.5	15.659

M	N	P	Q	R	S	T	U	V	W
3.387	3.963	3.962	3.942	3.941	2.441	1.5	0.680	4.622	1.5
5.080	5.944	5.944	5.913	5.912	3.662	2.25	1.021	6.932	1.5
6.773	7.925	7.925	7.883	7.883	4.882	3	1.361	9.243	1.5
11.624	13.584	13.584	11.825	11.824	7.323	4.5	2.041	13.865	2.25
15.659	17.913	17.912	13.796	13.795	8.544	5.25	2.382	16.175	3

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



R4-17

DO NOT DRIVE ON SHOULDER

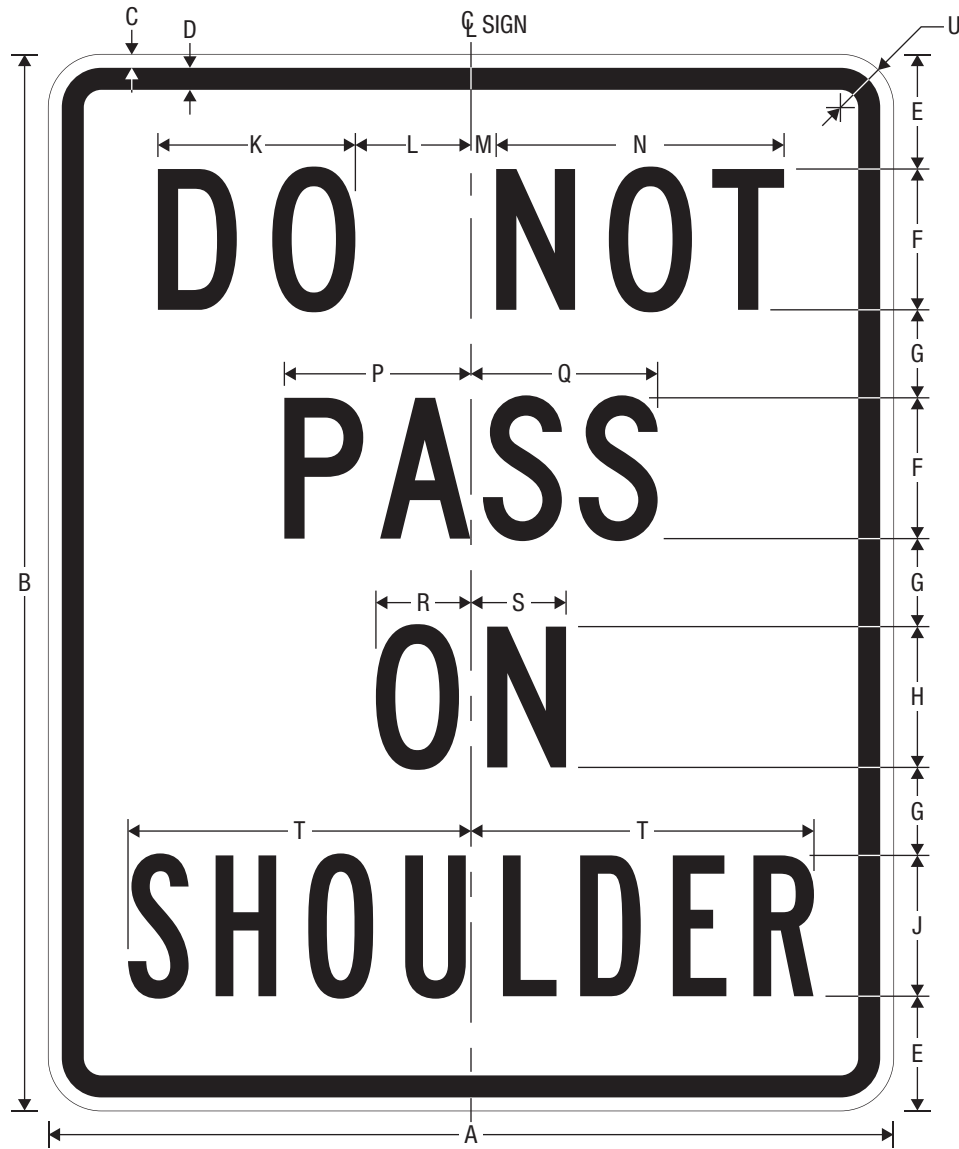
* Increase Spacing 40%.

** Increase Spacing 20%.

A	B	C	D	E	F	G	H	J	K
18	24	0.375	0.625	3	3 C	2	3 C	3 B**	4.208*
24	30	0.375	0.625	3.25	4 C	2.5	4 C	4 B**	5.610*
36	48	0.625	0.875	6	6 C	4	6 C	6 B**	8.415*
48	60	0.75	1.25	7.5	8 C	5	7 C	7 C	11.220*

L	M	N	P	Q	R	S	T	U
2.463	0.537	6.134**	4.562	4.561	2.026	2.026	7.308	1.5
3.284	0.716	8.179**	6.082	6.082	2.701	2.701	9.744	1.5
4.927	1.073	12.269**	9.123	9.123	4.052	4.051	14.616	2.25
6.069	0.931	16.358**	12.164	12.164	4.727	4.727	19.992	3

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



R4-18
DO NOT PASS ON SHOULDER

* Increase Spacing 40%.

** Increase Spacing 20%.

A	B	C	D	E	F	G	H	J	K
18	24	0.375	0.625	3	3 C	2	3 C	3 B**	4.208*
24	30	0.375	0.625	3.25	4 C	2.5	4 C	4 B**	5.610*
36	48	0.625	0.875	6	6 C	4	6 C	6 B**	8.415*
48	60	0.75	1.25	7.5	8 C	5	7 C	7 C	11.220*

L	M	N	P	Q	R	S	T	U
2.463	0.537	6.134**	3.977	3.976	2.026	2.026	7.308	1.5
3.284	0.716	8.179**	5.302	5.302	2.701	2.701	9.744	1.5
4.927	1.073	12.269**	7.953	7.953	4.052	4.051	14.616	2.25
6.069	0.931	16.358**	10.604	10.604	4.727	4.727	19.992	3

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



R4-19

BICYCLE PASSING CLEARANCE

* See page 8-4 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M
30	0.5	0.75	2.75	3.5 D	2.125	3.5 C	7.5	2.875	VAR	VAR	2.5

N	P	Q	R	S	T	U	V	W	X	Y	Z
4.552	0.202	2.298	7.354	10.942	10.941	4.272	1.254	8.025	6.563	6.562	1.875

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



R4-20R

ALL TRAFFIC

* Increase Spacing 20%.

** Reduce Spacing 20%.

*** See page 7-3 for arrow design.

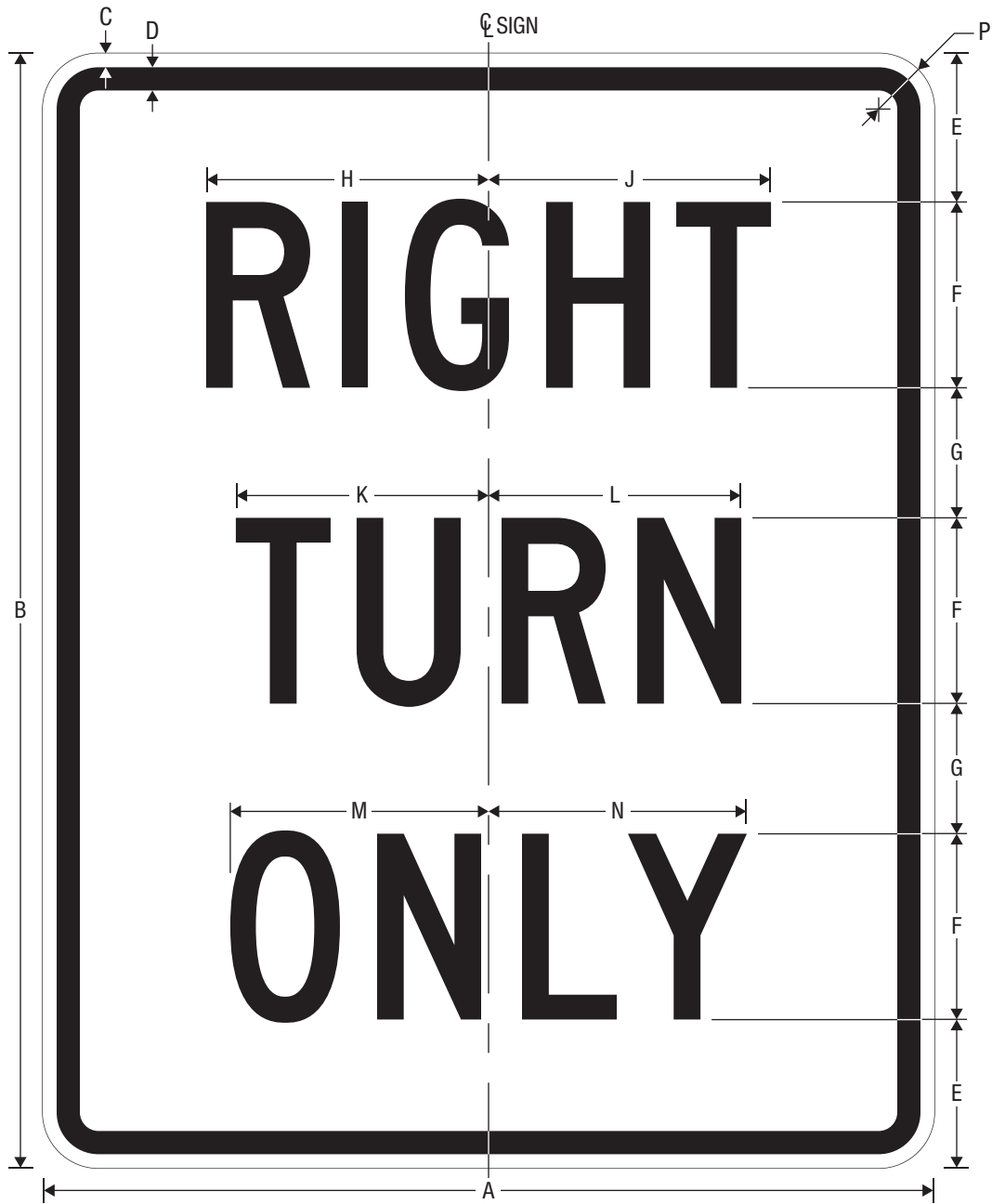


R4-20L

A	B	C	D	E	F	G	H
24	30	0.375	0.625	4.25	5 C*	3.75	5 C**
36	48	0.625	0.875	6.25	7.5 C*	6.125	7.5 C**
48	60	0.75	1.25	8.5	10 C*	7.5	10 C**

J	K	L	M	N	P	Q	R
2.75	6.5	2.75	4.992	10.279	10.279	6	1.5
5.125	9.75	5.75	7.488	15.418	15.418	9	2.25
5.5	13	5.5	9.984	20.558	20.557	12	3

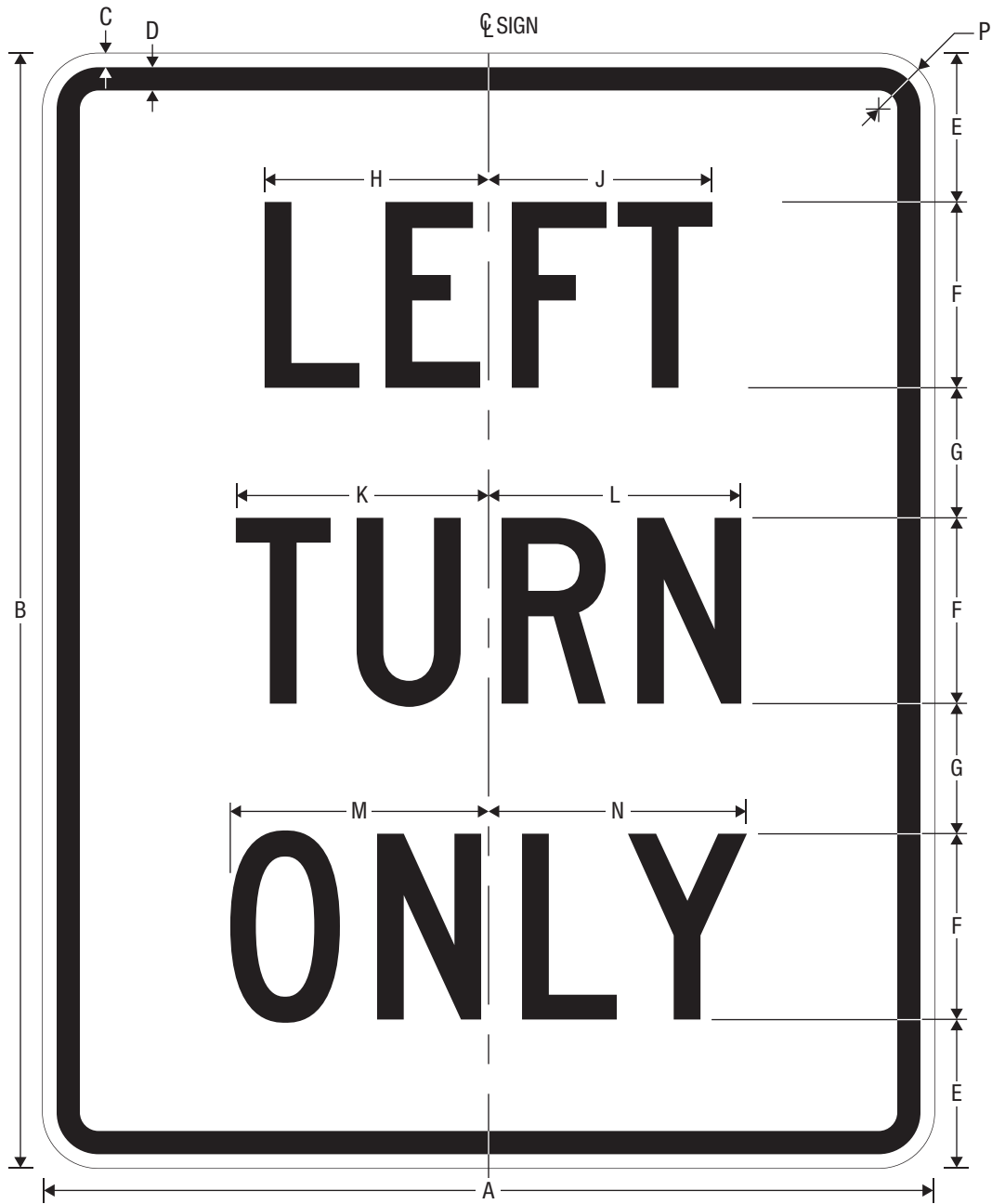
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R4-21R
RIGHT TURN ONLY

A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	30	0.375	0.625	4	5 C	3.5	7.603	7.602	6.803	6.802	6.953	6.952	1.5

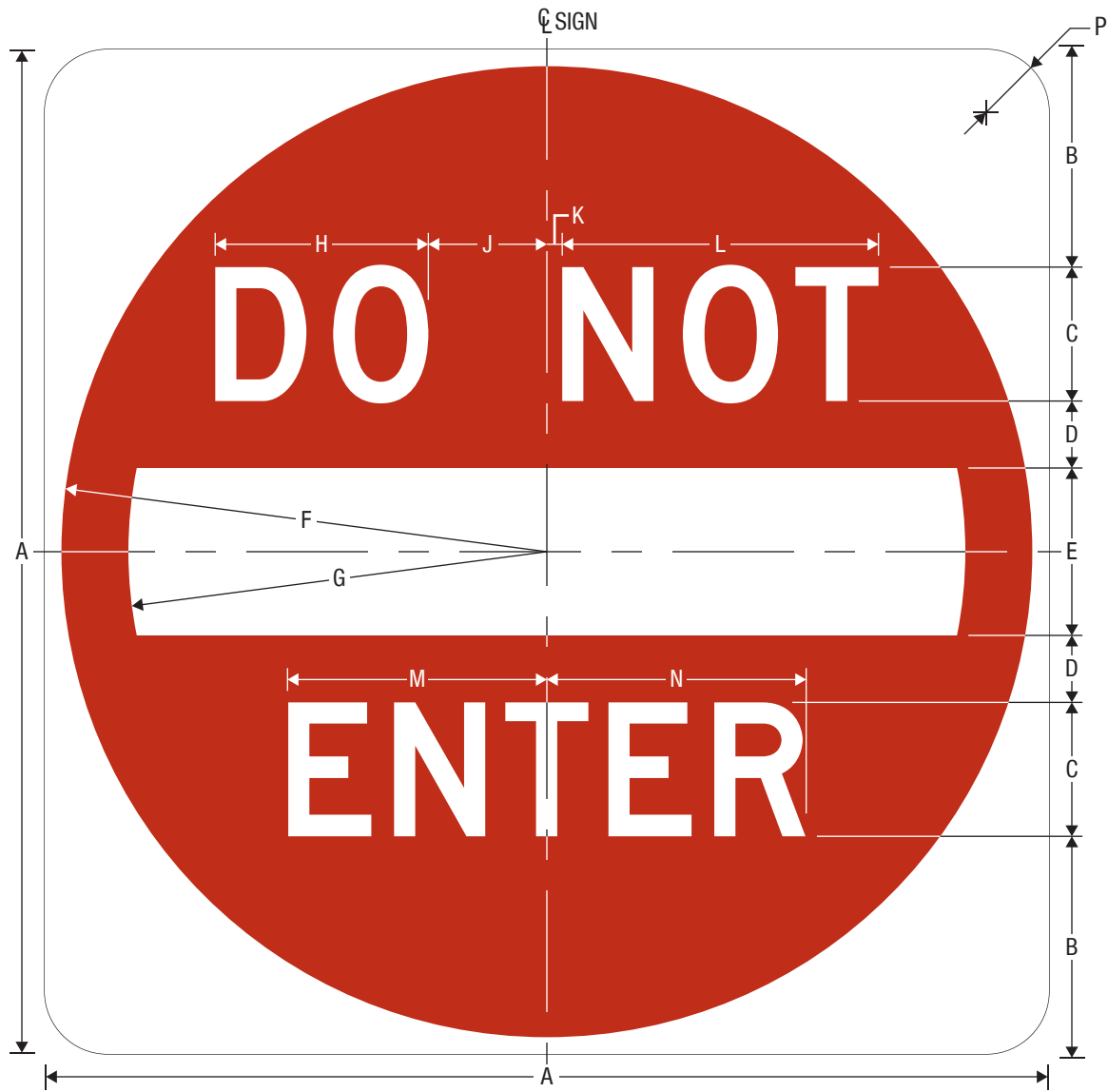
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R4-21L
LEFT TURN ONLY

A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	30	0.375	0.625	4	5 C	3.5	6.028	6.027	6.803	6.802	6.953	6.952	1.5

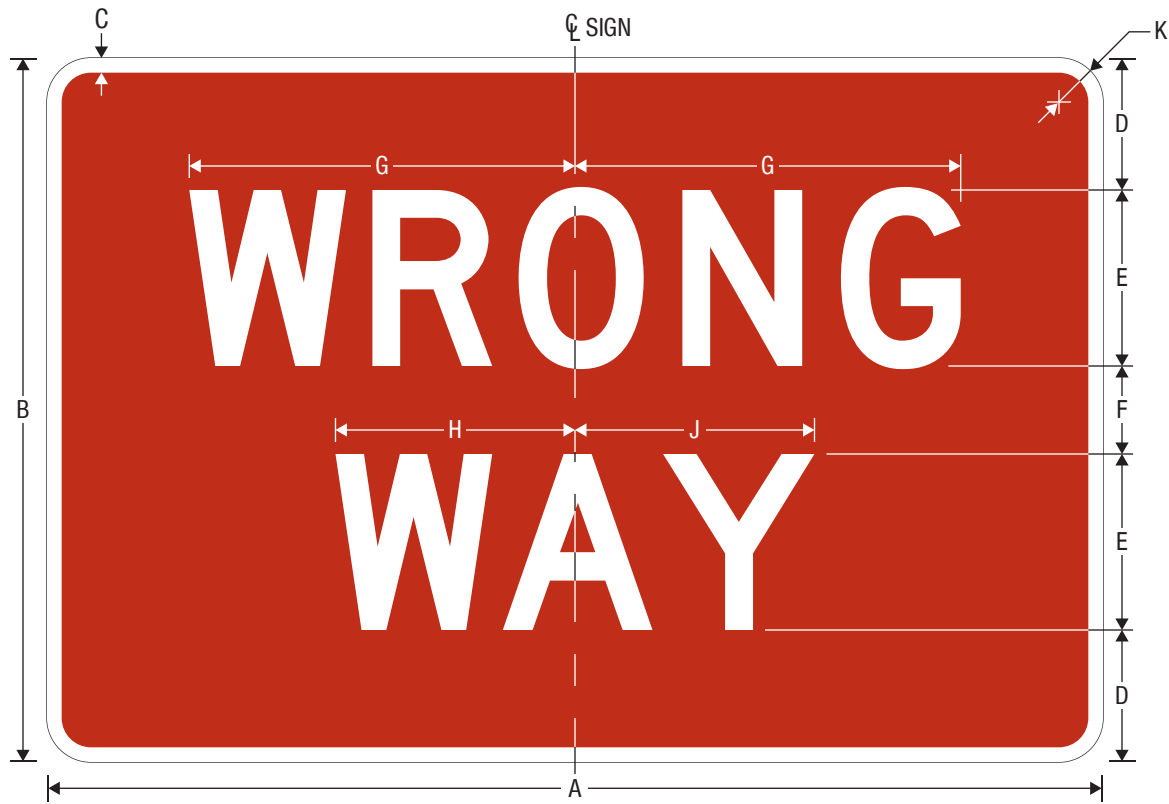
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R5-1
DO NOT ENTER

A	B	C	D	E	F	G	H	J	K	L	M	N	P
30	6.5	4 D	2	5	14.5	12.5	6.365	3.541	0.459	9.446	7.725	7.724	1.875
36	7.5	5 D	2.5	6	17.5	15	7.956	4.426	0.574	11.808	9.656	9.655	2.25
48	11	6 D	3	8	23.5	20	9.548	5.311	0.689	14.169	11.587	11.587	3

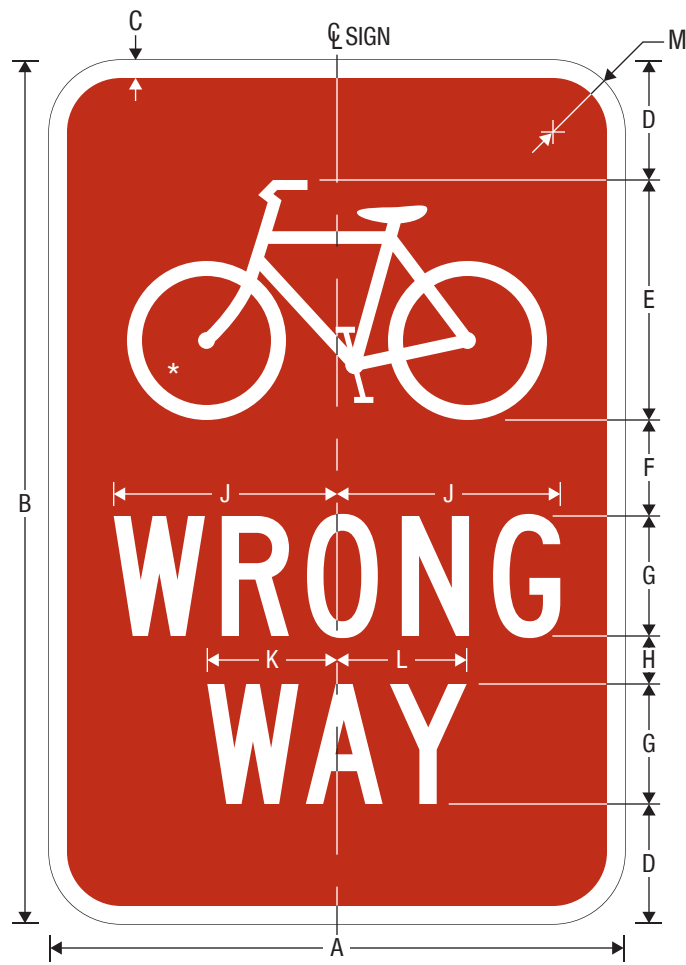
COLORS: INNER BACKGROUND — RED (RETROREFLECTIVE)
LEGEND, OUTER BACKGROUND — WHITE (RETROREFLECTIVE)
NO BORDER



R5-1a
WRONG WAY

A	B	C	D	E	F	G	H	J	K
30	18	0.5	3	5 D	2	10.958	6.804	6.804	1.5
36	24	0.5	4.5	6 D	3	13.150	8.165	8.164	1.5
42	30	0.75	5	8 D	4	17.533	10.886	10.886	1.875

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — RED (RETROREFLECTIVE)



R5-1b
BICYCLE WRONG WAY

* See page 8-4 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M
12	18	0.375	2.5	5	2	2.5 C	1	4.652	2.702	2.701	1.5

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — RED (RETROREFLECTIVE)

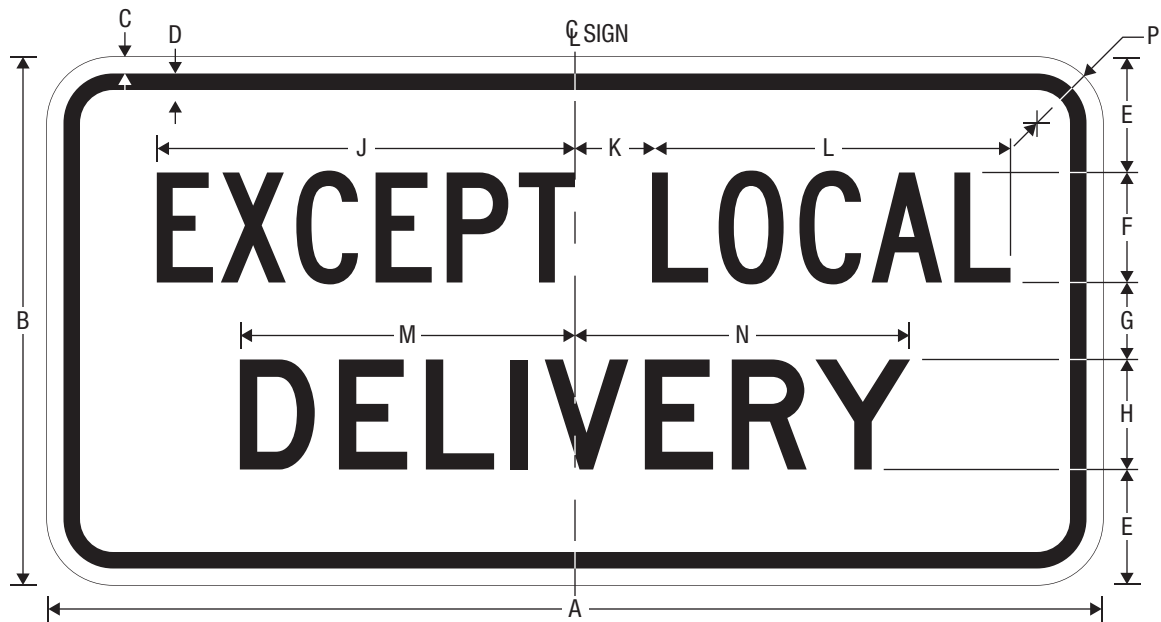


R5-2
NO TRUCKS

*See page 8-1 for symbol design.

A	B	C	D	E	F	G	H	J	K	L
24	0.375	0.625	1.5	6.25	7.625	7.125	7.404	6.5	2	1.5
30	0.5	0.75	1.875	7.875	9.5	8.875	9.298	8.027	2.5	1.875
36	0.625	0.875	2.25	9.5	11.5	10.75	11.258	9.758	3	2.25

COLORS: SYMBOL, BORDER — BLACK
CIRCLE, DIAGONAL — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)

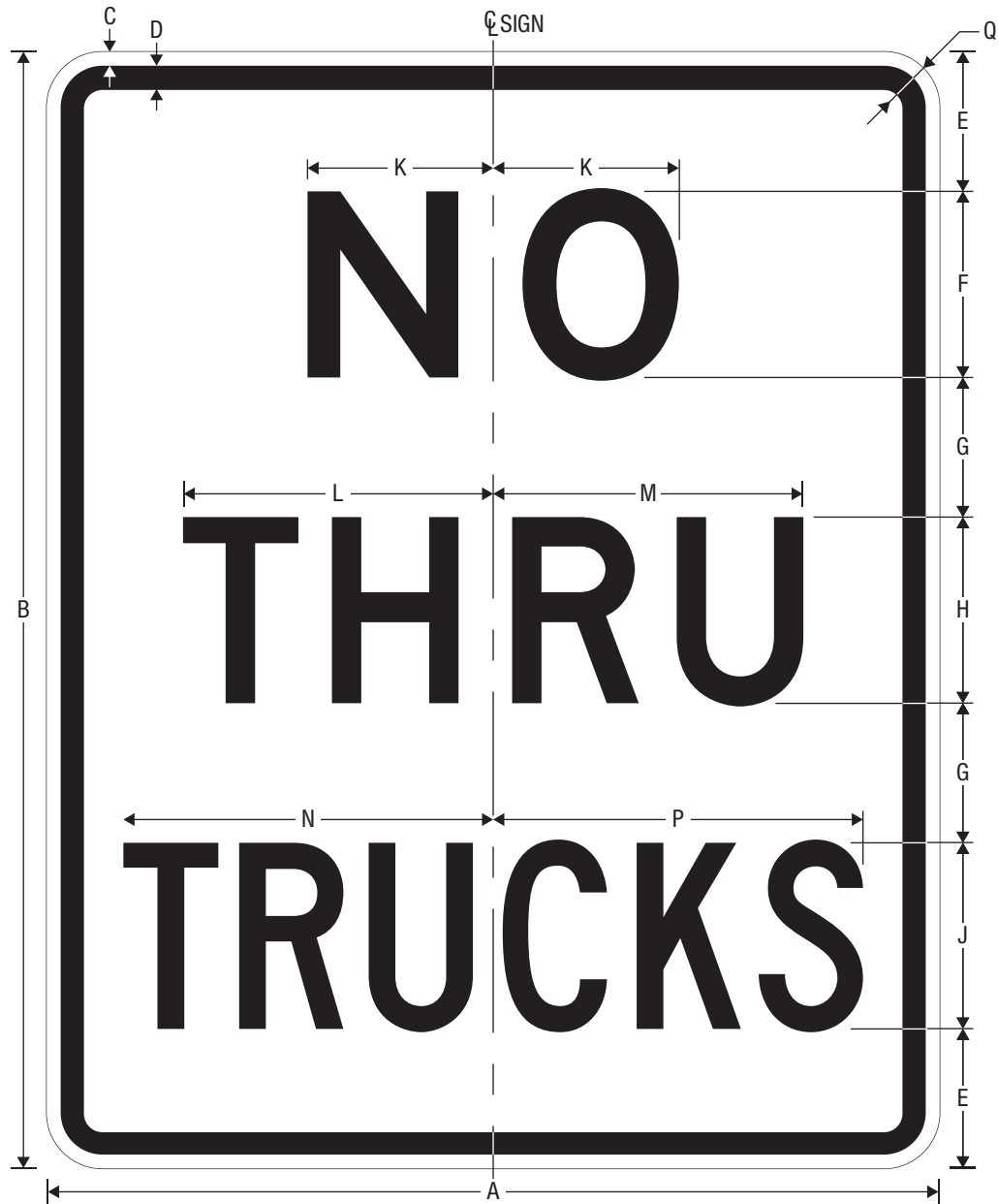


R5-2aP
EXCEPT LOCAL DELIVERY (PLAQUE)

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	12	0.375	0.375	2.625	2.5 C*	1.75	2.5 D	9.504	1.75	8.148	7.617	7.616	1.5
30	15	0.375	0.5	3.125	3.25 C*	2.25	3.25 D	12.355	2.25	10.593	9.902	9.901	1.5
36	18	0.375	0.625	3.625	4 C*	2.75	4 D	15.206	2.375	13.037	12.187	12.186	1.5

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



R5-2b
NO THRU TRUCKS

* Increase Spacing 50%.
** Increase Spacing 20%.
*** Reduce Spacing 20%.

A	B	C	D	E	F	G	H
24	30	0.375	0.625	3.75	5 E*	3.75	5 D**
30	36	0.5	0.75	4.5	6 E*	4.5	6 D**
36	48	0.625	0.875	7.25	7 E*	6.25	7 D**

J	K	L	M	N	P	Q
5 C***	4.990	8.337	8.336	9.939	9.939	1.5
6 C	5.988	10.004	10.003	12.425	12.424	1.875
7 C	6.986	11.671	11.671	14.496	14.495	2.25

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



R5-3
NO MOTOR VEHICLES

* Increase Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	0.375	0.625	3.5	4 D*	2.5	4 C	4 B	3.311	3.310	7.103	8.344	8.343	1.5

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



R5-4

NO COMMERCIAL VEHICLES

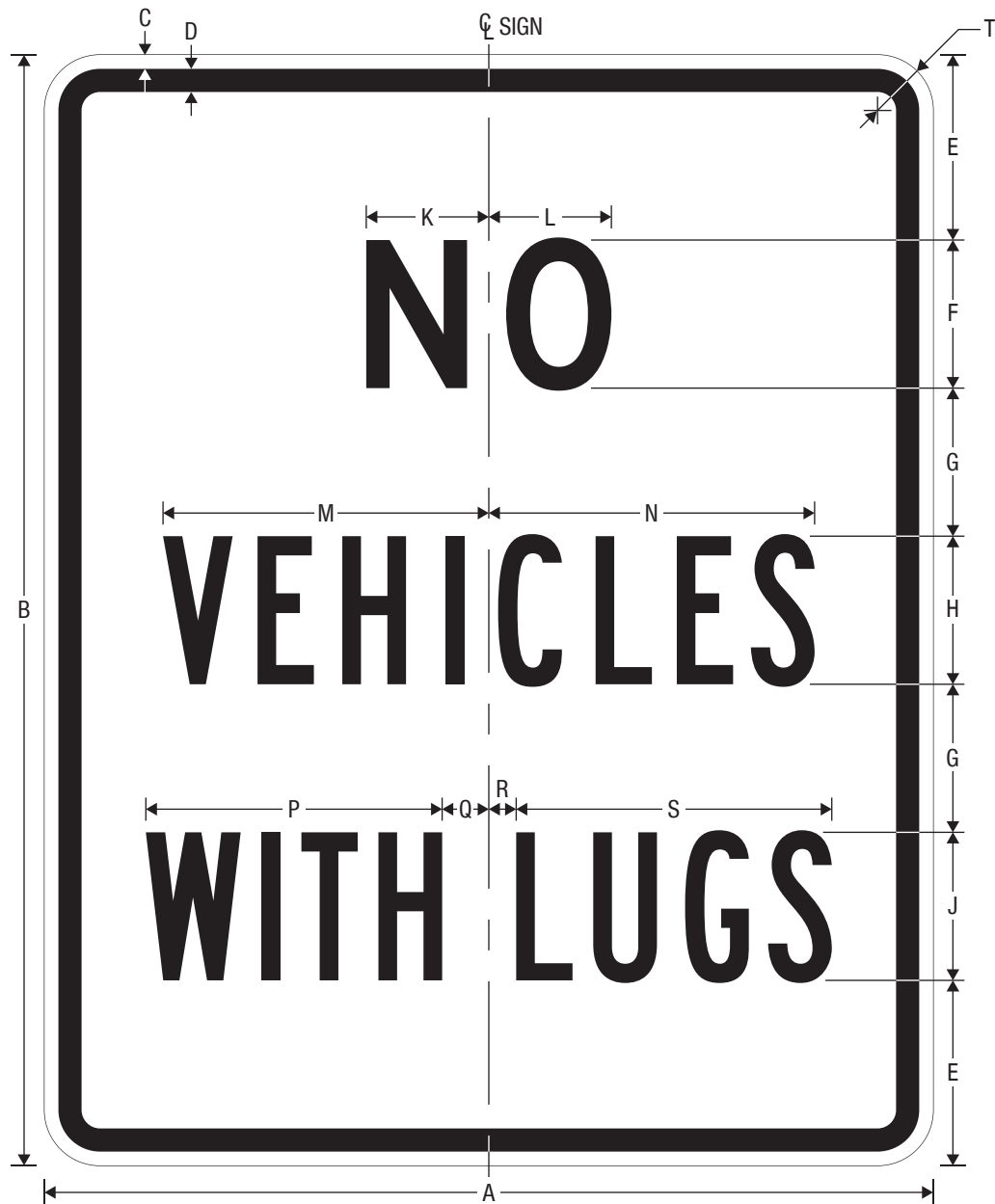
* Reduce Spacing 50%.

** Increase Spacing 20%.

A	B	C	D	E	F	G	H
24	30	0.375	0.625	5	4 D**	4	4 B*
36	48	0.625	0.875	9	6 D**	6	6 B*

J	K	L	M	N	P	Q	R
4 B**	3.311	3.310	9.875	9.874	8.800	8.799	1.5
6 B**	4.966	4.966	14.812	14.812	13.200	13.199	2.25

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



R5-5

NO VEHICLES WITH LUGS

* Increase Spacing 20%.

A	B	C	D	E	F	G	H	J
24	30	0.375	0.625	5	4 D*	4	4 B*	4 B
36	48	0.625	0.875	9	6 D*	6	6 B*	6 B
48	60	0.75	1.25	10	8 D*	8	8 B*	8 B

K	L	M	N	P	Q	R	S	T
3.311	3.310	8.800	8.799	8.003	1.261	0.739	8.524	1.5
4.966	4.966	13.200	13.199	12.005	1.891	1.109	12.786	2.25
6.621	6.621	17.599	17.599	16.006	2.521	1.479	17.048	3

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

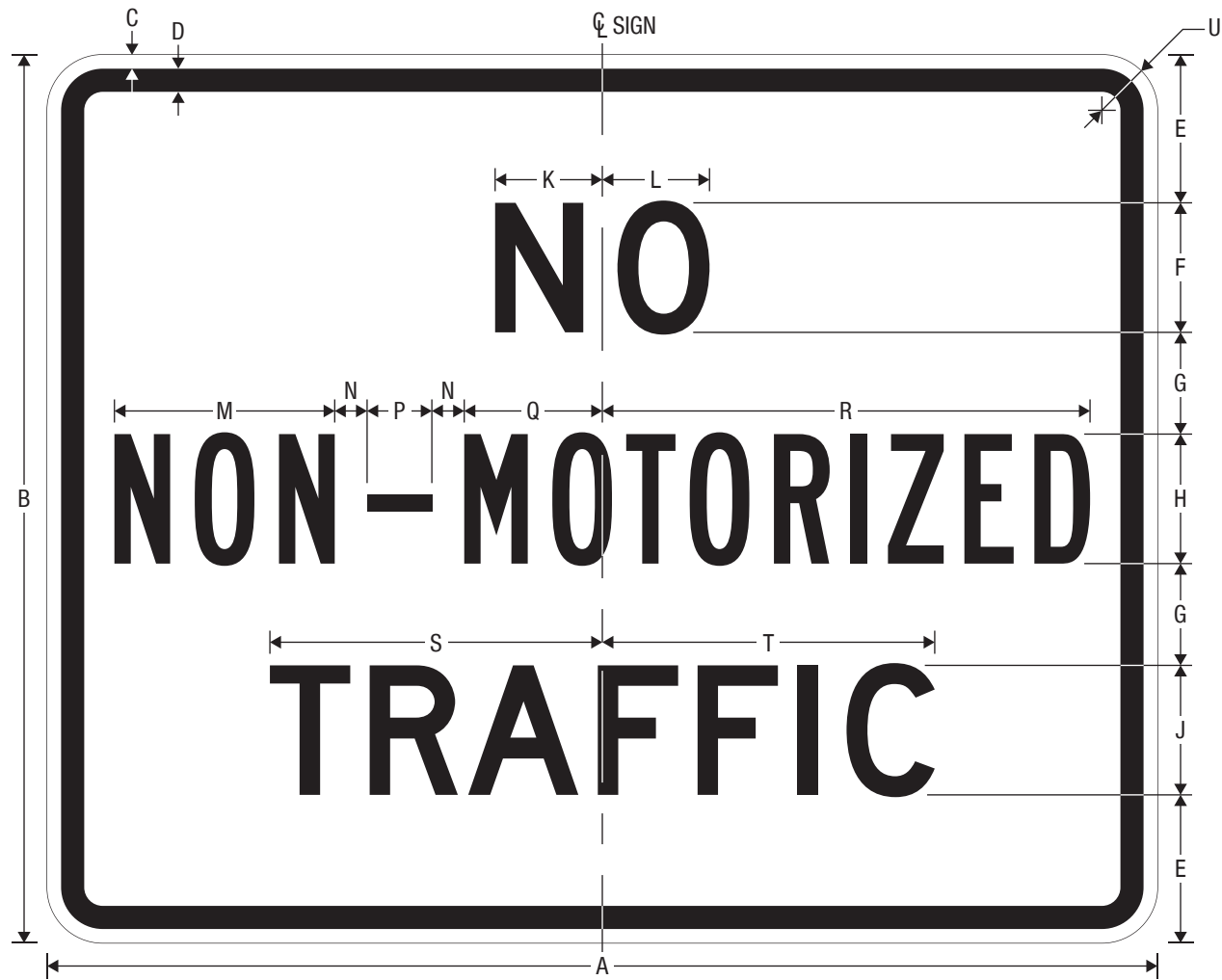


R5-6
NO BICYCLES

*See page 8-4 for symbol design.

A	B	C	D	E	F	G	H	J	K	L
18	0.375	0.625	1.125	4.563	6.5	4.687	5.688	5.687	1.5	1.5
24	0.375	0.625	1.5	6.083	8.667	6.25	7.657	7.657	2	1.5
30	0.5	0.75	1.875	7.604	10.833	7.813	9.188	9.188	2.5	1.875
36	0.625	0.875	2.25	9.125	13	9.375	10.938	10.937	3	2.25
48	0.75	1.25	3	12.167	17.333	12.5	16.657	16.656	4	3

COLORS: SYMBOL, BORDER — BLACK
CIRCLE, DIAGONAL — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R5-7

NO NON-MOTORIZED TRAFFIC

* Increase Spacing 20%.

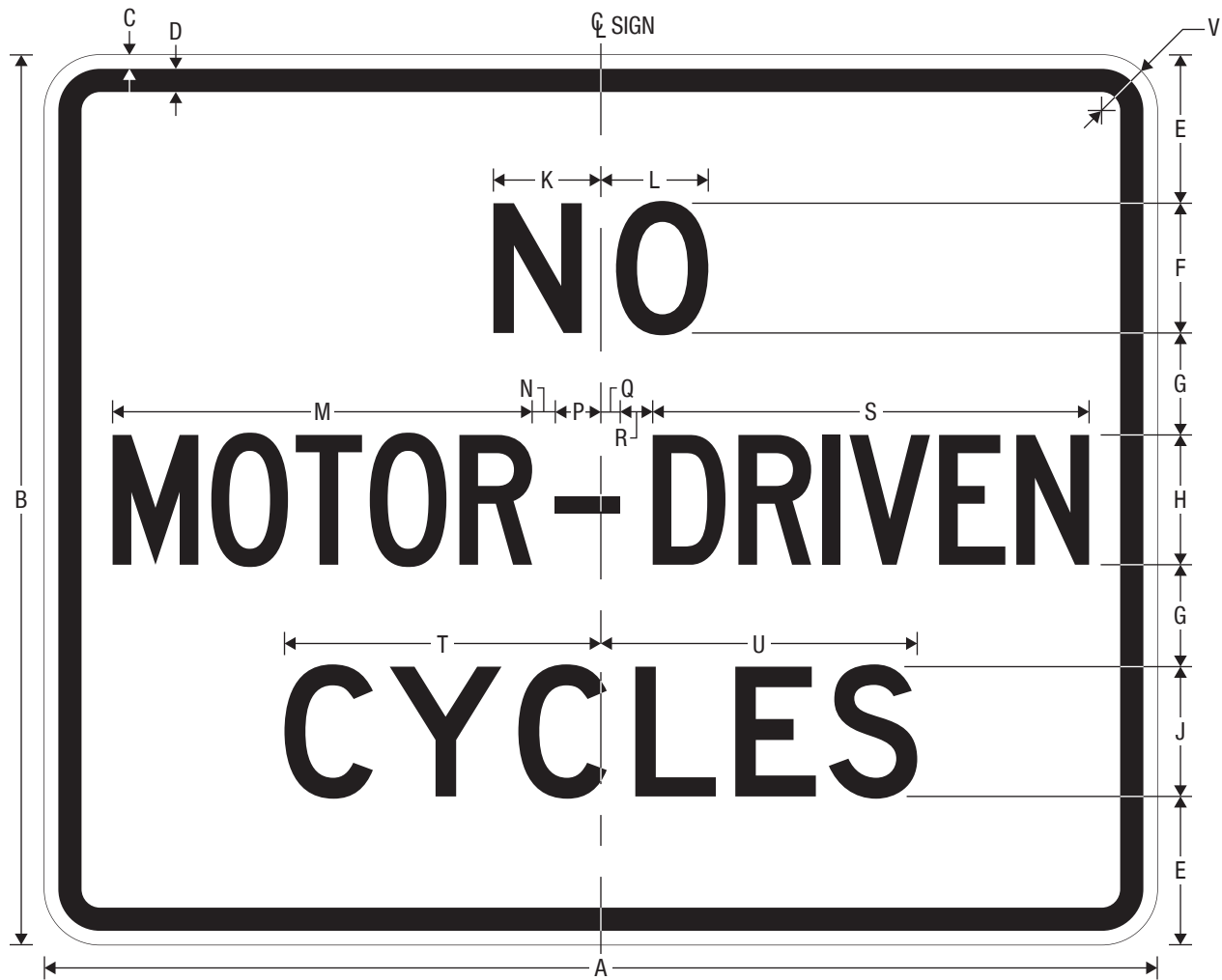
** Reduce Spacing 20%.

*** Reduce Spacing 40%.

A	B	C	D	E	F	G	H	J	K
30	24	0.375	0.625	4	3.5 D*	2.75	3.5 B	3.5 D	2.897
42	24	0.5	0.625	3	4 D*	3	4 C**	4 D	3.311
48	30	0.625	0.75	3.75	5 D*	3.75	5 C***	5 D	4.138

L	M	N	P	Q	R	S	T	U
2.896	5.953	0.875	1.75	3.730	13.182	8.983	8.982	1.5
3.310	8.123	2	2	4.415	18.538	10.266	10.265	1.5
4.138	9.754	2	2.5	5.559	21.812	12.832	12.832	1.875

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



R5-8
NO MOTOR-DRIVEN CYCLES

- * Increase Spacing 20%.
- ** Reduce Spacing 20%.
- *** Reduce Spacing 50%.

A	B	C	D	E	F	G	H	J	K
30	24	0.375	0.625	4	3.5 D*	2.75	3.5 C***	3.5 D	2.897
42	24	0.5	0.625	3	4 D*	3	4 C	4 D	3.311
48	30	0.625	0.75	3.75	5 D*	3.75	5 C**	5 D	4.138

L	M	N	P	Q	R	S	T	U	V
2.896	11.310	0.625	1.227	0.523	0.875	11.764	8.528	8.528	1.5
3.310	14.206	2	1.440	0.560	2	15.085	9.747	9.746	1.5
4.138	17.118	2.5	1.709	0.791	2.5	18.036	12.183	12.183	1.875

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



R5-10

NO PEDESTRIANS, BICYCLES,
MOTOR-DRIVEN CYCLES

* Increase Spacing 50%.

** Reduce Spacing 50%.

A	B	C	D	E	F	G	H	J	K	L
30	36	0.5	0.75	3.75	3.5 E*	2.75	3.5 C	3.5 C**	3.493	12.622
M	N	P	Q	R	S	T	U	V	W	X
8.946	8.945	11.310	0.625	1.227	0.523	0.875	11.764	7.073	7.072	1.875

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



R5-10a

NO PEDESTRIANS, BICYCLES,
MOTOR-DRIVEN CYCLES ON FREEWAY

* Increase Spacing 50%.
** Reduce Spacing 50%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
30	36	0.5	0.75	3	3.5 E*	2.25	3.5 C	3.5 C**	1.75	2 D*	2.75	3.493	12.622	8.946

R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE
8.945	11.310	0.375	1.165	0.585	0.5	11.764	7.073	7.072	3.443	2	3.457	8.899	1.875

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

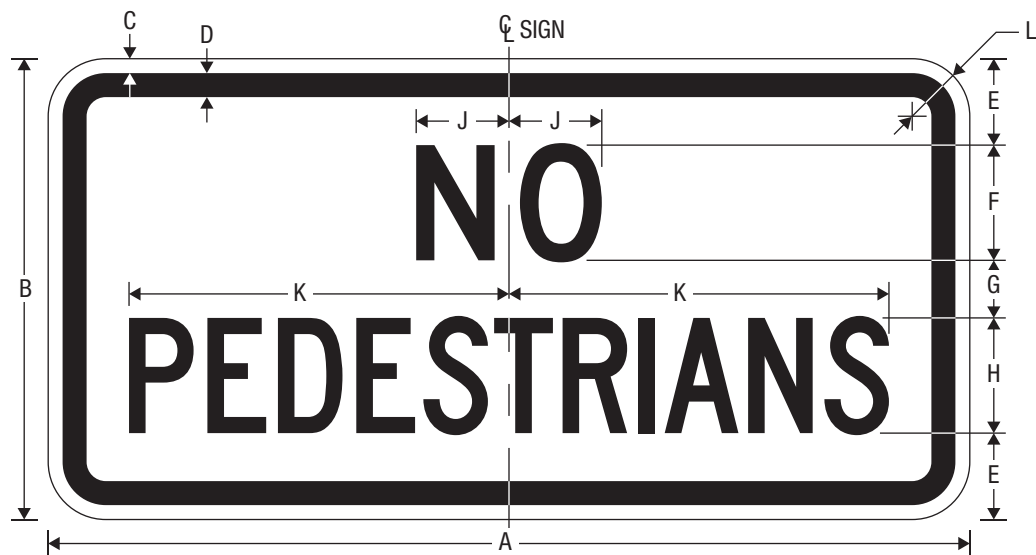


R5-10b
NO PEDESTRIANS OR BICYCLES

* Increase Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
30	18	0.375	0.625	2.75	3 D*	1.75	3 C	2.483	10.819	4.052	2.25	4.517	10.818	1.5

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

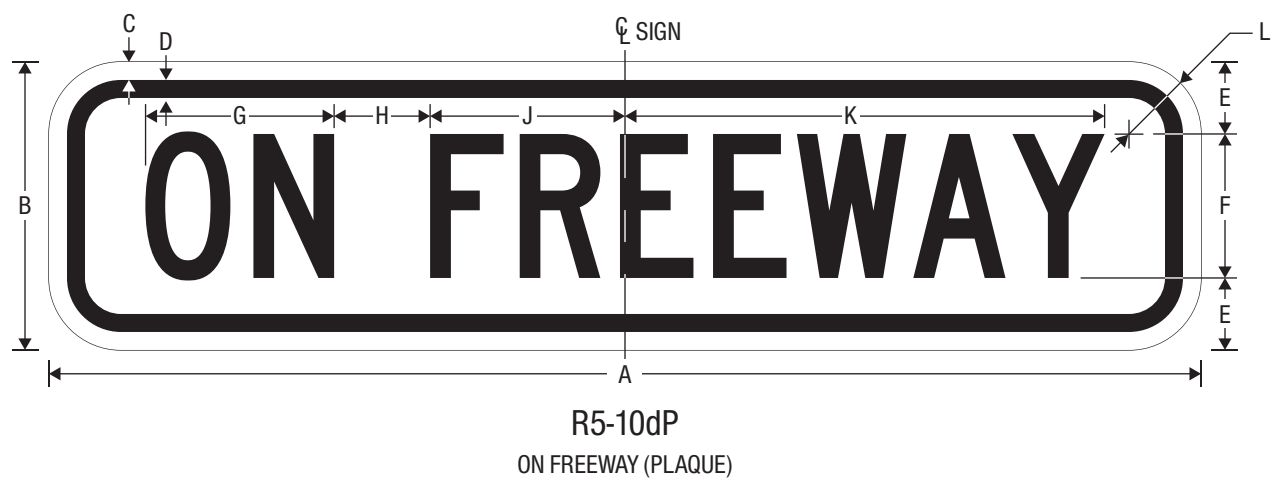


R5-10c
NO PEDESTRIANS

* Reduce Spacing 40%.

A	B	C	D	E	F	G	H	J	K	L
24	12	0.375	0.625	2.25	3 D	1.5	3 C*	2.417	9.895	1.5

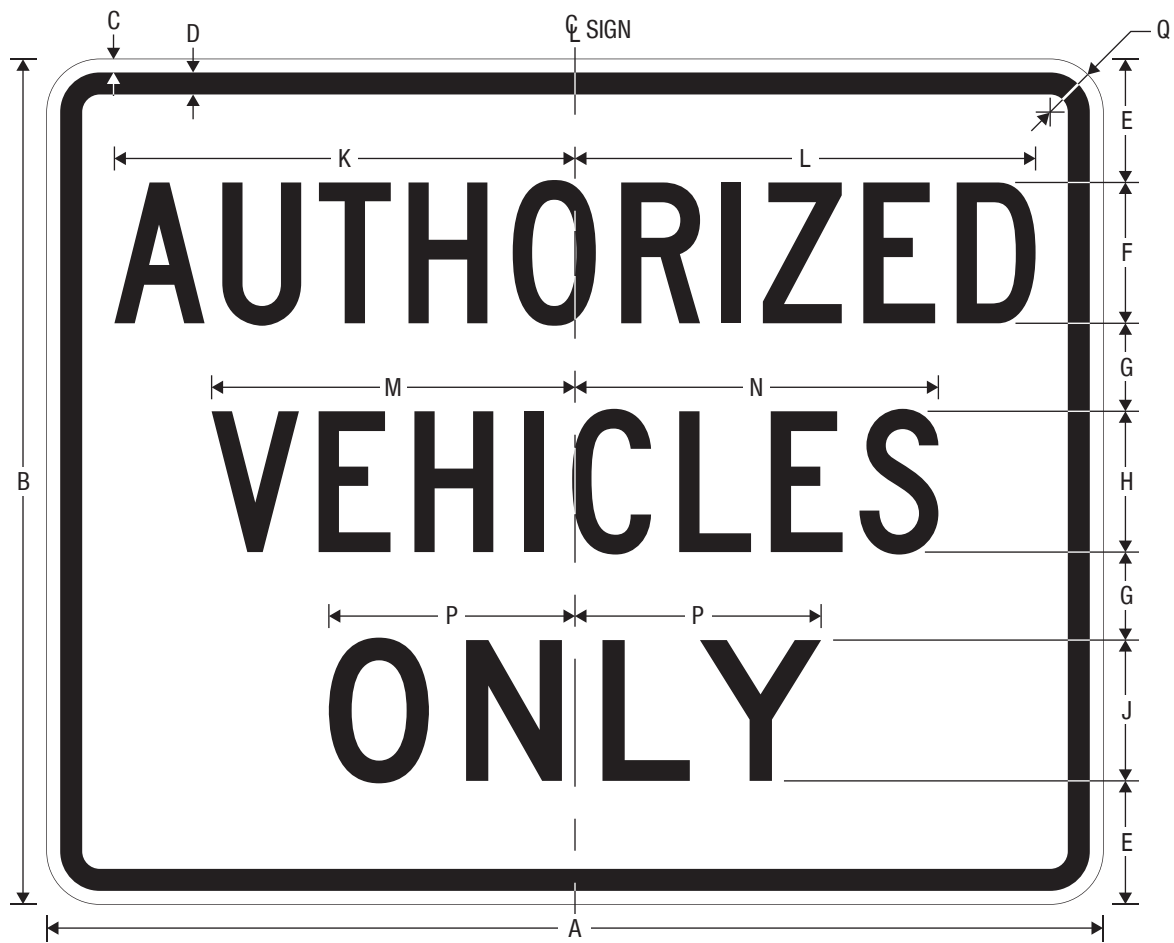
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L
24	6	0.375	0.375	1.5	3 C*	3.932	2	4.060	9.992	1.5
30	9	0.375	0.625	2.625	3.75 C*	4.914	2.5	5.076	12.489	1.5

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



R5-11

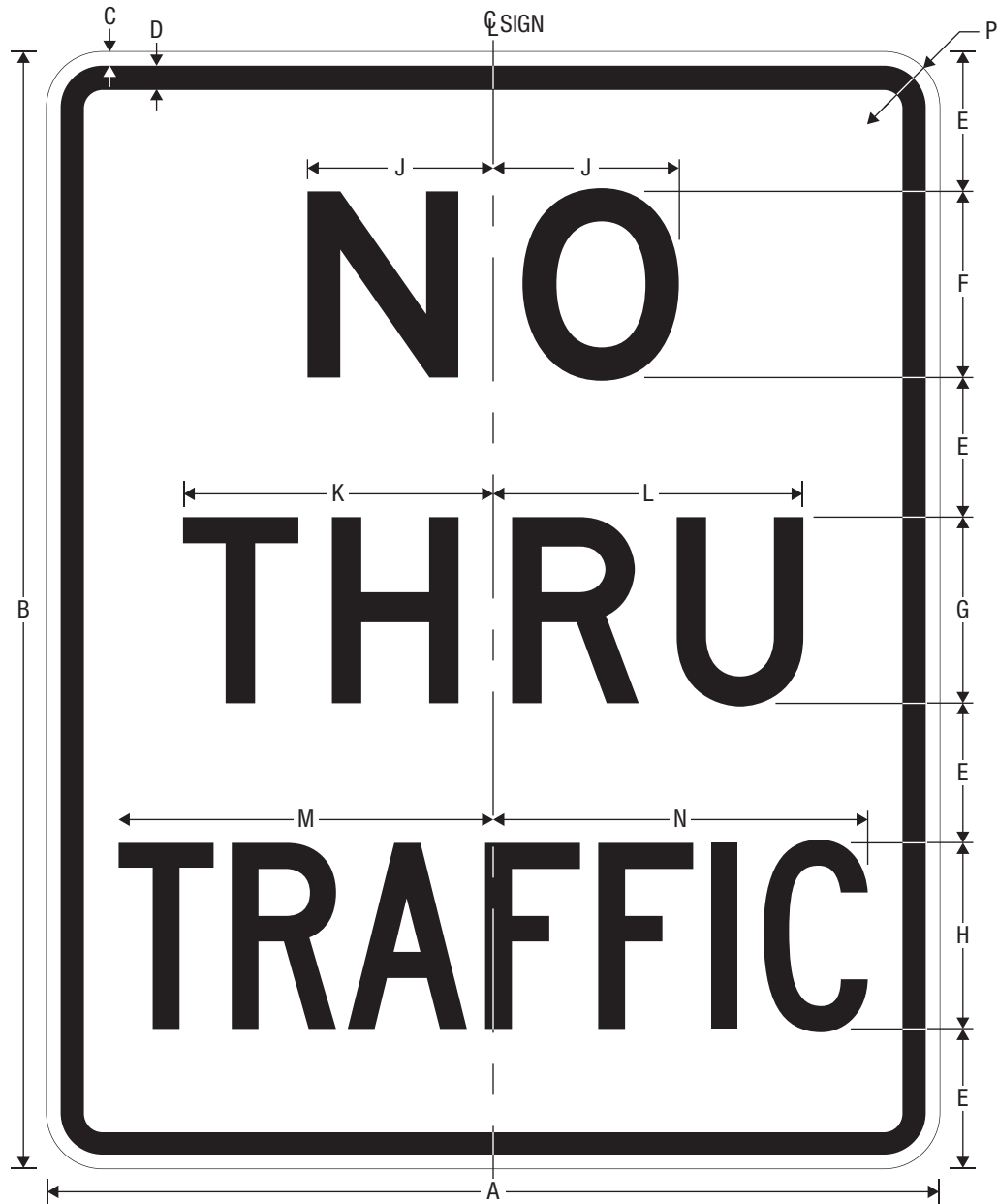
AUTHORIZED VEHICLES ONLY

* Reduce Spacing 10%.

** Increase Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
30	24	0.375	0.625	3.5	4 C*	2.5	4 C	4 D**	13.085	13.084	10.324	10.323	6.992	1.5

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



R5-12

NO THRU TRAFFIC

* Increase Spacing 50%.

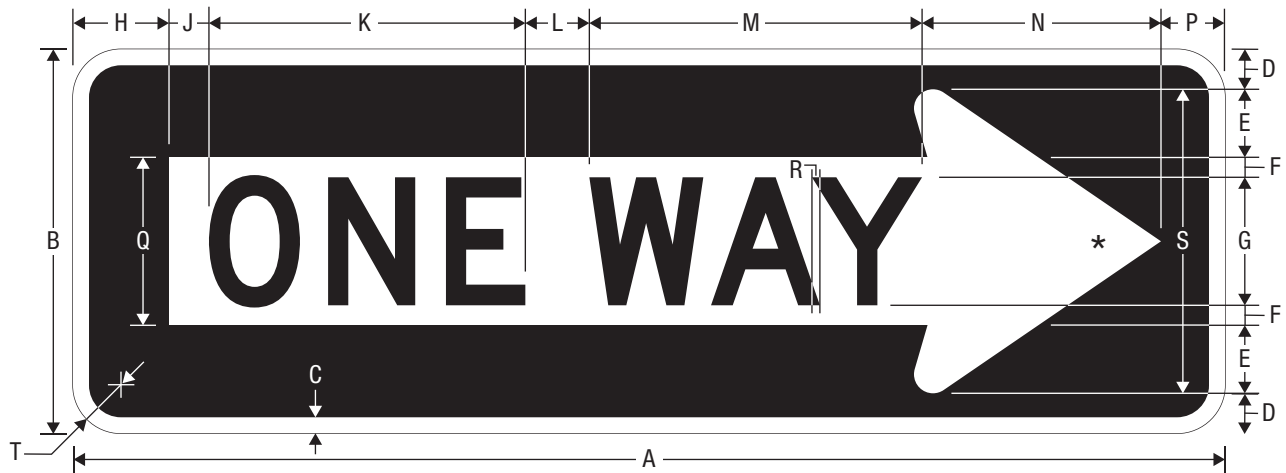
** Increase Spacing 20%.

*** Reduce Spacing 30%.

A	B	C	D	E	F	G
24	30	0.375	0.625	3.75	5 E*	5 D**
30	36	0.5	0.75	4.5	6 E*	6 D**

H	J	K	L	M	N	P
5 C***	4.990	8.337	8.336	10.067	10.066	1.5
6 C	5.988	10.004	10.003	12.845	12.844	1.875

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



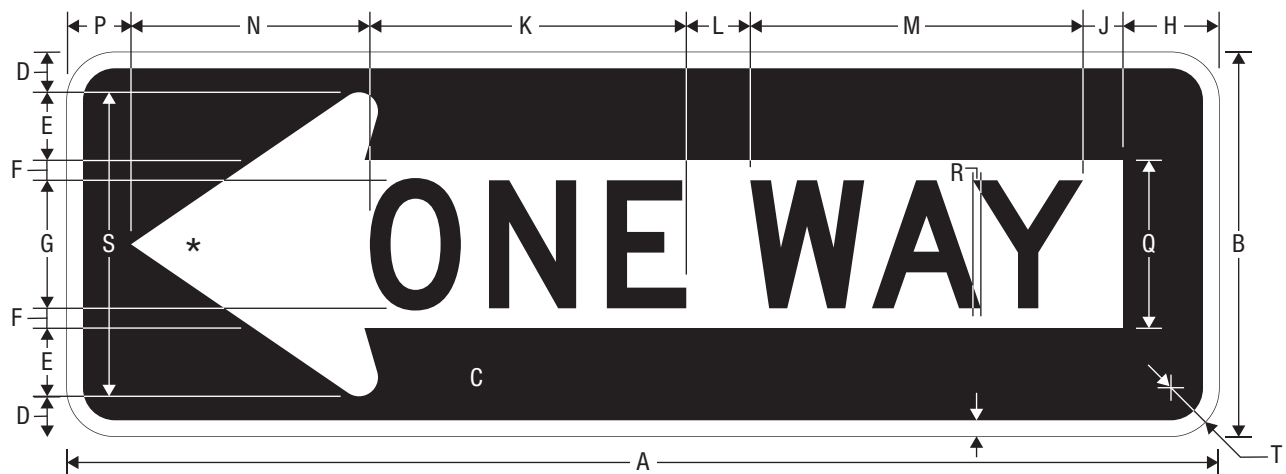
R6-1R
ONE WAY

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
36	12	0.5	1.25	2.125	0.625	4 D	3	1.25
48	18	0.75	1.875	3.625	1	5 D	3.5	2.5
72	24	1	2.5	4.25	1.25	8 D	6	2.5

K	L	M	N	P	Q	R	S	T
9.886	2	10.398	7.466	2	5.25	0.248	9.5	1.5
12.358	3	12.997	11.144	2.5	7	0.311	14.25	1.875
19.772	4	20.796	14.932	4	10.5	0.496	19	3

COLORS: LEGEND, BACKGROUND — BLACK
ARROW, BORDER — WHITE (RETROREFLECTIVE)



R6-1L
ONE WAY

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
36	12	0.5	1.25	2.125	0.625	4 D	3	1.25
48	18	0.75	1.875	3.625	1	5 D	3.5	2.5
72	24	1	2.5	4.25	1.25	8 D	6	2.5

K	L	M	N	P	Q	R	S	T
9.886	2	10.398	7.466	2	5.25	0.248	9.5	1.5
12.358	3	12.997	11.144	2.5	7	0.311	14.25	1.875
19.772	4	20.796	14.932	4	10.5	0.496	19	3

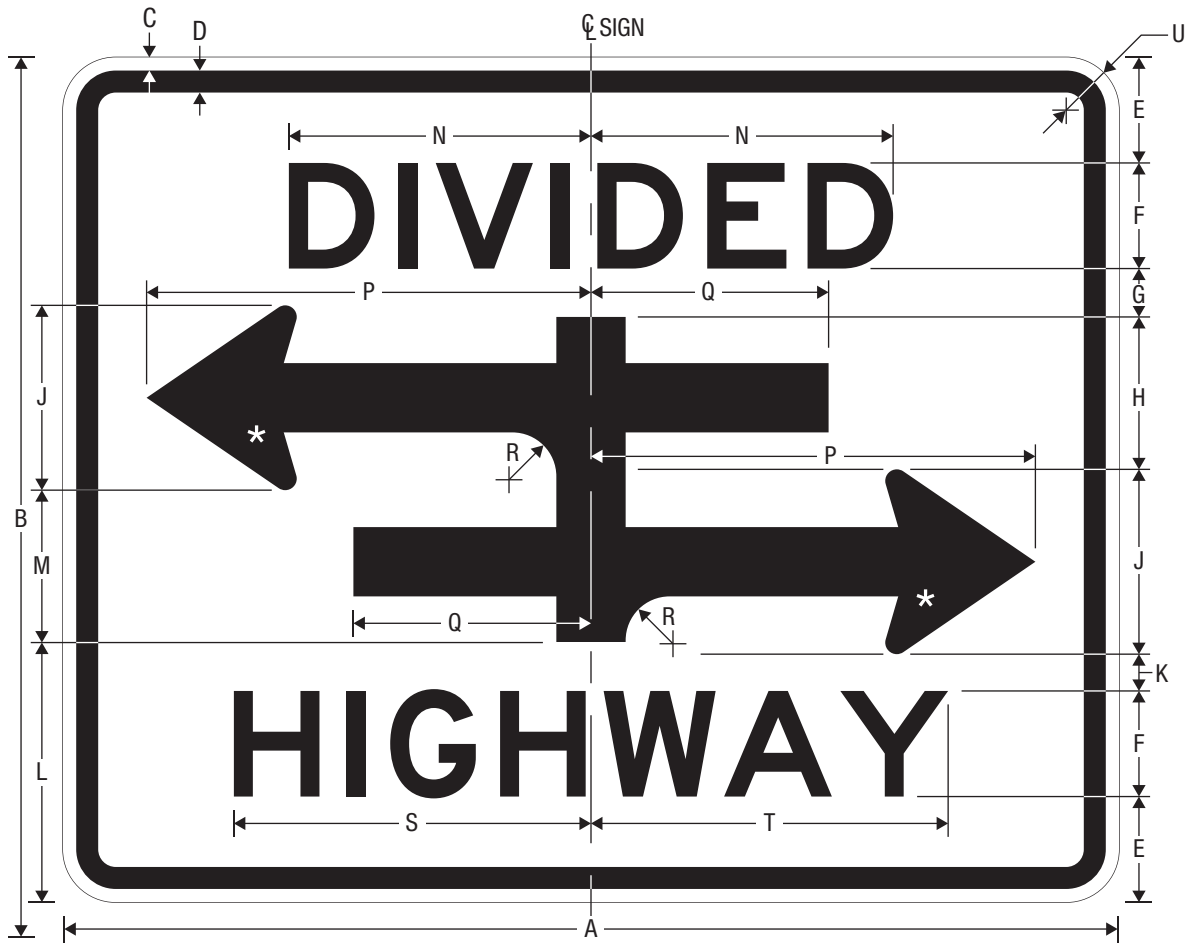
COLORS: LEGEND, BACKGROUND — BLACK
ARROW, BORDER — WHITE (RETROREFLECTIVE)



* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
18	24	0.375	0.625	2.5	5 D	1.5	6	6.179	6.179	6.804	6.804	6.5	1.5
24	30	0.375	0.625	3	6 D	2	8	7.415	7.414	8.165	8.164	8.625	1.5
30	36	0.5	0.75	3.75	7 D	2.625	9.25	8.651	8.650	9.526	9.525	10	1.875
36	48	0.625	0.875	4.75	10 D	3	12.5	12.358	12.357	13.608	13.607	13.75	2.25
48	60	0.75	1.25	6	12 D	4	16	14.829	14.829	16.329	16.329	17.25	3

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



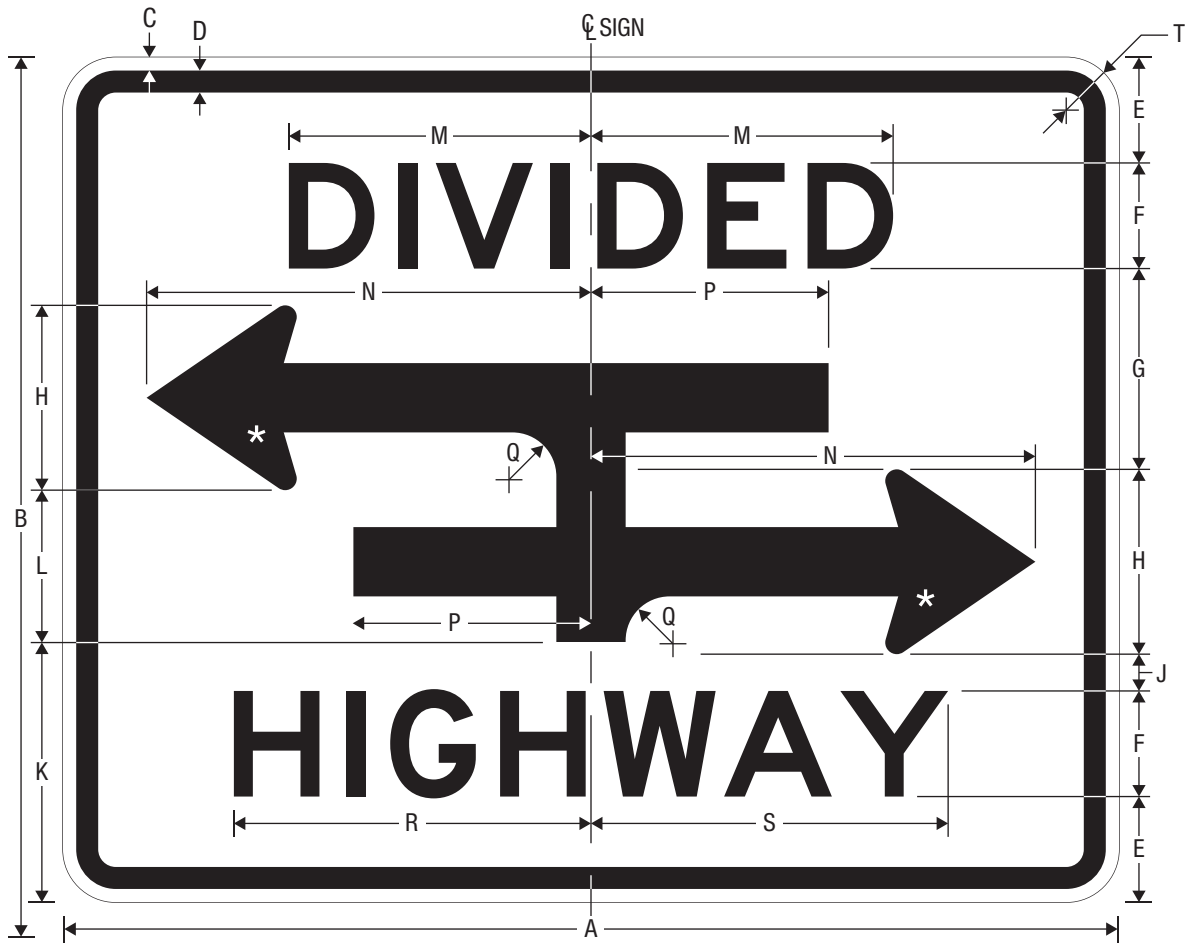
R6-3
DIVIDED HIGHWAY CROSSING

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
30	24	0.375	0.625	3	3 E	1.375	4.330	5.25	1.045
36	30	0.5	0.75	3.5	4 E	1.75	5.385	6.5	1.366

L	M	N	P	Q	R	S	T	U
7.375	4.329	8.583	12.625	6.75	1.25	10.146	10.145	1.5
9.25	5.384	11.444	15.375	8.25	1.5	13.528	13.527	1.875

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



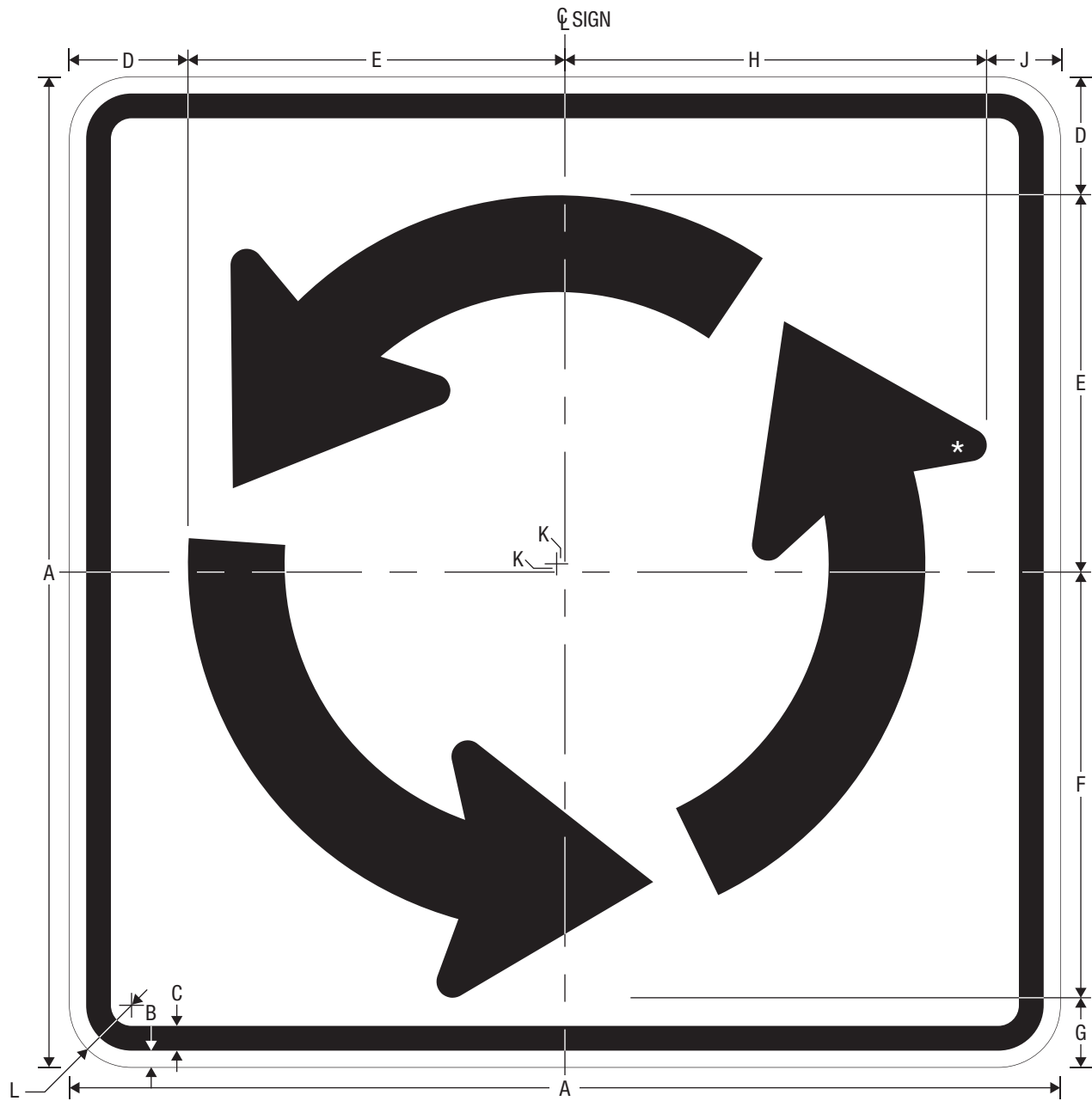
R6-3a
DIVIDED HIGHWAY CROSSING

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
30	24	0.375	0.625	3	3 E	5.705	5.25	1.045
36	30	0.5	0.75	3.5	4 E	7.135	6.5	1.366

K	L	M	N	P	Q	R	S	T
7.375	4.329	8.583	12.625	6.75	1.25	10.146	10.145	1.5
9.25	5.384	11.444	15.375	8.25	1.5	13.528	13.527	1.875

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



R6-5P
ROUNABOUT CIRCULATION (PLAQUE)

* See page 8-50 for symbol design.

A	B	C	D	E	F	G	H	J	K	L
30	0.5	0.75	3.583	11.417	12.897	2.103	12.776	2.224	0.25	1.875

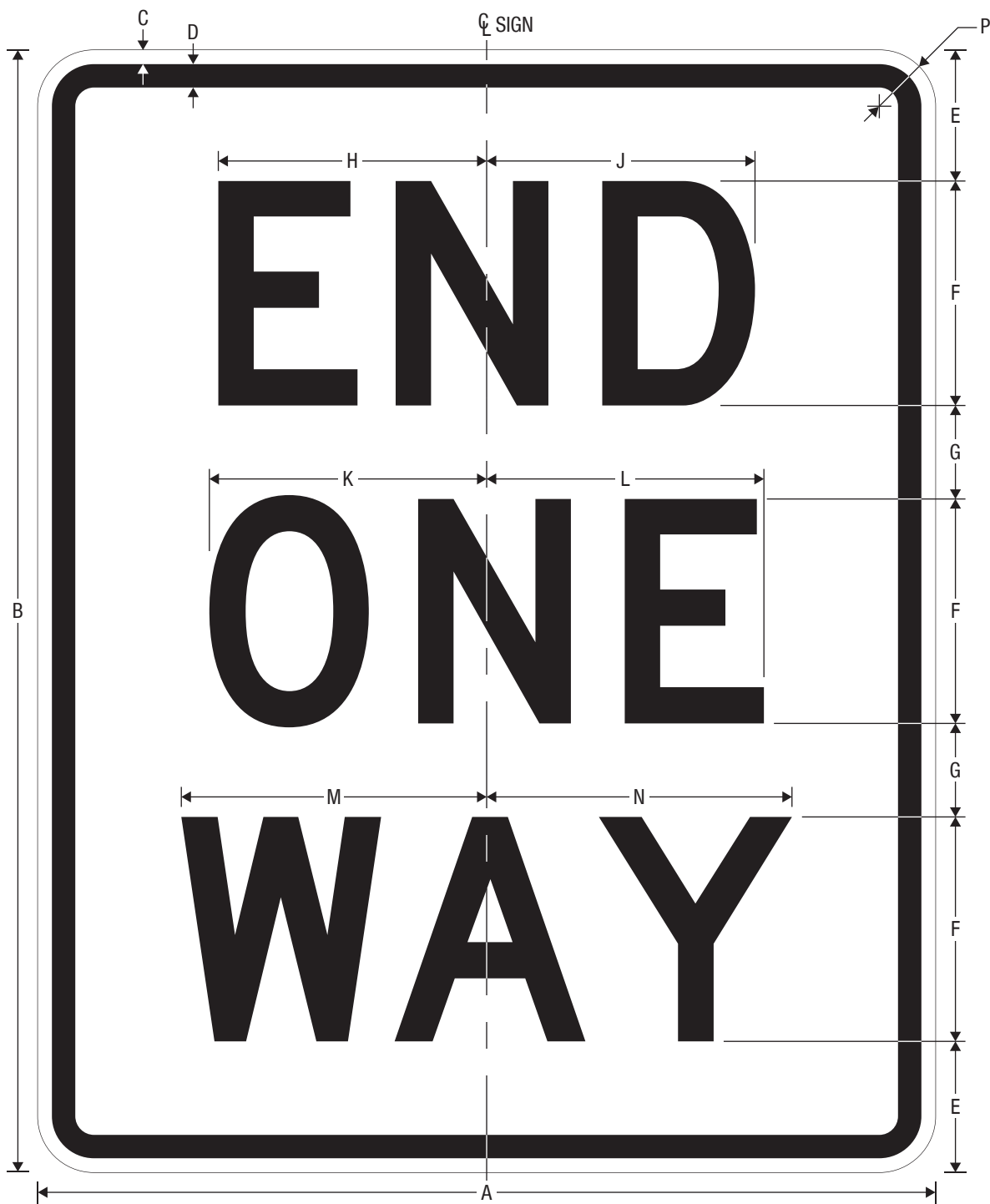
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R6-6
BEGIN ONE WAY

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
24	30	0.375	0.625	3.5	6 C	2.5	6 D	9.213	9.213	7.415	7.414	8.165	8.164	1.5
30	36	0.5	0.75	4.25	7 C	3.25	7 D	10.749	10.748	8.651	8.650	9.526	9.525	1.875

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



R6-7
END ONE WAY

A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	30	0.375	0.625	3.5	6 D	2.5	7.176	7.175	7.415	7.414	8.165	8.164	1.5
30	36	0.5	0.75	4.25	7 D	3.25	8.371	8.371	8.651	8.650	9.526	9.525	1.875

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



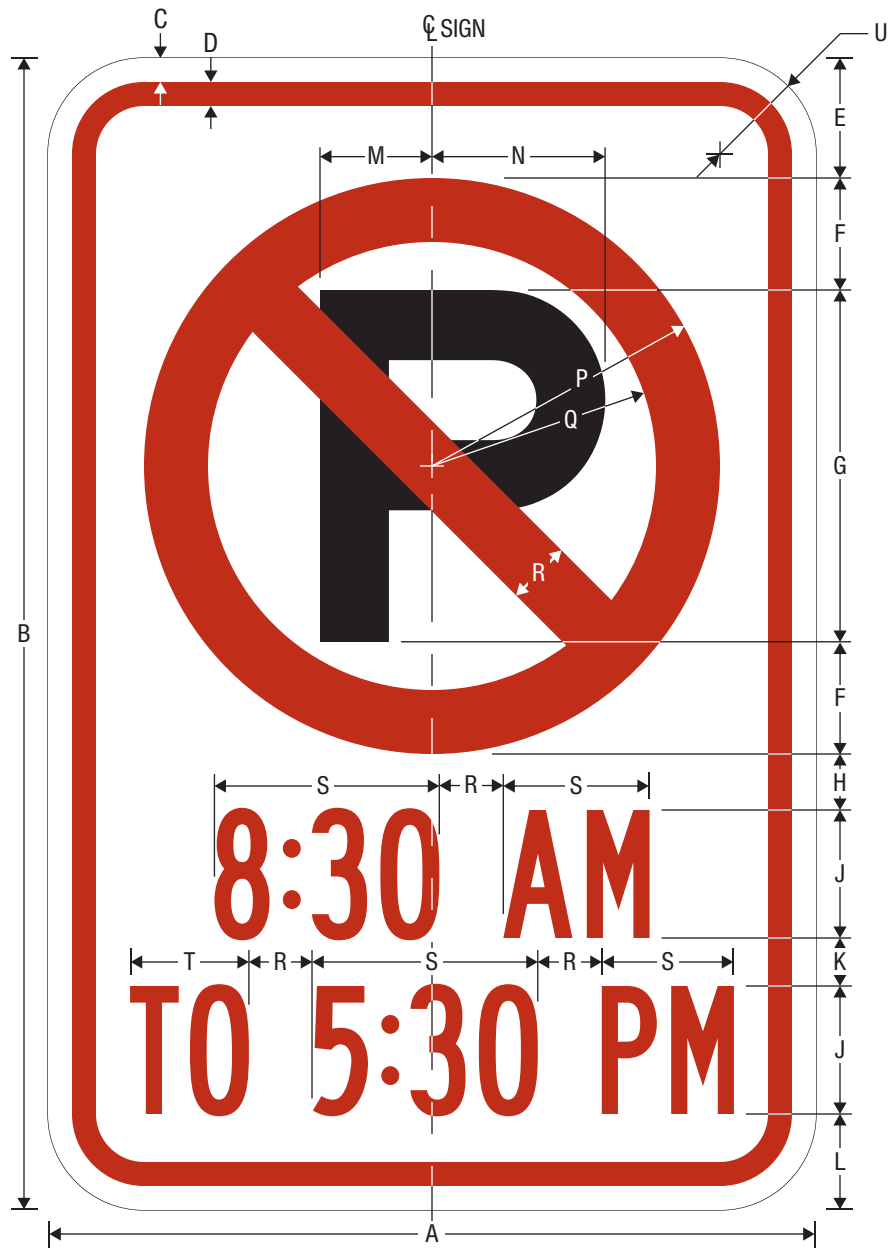
R7-1
NO PARKING ANY TIME

* See page 7-3 for arrow design.
** Reduce Spacing 60%.

A	B	C	D	E	F	G	H	J	K
12	18	0.375	0.375	1.875	3 C	0.875	3 B**	0.625	2 C

L	M	N	P	Q	R	S	T	U	V
1.5	2	0.5	2.026	4.806	4.805	2.121	2.401	3.875	1.5

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-2
NO PARKING (PART-TIME)

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K
12	18	0.375	0.375	1.875	1.75	5.5 E(m)	0.875	2 B*	0.75

L	M	N	P	Q	R	S	T	U
1.5	1.75	2.708	4.5	3.5	1	VAR	1.857	1.5

COLORS: LEGEND, BORDER, CIRCLE, DIAGONAL — RED (RETROREFLECTIVE)
 BACKGROUND — WHITE (RETROREFLECTIVE)
 SYMBOL — BLACK



R7-2a
NO PARKING (PART-TIME)

- * See page 7-3 for arrow design.
- ** Reduce Spacing 60%.
- *** Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N
12	18	0.375	0.375	1.875	3 C	0.875	3 B**	0.625	2 B***	0.5	2	1.5
P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB
2.026	4.806	4.805	VAR	VAR	1	VAR	VAR	1.857	VAR	VAR	3.875	1.5

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-3

NO PARKING EXCEPT SUNDAYS AND HOLIDAYS

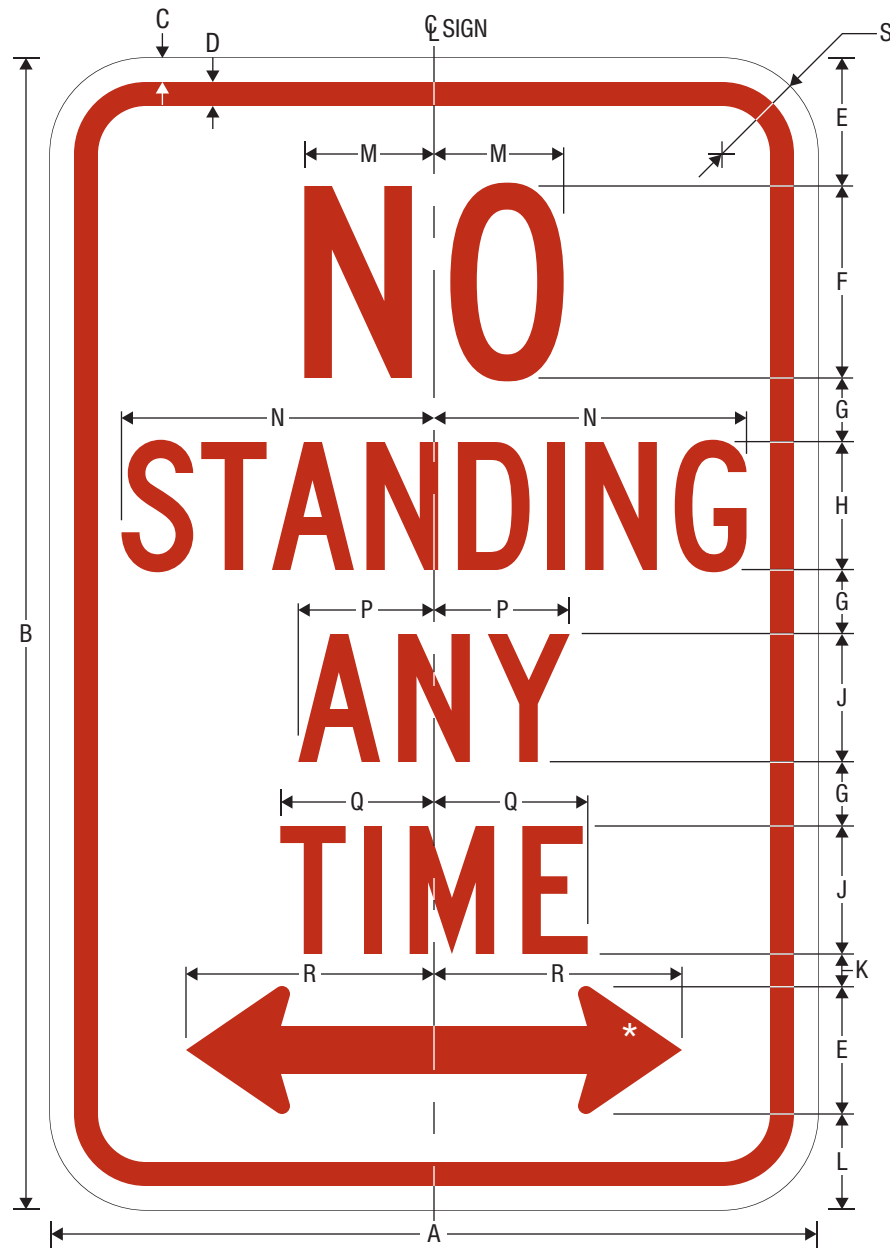
* See page 7-3 for arrow design.

** Reduce Spacing 60%.

A	B	C	D	E	F	G	H	J	K	L	M
12	18	0.375	0.375	1.875	3 C	0.875	3 B**	0.75	1 C	0.5	2

N	P	Q	R	S	T	U	V	W	X	Y	Z
1.5	2.026	4.806	4.805	1.971	4.042	0.920	1	2.121	2.616	3.875	1.5

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



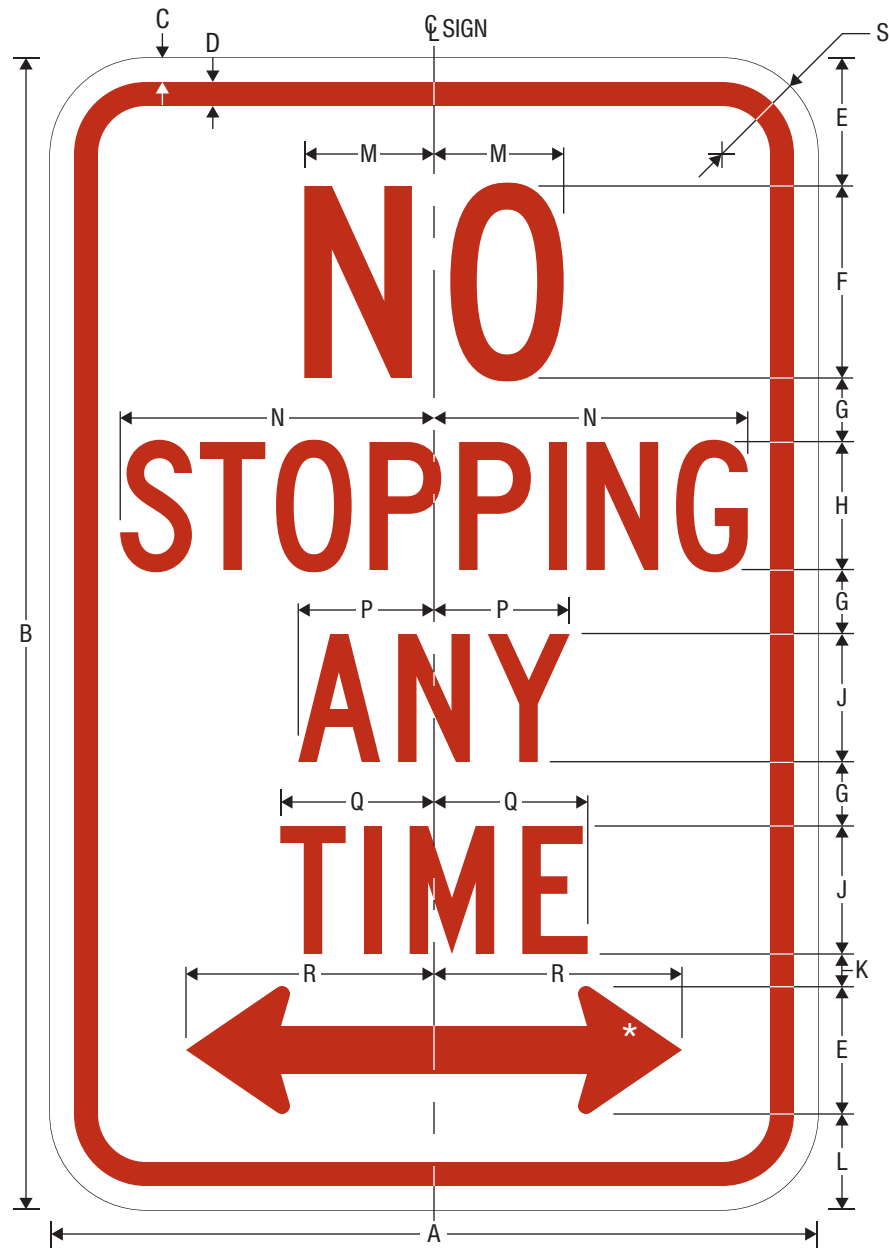
R7-4
NO STANDING ANY TIME

* See page 7-3 for arrow design.
** Reduce Spacing 30%.

A	B	C	D	E	F	G	H	J
12	18	0.375	0.375	2	3 C	1	2 C**	2 C

K	L	M	N	P	Q	R	S
0.5	1.5	2.026	4.883	2.121	2.401	3.875	1.5

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-4a
NO STOPPING ANY TIME

* See page 7-3 for arrow design.
** Reduce Spacing 30%.

A	B	C	D	E	F	G	H	J
12	18	0.375	0.375	2	3 C	1	2 C**	2 C

K	L	M	N	P	Q	R	S
0.5	1.5	2.026	4.903	2.121	2.401	3.875	1.5

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-5

PARKING PERMITTED (TIME LIMIT)

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
12	18	0.375	0.375	2	2 C	VAR	2.891	4.602	4.601	3.875	1.5

COLORS: LEGEND, BORDER — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-6
NO PARKING LOADING ZONE

* See page 7-3 for arrow design.

** Reduce Spacing 60%.

A	B	C	D	E	F	G	H	J	K	L
12	18	0.375	0.375	1.875	3 C	0.875	3 B**	1	2 C	0.5

M	N	P	Q	R	S	T	U	V	W
2	1.25	2.026	4.806	4.805	4.562	4.561	2.791	3.875	1.5

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-8
RESERVED PARKING - ACCESSIBLE

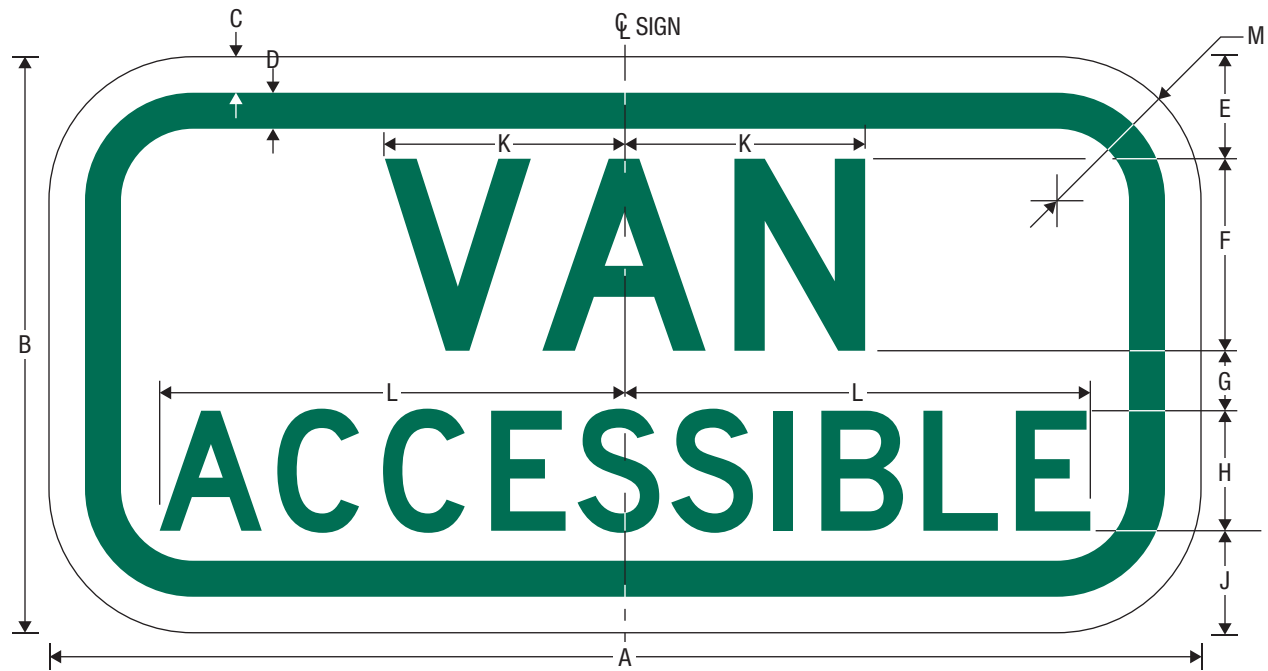
* See page 8-45 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
12	18	0.375	0.375	2.5	1.75 C	1	6	0.5	2

L	M	N	P	Q	R	S	T	U
1.5	4.745	4.744	4.027	4.026	3	0.5	3.5	1.5

COLORS: LEGEND, BORDER — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)
SYMBOL — BLUE (RETROREFLECTIVE)



R7-8aP
VAN ACCESSIBLE (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M
12	6	0.375	0.375	1.063	2 D	0.625	1.25 D	1.062	2.502	4.847	1.5

COLORS: LEGEND, BORDER — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-9

NO PARKING BIKE LANE

* Reduce Spacing 35%.

** Reduce Spacing 50%.

A	B	C	D	E	F	G	H	J	K	L
12	18	0.375	0.375	2.25	2 B*	1.5	1.375	3 C	3	2.75 B**

M	N	P	Q	R	S	T	U	V	W
1.75	2.710	0.604	1.936	4.936	3.75	3.496	3.962	3.961	1.5

UPPER LEFT SECTION

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — RED (RETROREFLECTIVE)

REMAINDER OF SIGN

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-9a
NO PARKING BIKE LANE

A	B	C	D	E	F	G	H	J	K
12	18	0.375	0.375	1.5	1.625	5 E(m)	1.375	1	2.5 C

L	M	N	P	Q	R	S	T	U	V
1.625	2.428	4	3.375	0.625	2.914	2.913	3.302	3.301	1.5

COLORS: LEGEND, BORDER, CIRCLE, DIAGONAL — RED (RETROREFLECTIVE)
 BACKGROUND — WHITE (RETROREFLECTIVE)
 SYMBOL — BLACK



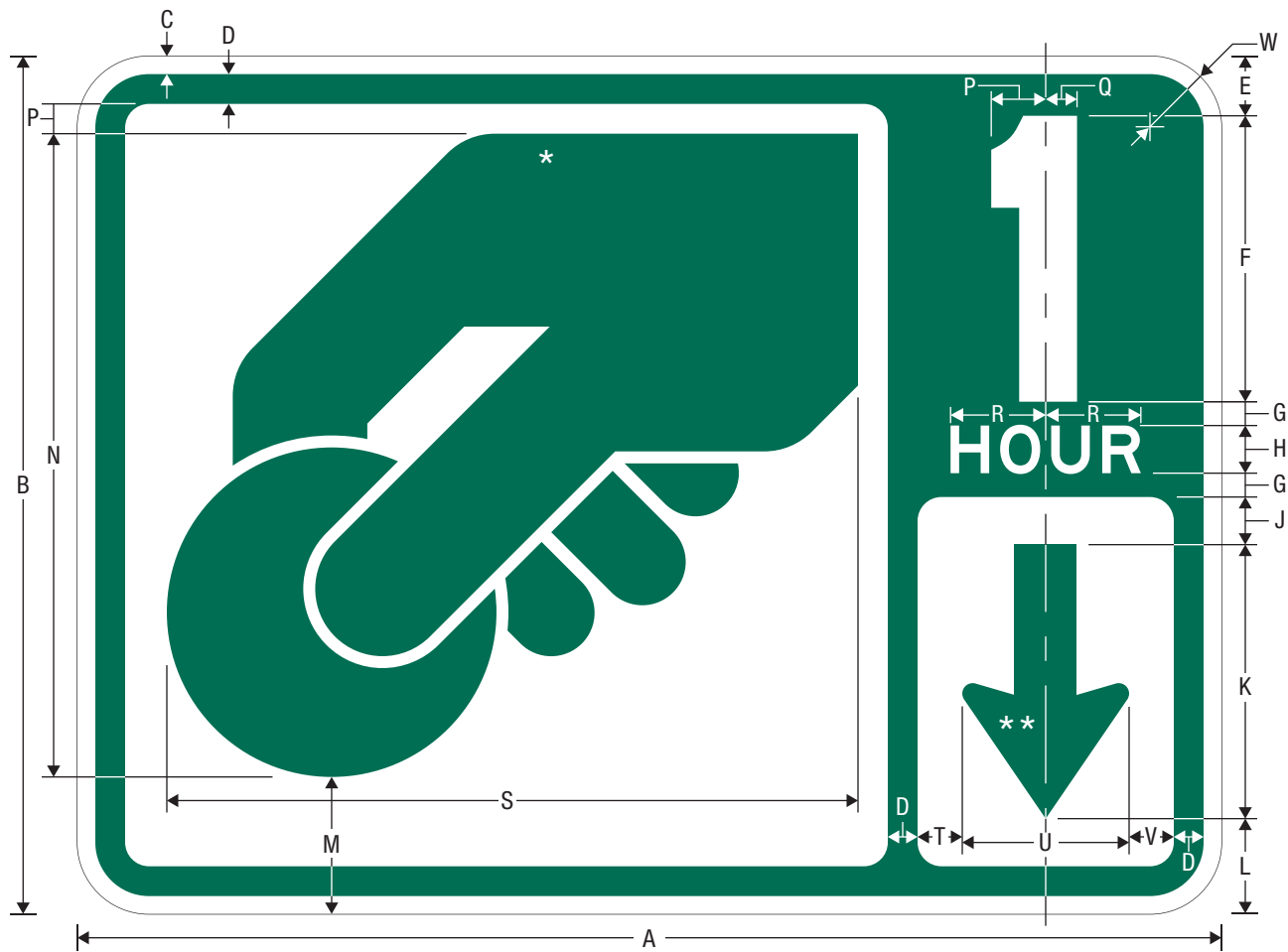
R7-10
BACK-IN PARKING

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
12	18	0.375	0.375	3.5	2 C	1.5	2	0.75	4.526

L	M	N	P	Q	R	S	T	U	V
0.936	0.25	1	0.5	1.841	4.602	4.601	2.781	3.875	1.5

COLORS: LEGEND, BORDER — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-20

PARKING FEE STATION, MULTISPACE METER

* See page 8-8 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
24	18	0.375	0.625	1.25	6 E(m)	0.5	1 E	1	5.75	2

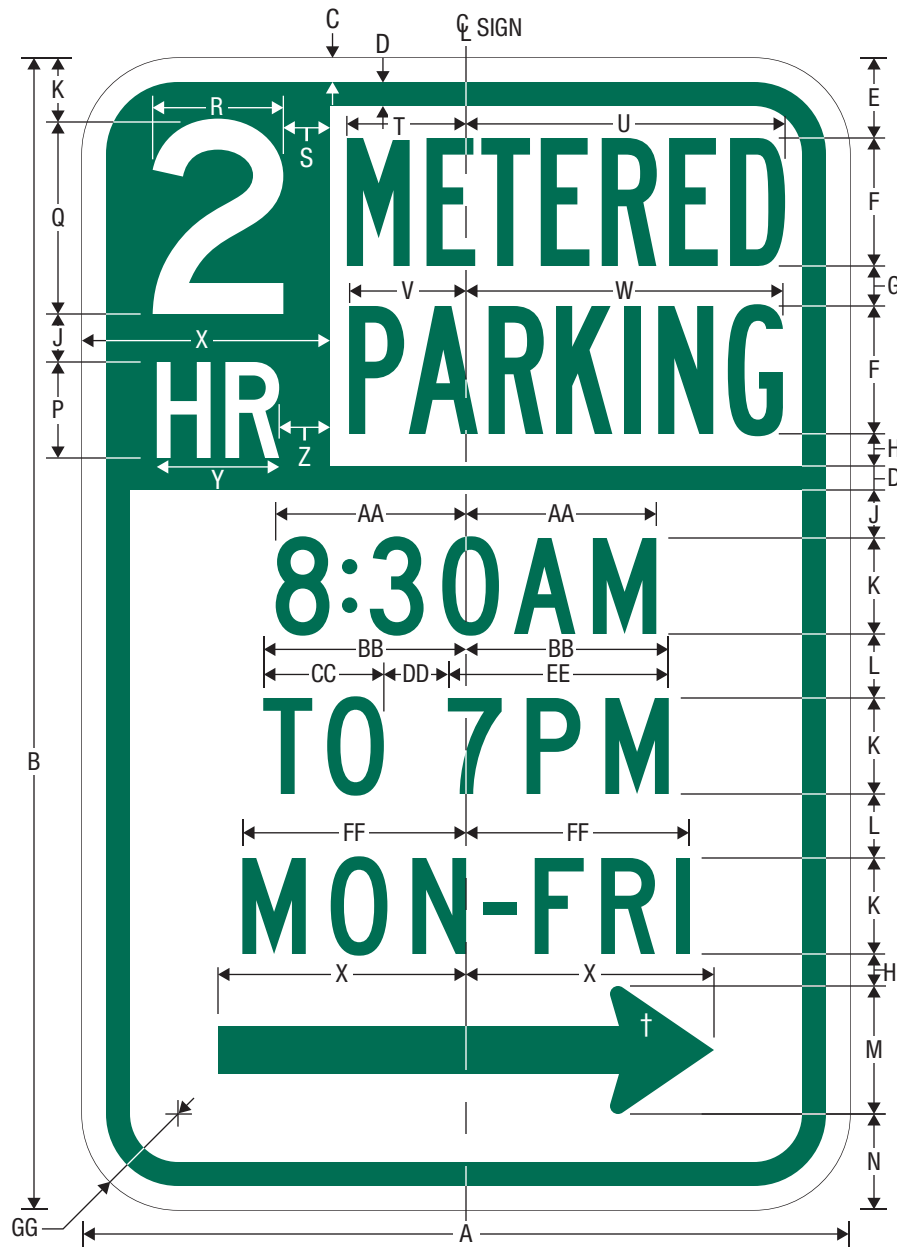
M	N	P	Q	R	S	T	U	V	W
2.875	13.5	VAR	VAR	VAR	14.5	0.938	3.5	0.937	1.5

UPPER RIGHT SECTION

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — GREEN (RETROREFLECTIVE)

REMAINDER OF SIGN

COLORS: LEGEND, BORDER — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-21
METERED PARKING

- * Reduce Spacing 40%.
- ** Increase Spacing 30%.
- *** Reduce Spacing 30%.
- † See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
12	18	0.375	0.375	1.25	2 B*	0.625	0.5	0.75	1.5 C**	1

M	N	P	Q	R	S	T	U	V	W
2	1.5	1.5 C***	3 D	VAR	VAR	1.862	4.986	1.827	4.952

X	Y	Z	AA	BB	CC	DD	EE	FF	GG
3.875	1.912	0.794	VAR	VAR	1.885	1	VAR	VAR	1.5

UPPER LEFT SECTION

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — GREEN (RETROREFLECTIVE)

REMAINDER OF SIGN

COLORS: LEGEND, BORDER — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-21aP

MOBILE PARKING PAYMENT (PLAQUE)

* Reduce Spacing 50%.

** Increase Spacing 10%.

*** Increase Spacing 20%.

† Increase Spacing 100%.

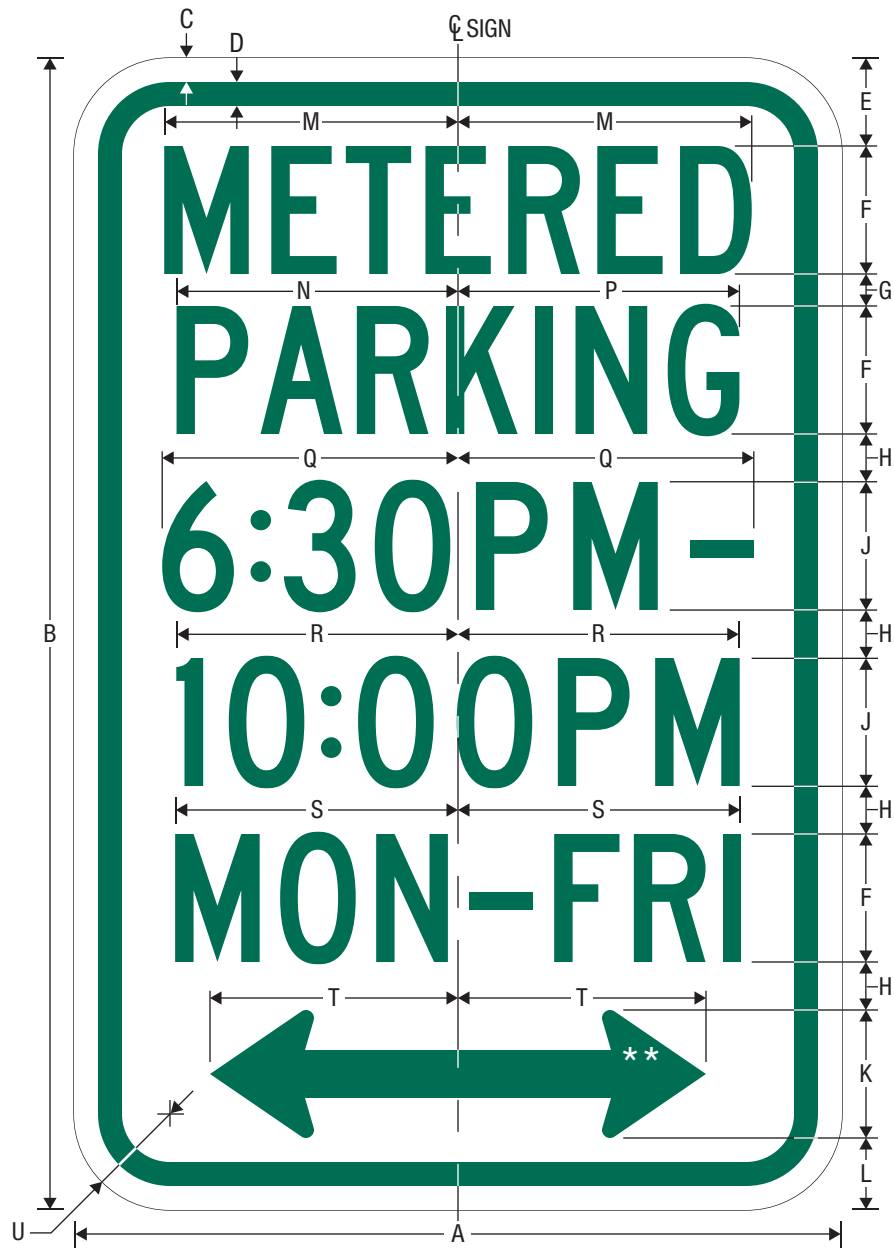
A	B	C	D	E	F	G	H	J	K
12	6	0.25	0.25	0.75	1 C*	0.25	0.75 C**	0.375	0.75 D***
L	M	N	P	Q	R	S	T	U	V
0.313	1 E†	0.562	0.812	0.5 E	0.938	0.5 D	4.092	0.5	0.260
W	X	Y	Z	AA	BB	CC	DD	EE	FF
4.852	VAR	VAR	0.806	VAR	VAR	1.936	1	VAR	1.5

UPPER SECTION

COLORS: LEGEND, BORDER — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)

LOWER SECTION

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — GREEN (RETROREFLECTIVE)



R7-22
METERED PARKING

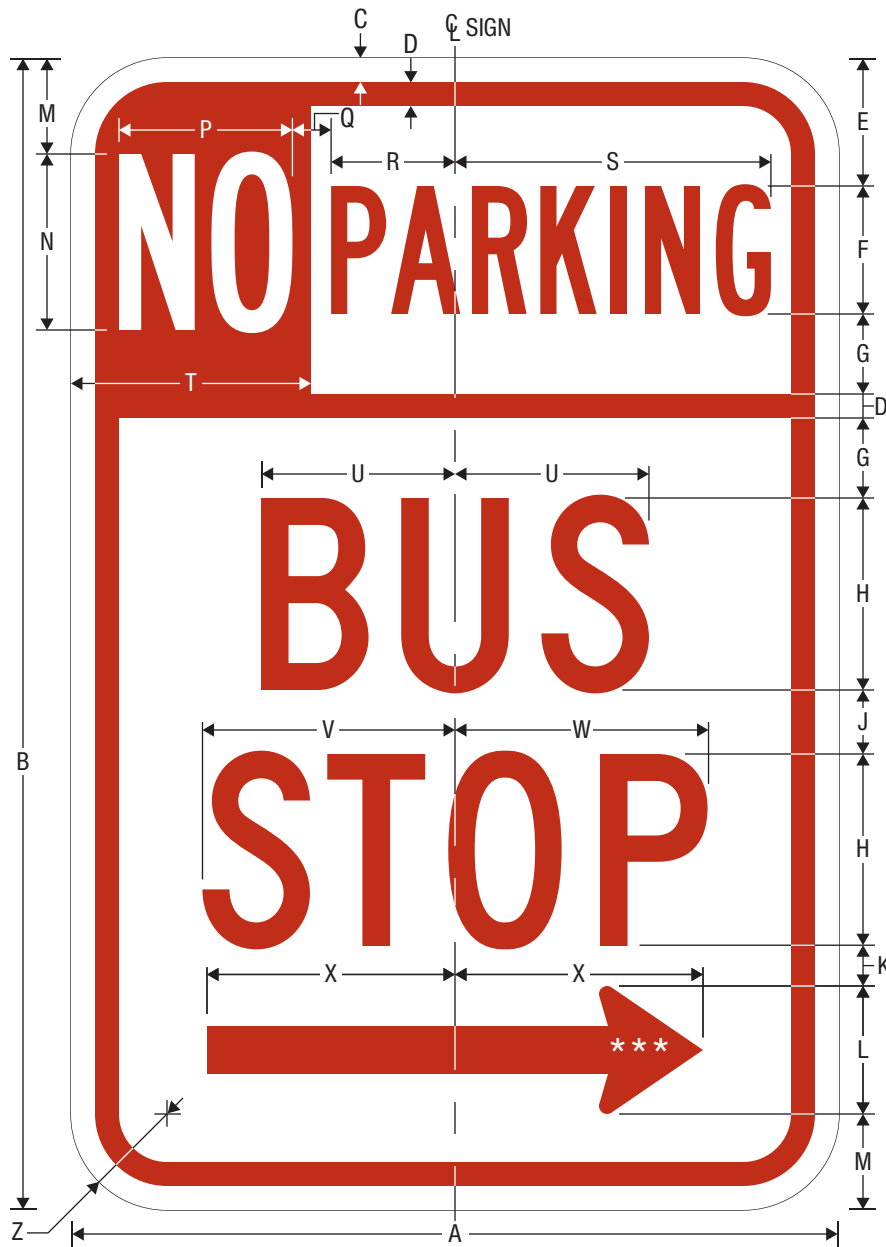
* Reduce Spacing 20%.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
12	18	0.375	0.375	1.375	2 C*	0.5	0.75	2 C	2

L	M	N	P	Q	R	S	T	U
1.125	4.590	4.398	4.397	VAR	VAR	VAR	3.875	1.5

COLORS: LEGEND, BORDER — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-107
NO PARKING BUS STOP

* Reduce Spacing 35%.
 ** Reduce Spacing 50%.
 *** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
12	18	0.375	0.375	2	2 B*	1.25	3 C	1	0.625	2	1.5

N	P	Q	R	S	T	U	V	W	X	Y	Z
2.75 B**	2.710	0.604	1.936	4.936	3.75	3.031	3.947	3.946	3.875	0.75	1.5

UPPER LEFT SECTION
 COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
 BACKGROUND — RED (RETROREFLECTIVE)

REMAINDER OF SIGN
 COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
 BACKGROUND — WHITE (RETROREFLECTIVE)



R7-107a
NO PARKING BUS STOP

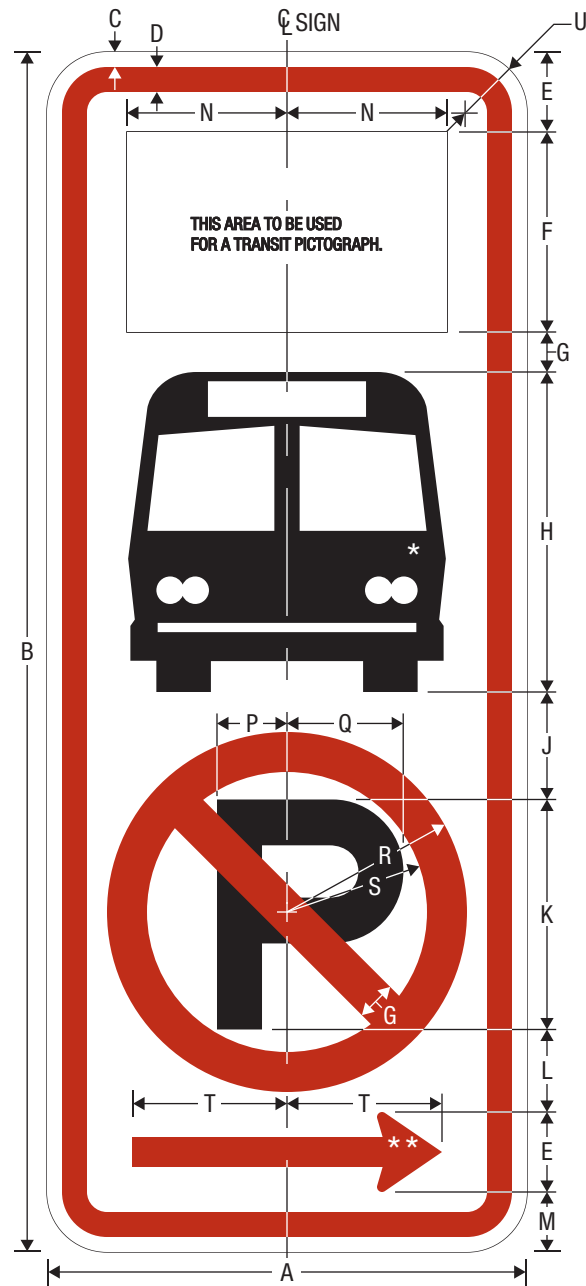
* See page 8-47 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
12	24	0.375	0.625	2	8	1.063	1.688	5.75 E(m)

K	L	M	N	P	Q	R	S
1.687	0.437	1.5	1.75	2.910	1	3.875	1.5

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)
SYMBOL — BLACK



R7-107b

NO PARKING BUS STOP (WITH TRANSIT PICTOGRAPH)

* See page 8-47 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
12	30	0.375	0.625	2	5	1	8	2.688	5.75 E(m)

L	M	N	P	Q	R	S	T	U
2.062	1.5	4	1.75	2.910	4.5	3.5	3.875	1.5

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)
SYMBOL — BLACK



R7-108

PARKING ALLOWED (TIME LIMIT, PART-TIME)

* Reduce Spacing 50%.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
12	18	0.375	0.375	1.25	2 C	0.75	2 B*	0.5	1.375	2 B	2	4 C	1.625

Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD
VAR	VAR	0.222	2.681	1.734	4.859	3.875	VAR	VAR	1	VAR	1.901	3.875	1.5

UPPER LEFT SECTION

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — GREEN (RETROREFLECTIVE)

REMAINDER OF SIGN

COLORS: LEGEND, BORDER — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-111

NO PARKING EXCEPT ELECTRIC VEHICLES

- * Reduce Spacing 40%.
- ** Reduce Spacing 60%.
- *** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N
12	18	0.375	0.375	1.75	2 B*	0.875	1.625	1.5 C	1	1.375	2	1.5

P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB
3 B**	1.25	2.900	0.300	1.827	4.952	3.875	2.956	3.714	3.872	3.871	3.875	1.5

UPPER LEFT SECTION

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — RED (RETROREFLECTIVE)

REMAINDER OF SIGN

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-111a

NO PARKING EXCEPT ELECTRIC VEHICLES (PART-TIME)

* Reduce Spacing 40%.

** Reduce Spacing 60%.

*** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
12	18	0.375	0.375	1.75	2 B*	0.875	0.75	1.5 C	0.5	2	1.5	3 B**	1.25	2.900

R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF
0.300	1.827	4.952	3.875	VAR	VAR	0.5	0.75	VAR	2.956	3.714	3.872	3.871	3.875	1.5

UPPER LEFT SECTION

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — RED (RETROREFLECTIVE)

REMAINDER OF SIGN

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-112

ELECTRIC VEHICLE PARKING (TIME LIMIT)

* Reduce Spacing 40%.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
12	18	0.375	0.375	1.25	2 C	0.75	2 B*	0.5	0.25	1

M	N	P	Q	R	S	T	U	V	W
1.5 C	0.75	0.75	2	1.5	4 C	1.625	VAR	VAR	0.222

X	Y	Z	AA	BB	CC	DD	EE	FF	GG
2.681	1.827	4.952	3.875	3.714	3.872	3.871	2.086	3.875	1.5

UPPER LEFT SECTION

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — GREEN (RETROREFLECTIVE)

REMAINDER OF SIGN

COLORS: LEGEND, BORDER — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-112a

ELECTRIC VEHICLE PARKING (TIME LIMIT, PART-TIME)

* Reduce Spacing 40%.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
12	18	0.375	0.375	1.25	2 C	0.75	2 B*	0.5	0.25	0.375	1.5 C

N	P	Q	R	S	T	U	V	W	X	Y
1.5 B	2	1	4 C	1.625	VAR	VAR	0.222	2.681	1.827	4.952

Z	AA	BB	CC	DD	EE	FF	GG	HH	JJ	KK
3.875	3.714	3.872	3.871	2.086	VAR	VAR	0.5	0.75	3.875	1.5

UPPER LEFT SECTION

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — GREEN (RETROREFLECTIVE)

REMAINDER OF SIGN

COLORS: LEGEND, BORDER — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-112b

ELECTRIC VEHICLE PARKING (TIME LIMIT, PART-TIME)

* Reduce Spacing 40%.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
12	21	0.375	0.375	1.25	2 C	0.75	2 B*	0.5	0.25	0.75	1.5 C

N	P	Q	R	S	T	U	V	W	X	Y
1.5 B	2	1.5	4 C	1.625	VAR	VAR	0.222	2.681	1.827	4.952

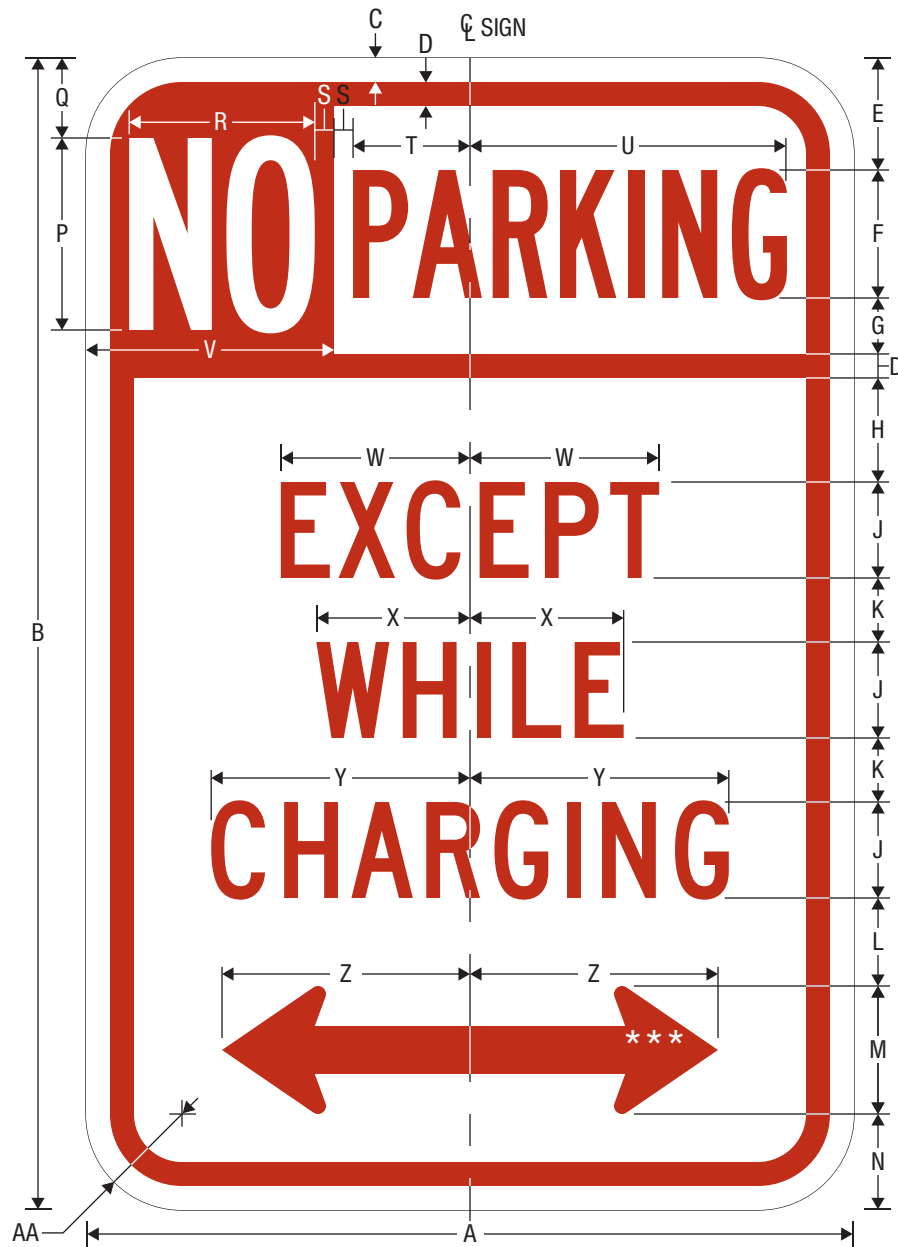
Z	AA	BB	CC	DD	EE	FF	GG	HH	JJ	KK
3.875	3.714	3.872	3.871	2.086	VAR	VAR	0.5	0.75	3.875	0.5

UPPER LEFT SECTION

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — GREEN (RETROREFLECTIVE)

REMAINDER OF SIGN

COLORS: LEGEND, BORDER — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-113

NO PARKING EXCEPT WHILE CHARGING

* Reduce Spacing 40%.

** Reduce Spacing 60%.

*** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N
12	18	0.375	0.375	1.75	2 B*	0.875	1.625	1.5 C	1	1.375	2	1.5

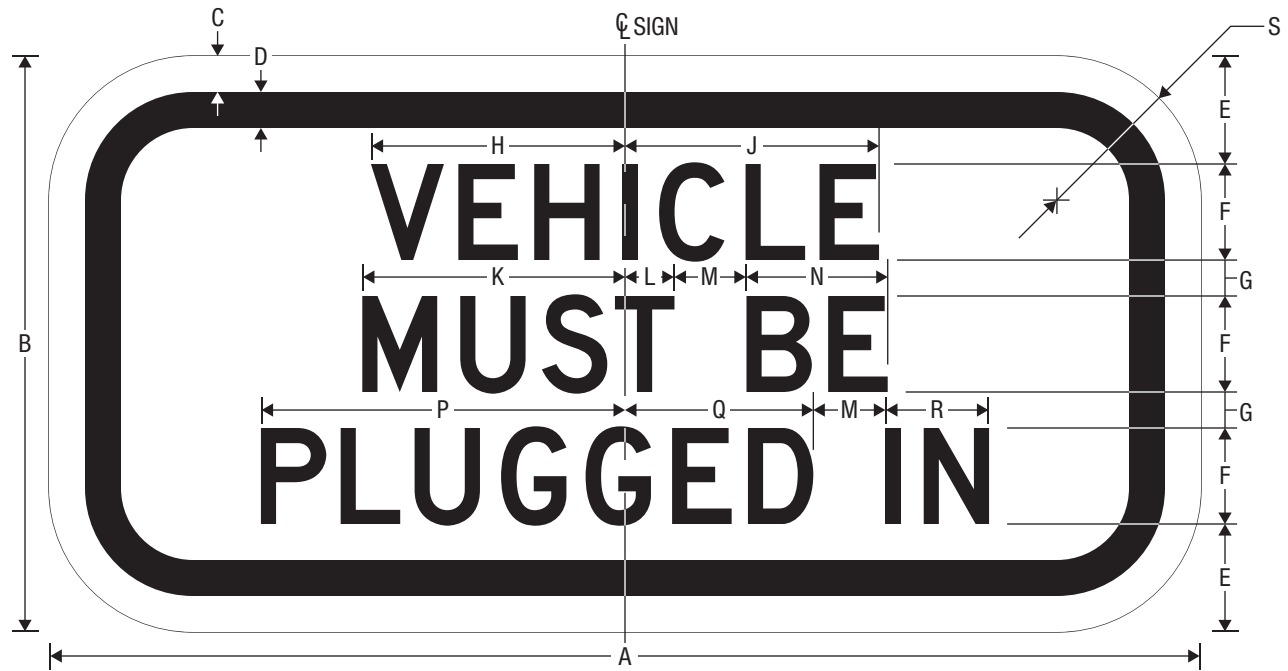
P	Q	R	S	T	U	V	W	X	Y	Z	AA
3 B**	1.25	2.900	0.300	1.827	4.952	3.875	2.956	2.401	4.044	3.875	0.75

UPPER LEFT SECTION

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — RED (RETROREFLECTIVE)

REMAINDER OF SIGN

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



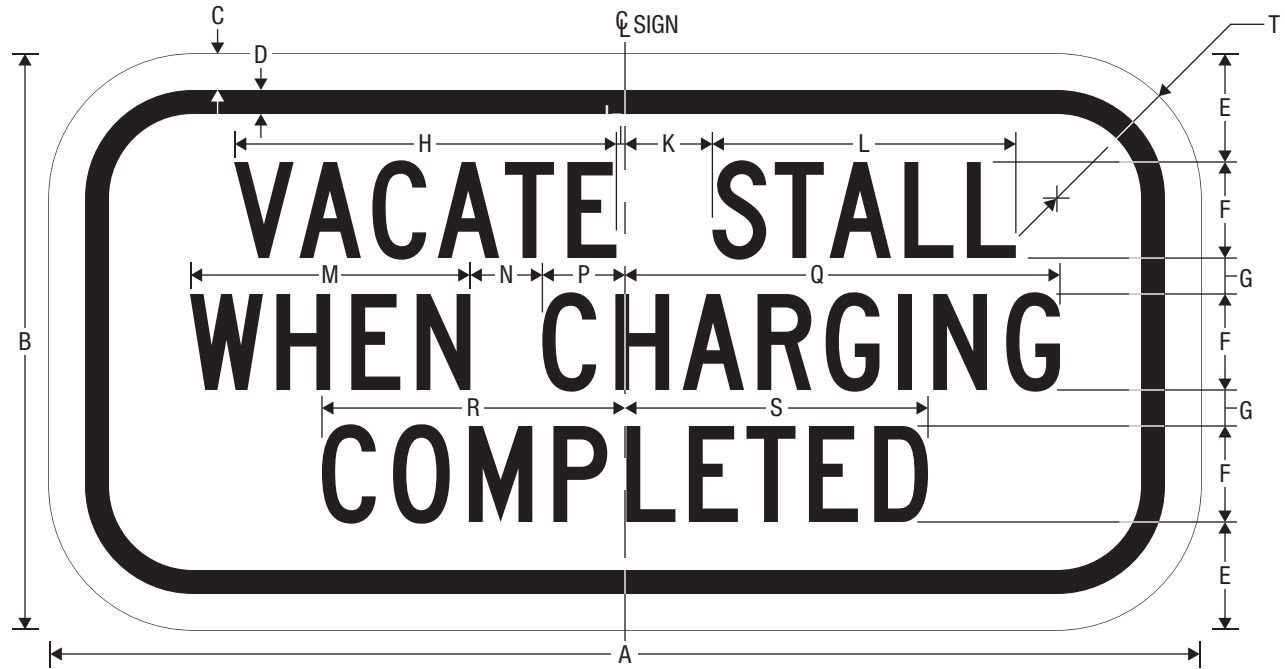
R7-113aP

VEHICLE MUST BE PLUGGED IN (PLAQUE)

A	B	C	D	E	F	G	H	J
12	6	0.375	0.375	1.125	1 D	0.375	2.647	2.646

K	L	M	N	P	Q	R	S
2.737	0.515	0.75	1.471	3.793	1.961	1.081	1.5

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



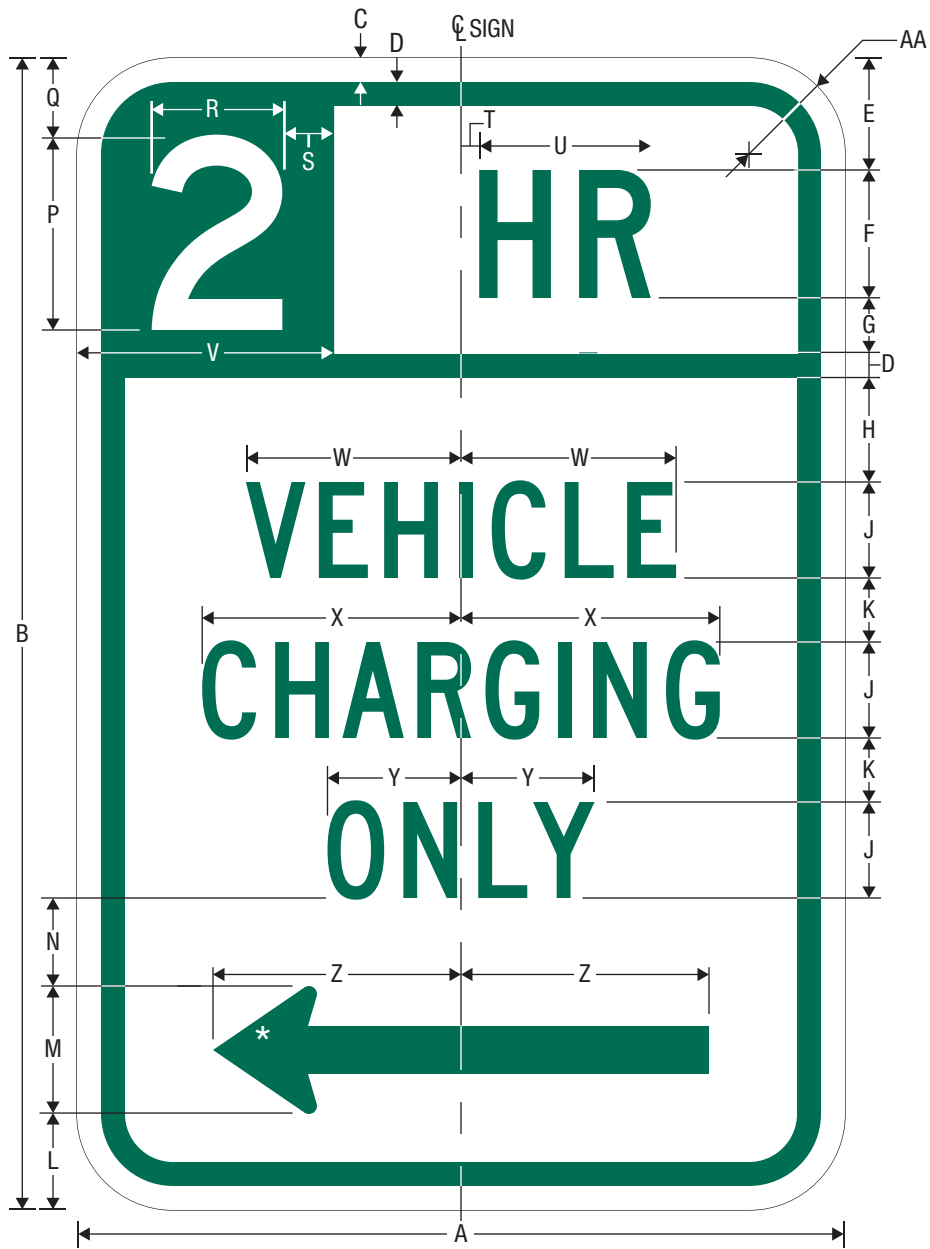
R7-113bP

VACATE STALL WHEN CHARGING COMPLETED (PLAQUE)

A	B	C	D	E	F	G	H	J
12	6	0.375	0.25	1.125	1 C	0.375	3.982	0.093

K	L	M	N	P	Q	R	S	T
0.907	3.161	2.921	0.75	0.860	4.532	3.157	3.156	1.5

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



R7-114

VEHICLE CHARGING ONLY (TIME LIMIT)

★ See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N
12	18	0.375	0.375	1.75	2 C	0.875	1.625	1.5 C	1	1.5	2	1.375

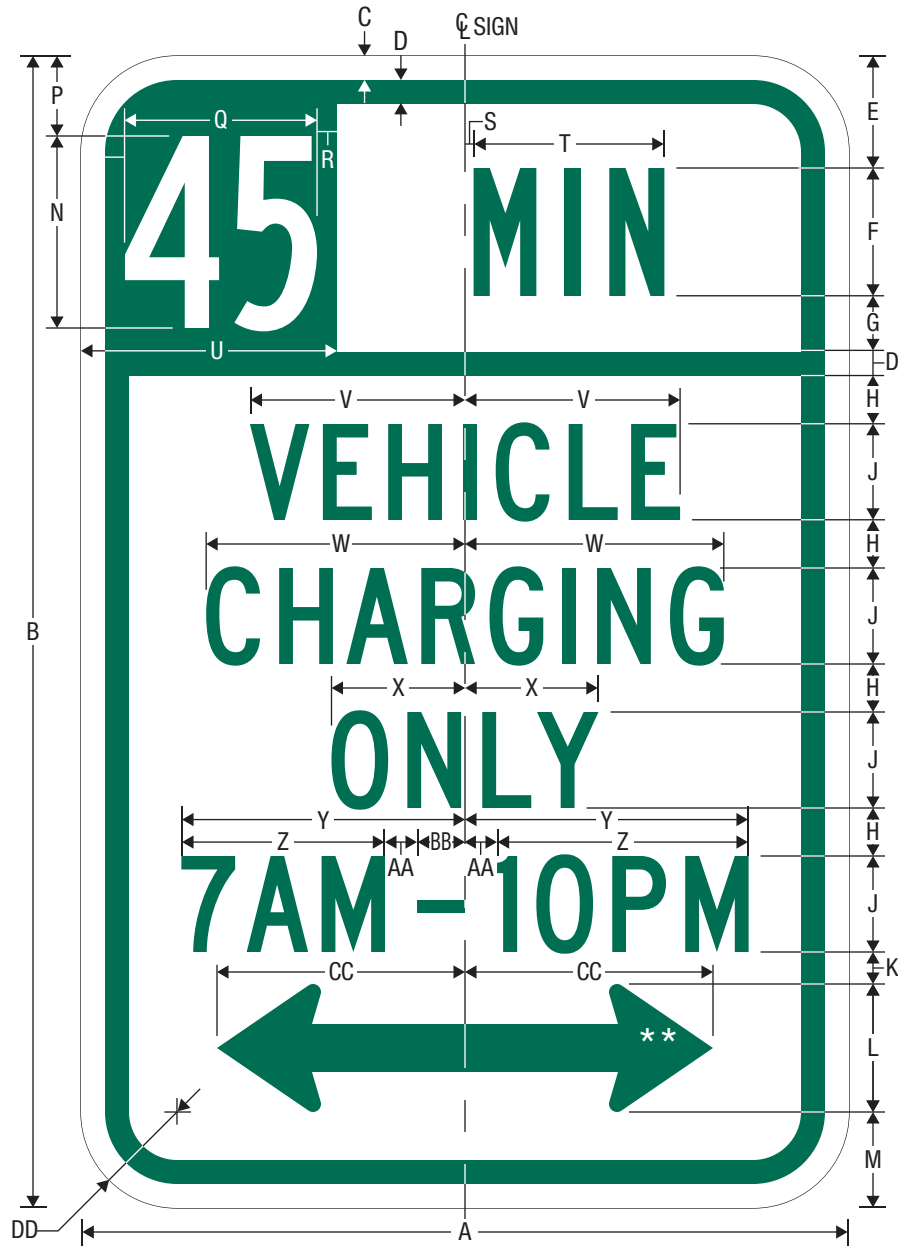
P	Q	R	S	T	U	V	W	X	Y	Z	AA
3 D	1.25	VAR	VAR	0.284	2.681	4	3.361	4.044	2.086	3.875	1.5

UPPER LEFT SECTION

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — GREEN (RETROREFLECTIVE)

REMAINDER OF SIGN

COLORS: LEGEND, BORDER — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-114a

VEHICLE CHARGING ONLY (TIME LIMIT, PART-TIME)

* Reduce Spacing 50%.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
12	18	0.375	0.375	1.75	2 B	0.875	0.75	1.5 C	0.5	2	1.5	3 B*	1.25

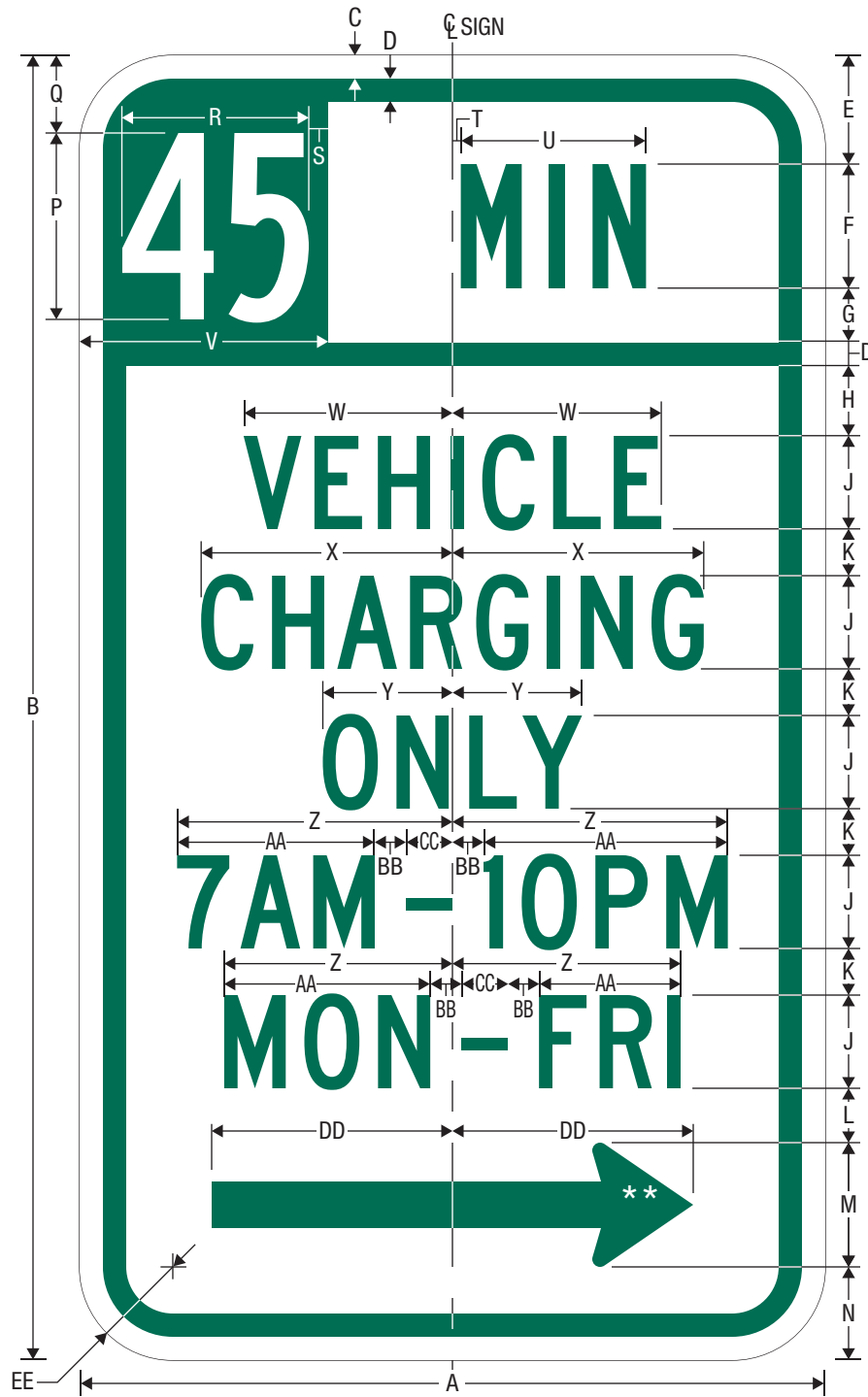
Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD
VAR	VAR	0.135	2.981	4	3.361	4.044	2.086	VAR	VAR	0.5	0.75	3.875	1.5

UPPER LEFT SECTION

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — GREEN (RETROREFLECTIVE)

REMAINDER OF SIGN

COLORS: LEGEND, BORDER — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-114b

VEHICLE CHARGING ONLY (TIME LIMIT, PART-TIME)

* Reduce Spacing 50%.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
12	21	0.375	0.375	1.75	2 B	0.875	1.125	1.5 C	0.75	0.875	2	1.5	3 B*	1.25

R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE
VAR	VAR	0.135	2.981	4	3.361	4.044	2.086	VAR	VAR	0.5	0.75	3.875	1.5

UPPER LEFT SECTION

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — GREEN (RETROREFLECTIVE)

REMAINDER OF SIGN

COLORS: LEGEND, BORDER — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-200

NO PARKING/RESTRICTED PARKING (COMBINED SIGN)

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N
24	18	0.375	0.375	2.25	2 C	1.25	2 B	0.5	2	1.5	2.125	2.5 B

P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB
0.875	3 C	1.875	2.026	4.702	VAR	1	3.875	VAR	VAR	4.602	4.601	5.906

LEFT SECTION

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)

RIGHT SECTION

COLORS: LEGEND, BORDER — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-200

NO PARKING/RESTRICTED PARKING (COMBINED SIGN)

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N
24	18	0.375	0.375	2.25	2 C	1.25	2 B	0.5	2	1.5	0.875	2.5 B

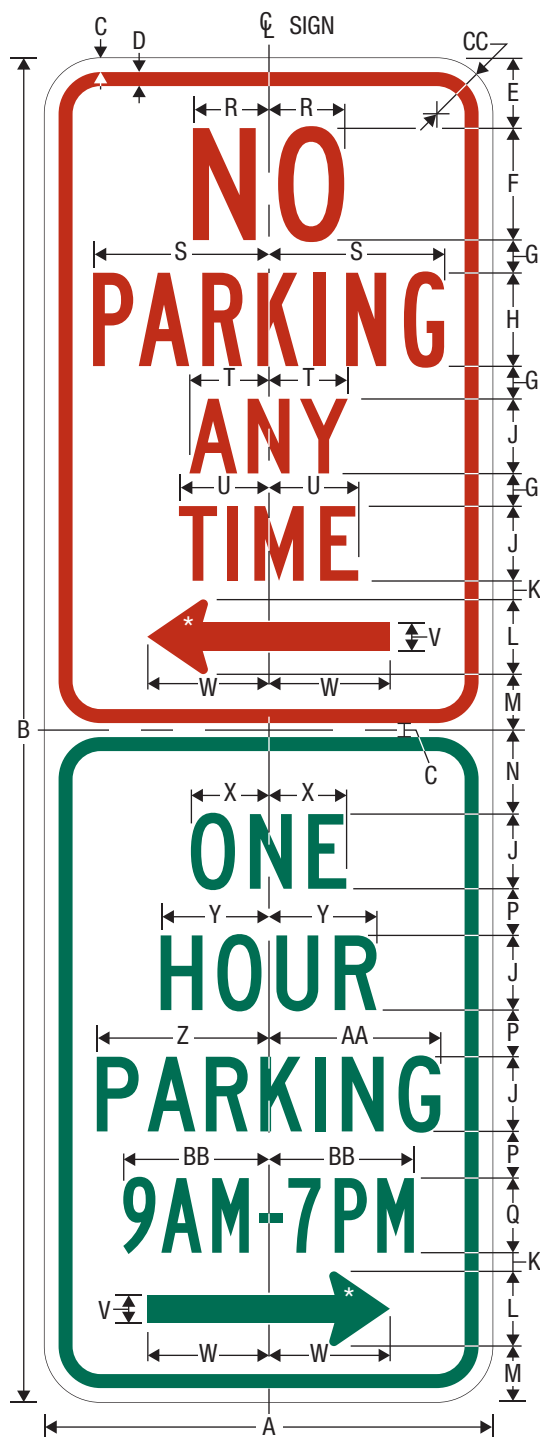
P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB
3 C	1.875	2.026	4.702	2.121	2.401	3.25	VAR	VAR	4.602	4.601	VAR	1

LEFT SECTION

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)

RIGHT SECTION

COLORS: LEGEND, BORDER — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-200a

NO PARKING/RESTRICTED PARKING (COMBINED SIGN)

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
12	36	0.375	0.375	1.875	3 C	0.875	2.5 B	2 C	0.5	2	1.5	2.25	1.25

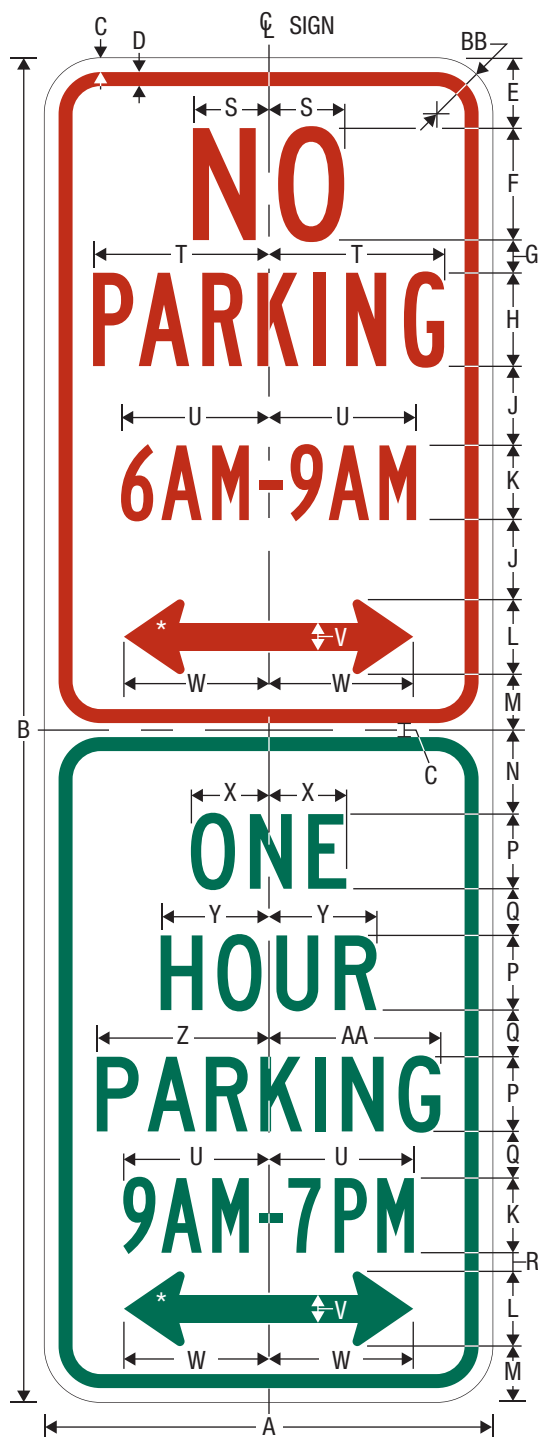
Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC
2 B	2.026	4.702	2.121	2.401	0.75	3.25	2.081	2.891	4.602	4.601	VAR	1.5

UPPER SECTION

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)

LOWER SECTION

COLORS: LEGEND, BORDER — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-200a

NO PARKING/RESTRICTED PARKING (COMBINED SIGN)

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
12	36	0.375	0.375	1.875	3 C	0.875	2.5 B	2.125	2 B	2	1.5	2.25	2 C

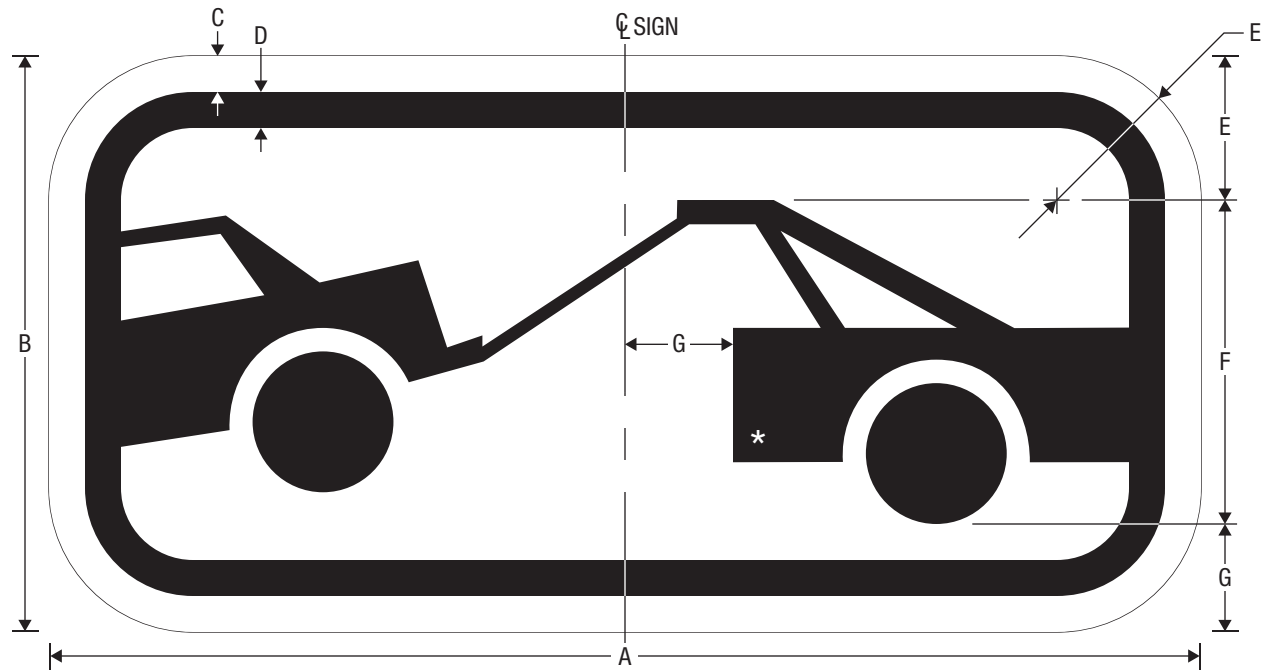
Q	R	S	T	U	V	W	X	Y	Z	AA	BB
1.25	0.5	2.026	4.702	VAR	0.75	3.875	2.081	2.891	4.602	4.601	1.5

UPPER SECTION

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)

LOWER SECTION

COLORS: LEGEND, BORDER — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)

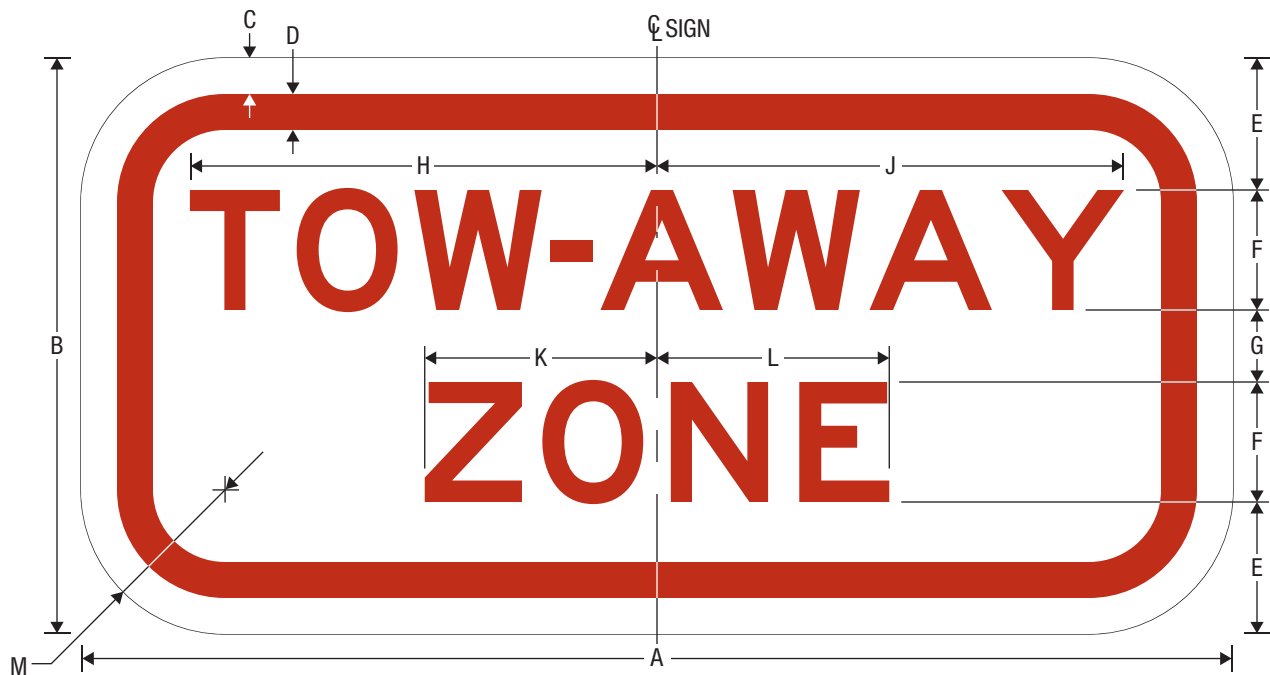


R7-201P
TOW AWAY ZONE (PLAQUE)

* See page 8-9 for symbol design.

A	B	C	D	E	F	G
12	6	0.375	0.375	1.5	3.375	1.125

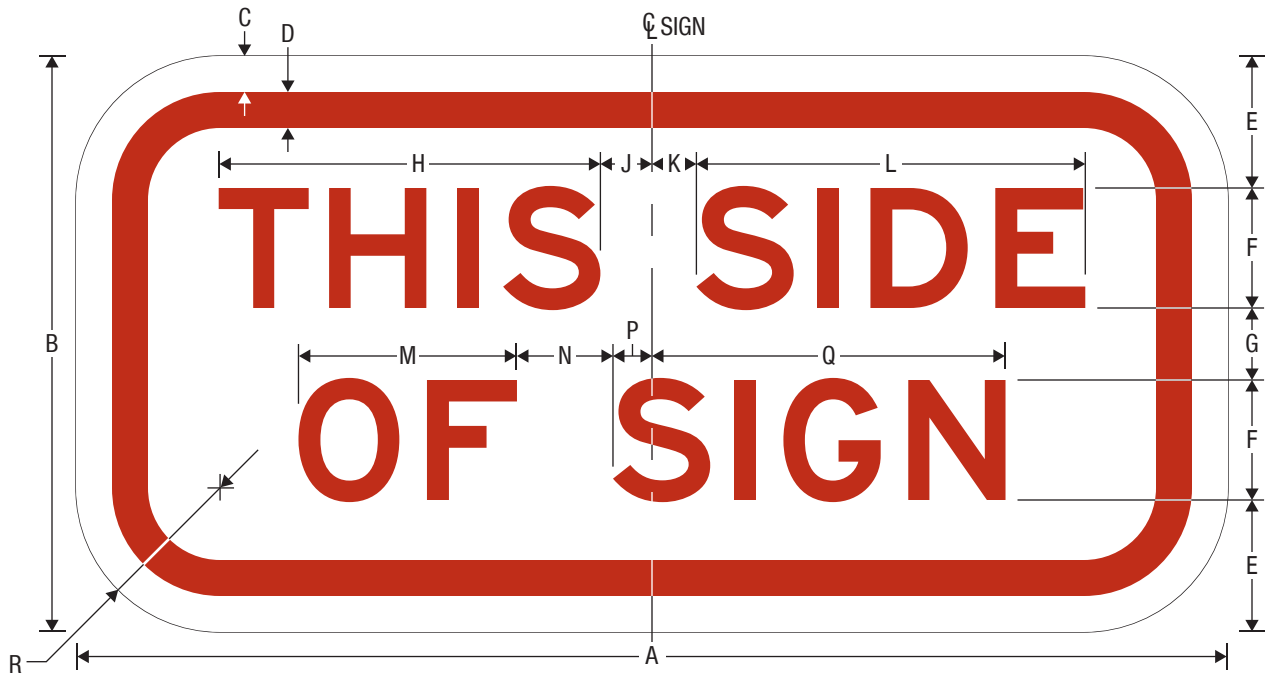
COLORS: LEGEND, BORDER — BLACK, OR
RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-201aP
TOW AWAY ZONE (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M
12	6	0.375	0.375	1.375	1.25 E	0.75	4.866	4.865	2.420	2.419	1.5

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)

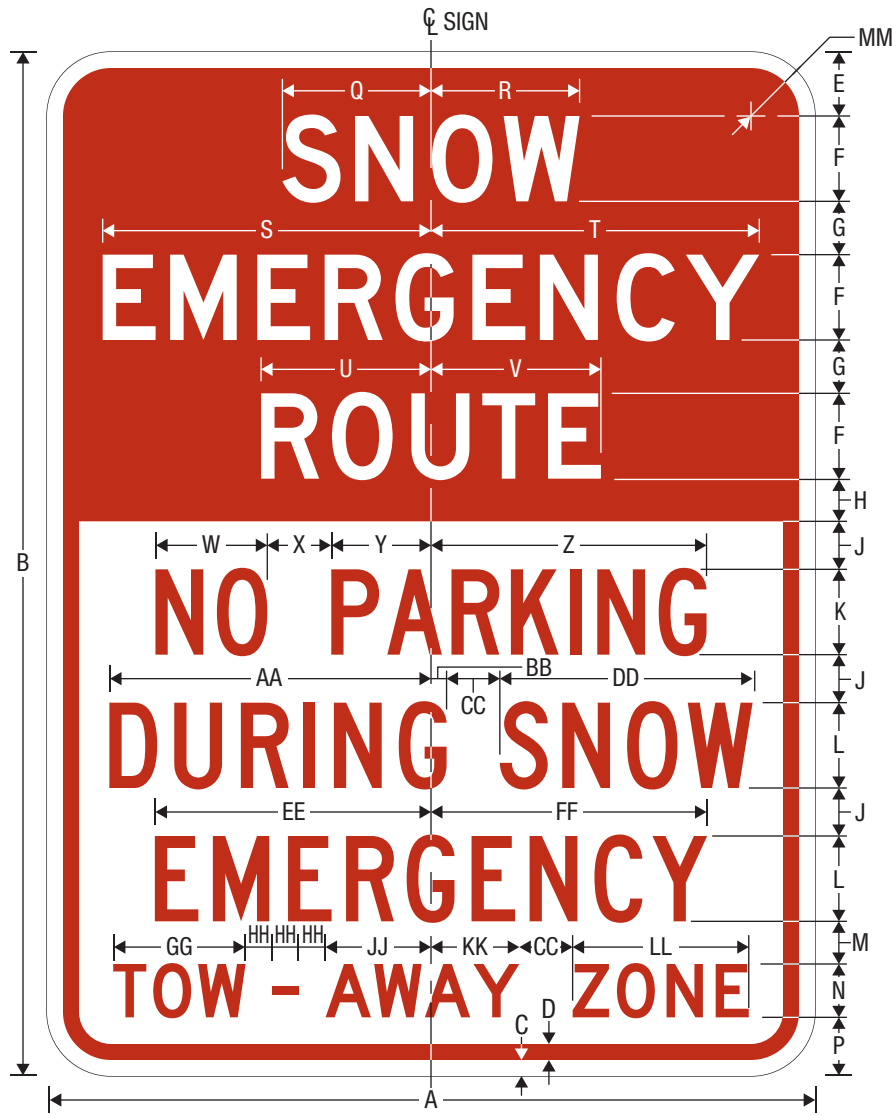


R7-202P
THIS SIDE OF SIGN (PLAQUE)

A	B	C	D	E	F	G	H
12	6	0.375	0.375	1.375	1.25 E	0.75	3.976

J	K	L	M	N	P	Q	R
0.538	0.462	4.051	2.276	1	0.407	3.682	1.5

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-203

SNOW EMERGENCY ROUTE

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M
18	24	0.375	0.375	1.5	2 D	1.25	1	1.125	2 C*	2 C	1
24	30	0.375	0.625	1.875	2.5 D	1.5	1.375	1.375	2.5 C*	2.5 C	1.25

N	P	Q	R	S	T	U	V	W	X	Y	Z
1.25 D	1.375	3.483	3.482	7.695	7.695	3.983	3.982	2.621	1.5	2.337	6.458
1.5 D	1.875	4.353	4.353	9.619	9.618	4.978	4.978	3.276	1.875	2.922	8.072

AA	BB	CC	DD	EE	FF	GG	HH	JJ	KK	LL	MM
7.538	0.365	1.25	5.903	6.473	6.472	3.102	0.625	2.471	2.069	4.128	1.5
9.391	0.487	1.5	7.403	8.091	8.090	3.722	0.75	2.965	2.483	4.953	1.5

UPPER SECTION

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — RED (RETROREFLECTIVE)

LOWER SECTION

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R8-1

NO PARKING ON PAVEMENT

* Reduce Spacing 60%.

A	B	C	D	E	F	G	H	J	K
24	30	0.375	0.625	3.625	5 D	2.25	5 C*	3 D	2.25
36	48	0.625	0.875	6	7 D	5	7 C*	4 D	4
48	60	0.75	1.25	7.5	9 D	6	9 C*	5 D	5

L	M	N	P	Q	R	S	T	U
4.028	4.028	9.974	9.974	2.417	2.417	9.921	9.920	1.5
5.640	5.639	13.964	13.963	3.223	3.222	13.228	13.227	2.25
7.251	7.250	17.953	17.953	4.028	4.028	16.535	16.534	3

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R8-2

NO PARKING EXCEPT ON SHOULDER

* Reduce Spacing 60%.

A	B	C	D	E	F	G	H	J	K
24	30	0.375	0.625	3.625	5 D	2.25	5 C*	3 C	2.25
36	48	0.625	0.875	6	7 D	5	7 C*	4 C	4
48	60	0.75	1.25	7.5	9 D	6	9 C*	5 C	5

L	M	N	P	Q	R	S	T	U	V
4.028	4.028	9.974	9.974	8.689	3.136	1.5	4.052	8.568	1.5
5.640	5.639	13.964	13.963	11.834	3.932	2.5	5.402	11.424	2.25
7.251	7.250	17.953	17.953	14.855	4.853	3.25	6.753	14.280	3

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R8-3
NO PARKING (SYMBOL)

A	B	C	D	E	F	G	H	J	K
12	0.375	0.375	1.125	1.875	6 E(m)	1.875	2.988	1	1.5
24	0.375	0.625	1.5	4.5	12 E(m)	3.75	5.976	2	1.5
30	0.5	0.75	1.875	5.625	15 E(m)	4.708	7.450	2.5	1.875
36	0.625	0.875	2.25	6.75	18 E(m)	5.625	8.964	3	2.25
48	0.75	1.25	3	9	24 E(m)	7.5	11.952	4	3

COLORS: LEGEND — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)
SYMBOL, BORDER — BLACK



R8-3a
NO PARKING

* Reduce Spacing 50%.

A	B	C	D	E	F	G	H	J	K	L	M	N
18	24	0.375	0.625	7	4 D	3	3 C	3.223	3.222	6.903	6.902	1.5
24	30	0.375	0.625	7.25	6 D	4.5	5 C*	4.834	4.834	10.229	10.229	1.5
36	36	0.625	0.875	7.5	8 D	6	7 C*	6.445	6.445	14.321	14.320	2.25
48	48	0.75	1.25	10.5	10 D	8	9 C*	8.057	8.056	18.412	18.412	3

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R8-3c
ON PAVEMENT

* Reduce Spacing 40%.

A	B	C	D	E	F	G	H	J	K
18	30	0.375	0.625	1.5	3	9 E(m)	2	2.75 D	2.25
24	36	0.375	0.625	1.5	4.5	12 E(m)	2	3 D	2.25
36	54	0.625	0.875	2.25	6.75	18 E(m)	2.875	5 D	2.875

L	M	N	P	Q	R	S	T	U	V
2.75 C*	3.75	2.825	4.470	1.5	2.216	2.215	7.129	7.128	1.5
3 D	3.25	3.750	5.976	2	2.417	2.417	9.921	9.920	1.5
5 C	4.5	5.625	8.964	3	4.028	4.028	13.981	13.980	2.25

COLORS: BORDER, CIRCLE, DIAGONAL — RED (RETROREFLECTIVE)
SYMBOL — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R8-3d
ON BRIDGE

A	B	C	D	E	F	G	H	J	K
18	30	0.375	0.625	1.5	3	9 E(m)	2	3 D	2
24	36	0.375	0.625	1.5	4.5	12 E(m)	1.75	3.5 D	1.875
36	54	0.625	0.875	2.25	6.75	18 E(m)	2.875	5 D	2.875

L	M	N	P	Q	R	S	T	U
3.5	2.825	4.470	1.5	2.417	2.417	6.755	6.755	1.5
2.875	3.750	5.976	2	2.820	2.819	7.881	7.880	1.5
4.5	5.625	8.964	3	4.028	4.028	11.258	11.258	2.25

COLORS: CIRCLE, DIAGONAL, BORDER — RED (RETROREFLECTIVE)
SYMBOL — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



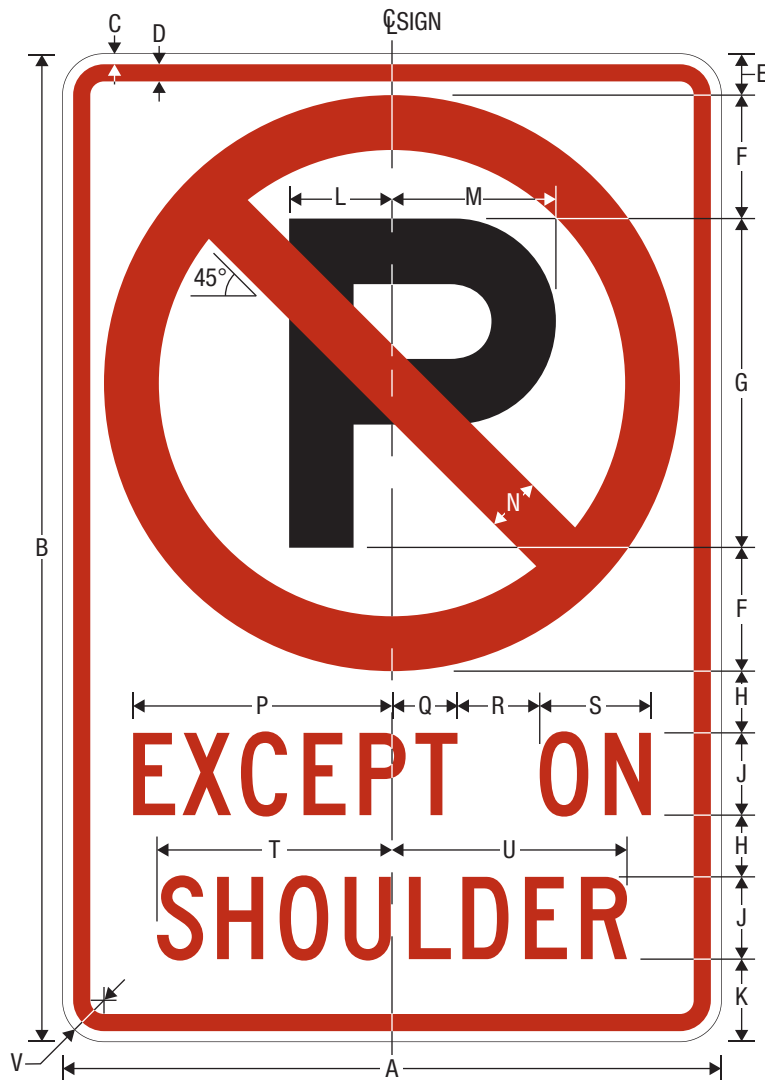
R8-3e
ON TRACKS

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K
18	30	0.375	0.625	1.5	3	9 E(m)	2	3 D	2
24	36	0.375	0.625	1.5	4.5	12 E(m)	1.75	3.5 D	1.875
36	54	0.625	0.875	2.25	6.75	18 E(m)	2.875	5 D	2.875

L	M	N	P	Q	R	S	T	U	V
3 D*	3.5	2.825	4.470	1.5	2.417	2.417	7.137	7.136	1.5
3.5 D	2.875	3.750	5.976	2	2.820	2.819	8.564	8.563	1.5
5 D	4.5	5.625	8.964	3	4.028	4.028	12.234	12.234	2.25

COLORS: CIRCLE, DIAGONAL, BORDER — RED (RETROREFLECTIVE)
SYMBOL — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R8-3f
EXCEPT ON SHOULDER

* Reduce Spacing 30%.

A	B	C	D	E	F	G	H	J	K
18	30	0.375	0.625	1.5	3	9 E(m)	2.5	2.5 C*	3.5
24	36	0.375	0.625	1.5	4.5	12 E(m)	2.25	3 C	3
36	54	0.625	0.875	2.25	6.75	18 E(m)	3.25	4.5 C	4.75

L	M	N	P	Q	R	S	T	U	V
2.825	4.470	1.5	7.028	2.301	1.5	3.226	6.653	6.652	1.5
3.750	5.976	2	9.438	2.387	3	4.052	8.568	8.568	1.5
5.625	8.964	3	13.907	3.830	4	6.077	12.852	12.852	2.25

COLORS: CIRCLE, DIAGONAL, BORDER — RED (RETROREFLECTIVE)
SYMBOL — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R8-4
EMERGENCY PARKING ONLY

* Reduce Spacing 50%.

A	B	C	D	E	F	G	H	J	K	L	M	N
30	24	0.375	0.625	3.5	4 C	2.5	4 D	12.945	12.945	10.888	6.784	1.5
48	36	0.625	0.875	5	6 D*	4	6 D	20.880	20.879	16.332	10.176	2.25

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



R8-5

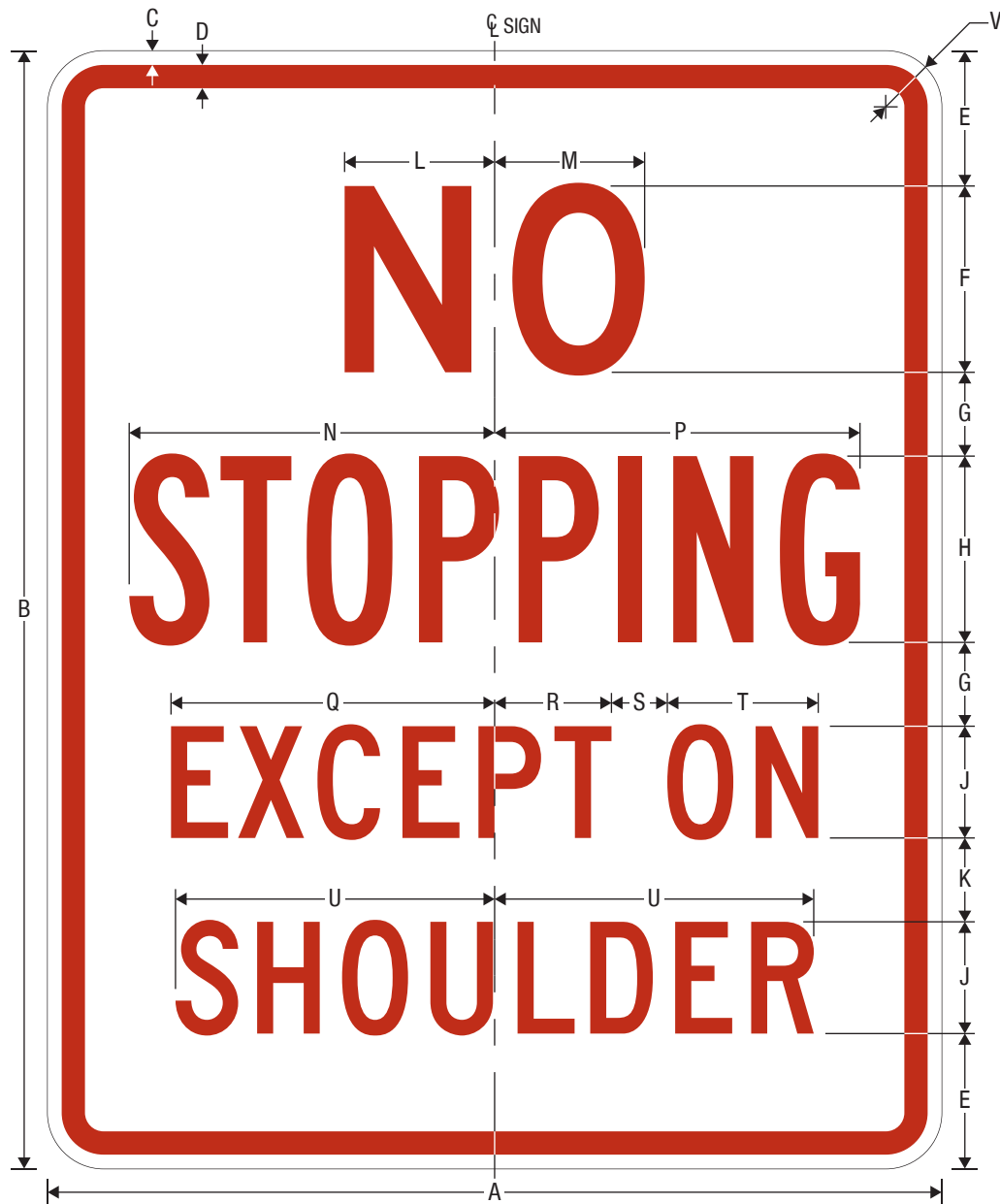
NO STOPPING ON PAVEMENT

* Reduce Spacing 25%.

A	B	C	D	E	F	G	H	J	K
24	30	0.375	0.625	3.625	5 D	2.25	5 B*	3 D	2.25
36	48	0.625	0.875	6	7 D	5	7 B*	4 D	4
48	60	0.75	1.25	7.5	9 D	6	9 B*	5 D	5

L	M	N	P	Q	R	S	T	U
4.028	4.028	9.811	9.810	2.417	2.417	9.921	9.920	1.5
5.640	5.639	13.735	13.735	3.223	3.222	13.228	13.227	2.25
7.251	7.250	17.659	17.659	4.028	4.028	16.535	16.534	3

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R8-6

NO STOPPING EXCEPT ON SHOULDER

* Reduce Spacing 25%.

A	B	C	D	E	F	G	H	J	K
24	30	0.375	0.625	3.625	5 D	2.25	5 B*	3 C	2.25
36	48	0.625	0.875	6	7 D	5	7 B*	4 C	4
48	60	0.75	1.25	7.5	9 D	6	9 B*	5 C	5

L	M	N	P	Q	R	S	T	U	V
4.028	4.028	9.811	9.810	8.689	3.136	1.5	4.052	8.568	1.5
5.640	5.639	13.735	13.735	11.835	3.931	2.5	5.402	11.424	2.25
7.251	7.250	17.659	17.659	14.855	4.853	3.25	6.753	14.280	3

COLORS: LEGEND, BORDER — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)

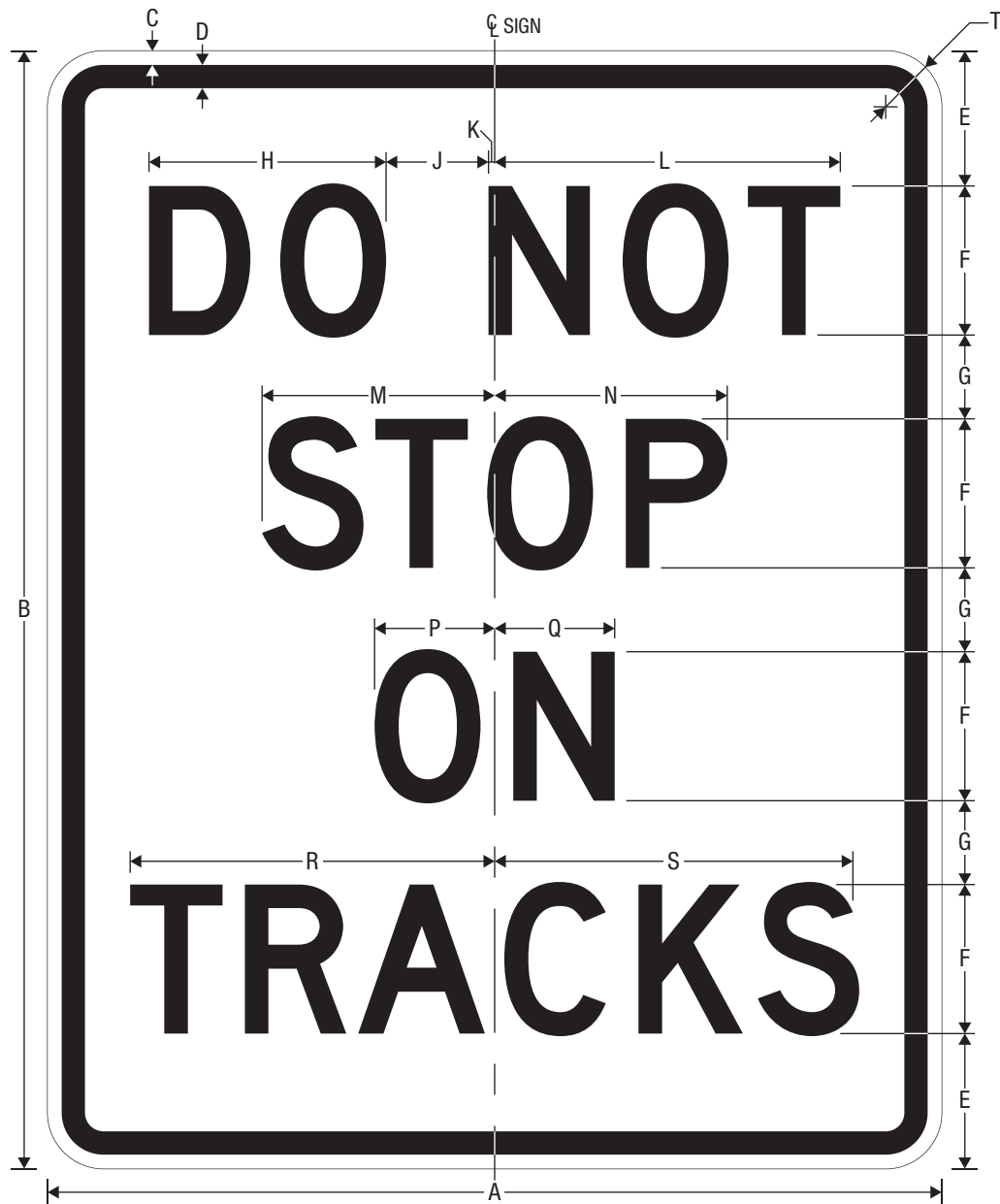


R8-7
EMERGENCY STOPPING ONLY

★ Reduce Spacing 50%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
30	24	0.375	0.625	3.5	4 C	2.5	4 D	12.945	12.945	12.169	12.169	6.784	1.5
48	36	0.625	0.875	5	6 D★	4	6 D	20.880	20.879	18.254	18.253	10.176	2.25

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



R8-8

DO NOT STOP ON TRACKS

A	B	C	D	E	F	G	H	J
24	30	0.375	0.625	3.625	4 D	2.25	6.365	2.75
36	48	0.625	0.875	6	6 D	4	9.548	4.25

K	L	M	N	P	Q	R	S	T
0.166	9.280	6.245	6.244	3.223	3.222	9.787	9.787	1.5
0.186	13.983	9.366	9.366	4.834	4.834	14.681	14.680	2.25

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

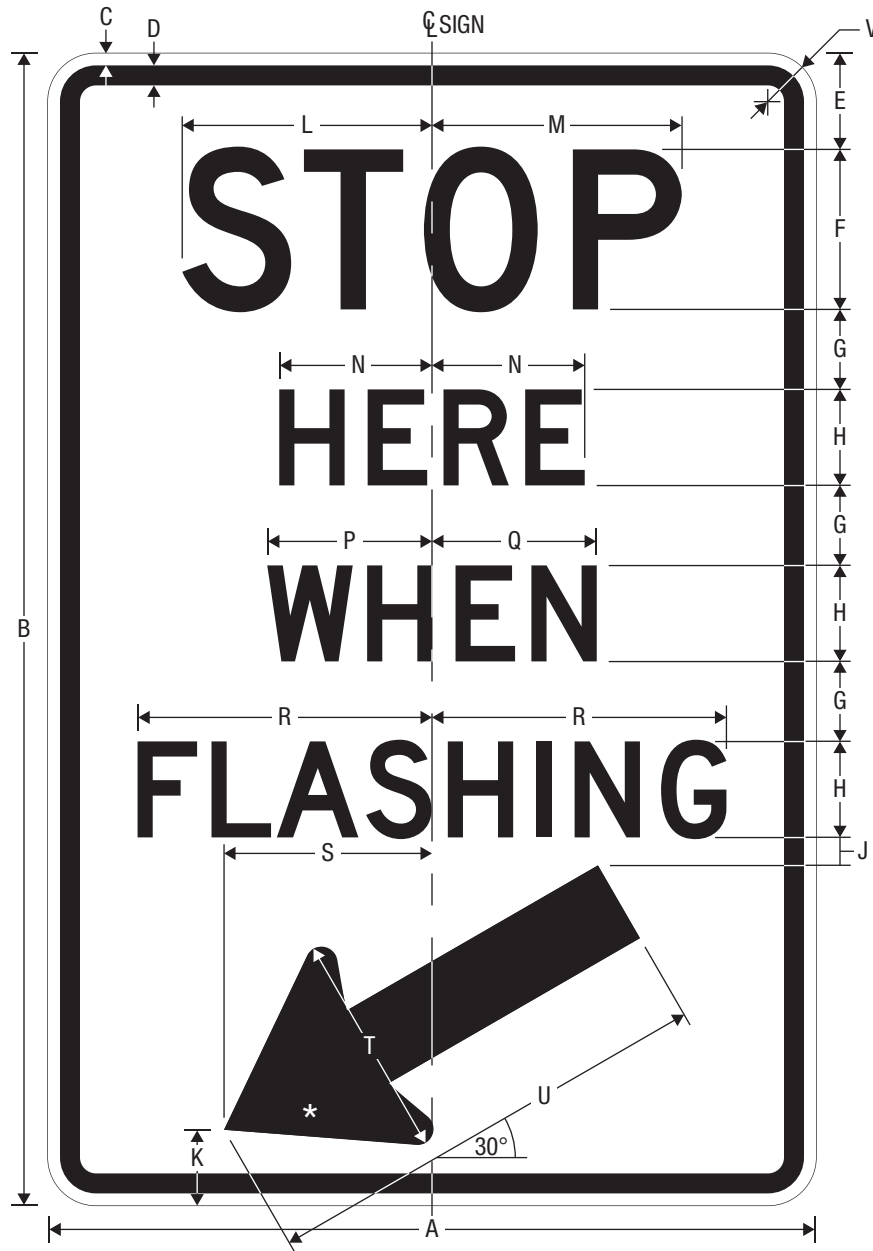


R8-9

TRACKS OUT OF SERVICE

A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	0.375	0.625	3	4 C	8.123	8.123	7.853	0.150	2.5	5.202	8.863	8.863	1.5
36	0.625	0.875	4.5	6 C	12.185	12.184	11.779	0.226	3.75	7.803	13.295	13.294	2.25

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



R8-10

STOP HERE WHEN FLASHING

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
24	36	0.375	0.625	3	5 D	2.5	3 D	0.875	2.364
36	48	0.625	0.875	4	7 D	3	4 D	1.625	3.373

L	M	N	P	Q	R	S	T	U	V
7.806	7.805	4.773	5.149	5.148	9.201	6.498	7	14.25	1.5
10.928	10.928	6.364	6.865	6.864	12.268	8.666	9.25	19	2.25

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



R8-10aL

STOP HERE WHEN FLASHING



R8-10aR

STOP HERE WHEN FLASHING

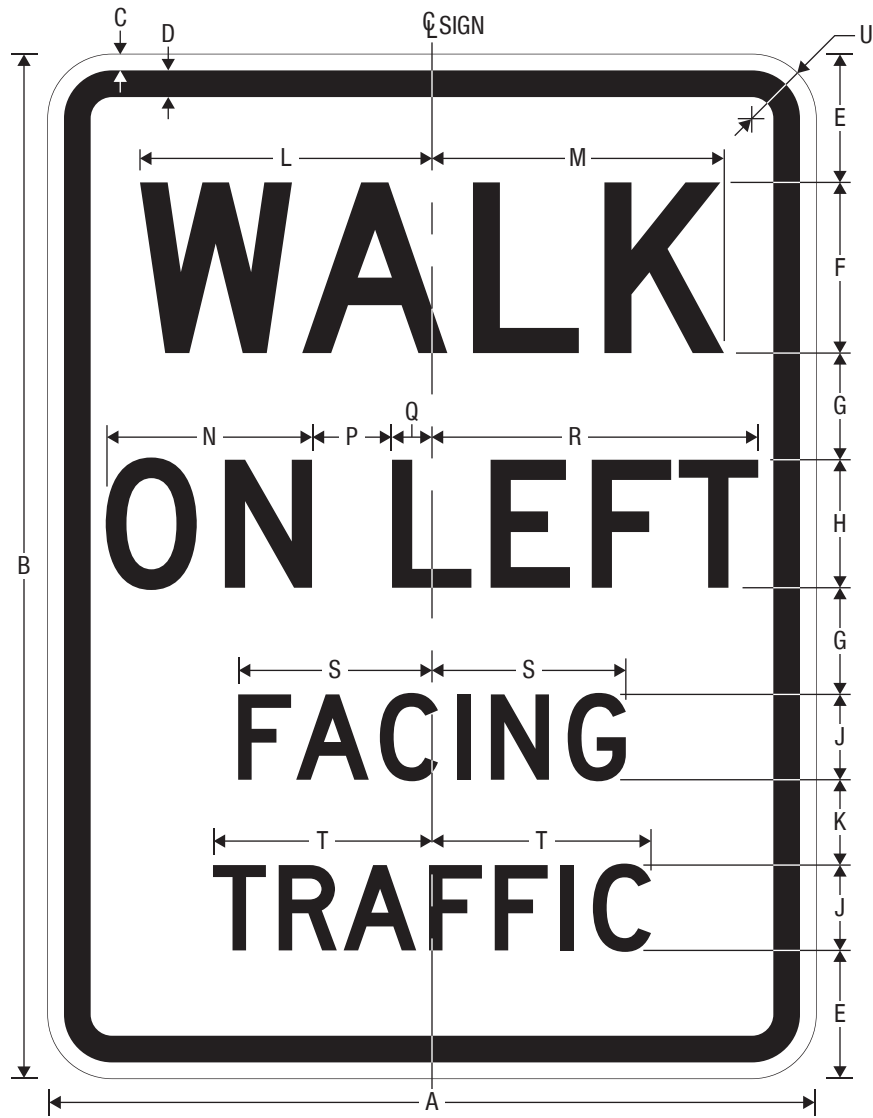
* See 7-7 for arrow design.

** Reduce Spacing 30%.

A	B	C	D	E	F	G	H	J	K	L
24	30	0.375	0.625	3	5 D	1.5	3 D	6.5	2	3 D**
36	42	0.625	0.875	4	7 D	2.5	4 D	10	2.5	4 D**

M	N	P	Q	R	S	T	U	V	W	X
8.75	7.75	7.806	7.805	4.773	9.375	6.992	1.627	8.670	8.679	1.5
11.375	11.625	10.928	10.928	6.364	14	10.550	2.169	11.560	11.572	2.25

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



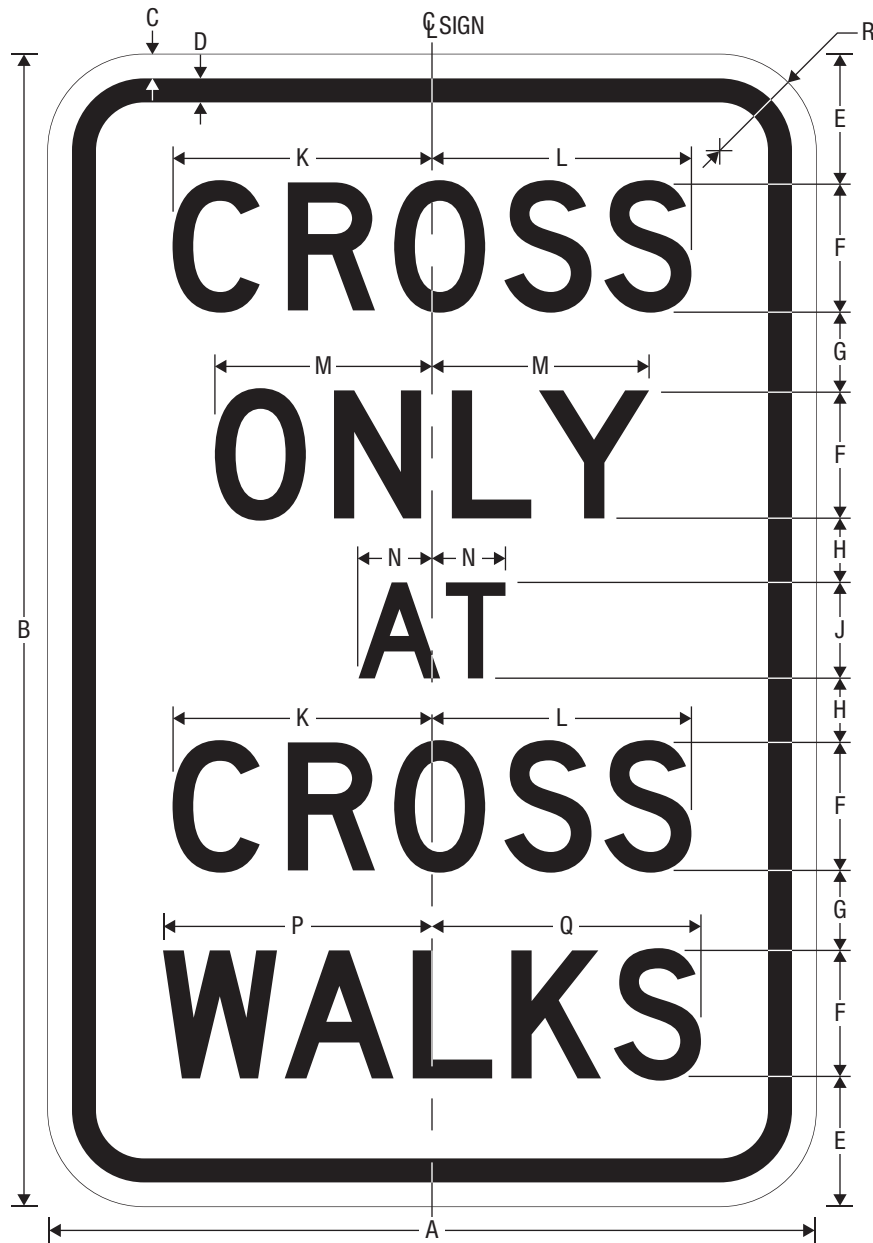
R9-1

WALK ON LEFT FACING TRAFFIC

A	B	C	D	E	F	G	H	J	K
18	24	0.375	0.625	3	4 D	2.5	3 D	2 D	2

L	M	N	P	Q	R	S	T	U
6.844	6.843	4.834	1.875	0.937	7.646	4.543	5.133	1.5

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



R9-2

CROSS ONLY AT CROSSWALKS

A	B	C	D	E	F	G	H
12	18	0.375	0.375	2	2 D	1.25	1

J	K	L	M	N	P	Q	R
1.5 D	4.054	4.053	3.392	1.148	4.203	4.202	1.5

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



R9-3
NO PEDESTRIAN CROSSING (SYMBOL)

* See page 8-7 for symbol design.

A	B	C	D	E	F	G	H	J
18	0.375	0.625	1.125	2.375	5.5	1.5	3.5	1.5
24	0.375	0.625	1.5	3	7.5	2	5.125	1.5
30	0.5	0.75	1.875	3.75	9.375	2.5	6.25	1.875

COLORS: CIRCLE, DIAGONAL— RED (RETROREFLECTIVE)
SYMBOL, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



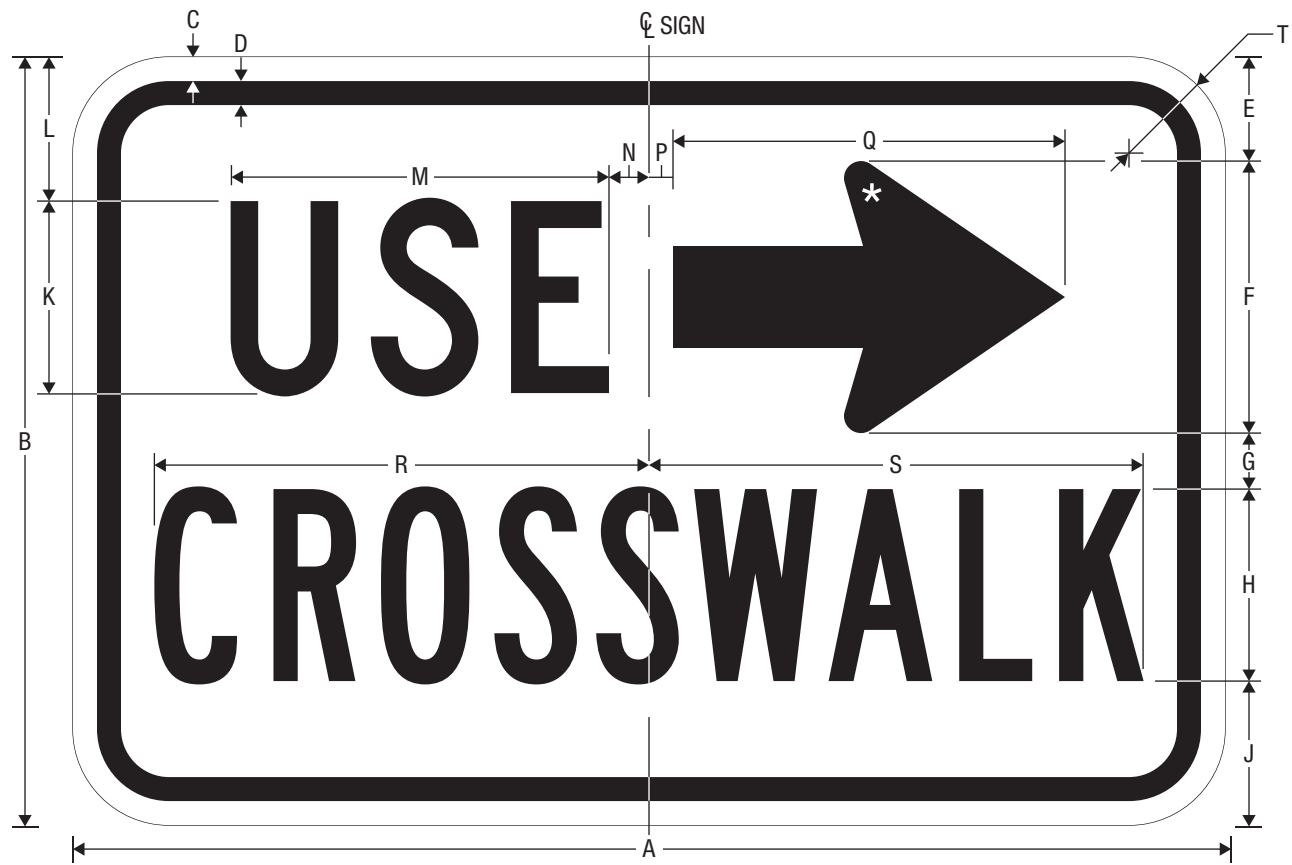
R9-3a
NO PEDESTRIAN CROSSING

* Reduce Spacing 35%.
* * Reduce Spacing 40%.

A	B	C	D	E	F	G
12	18	0.375	0.375	3	3 C	2.25

H	J	K	L	M	N	P
2 B*	2 C**	3.5	2.026	4.775	4.818	1.5

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



R9-3bP
USE CROSSWALK (PLAQUE)

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
18	12	0.375	0.375	1.625	4.25	0.875	3 B	2.25

K	L	M	N	P	Q	R	S	T
3 C	2.25	5.912	0.625	0.375	6.125	7.729	7.728	1.5

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



R9-3cP

RIDE WITH TRAFFIC (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L
12	0.375	0.25	2	2 C	1	2.361	2.391	4.282	4.281	1.5

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

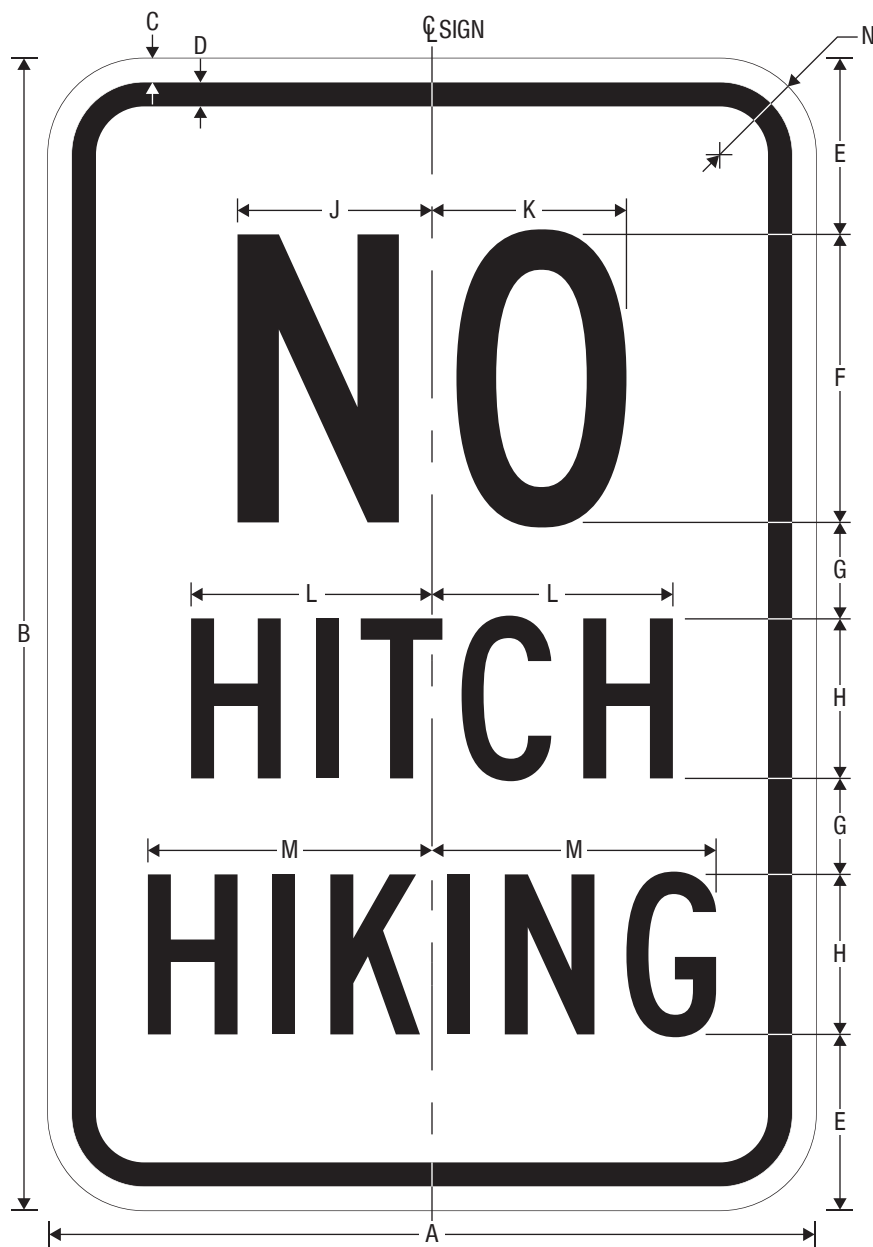


R9-4
NO HITCHHIKING (SYMBOL)

* See page 8-6 for symbol design.

A	B	C	D	E	F	G	H	J	K	L
18	0.375	0.625	1.125	2.875	5	5.5	2.375	1.5	4.625	1.5
24	0.375	0.625	1.5	3.75	6.75	7.25	3.25	2	6.25	1.5

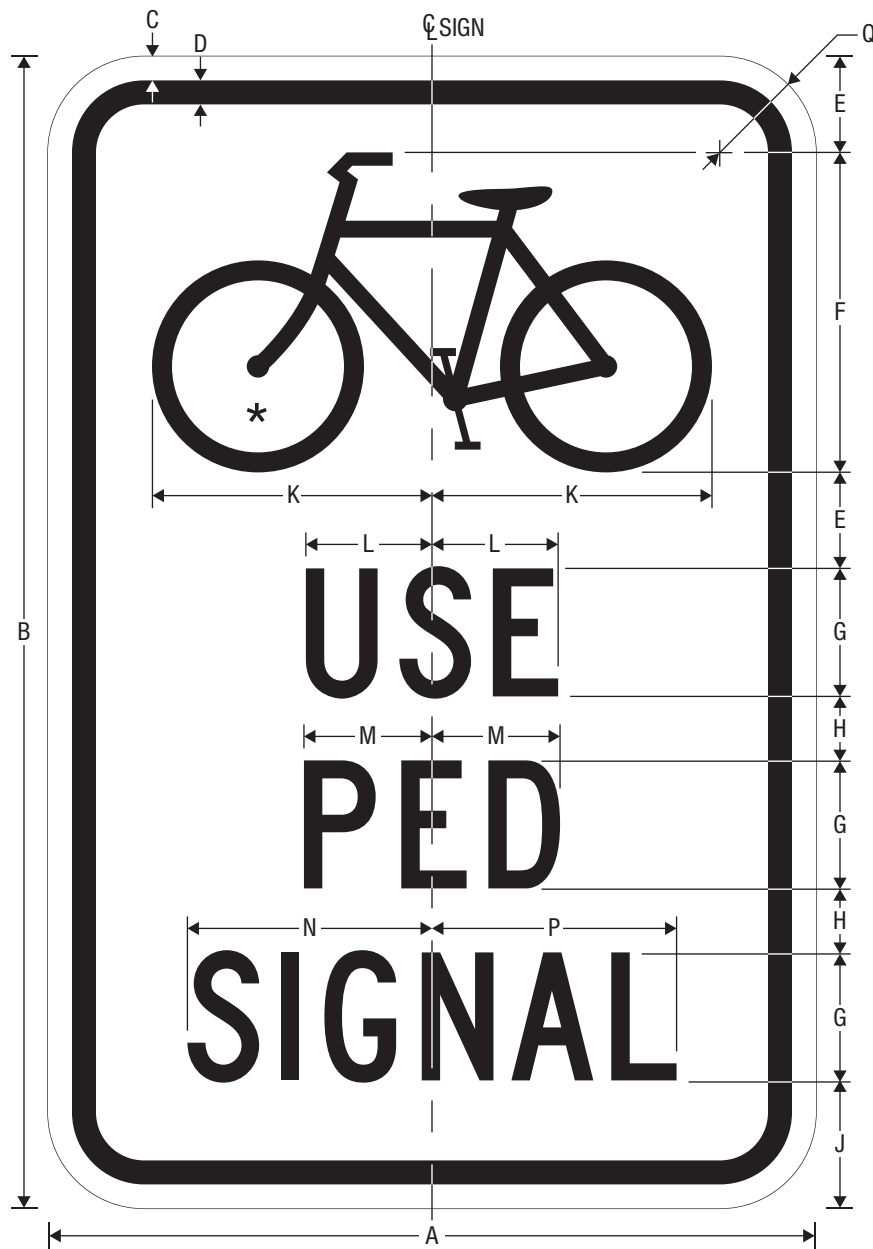
COLORS: CIRCLE, DIAGONAL— RED (RETROREFLECTIVE)
SYMBOL, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R9-4a
NO HITCHHIKING

A	B	C	D	E	F	G	H	J	K	L	M	N
12	18	0.375	0.375	2.75	4.5 C	1.5	2.5 C	3.039	3.038	3.764	4.439	1.5
18	24	0.375	0.625	3	6 C	2	4 C	4.052	4.051	6.022	7.102	1.5

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



R9-5

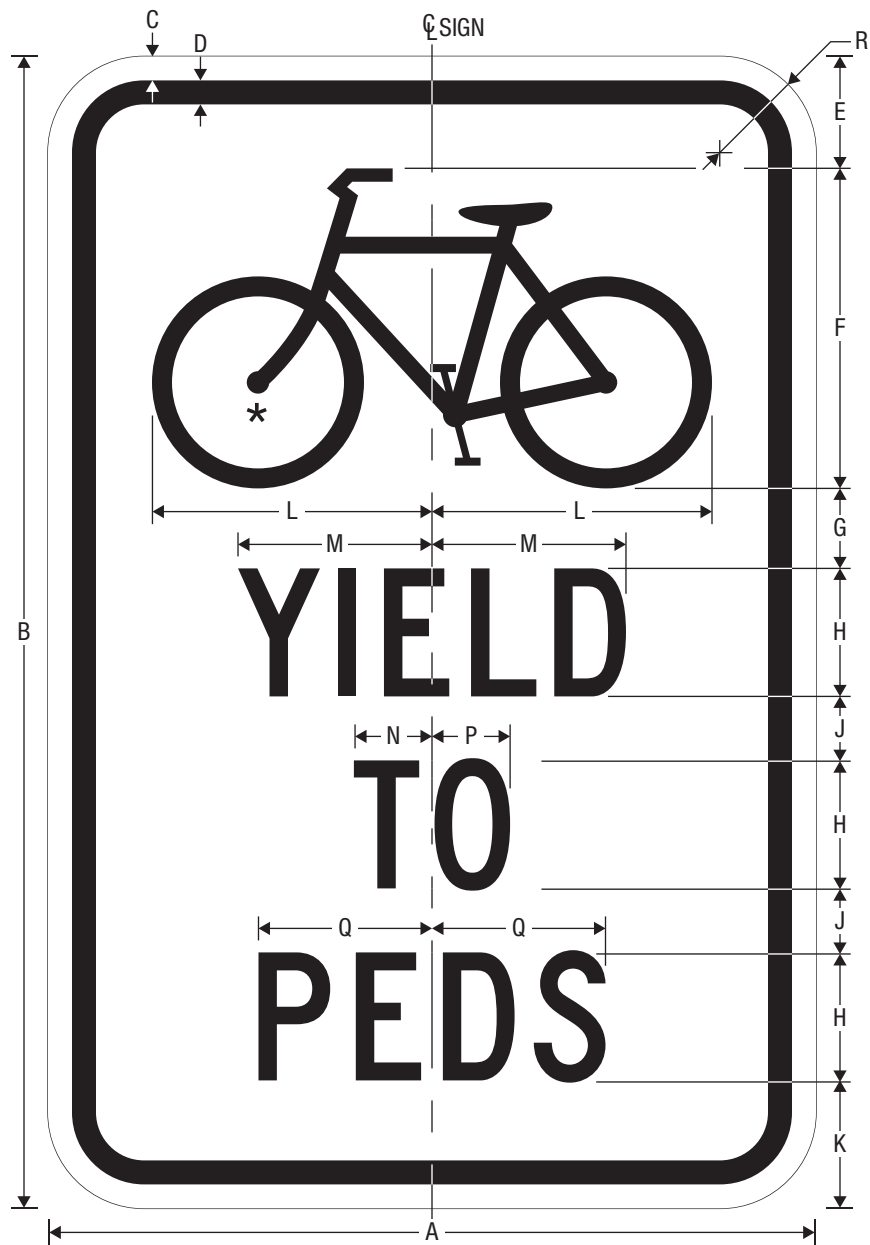
BICYCLES USE PEDESTRIAN SIGNAL

* See page 8-4 for symbol design.

A	B	C	D	E	F	G	H
12	18	0.375	0.375	1.5	5	2 C	1

J	K	L	M	N	P	Q
2	4.375	1.971	2.001	3.822	3.821	1.5

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



R9-6

BICYCLES YIELD TO PEDESTRIANS

* See page 8-4 for symbol design.

A	B	C	D	E	F	G	H
12	18	0.375	0.375	1.75	5	1.25	2 C

J	K	L	M	N	P	Q	R
1	2	4.375	3.031	1.221	1.220	2.711	1.5

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



R9-7

SHARED-USE PATH RESTRICTION

* See page 8-4 for symbol design.

** See page 8-7 for symbol design.

A	B	C	D	E	F	G	H	J	K
12	18	0.375	0.375	2	4 B	1.5	1.75 B	2.25	4.5

L	M	N	P	Q	R	S	T	U	V
2.5	4.222	3.292	0.875	0.188	0.187	0.375	4.342	0.5	1.5

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



R9-13
NO SKATERS

* See page 8-82 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M	N
18	0.375	0.625	4.688	4.313	4.312	4.687	5.283	5.282	6.375	7.875	1.5	1.5
24	0.375	0.625	6.25	5.75	5.75	6.25	7.043	7.042	8.5	10.5	2	1.5
30	0.5	0.75	7.813	7.188	7.187	7.812	8.805	8.804	10.625	13.125	2.5	1.875

COLORS: CIRCLE, DIAGONAL— RED (RETROREFLECTIVE)
SYMBOL, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)

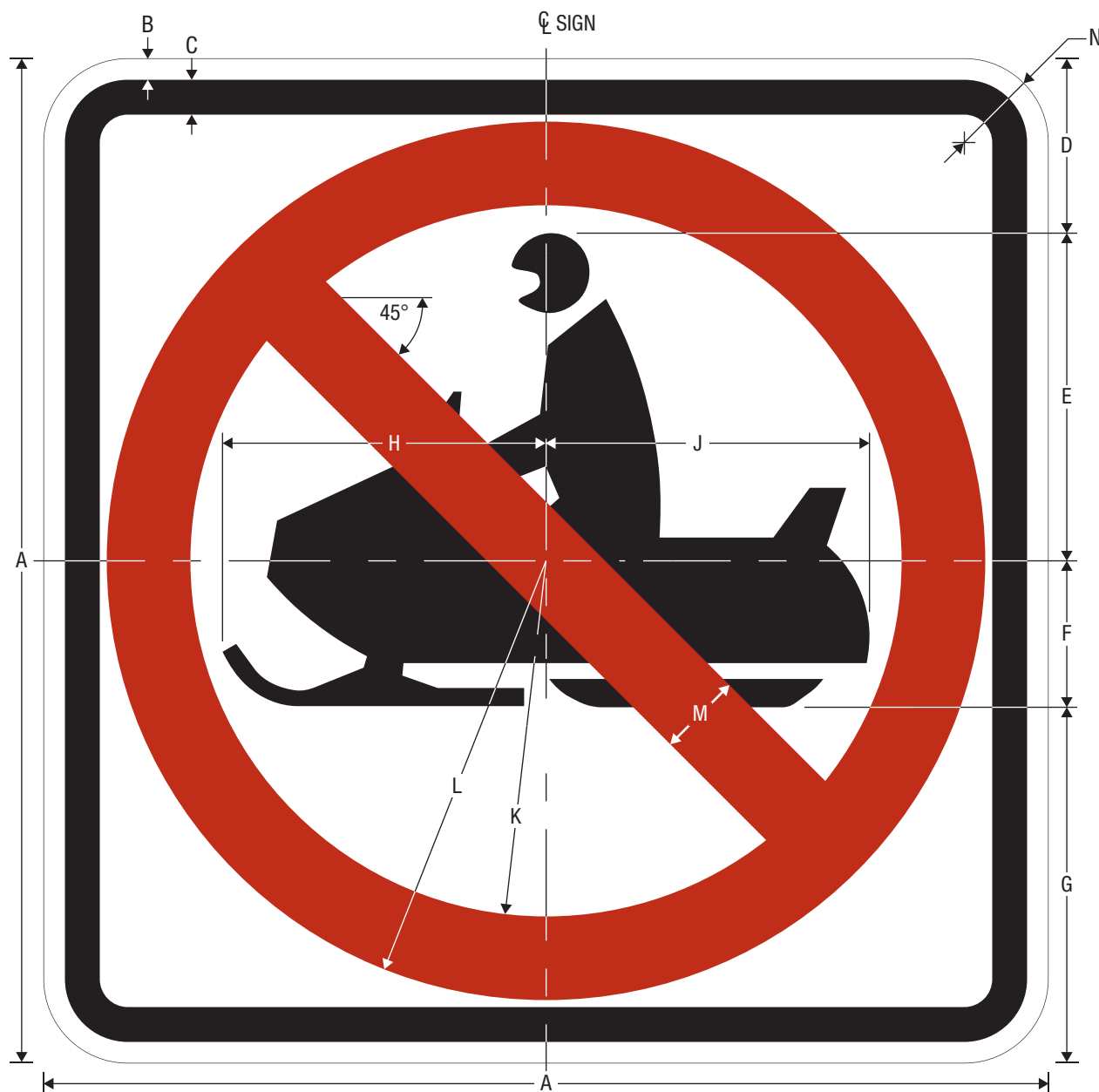


R9-14
NO EQUESTRIANS

* See page 8-44 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M	N
18	0.375	0.625	3.5	5.5	4.5	4.5	5.437	5.436	6.375	7.875	1.5	1.5
24	0.375	0.625	4.625	7.375	5.875	6.125	7.204	7.203	8.5	10.5	2	1.5
30	0.5	0.75	5.875	9.125	7.375	7.625	8.970	8.970	10.625	13.125	2.5	1.875

COLORS: CIRCLE, DIAGONAL— RED (RETROREFLECTIVE)
SYMBOL, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R9-15
NO SNOWMOBILES

★ See page 8-43 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M	N
18	0.375	0.625	3.125	5.875	2.625	6.375	5.800	5.799	6.375	7.875	1.5	1.5
24	0.375	0.625	4	8	3.5	8.5	7.847	7.846	8.5	10.5	2	1.5
30	0.5	0.75	5	10	4.375	10.625	9.808	9.808	10.625	13.125	2.5	1.875

COLORS: CIRCLE, DIAGONAL— RED (RETROREFLECTIVE)
SYMBOL, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)

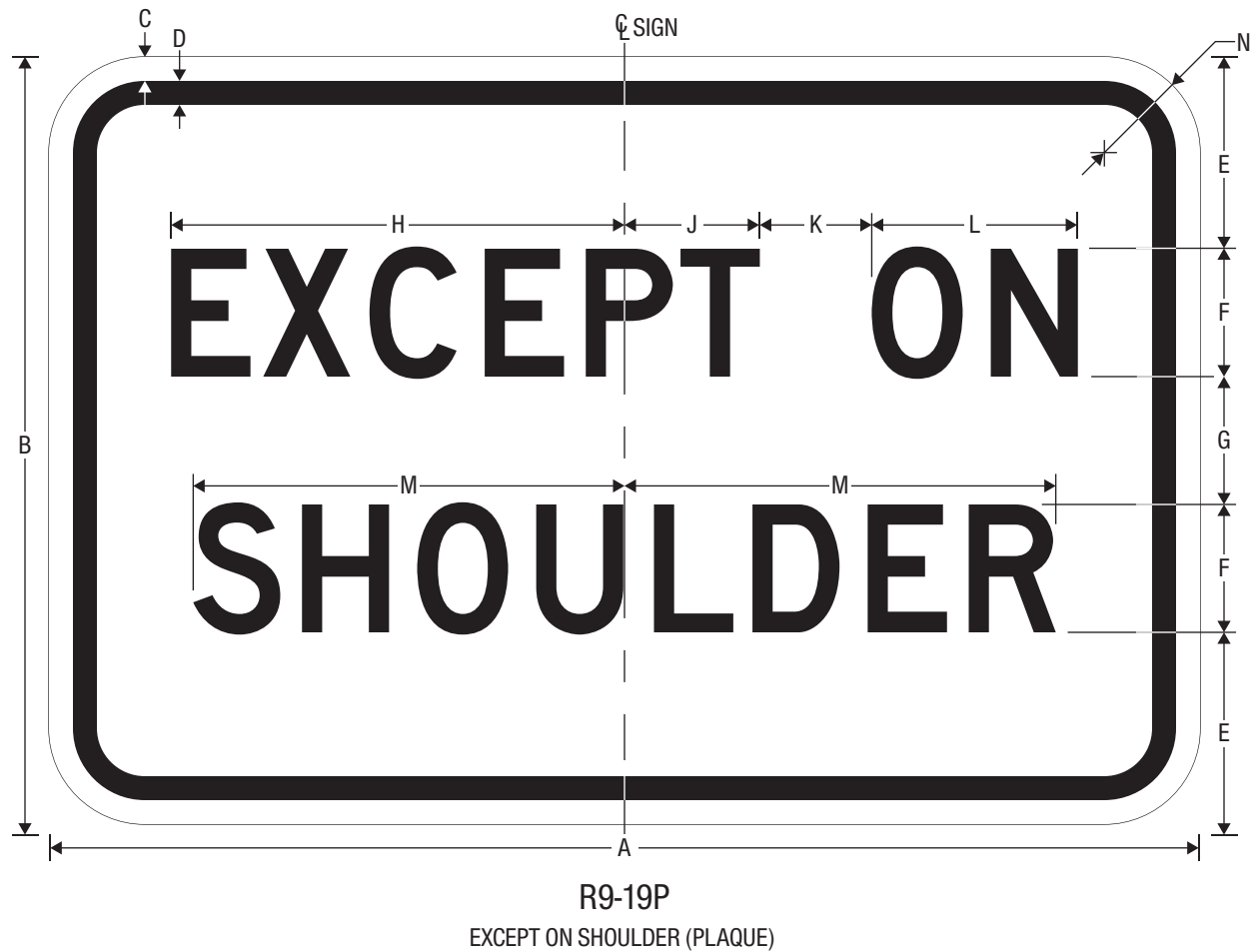


R9-16
NO ALL-TERRAIN VEHICLES

★ See page 8-73 for symbol design.

A	B	C	D	E	F	G	H	J	K	L
18	0.375	0.625	4.125	4.875	3.125	5.875	6.375	7.875	1.5	1.5
24	0.375	0.625	5.375	6.625	4.125	7.875	8.5	10.5	2	1.5
30	0.5	0.75	6.75	8.25	5	10	10.625	13.125	2.5	1.875

COLORS: CIRCLE, DIAGONAL— RED (RETROREFLECTIVE)
SYMBOL, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



A	B	C	D	E	F	G	H	J	K	L	M	N
18	12	0.375	0.375	3	2 D	2	7.090	2.116	1.75	3.223	6.745	1.5
24	18	0.375	0.5	4.5	3 C	3	9.439	2.386	3	4.052	8.568	1.5
30	24	0.375	0.625	6	4 C	4	12.334	3.432	3.5	5.402	11.424	1.5

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



R9-20

BICYCLES ALLOWED USE OF FULL LANE

* See page 8-4 for symbol design.

** Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L
30	0.5	0.75	2.25	9	1.5	3.5 D	2	3.5 D**	2.75	7.875

M	N	P	Q	R	S	T	U	V	W
10.278	8.126	0.401	3.099	5.428	10.407	1.652	1.098	10.961	1.875

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



R9-21

BICYCLES USE SHOULDER ONLY

* See page 8-4 for symbol design.

** Reduce Spacing 20%.

A	B	C	D	E	F	G	H
24	30	0.375	0.625	2.75	7.5	2.125	3.5 C

J	K	L	M	N	P	Q	R
3.5 C**	2.875	6.563	6.562	3.449	9.541	4.867	1.5

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



R9-22
BICYCLES MUST EXIT

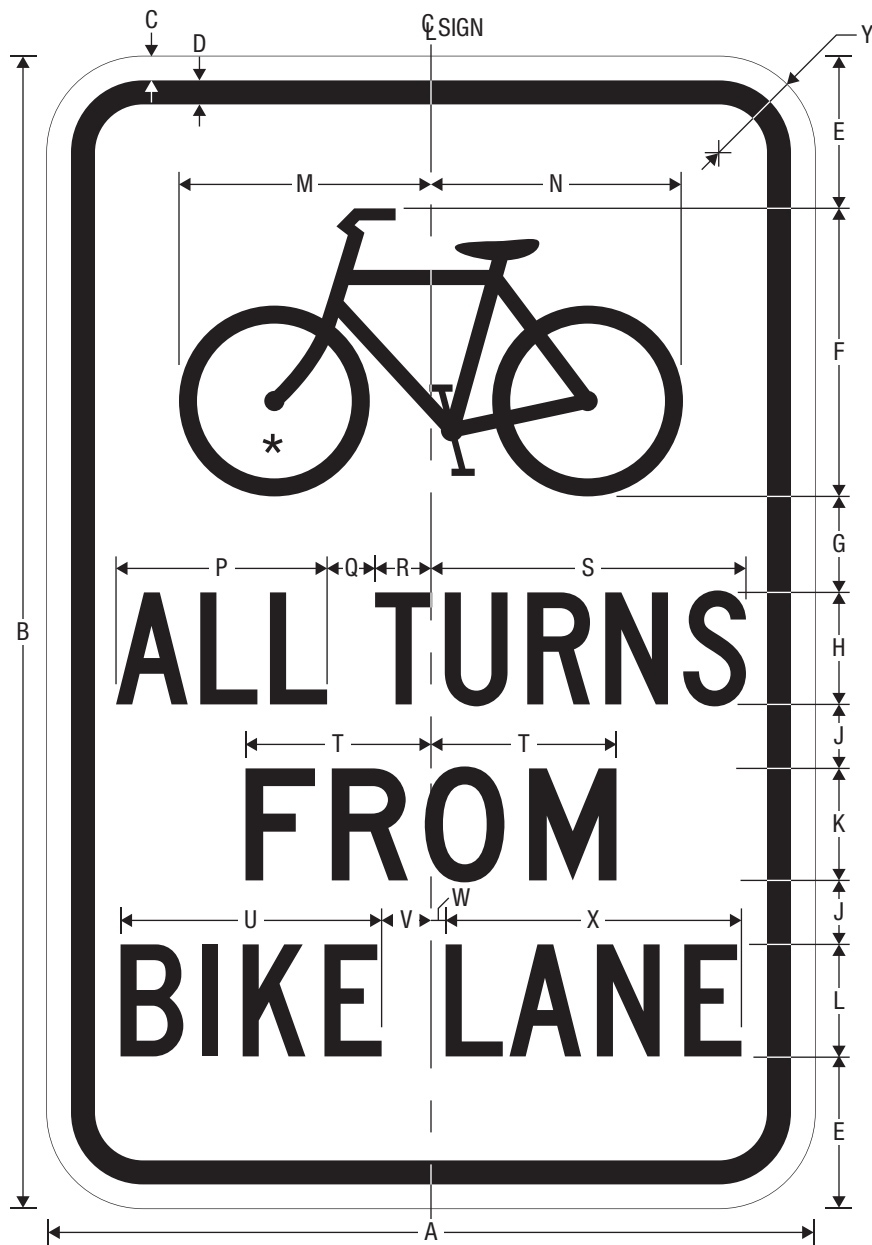
* Reduce Spacing 30%.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
24	30	0.375	0.625	2.875	4 C*	2.349	4 C	9.582

K	L	M	N	P	Q	R	S	T
9.581	5.543	5.542	4.242	4.241	5.447	5.25	12	1.5

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



R9-23

BICYCLE ALL TURNS FROM BIKE LANE

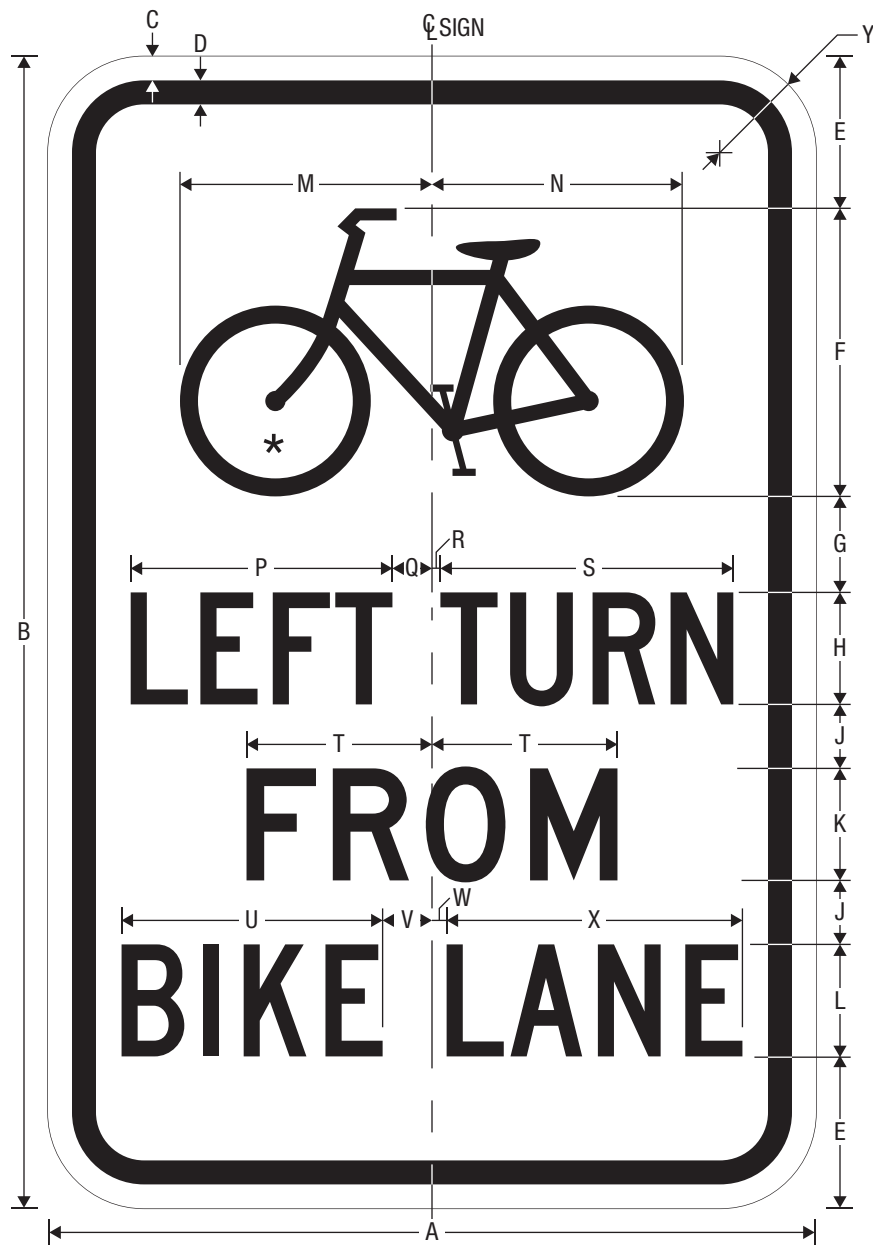
* See page 8-4 for symbol design.

** Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M
12	18	0.375	0.375	2.375	4.5	1.5	1.75 C**	1	1.75 D	1.75 C	3.938

N	P	Q	R	S	T	U	V	W	X	Y
3.937	3.298	0.75	0.874	4.921	2.898	4.079	0.772	0.228	4.622	1.5

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



R9-23a

BICYCLE LEFT TURN FROM BIKE LANE

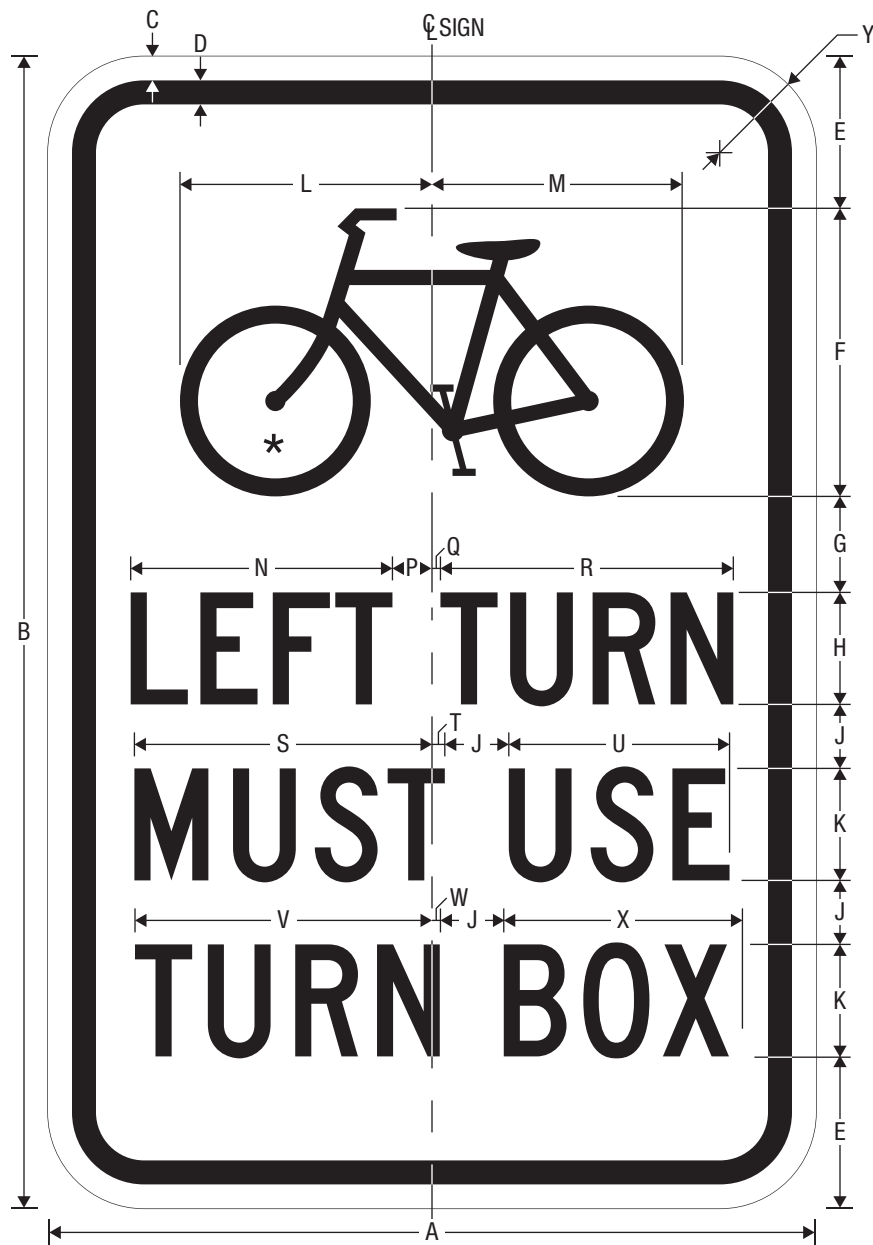
* See page 8-4 for symbol design.

** Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M
12	18	0.375	0.375	2.375	4.5	1.5	1.75 C**	1	1.75 D	1.75 C	3.938

N	P	Q	R	S	T	U	V	W	X	Y
3.937	4.090	0.619	0.131	4.576	2.898	4.079	0.772	0.228	4.622	1.5

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



R9-23b

BICYCLE LEFT TURN MUST USE TURN BOX

* See page 8-4 for symbol design.

** Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M
12	18	0.375	0.375	2.375	4.5	1.5	1.75 C**	1	1.75 C	3.938	3.937

N	P	Q	R	S	T	U	V	W	X	Y
4.090	0.618	0.132	4.576	4.650	0.200	3.449	4.641	0.121	3.519	1.5

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



R9-23c

BICYCLE LEFT TURN MUST USE TURN BOX (WITH ARROW, OBLIQUE)

* See page 8-4 for symbol design.

** Reduce Spacing 20%.

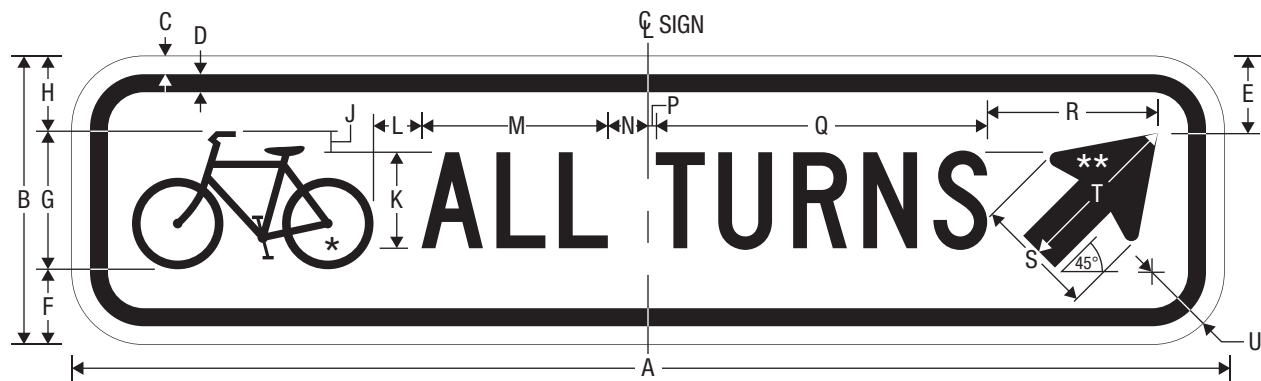
*** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
12	18	0.375	0.375	1.375	4.5	0.75	1.75 C**	1	1.75 C	0.5

M	N	P	Q	R	S	T	U	V	W
2.630	0.995	3.938	3.937	4.090	0.618	0.132	4.576	4.650	0.200

X	Y	Z	AA	BB	CC	DD	EE	FF	GG
3.449	4.641	0.121	3.519	1.315	1.314	0.938	3.25	2.5	1.5

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



R9-24

BICYCLE ALL TURNS (WITH ARROW, OBLIQUE)

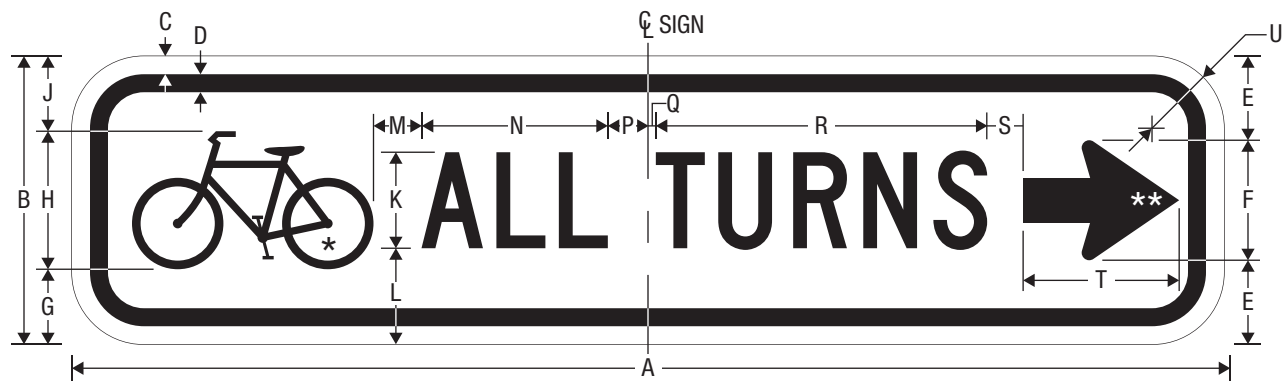
* See page 8-4 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
24	6	0.375	0.375	1.597	1.562	2.875	1.563	0.437	2 C

L	M	N	P	Q	R	S	T	U
1	3.882	0.837	0.163	6.903	3.556	2.5	3.5	1.5

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



R9-24a

BICYCLE ALL TURNS (WITH ARROW, HORIZONTAL)

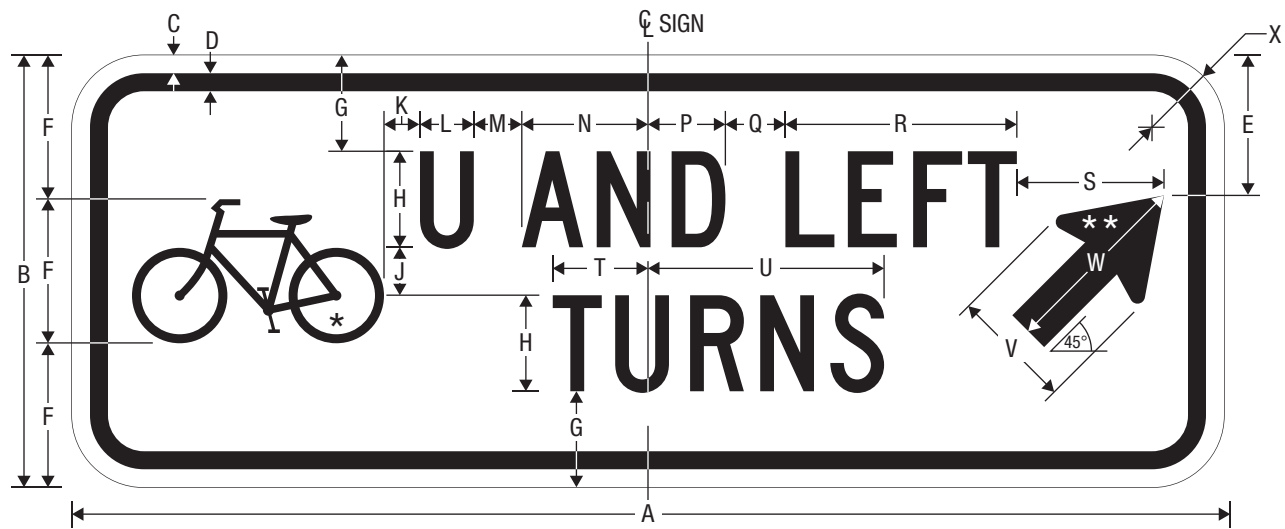
* See page 8-4 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
24	6	0.375	0.375	1.75	2.5	1.562	2.875	1.563	2 C

L	M	N	P	Q	R	S	T	U
2	1	3.882	0.837	0.163	6.903	0.75	3.25	1.5

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



R9-25

BICYCLE U AND LEFT TURNS (WITH ARROW, OBLIQUE)

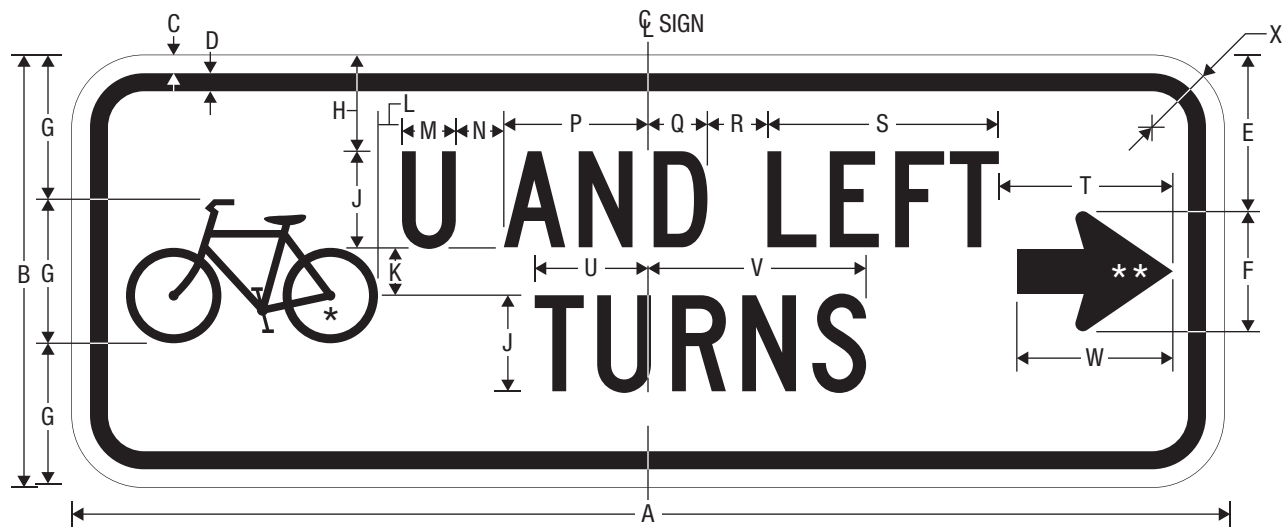
* See page 8-4 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
24	9	0.375	0.375	2.920	3	2	2 C	1	0.75	1.121

M	N	P	Q	R	S	T	U	V	W	X
1	2.629	1.613	1.25	4.822	3.066	1.984	4.919	2.5	4	1.5

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



R9-25a

BICYCLE U AND LEFT TURNS (WITH ARROW, HORIZONTAL)

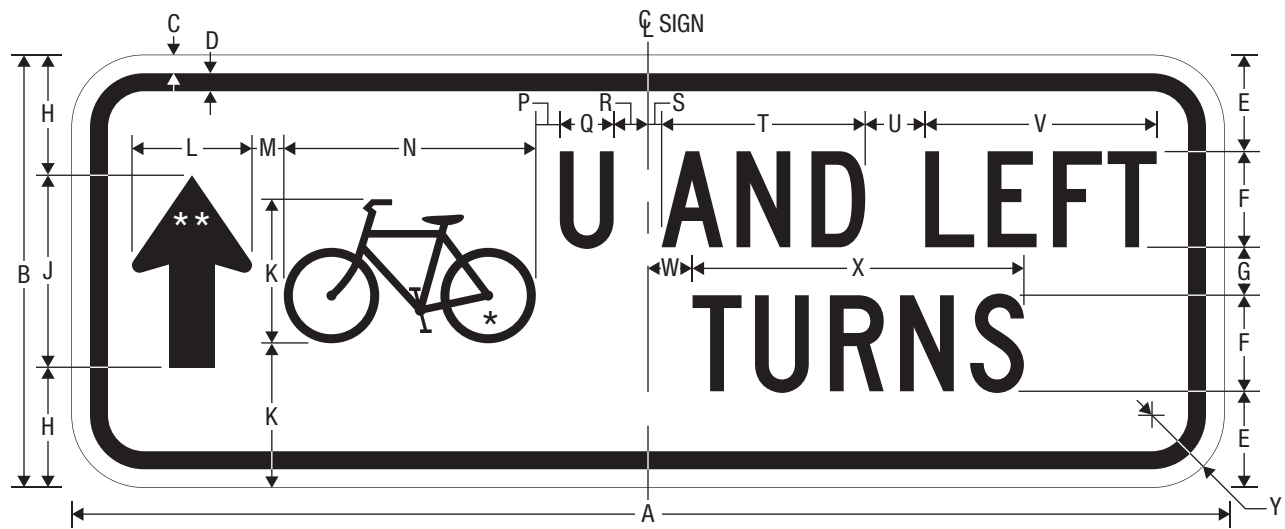
* See page 8-4 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
24	9	0.375	0.375	3.25	2.5	3	2	2 C	1	0.5

M	N	P	Q	R	S	T	U	V	W	X
1.121	1	3.004	1.238	1.25	4.822	3.625	2.359	4.544	3.25	1.5

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



R9-25b

BICYCLE U AND LEFT TURNS (WITH ARROW, THROUGH)

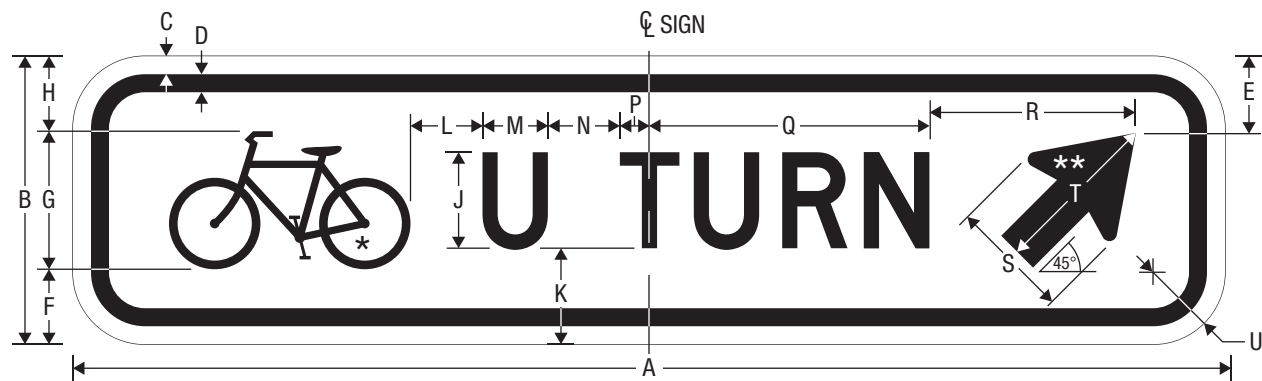
* See page 8-4 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
24	9	0.375	0.375	2	2 C	1	2.5	4	3	2.5	0.663

N	P	Q	R	S	T	U	V	W	X	Y
5.25	0.5	1.121	0.716	0.284	4.242	1.25	4.822	0.929	6.903	1.5

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



R9-26

BICYCLE U TURN (WITH ARROW, OBLIQUE)

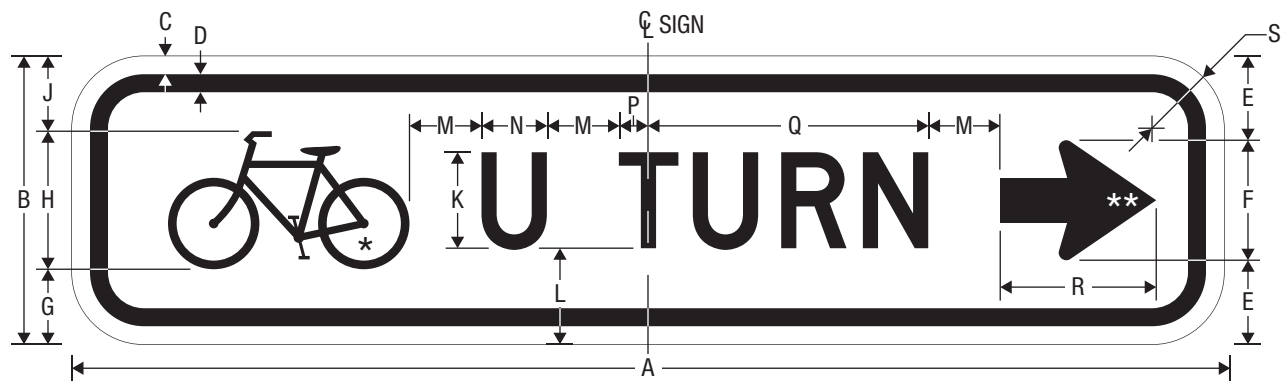
* See page 8-4 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
24	6	0.375	0.375	1.597	1.562	2.875	1.563	2 D	2

L	M	N	P	Q	R	S	T	U
1.5	1.362	1.5	0.607	5.838	4.306	2.5	3.5	1.5

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



R9-26a

BICYCLE U TURN (WITH ARROW, HORIZONTAL)

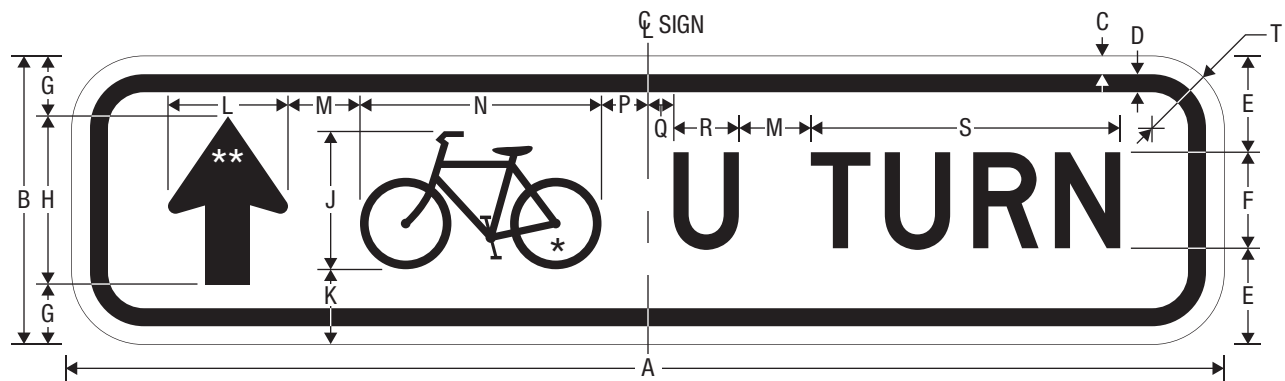
* See page 8-4 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
24	6	0.375	0.375	1.75	2.5	1.562	2.875	1.563

K	L	M	N	P	Q	R	S
2 D	2	1.5	1.362	0.607	5.838	3.25	1.5

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



R9-26b

BICYCLE U TURN (WITH ARROW, THROUGH)

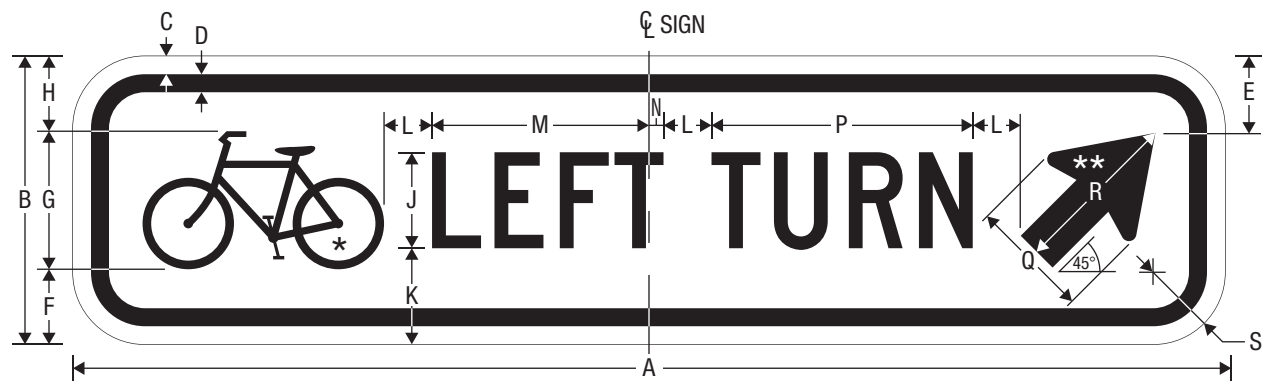
* See page 8-4 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
24	6	0.375	0.375	2	2 D	1.25	3.5	2.875

K	L	M	N	P	Q	R	S	T
1.625	2.5	1.5	5.031	0.969	0.531	1.362	6.445	1.5

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



R9-27

BICYCLE LEFT TURN (WITH ARROW, OBLIQUE)

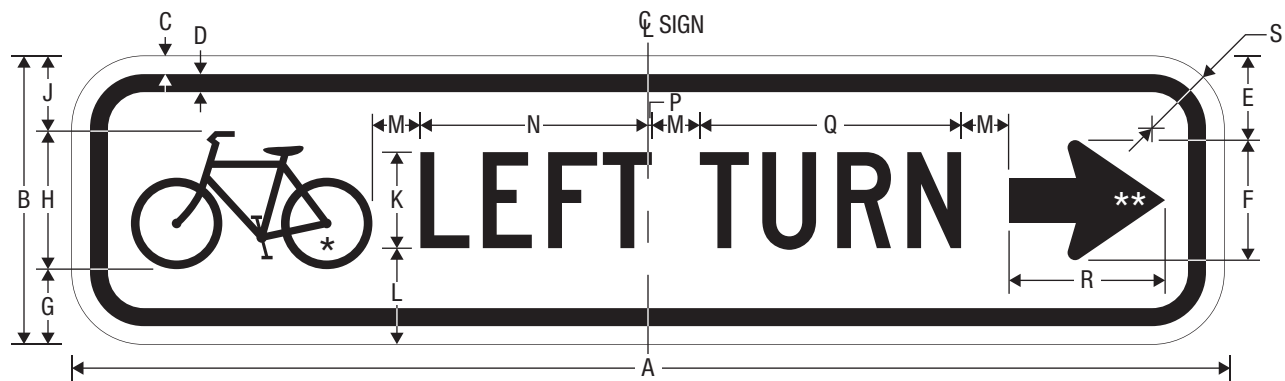
* See page 8-4 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
24	6	0.375	0.375	1.597	1.562	2.875	1.563	2 C

K	L	M	N	P	Q	R	S
2	1	4.520	0.302	5.442	2.5	3.5	1.5

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



R9-27a

BICYCLE LEFT TURN (WITH ARROW, HORIZONTAL)

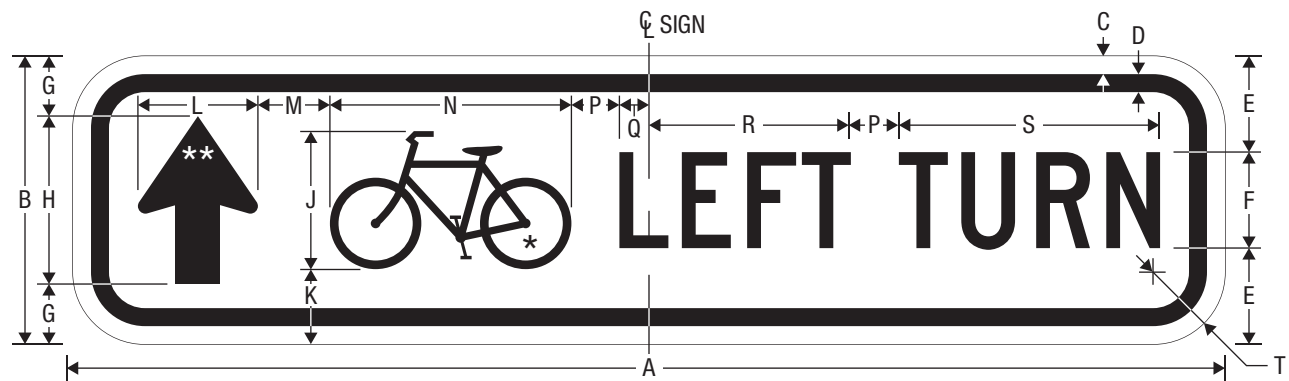
* See page 8-4 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
24	6	0.375	0.375	1.75	2.5	1.562	2.875	1.563

K	L	M	N	P	Q	R	S
2 C	2	1	4.741	0.081	5.442	3.25	1.5

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



R9-27b

BICYCLE LEFT TURN (WITH ARROW, THROUGH)

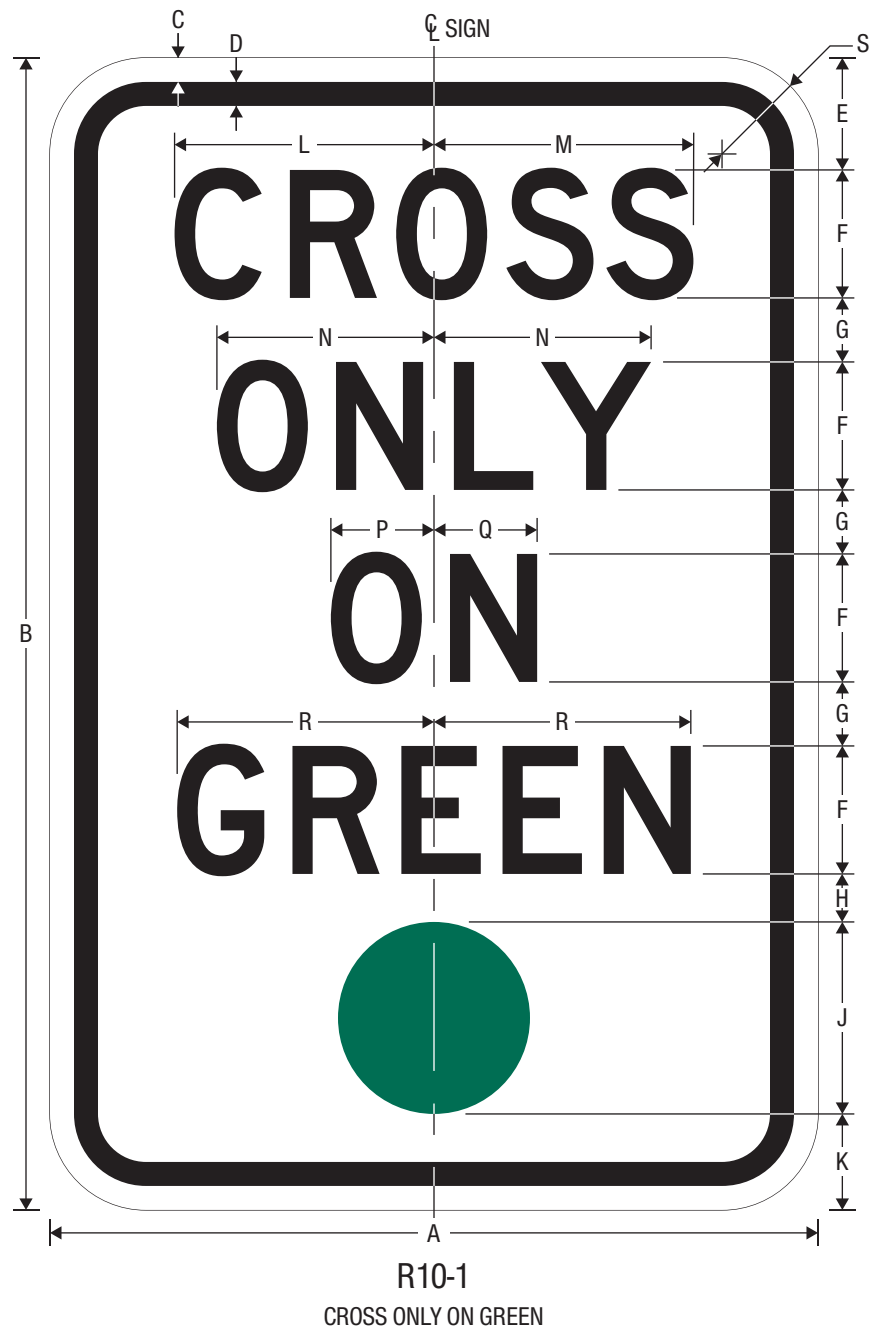
* See page 8-4 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
24	6	0.375	0.375	2	2 C	1.25	3.5	2.875

K	L	M	N	P	Q	R	S	T
1.562	2.5	1.5	5.031	1	0.616	4.206	5.442	1.5

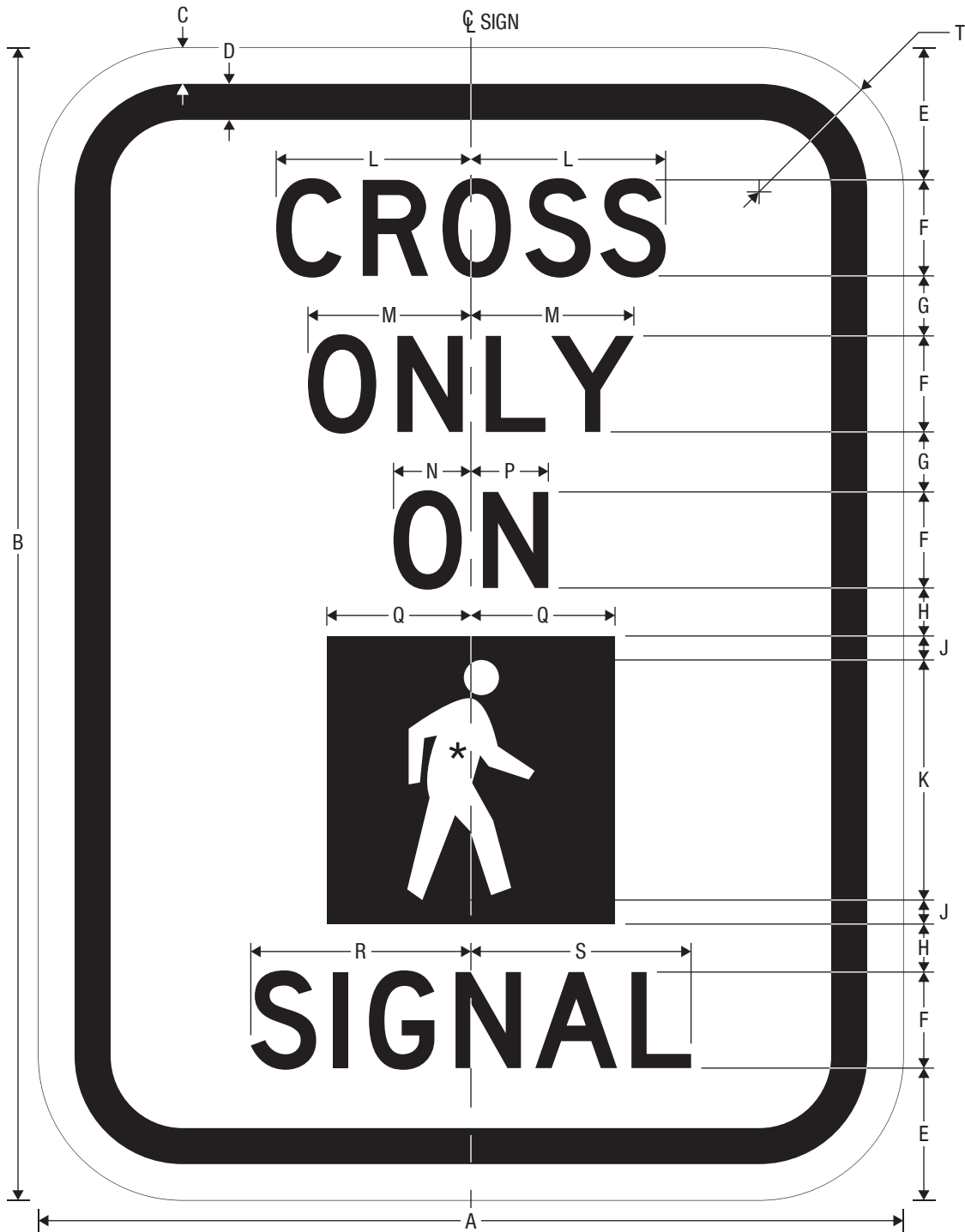
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



A	B	C	D	E	F	G	H	J
12	18	0.375	0.375	1.75	2 D	1	0.75	3

K	L	M	N	P	Q	R	S
1.5	4.054	4.053	3.392	1.612	1.611	4.013	1.5

COLORS: LEGEND, BORDER — BLACK
CIRCLE — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R10-2

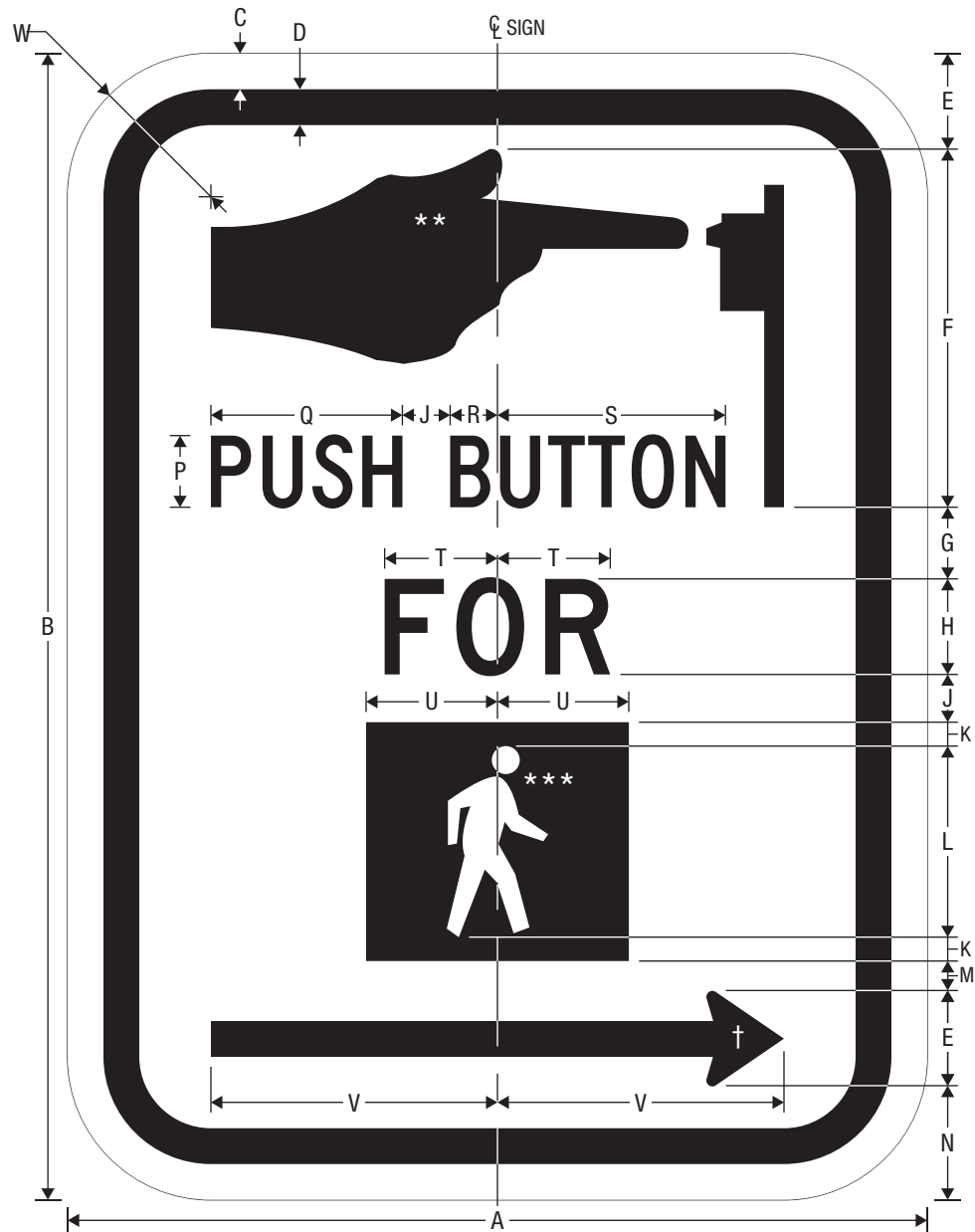
CROSS ONLY ON WALK SIGNAL

* See page 8-7 for symbol design.

A	B	C	D	E	F	G	H	J
9	12	0.375	0.375	1.375	1 D	0.625	0.5	0.25

K	L	M	N	P	Q	R	S	T
2.5	2.027	1.696	0.806	0.805	1.5	2.292	2.291	1.5

COLORS: LEGEND, BORDER — BLACK PED SYMBOL — WHITE (RETROREFLECTIVE) ON BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R10-3

PUSH BUTTON FOR WALK SIGNAL

* Reduce Spacing 20%.

** See page 8-63 for symbol design.

*** See page 8-7 for symbol design.

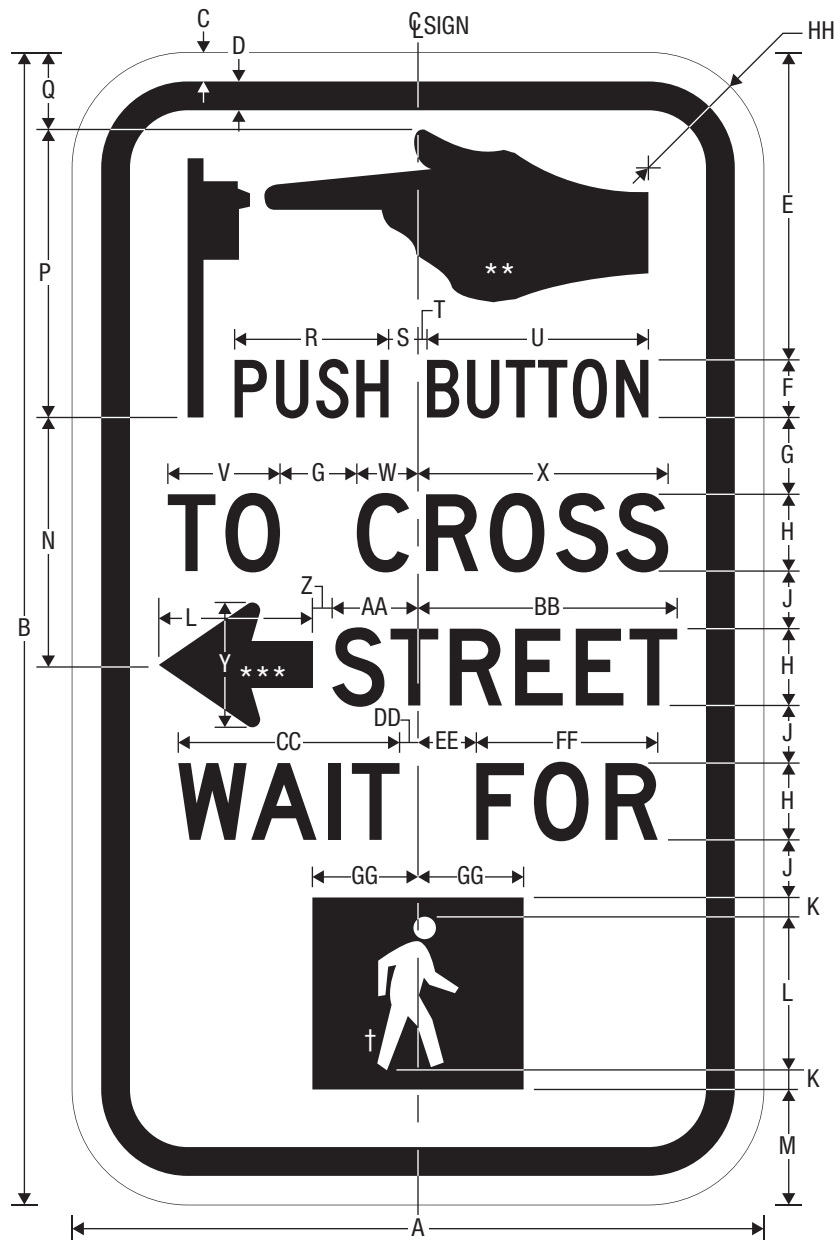
† See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
9	12	0.375	0.375	1	3.75	0.75	1 D	0.5	0.25	2

M	N	P	Q	R	S	T	U	V	W
0.313	1.187	0.75 C*	2.005	0.496	2.387	1.181	1.375	3	1.5

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

PED SYMBOL — WHITE (RETROREFLECTIVE) ON BLACK



R10-3a

PUSH BUTTON TO CROSS STREET - WAIT FOR WALK SIGNAL

* Reduce Spacing 20%.

*** See page 7-3 for arrow design.

** See page 8-63 for symbol design.

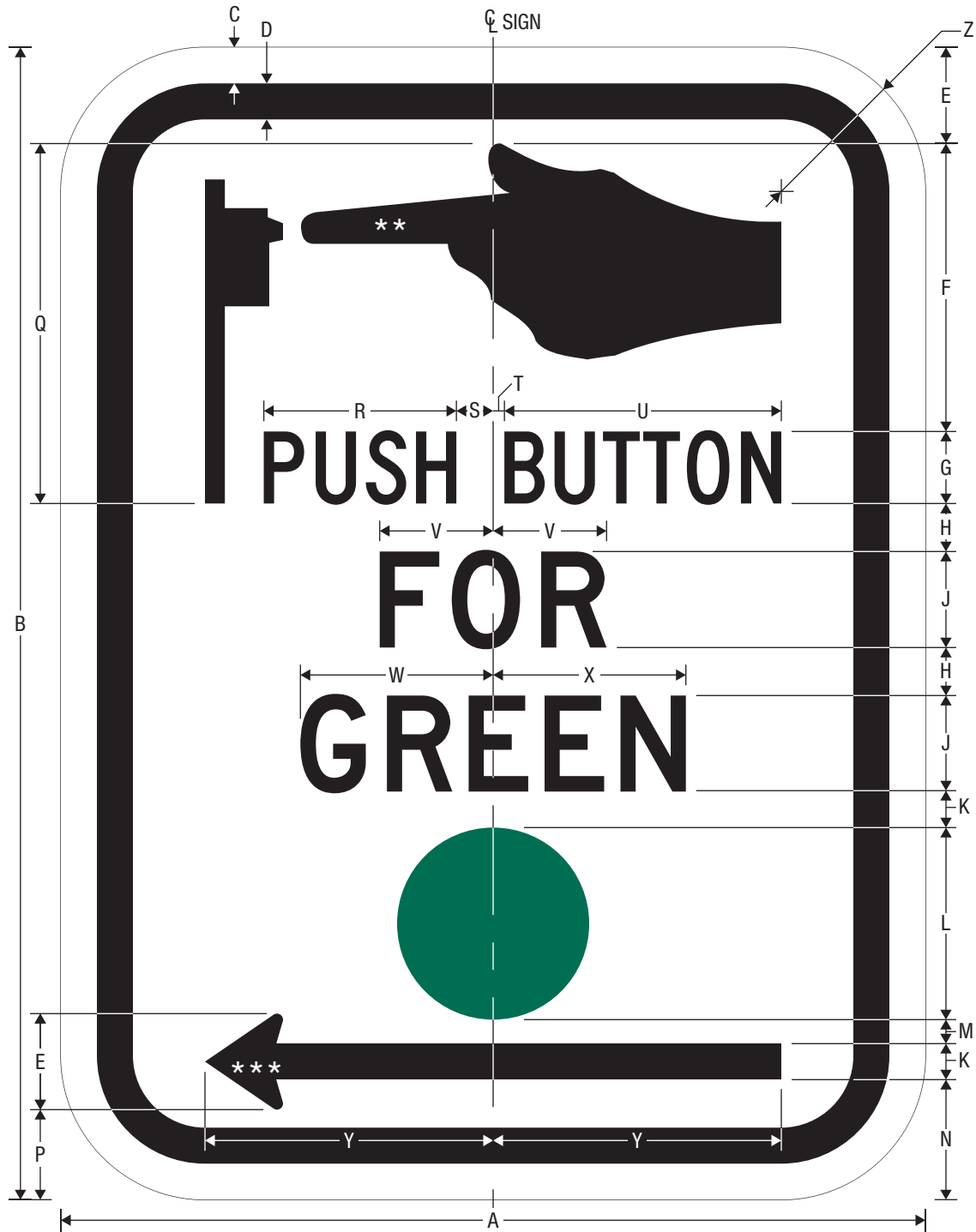
† See page 8-7 for symbol design.

A	B	C	D	E	F	G	H	J	K	L
9	15	0.375	0.375	4	0.75 C*	1	1 D	0.75	0.25	2

M	N	P	Q	R	S	T	U	V	W	X
1.5	3.25	3.75	1	2.005	0.383	0.117	2.883	1.461	0.797	3.257

Y	Z	AA	BB	CC	DD	EE	FF	GG	HH
1.625	0.258	1.118	3.375	2.881	0.240	0.760	2.362	1.375	1.5

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)
PED SYMBOL — WHITE (RETROREFLECTIVE) ON BLACK



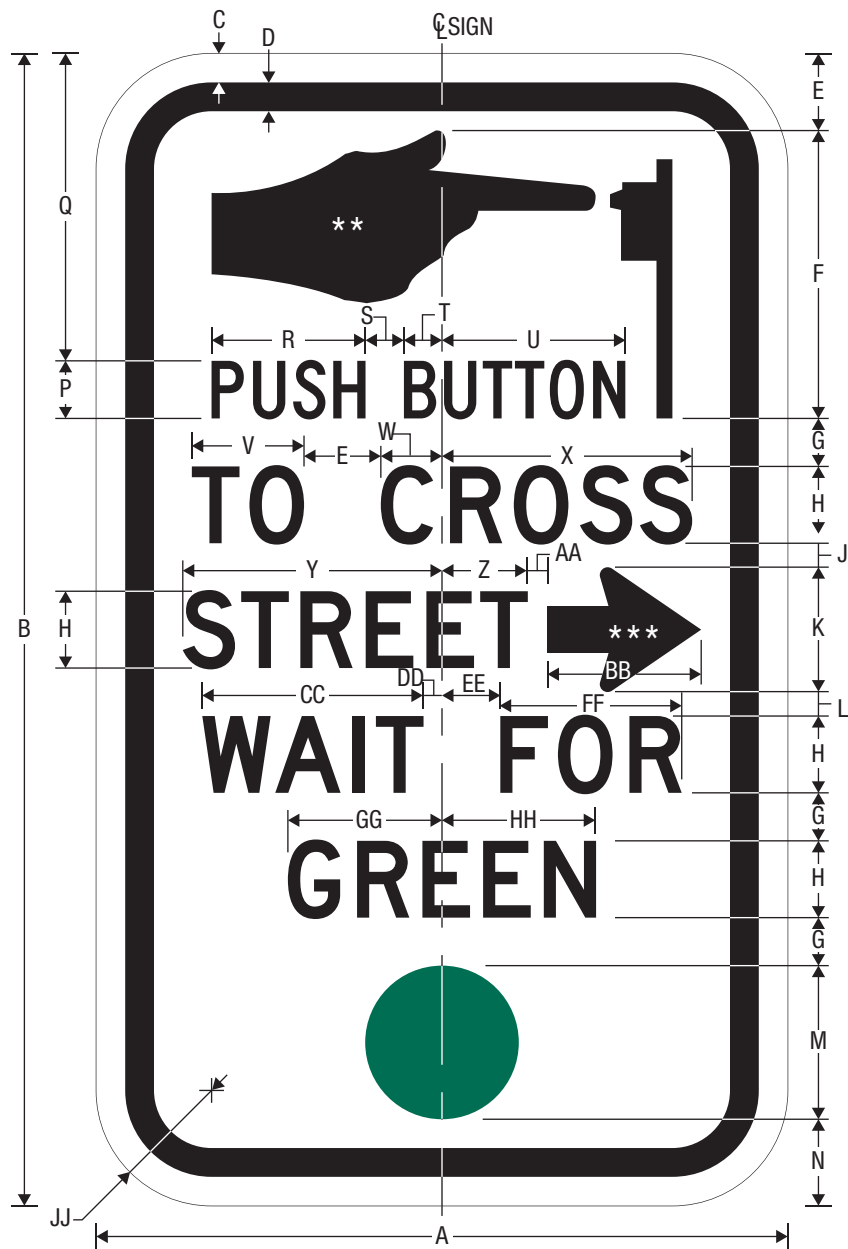
R10-4
PUSH BUTTON FOR GREEN

- * Reduce Spacing 20%.
- ** See page 8-63 for symbol design.
- *** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
9	12	0.375	0.375	1	3	0.75 C*	0.5	1 D	0.375	2	0.25

N	P	Q	R	S	T	U	V	W	X	Y	Z
1.25	0.938	3.75	2.005	0.383	0.117	2.883	1.181	2.007	2.006	3	1.5

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)
CIRCLE — GREEN (RETROREFLECTIVE)



R10-4a

PUSH BUTTON - WAIT FOR GREEN

* Reduce Spacing 20%.

** See page 8-63 for symbol design.

*** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
9	15	0.375	0.375	1	3.75	0.625	1 D	0.313	1.625	0.312

M	N	P	Q	R	S	T	U	V	W	X
2	1.25	0.75 C*	4	2.005	0.5	0.496	2.387	1.461	0.797	3.257

Y	Z	AA	BB	CC	DD	EE	FF	GG	HH	JJ
3.375	1.118	0.258	2	2.881	0.241	0.759	2.362	2.007	2.006	1.5

COLORS: LEGEND, BORDER — BLACK
CIRCLE — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



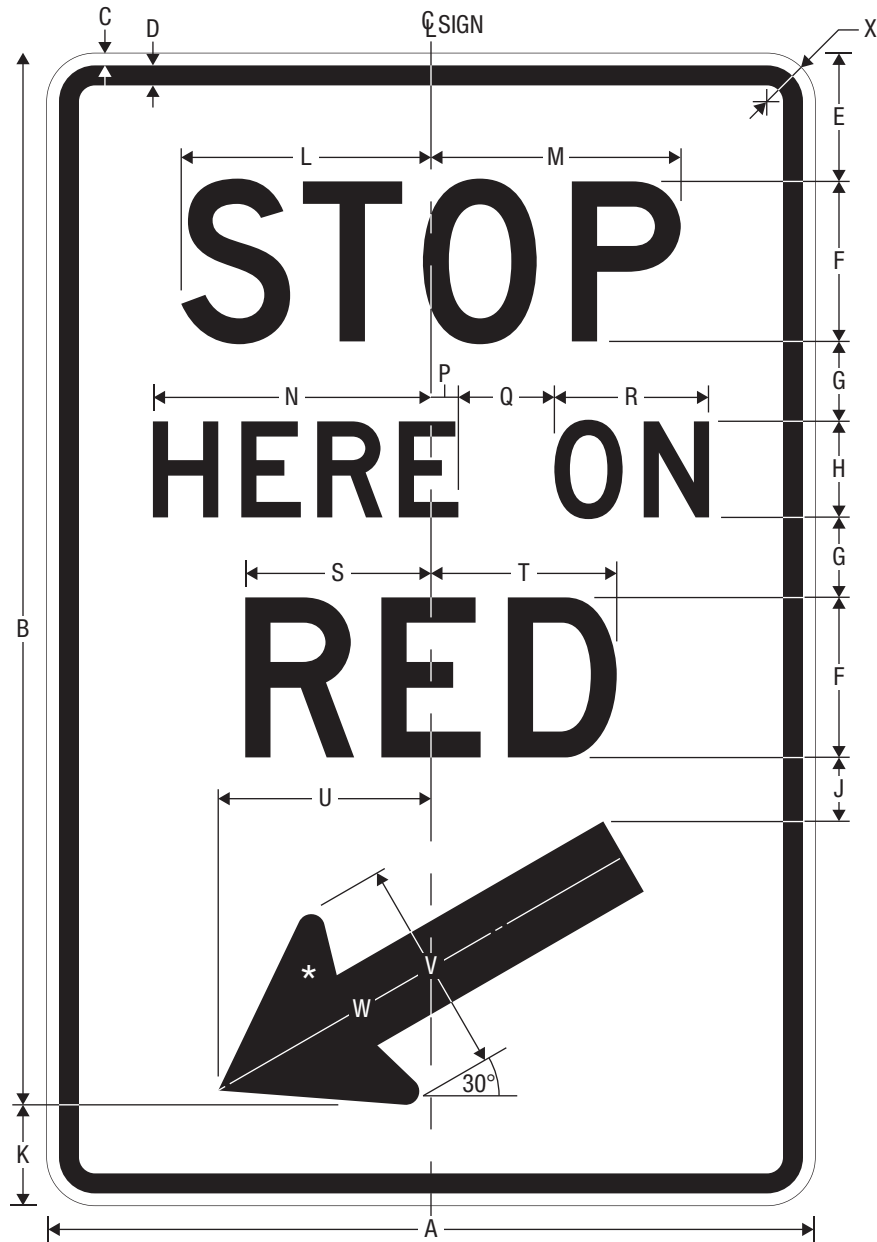
R10-5

LEFT ON GREEN ARROW ONLY

A	B	C	D	E	F	G	H	J
24	30	0.375	0.625	3.25	4 C	2.5	9.023	0.621
30	36	0.5	0.75	4.25	5 C	2.5	11.279	0.776
48	60	0.75	1.25	6.5	8 C	5	18.046	1.242

K	L	M	N	P	Q	R	S
3	5.402	6.823	6.822	7.383	5.562	5.562	1.5
3.75	6.753	8.528	8.528	9.229	6.953	6.952	1.875
6	10.804	13.645	13.645	14.766	11.124	11.124	3

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



R10-6
STOP HERE ON RED

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
24	36	0.375	0.625	4	5 D	2.5	3 D	2	3.143	7.806
36	48	0.625	0.875	5	7 D	4	4 D	1.75	3.641	10.928

M	N	P	Q	R	S	T	U	V	W	X
7.805	8.690	0.856	3	4.834	5.805	5.804	6.649	6.75	14.625	1.5
10.928	11.586	1.142	4	6.445	8.126	8.126	8.673	9.5	19	2.25

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



R10-6aL
STOP HERE ON RED



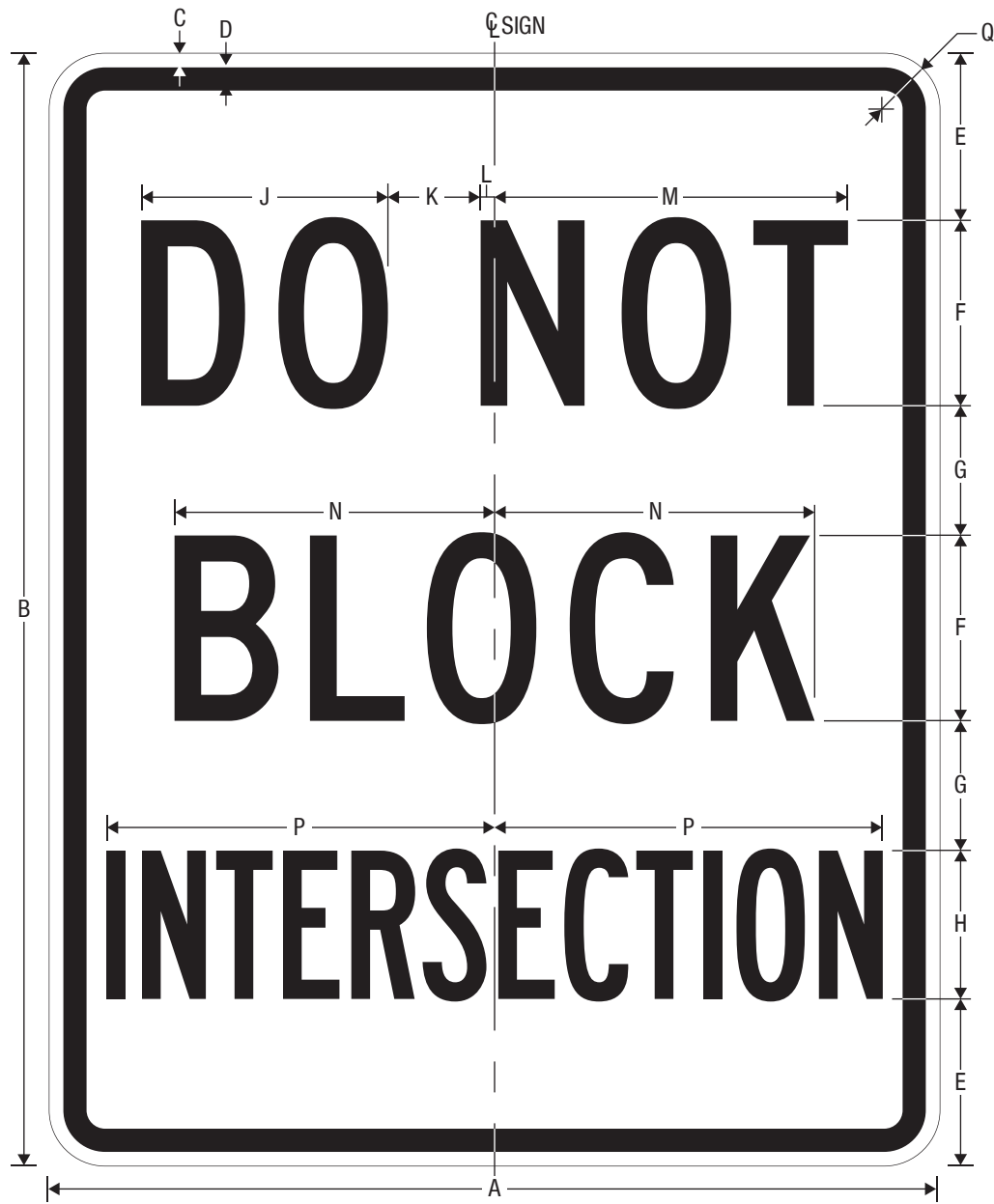
R10-6aR
STOP HERE ON RED

* See page 7-7 for arrow design.

A	B	C	D	E	F	G	H	J	K
24	30	0.375	0.625	3	5 D	1.5	3 D	5	9
36	42	0.625	0.875	4	7 D	2.25	4 D	7.5	12

L	M	N	P	Q	R	S	T	U	V
7.75	7.806	7.805	4.773	9.375	6.992	4.834	2.879	8.730	1.5
11.625	10.928	10.928	6.364	14	10.550	6.445	3.645	12.607	2.25

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



R10-7

DO NOT BLOCK INTERSECTION

* Reduce Spacing 50%.

A	B	C	D	E	F	G	H
24	30	0.375	0.625	4.5	5 C	3.5	4 B*

J	K	L	M	N	P	Q
6.653	2.5	0.376	9.528	8.628	10.465	1.5

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

2-321



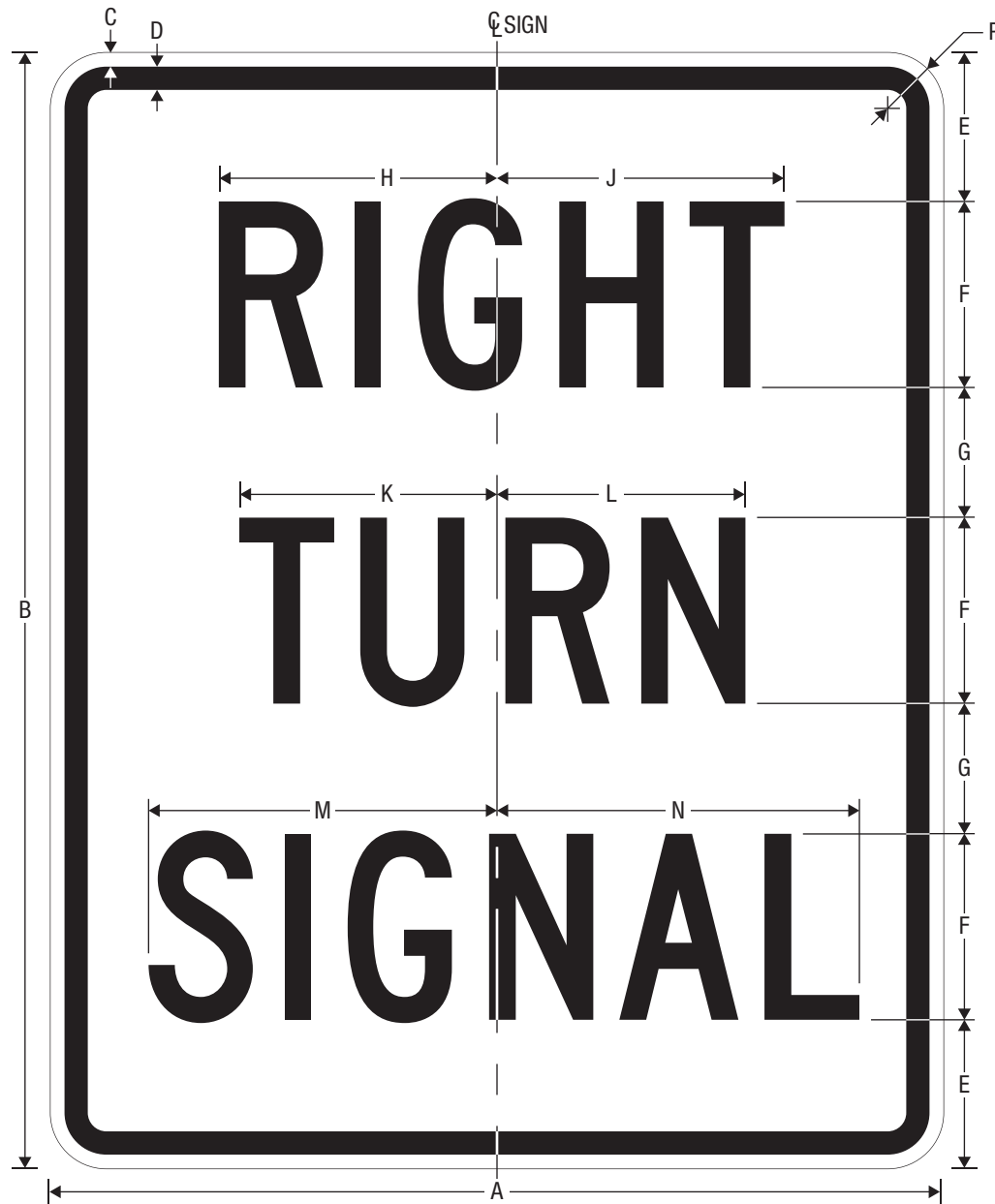
R10-8

USE LANE WITH GREEN ARROW

A	B	C	D	E	F	G	H
30	36	0.5	0.75	3	4 E	2.5	5.542
36	42	0.625	0.875	3.75	4.5 E	3	6.235
60	72	0.75	1.25	6	8 E	5	11.084

J	K	L	M	N	P	Q	R
7.683	7.682	6.623	6.622	9.523	9.523	10.446	1.875
8.643	8.643	7.451	7.450	10.714	10.713	11.752	2.25
15.365	15.365	13.245	13.245	19.046	19.046	20.892	3

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



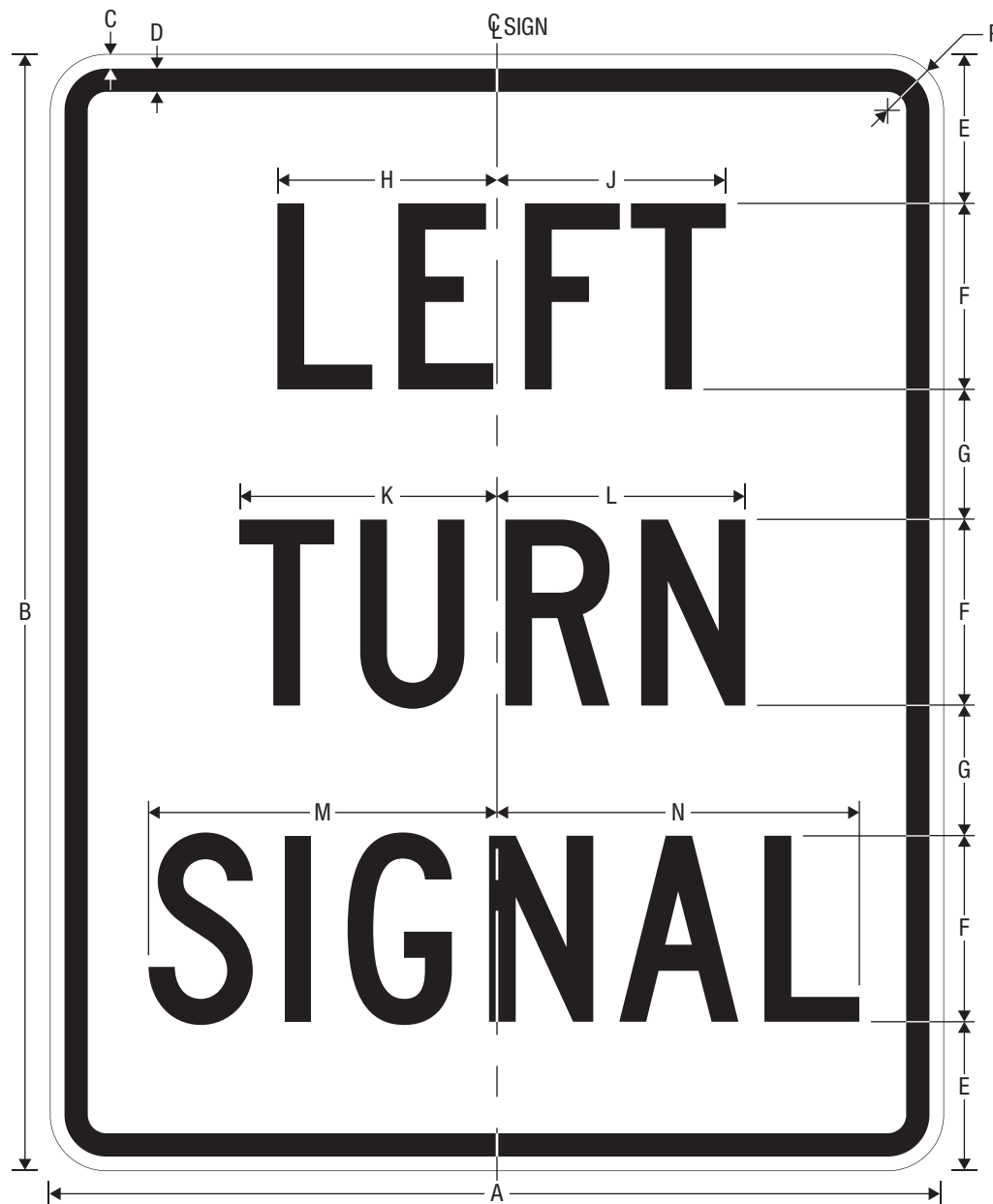
R10-10R
RIGHT TURN SIGNAL

A	B	C	D	E	F	G
24	30	0.375	0.625	4	5 C	3.5
30	36	0.5	0.75	5	6 C	4

H	J	K	L	M	N	P
7.478	7.727	7.178	6.427	9.366	9.740	1.5
8.967	9.279	8.694	7.632	11.214	11.714	1.875

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

2-323-1



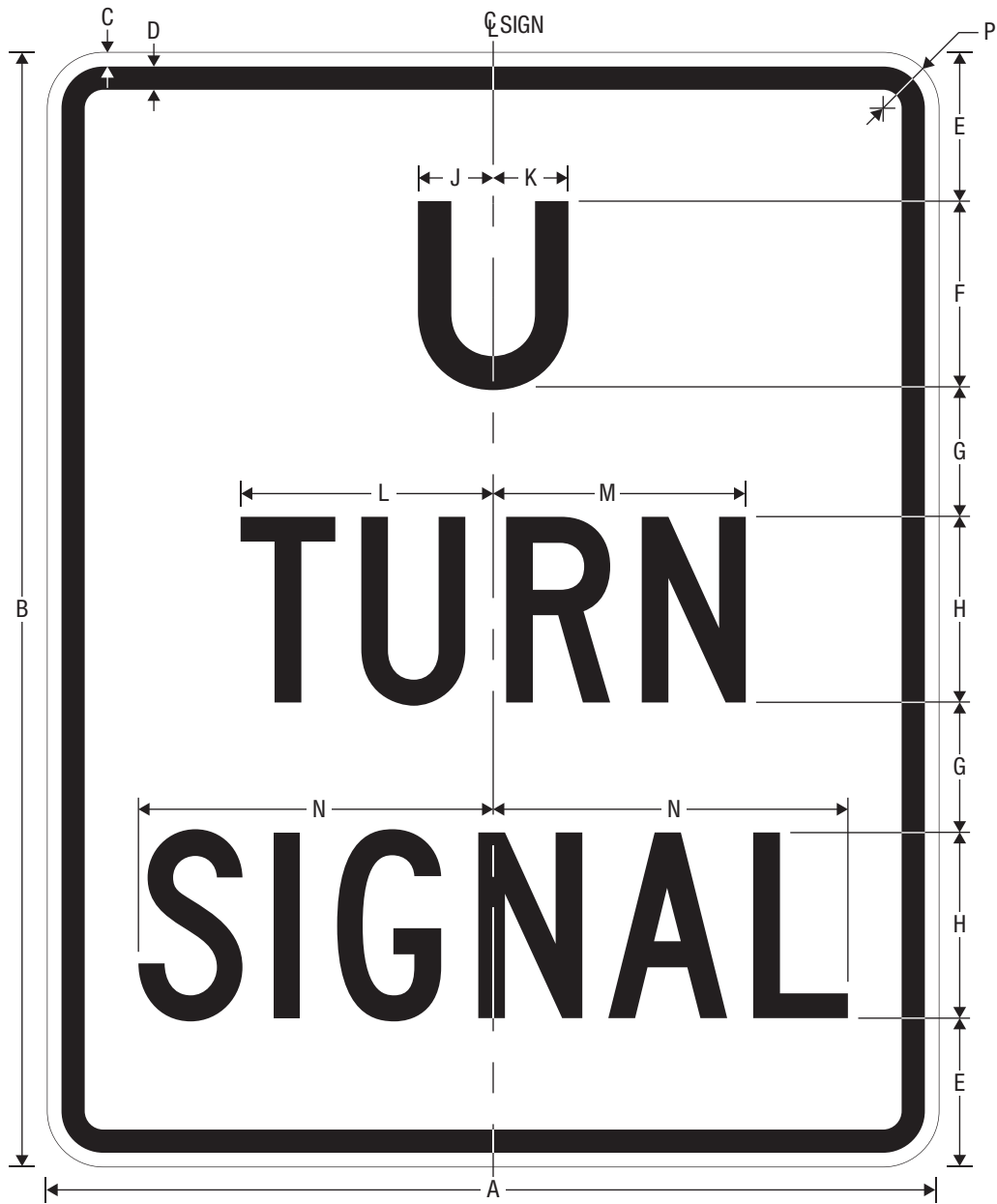
R10-10L
LEFT TURN SIGNAL

A	B	C	D	E	F	G
24	30	0.375	0.625	4	5 C	3.5
30	36	0.5	0.75	5	6 C	4

H	J	K	L	M	N	P
5.903	6.152	7.178	6.427	9.366	9.740	1.5
7.077	7.389	8.694	7.632	11.214	11.714	1.875

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

2-323-2

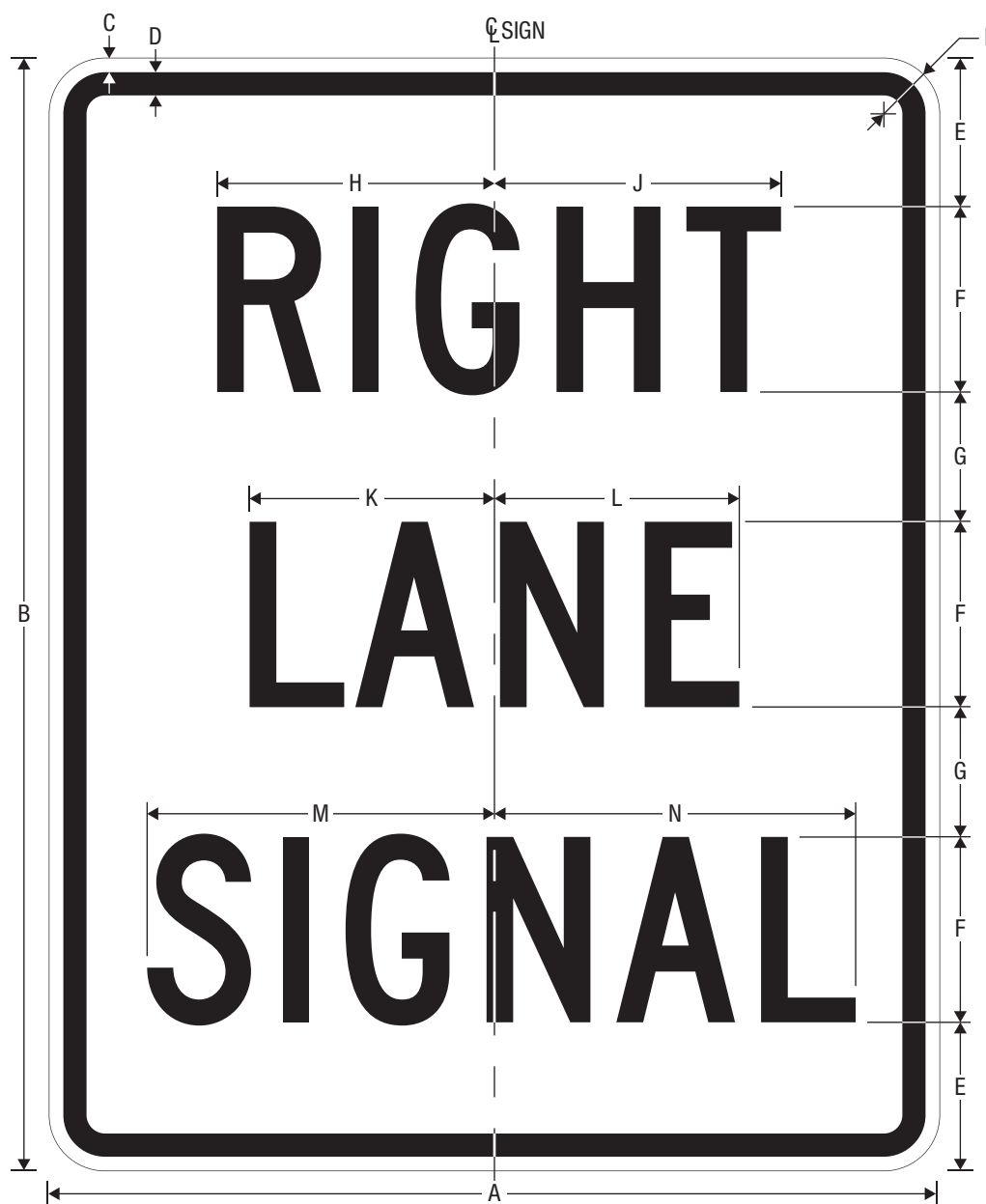


R10-10a
U TURN SIGNAL

A	B	C	D	E	F	G	H
24	30	0.375	0.625	4	5 E	3.5	5 C
30	36	0.5	0.75	5	6 E	4	6 C

J	K	L	M	N	P
2.027	2.026	6.803	6.802	9.553	1.5
2.432	2.431	8.163	8.163	11.464	1.875

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



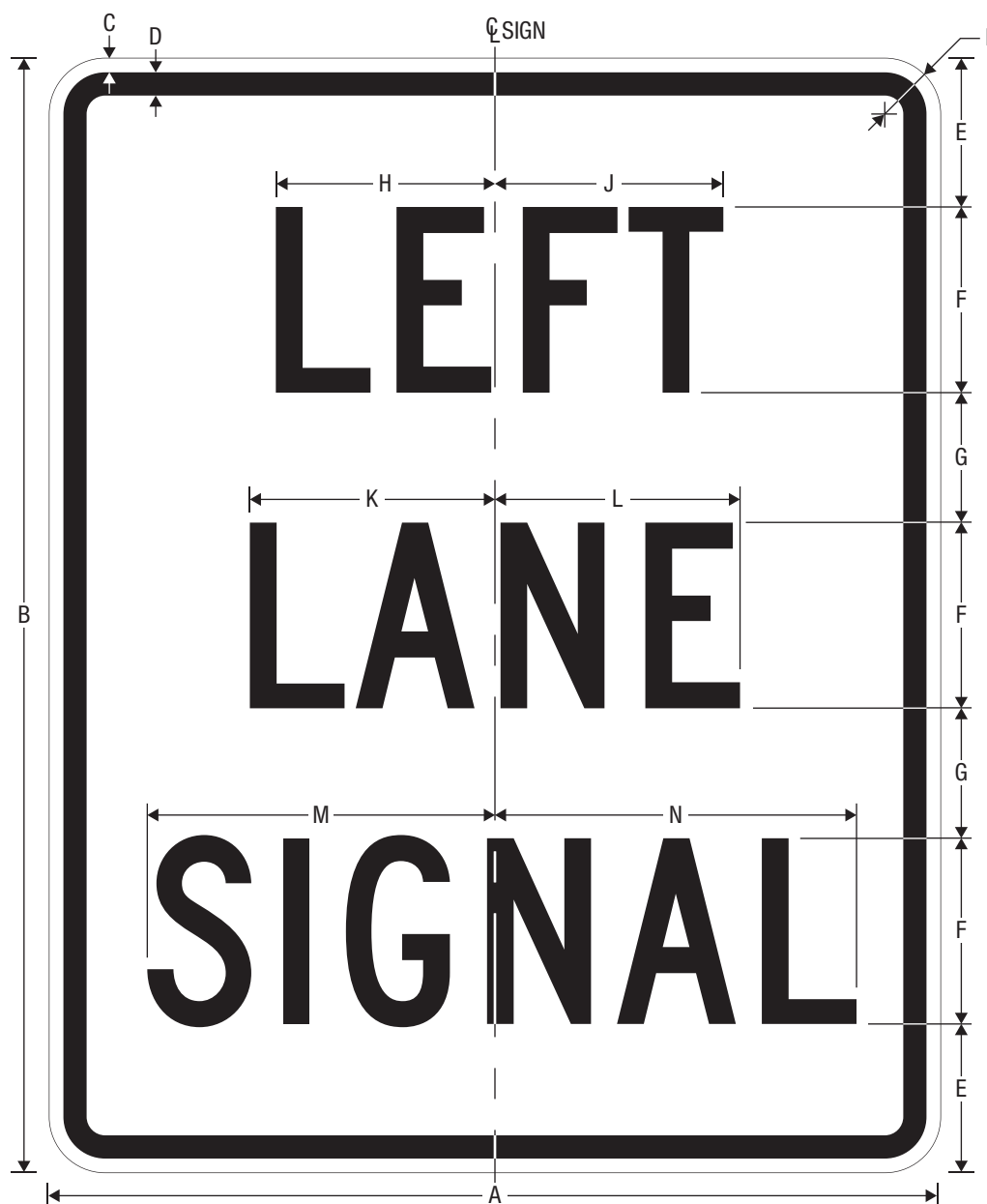
R10-10bR
RIGHT LANE SIGNAL

A	B	C	D	E	F	G
24	30	0.375	0.625	4	5 C	3.5
30	36	0.5	0.75	5	6 C	4

H	J	K	L	M	N	P
7.478	7.727	6.603	6.602	9.366	9.740	1.5
8.967	9.279	7.923	7.923	11.214	11.714	1.875

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

2-325-1



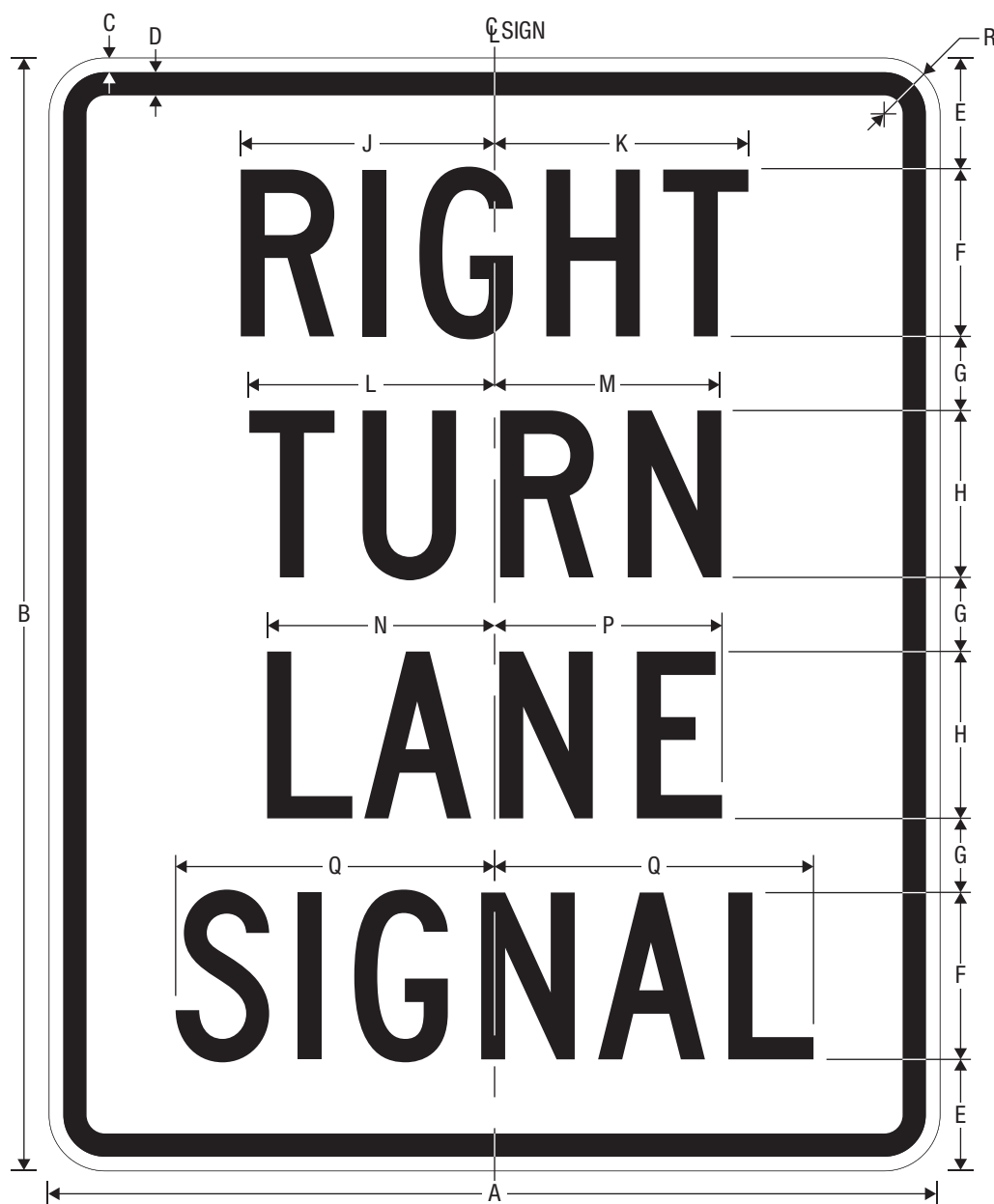
R10-10bL
LEFT LANE SIGNAL

A	B	C	D	E	F	G
24	30	0.375	0.625	4	5 C	3.5
30	36	0.5	0.75	5	6 C	4

H	J	K	L	M	N	P
5.903	6.152	6.603	6.602	9.366	9.740	1.5
7.077	7.389	7.923	7.923	11.214	11.714	1.875

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

2-325-2



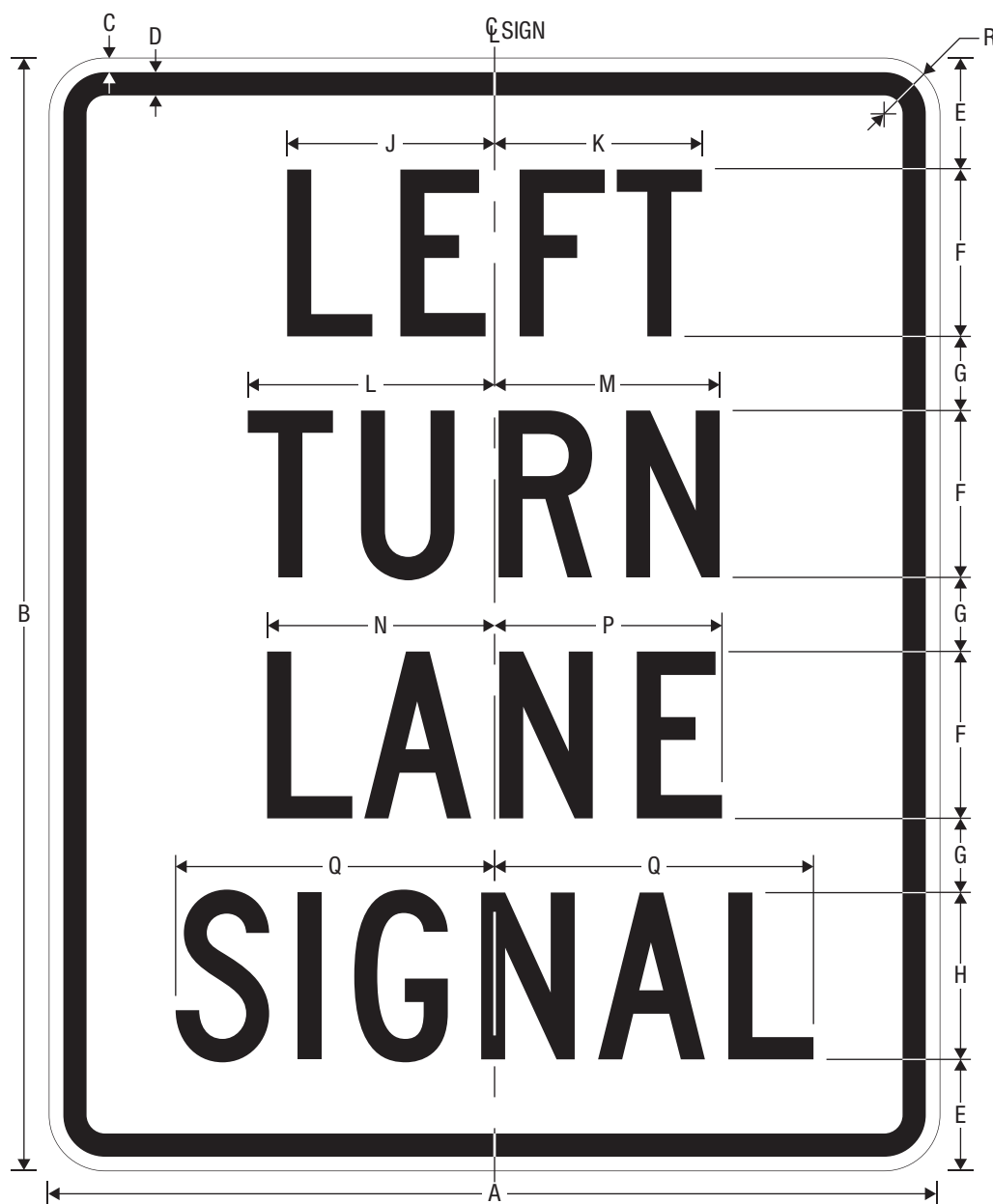
R10-10cR
RIGHT TURN LANE SIGNAL

* Increase Spacing 20%.

A	B	C	D	E	F	G	H
24	30	0.375	0.625	3	4.5 C	2	4.5 C*
30	36	0.5	0.75	3.75	5.25 C	2.5	5.25 C*

J	K	L	M	N	P	Q	R
6.842	6.842	6.611	6.111	6.132	6.131	8.598	1.5
7.983	7.982	7.921	6.921	7.153	7.153	10.031	1.875

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



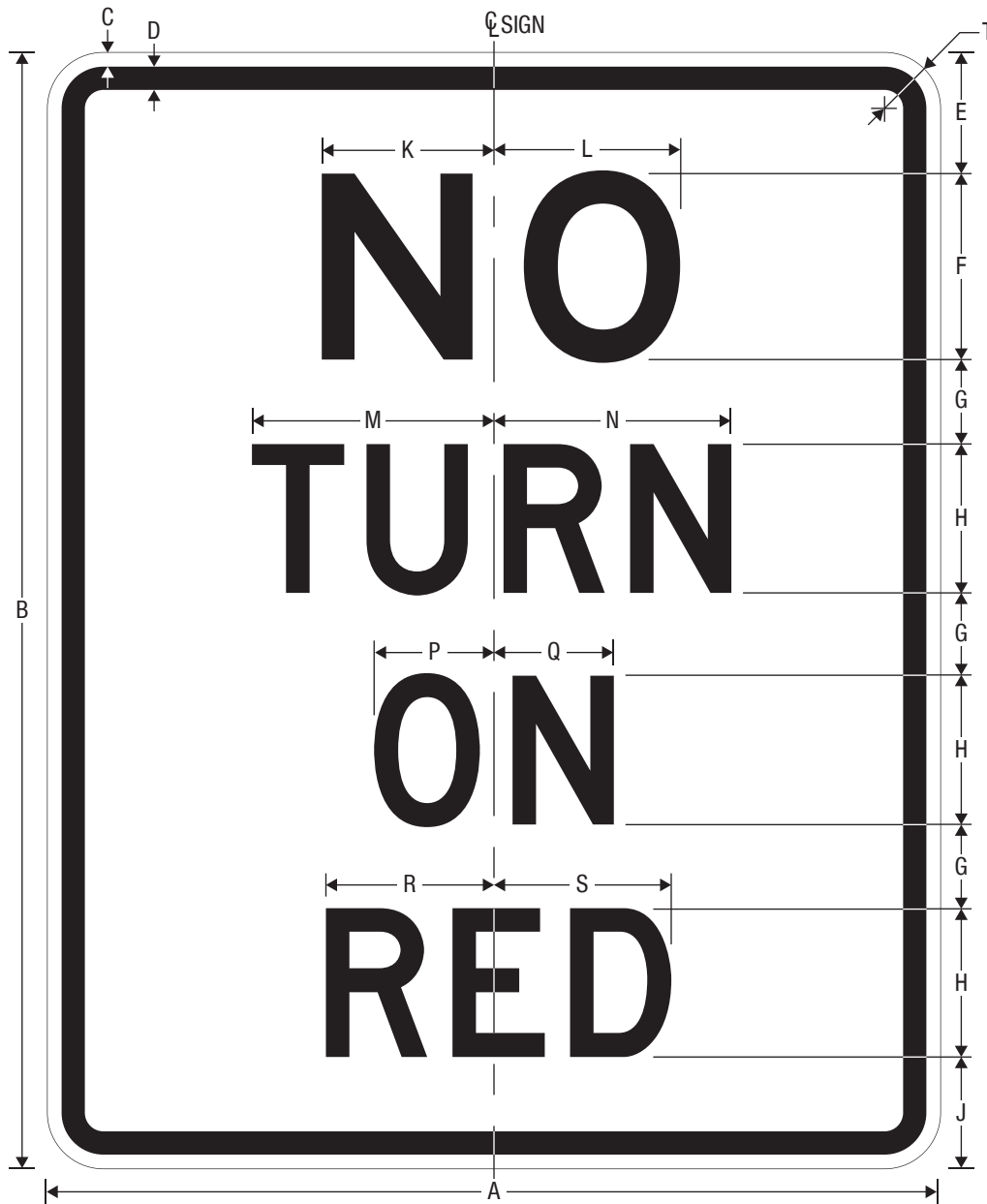
R10-10cL
LEFT TURN LANE SIGNAL

* Increase Spacing 20%.

A	B	C	D	E	F	G	H
24	30	0.375	0.625	3	4.5 C*	2	4.5 C
30	36	0.5	0.75	3.75	5.25 C*	2.5	5.25 C

J	K	L	M	N	P	Q	R
5.592	5.591	6.611	6.111	6.132	6.131	8.598	1.5
6.523	6.523	7.921	6.921	7.153	7.153	10.031	1.875

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



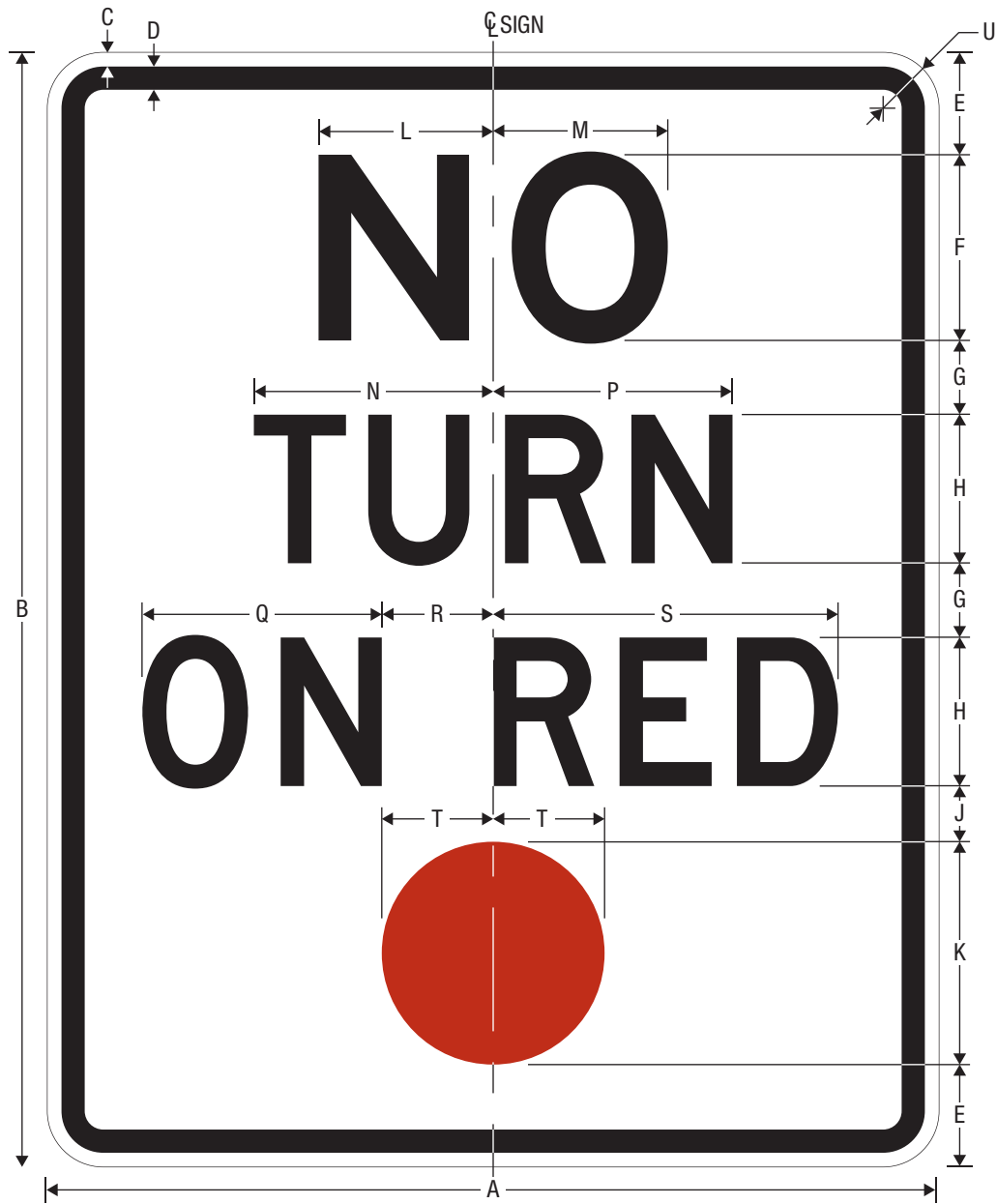
R10-11
NO TURN ON RED

* Increase Spacing 20%.

A	B	C	D	E	F	G	H	J
24	30	0.375	0.625	3.25	5 E*	2.25	4 D	3
36	48	0.625	0.875	6	8 E*	3.5	6 D	5.5

K	L	M	N	P	Q	R	S	T
4.630	5.005	6.508	6.382	3.223	3.222	4.519	4.768	1.5
7.333	8.083	9.793	9.542	4.834	4.833	6.715	7.216	2.25

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

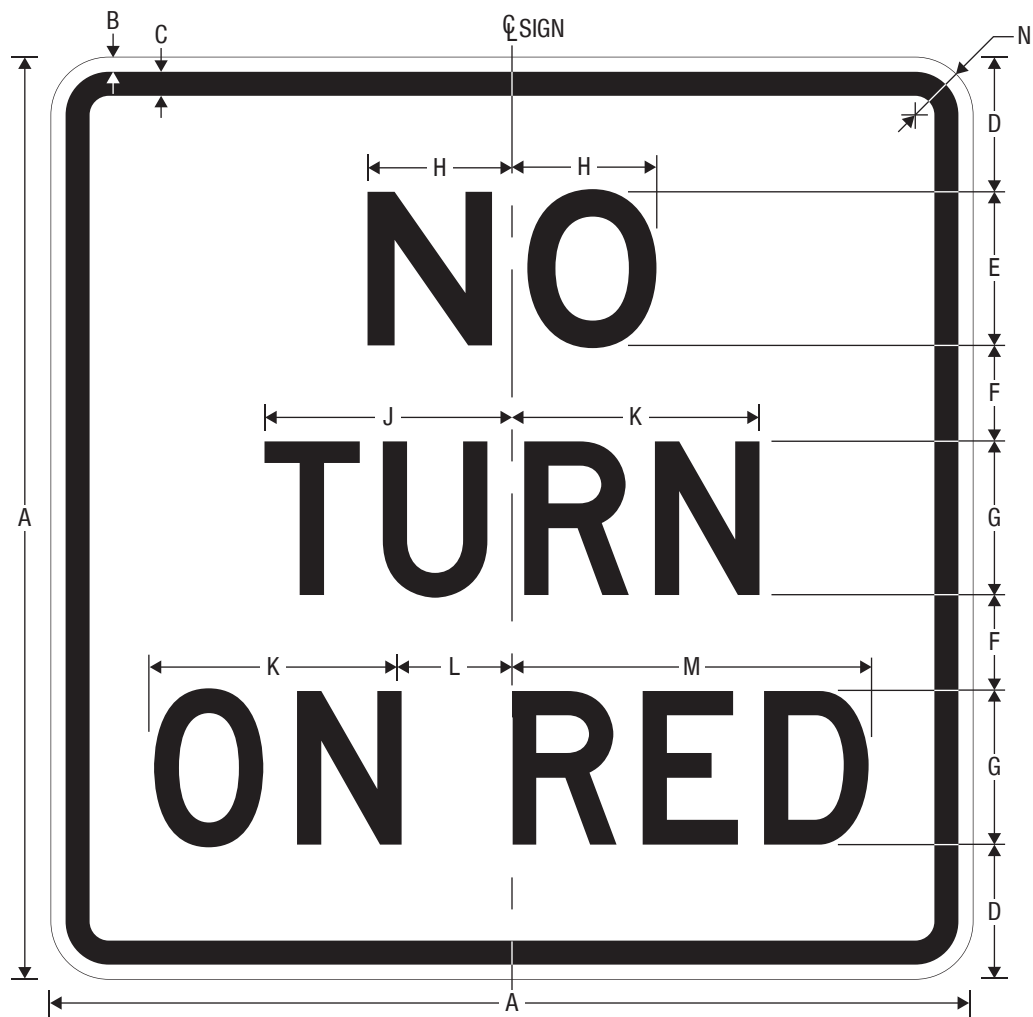


R10-11a
NO TURN ON CIRCULAR RED

A	B	C	D	E	F	G	H	J	K
24	30	0.375	0.625	2.75	5 E	2	4 D	1.5	6
36	48	0.625	0.875	4.75	8 E	3.5	6 D	1.5	10

L	M	N	P	Q	R	S	T	U
4.703	4.702	6.445	6.445	6.445	2.875	9.287	3	1.5
7.524	7.524	9.668	9.667	9.667	4.313	13.931	5	2.25

COLORS: LEGEND, BORDER — BLACK
CIRCLE — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)

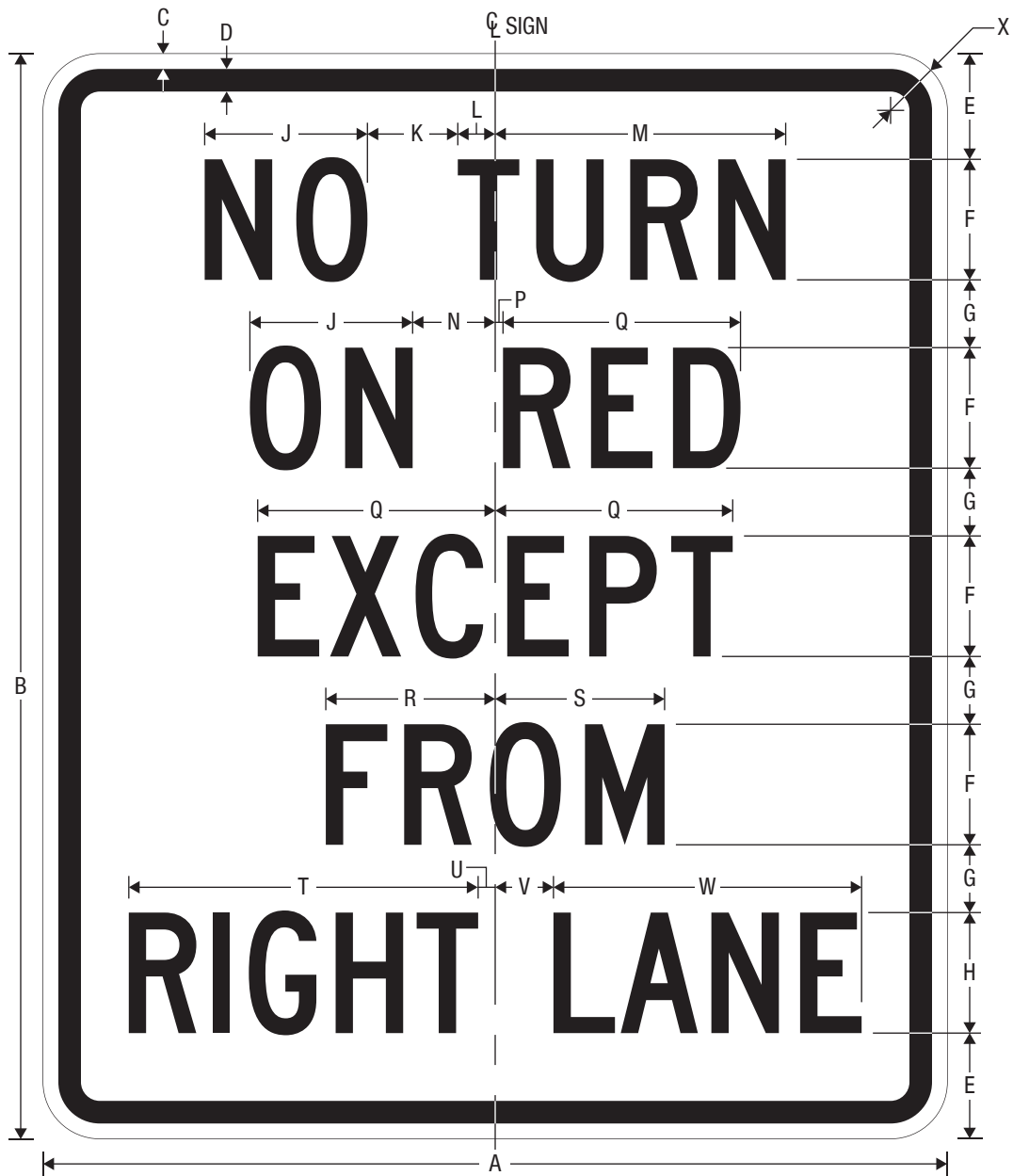


R10-11b
NO TURN ON RED

A	B	C	D	E	F	G
24	0.375	0.625	3.5	4 E	2.5	4 D
36	0.625	0.875	5	6 E	4	6 D

H	J	K	L	M	N
3.762	6.445	6.445	2.875	9.287	1.5
5.643	9.668	9.667	4.312	13.931	2.25

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



R10-11c

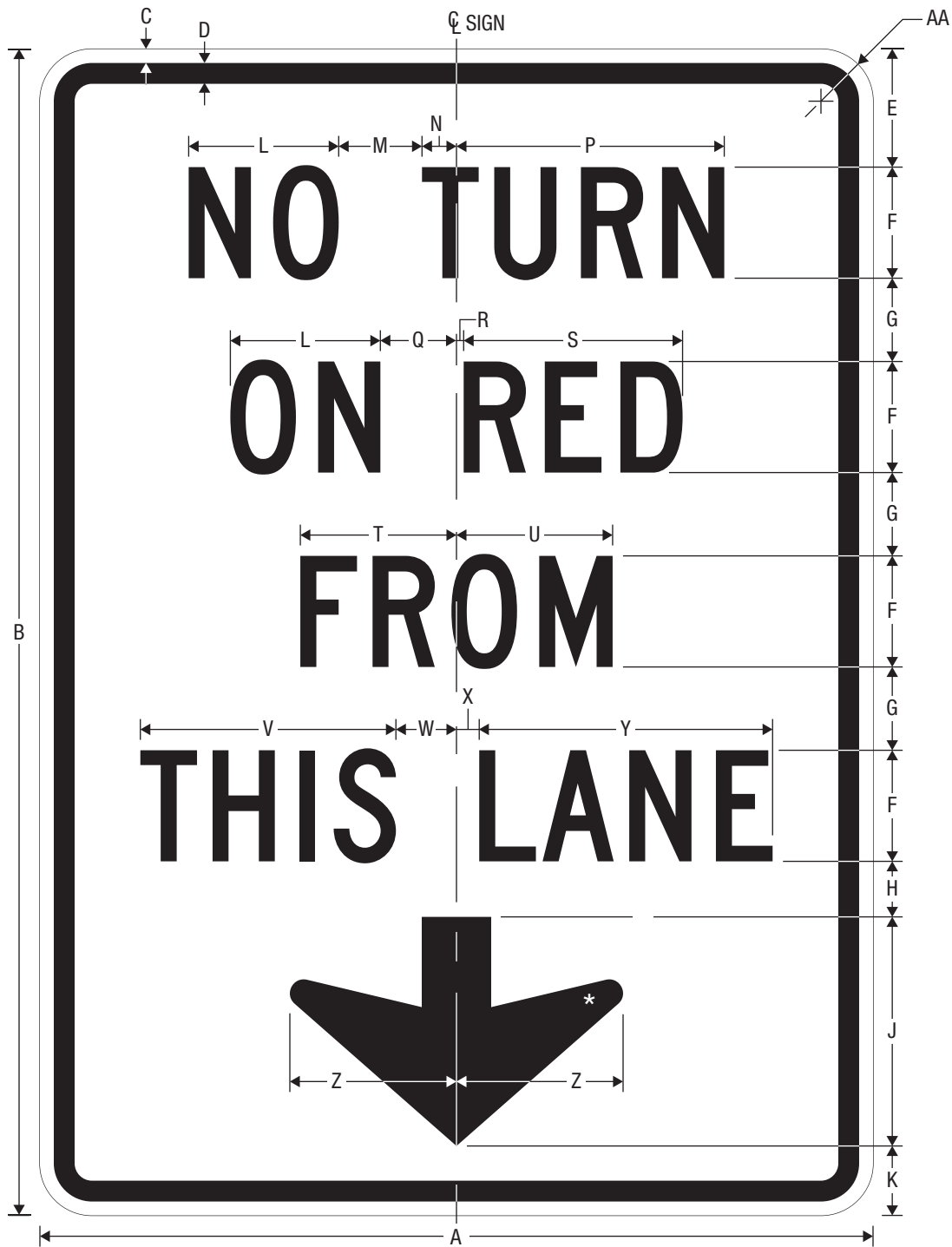
NO TURN ON RED EXCEPT FROM RIGHT LANE

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L
30	36	0.5	0.75	3.5	4 C	2.25	4 C*	5.402	3	1.241

M	N	P	Q	R	S	T	U	V	W	X
9.643	2.741	0.259	7.883	5.623	5.622	11.596	0.566	1.934	10.228	1.875

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



R10-11d

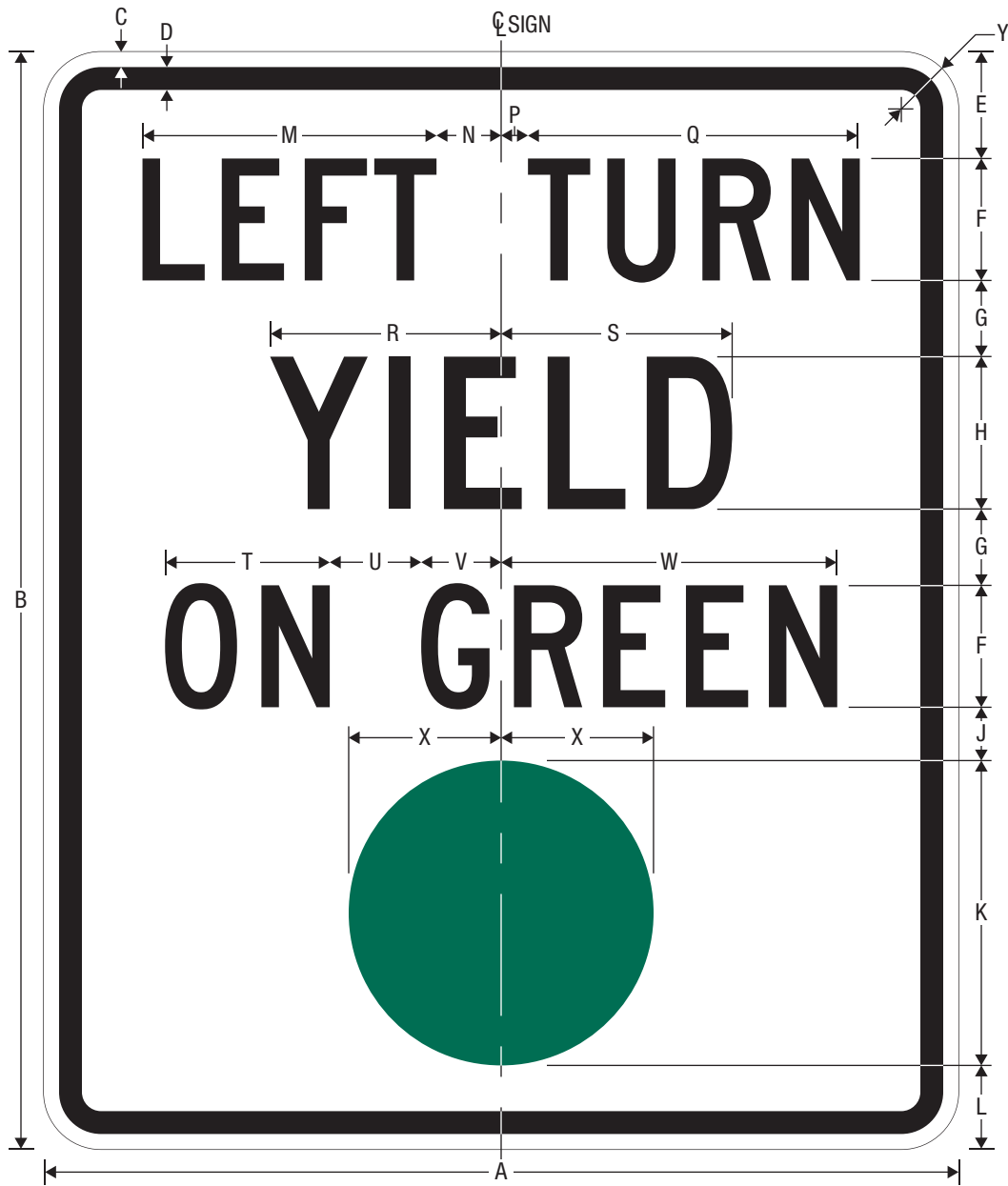
NO TURN ON RED FROM THIS LANE

* See page 7-5 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N
30	42	0.5	0.75	4.25	4 C	3	2	8.25	2.5	5.402	3	1.241

P	Q	R	S	T	U	V	W	X	Y	Z	AA
9.643	2.741	0.259	7.883	5.623	5.622	9.203	2.181	0.819	10.564	6	1.875

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

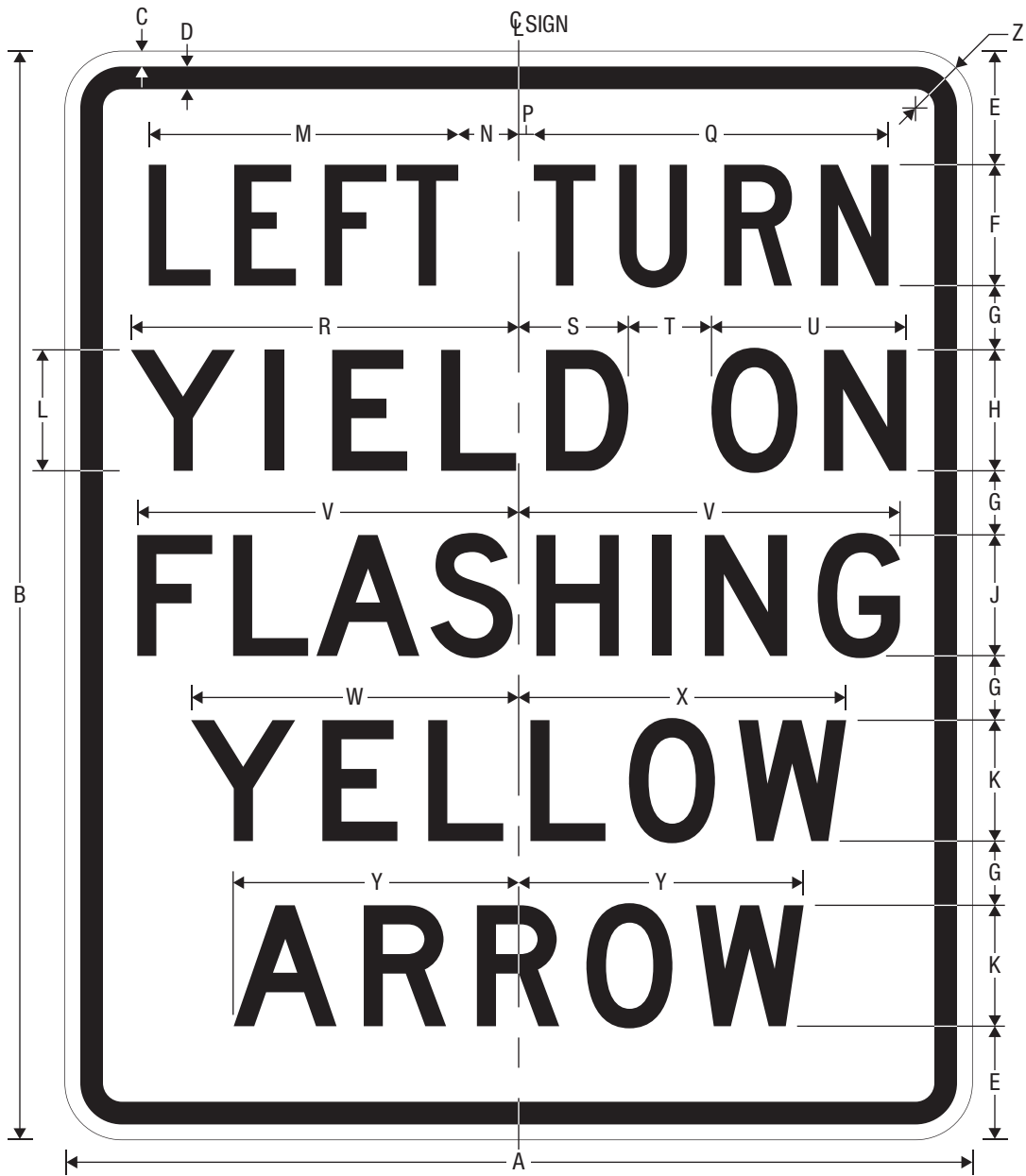


R10-12
LEFT TURN YIELD ON GREEN

A	B	C	D	E	F	G	H	J	K	L	M
30	36	0.5	0.75	3.5	4 C	2.5	5 C	1.75	10	2.75	9.644

N	P	Q	R	S	T	U	V	W	X	Y
2.120	0.880	10.884	7.578	7.577	5.402	3	2.622	11.023	5	1.875

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)
SYMBOL — GREEN (RETROREFLECTIVE)



R10-12a

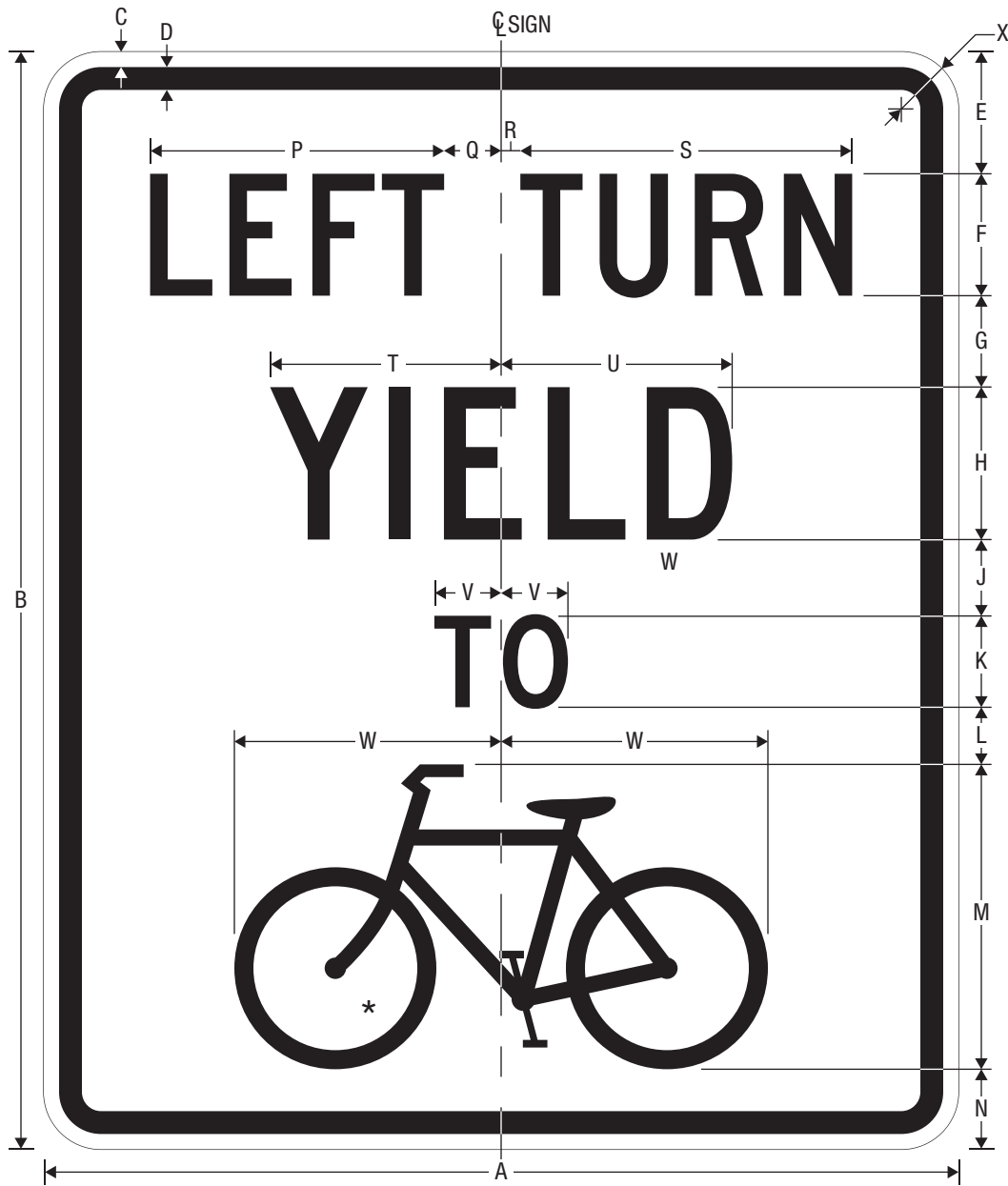
LEFT TURN YIELD ON FLASHING YELLOW ARROW

- * Increase Spacing 40%.
- ** Increase Spacing 15%.
- *** Increase Spacing 50%.
- † Increase Spacing 65%.

A	B	C	D	E	F	G	H	J	K	L	M
30	36	0.5	0.75	3.75	4 C*	2.125	4 D	4 D**	4 D***	4 D†	10.236

N	P	Q	R	S	T	U	V	W	X	Y	Z
2	0.5	11.732	12.824	3.629	2.75	6.445	12.616	10.835	10.834	9.426	1.875

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



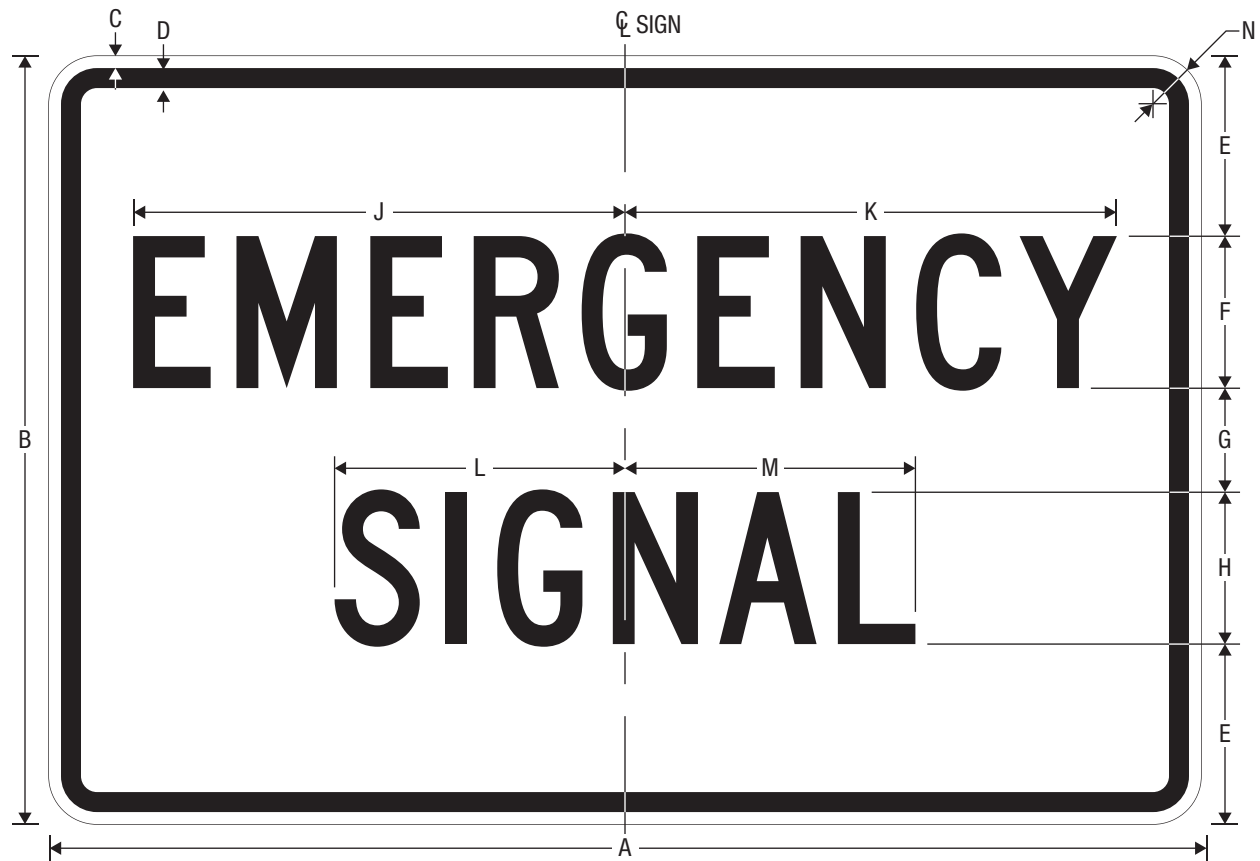
R10-12b
LEFT TURN YIELD TO BICYCLE

* See page 8-4 for symbol design.

A	B	C	D	E	F	G	H	J	K	L
30	36	0.5	0.75	4	4 C	3	5 C	2.5	3 D	1.875

M	N	P	Q	R	S	T	U	V	W	X
10	2.625	9.644	1.870	0.630	10.884	7.578	7.577	2.191	8.75	1.875

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

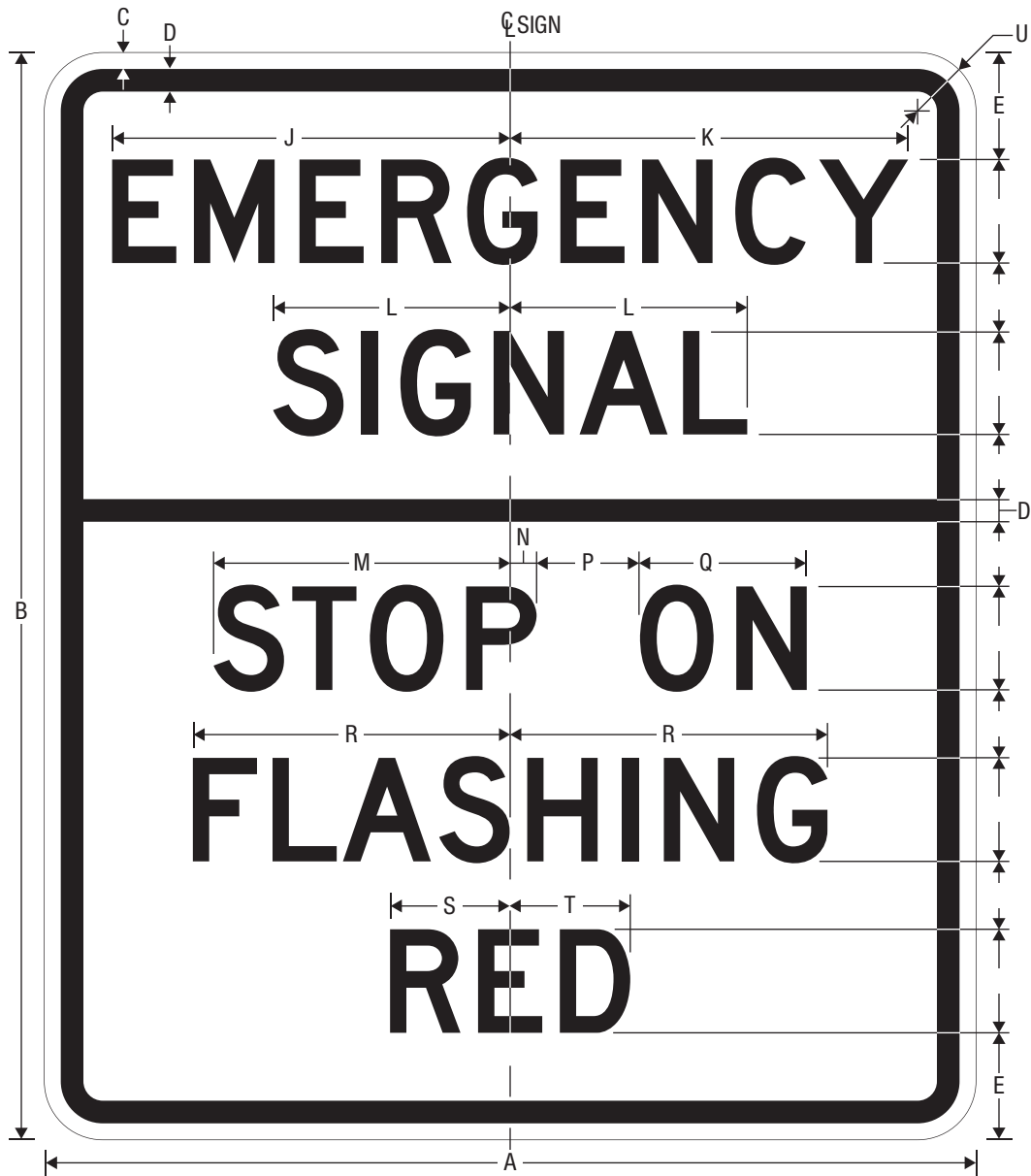


R10-13
EMERGENCY SIGNAL

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N
36	24	0.375	0.625	5.625	4.75 C	3.25	4.75 C	15.372	15.372	9.076	9.075	1.5
42	30	0.5	0.75	7	6 C*	4	6 C	18.578	18.577	11.464	11.464	1.875

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



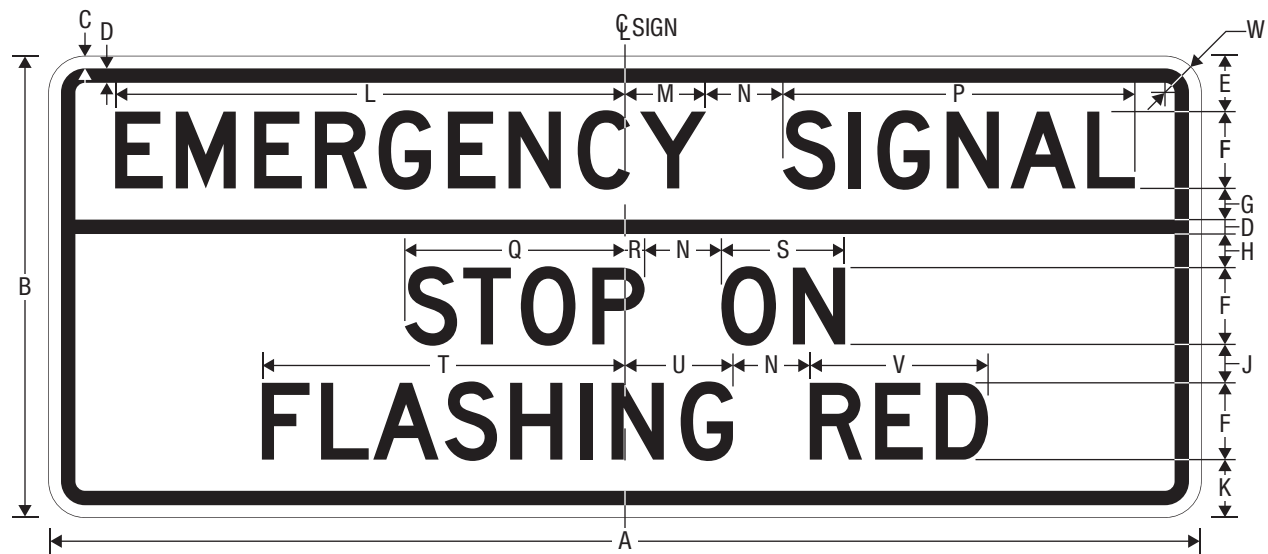
R10-14

EMERGENCY SIGNAL - STOP ON FLASHING RED

A	B	C	D	E	F	G	H	J	K
36	42	0.625	0.875	4.125	4 D	2.625	2.5	15.390	15.389

L	M	N	P	Q	R	S	T	U
9.166	11.467	1.022	4	6.445	12.268	4.644	4.643	2.25

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



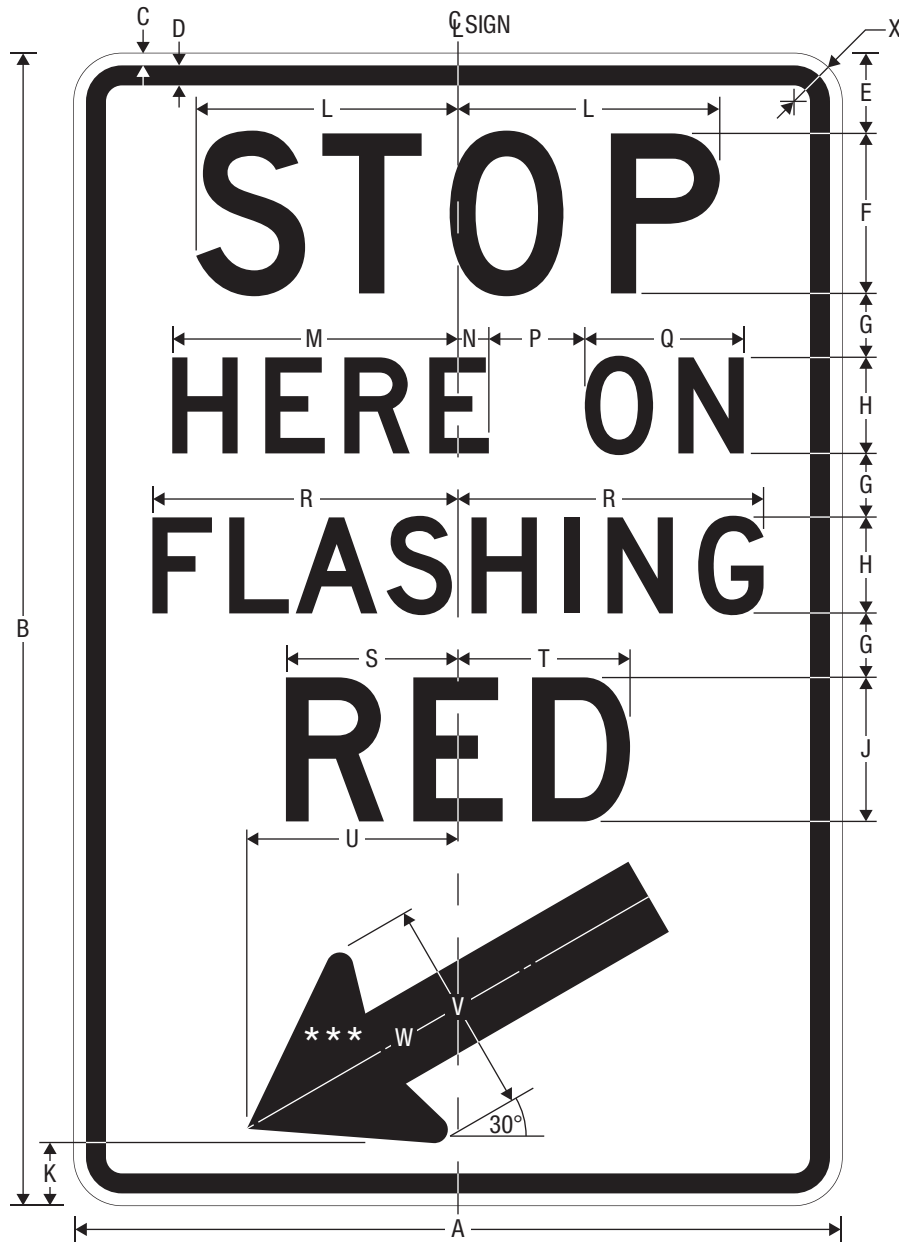
R10-14a

EMERGENCY SIGNAL - STOP ON FLASHING RED (OVERHEAD)

A	B	C	D	E	F	G	H	J	K	L
60	24	0.625	0.75	2.875	4 D	1.625	1.75	2	3	26.556

M	N	P	Q	R	S	T	U	V	W
4.223	4	18.332	11.467	1.022	6.445	18.912	5.624	9.287	1.875

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



R10-14b

STOP HERE ON FLASHING RED

* Increase Spacing 35%.

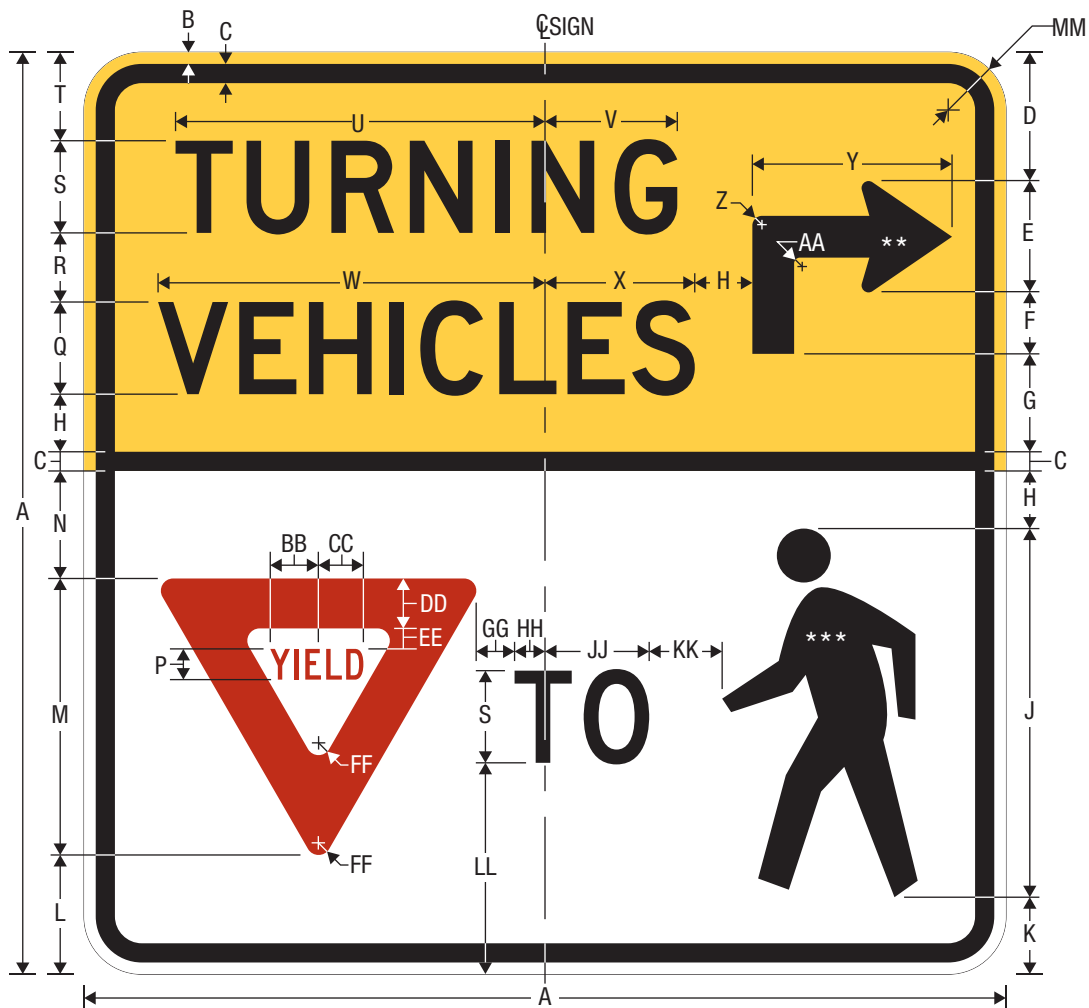
** Increase Spacing 20%.

*** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
24	36	0.375	0.625	2.5	5 D*	2	3 D**	4.5 D**	1.967	8.182
36	48	0.625	0.875	3.75	7 D	2.5	4 D**	6 D**	2.702	10.928

M	N	P	Q	R	S	T	U	V	W	X
8.830	0.964	3	4.965	9.549	5.377	5.377	6.600	6.75	14.5	1.5
11.907	1.285	4	6.621	12.732	7.170	7.169	8.652	9.5	19	2.25

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



R10-15R

TURNING VEHICLES YIELD TO PEDESTRIANS



R10-15L

* Reduce Spacing 20%.

** See page 7-3 for arrow design.

*** See page 8-7 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M
30	0.375	0.625	4.188	3.625	2	3.188	1.875	12	2.5	3.875	9
N	P	Q	R	S	T	U	V	W	X	Y	Z
3.5	1 C	3 D*	2.25	3 D	2.875	12.026	4.306	12.596	4.875	6.5	0.313
AA	BB	CC	DD	EE	FF	GG	HH	JJ	KK	LL	MM
0.188	1.573	1.458	1.625	0.667	0.400	1.25	0.991	3.391	2.375	6.875	1.875

UPPER SECTION

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE) or
FLUORESCENT YELLOW-GREEN
(RETROREFLECTIVE)

LOWER SECTION

COLORS: LEGEND, BORDER — BLACK
YIELD SIGN LEGEND AND
OUTER BACKGROUND — RED (RETROREFLECTIVE)
BACKGROUND, YIELD SIGN,
INNER BACKGROUND — WHITE (RETROREFLECTIVE)



R10-15aR

TURNING VEHICLES STOP FOR PEDESTRIANS



R10-15aL

* Reduce Spacing 20%.

** See page 7-3 for arrow design.

*** See page 8-7 for symbol design.

A	B	C	D	E	F	G	H	J	K	L
30	0.375	0.625	4.188	3.625	2	3.188	1.875	12	2.5	3.875

M	N	P	Q	R	S	T	U	V	W	X
9	3.5	3 C	3 D*	2.25	3 D	2.875	12.026	4.306	12.596	4.875

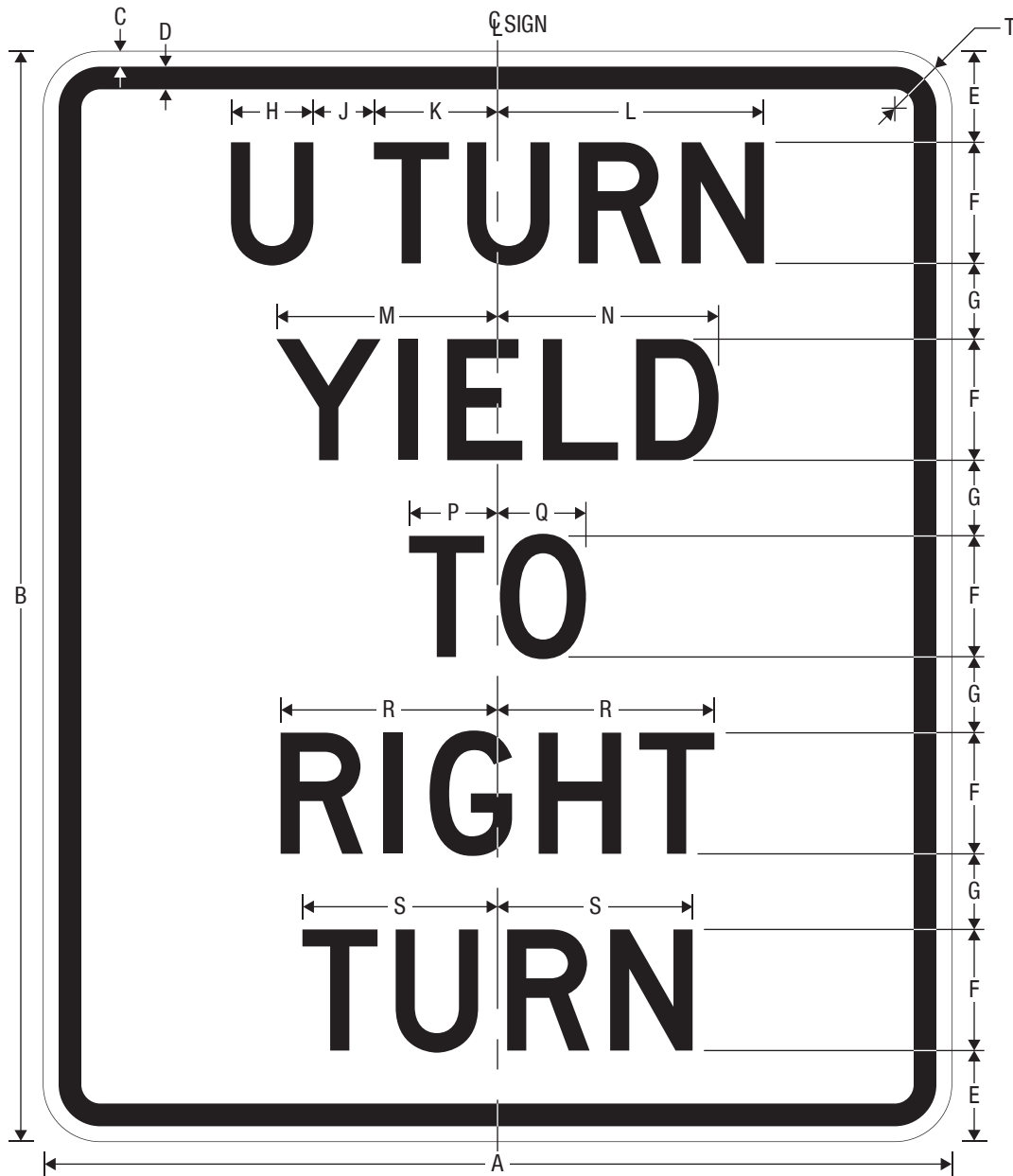
Y	Z	AA	BB	CC	DD	EE	FF	GG	HH
6.5	0.313	0.188	3.947	3.946	1.375	2.226	4.859	6.875	1.875

UPPER SECTION

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE) or
FLUORESCENT YELLOW-GREEN
(RETROREFLECTIVE)

LOWER SECTION

COLORS: LEGEND, BORDER — BLACK
STOP SIGN BACKGROUND — RED (RETROREFLECTIVE)
BACKGROUND,
STOP SIGN LEGEND — WHITE (RETROREFLECTIVE)



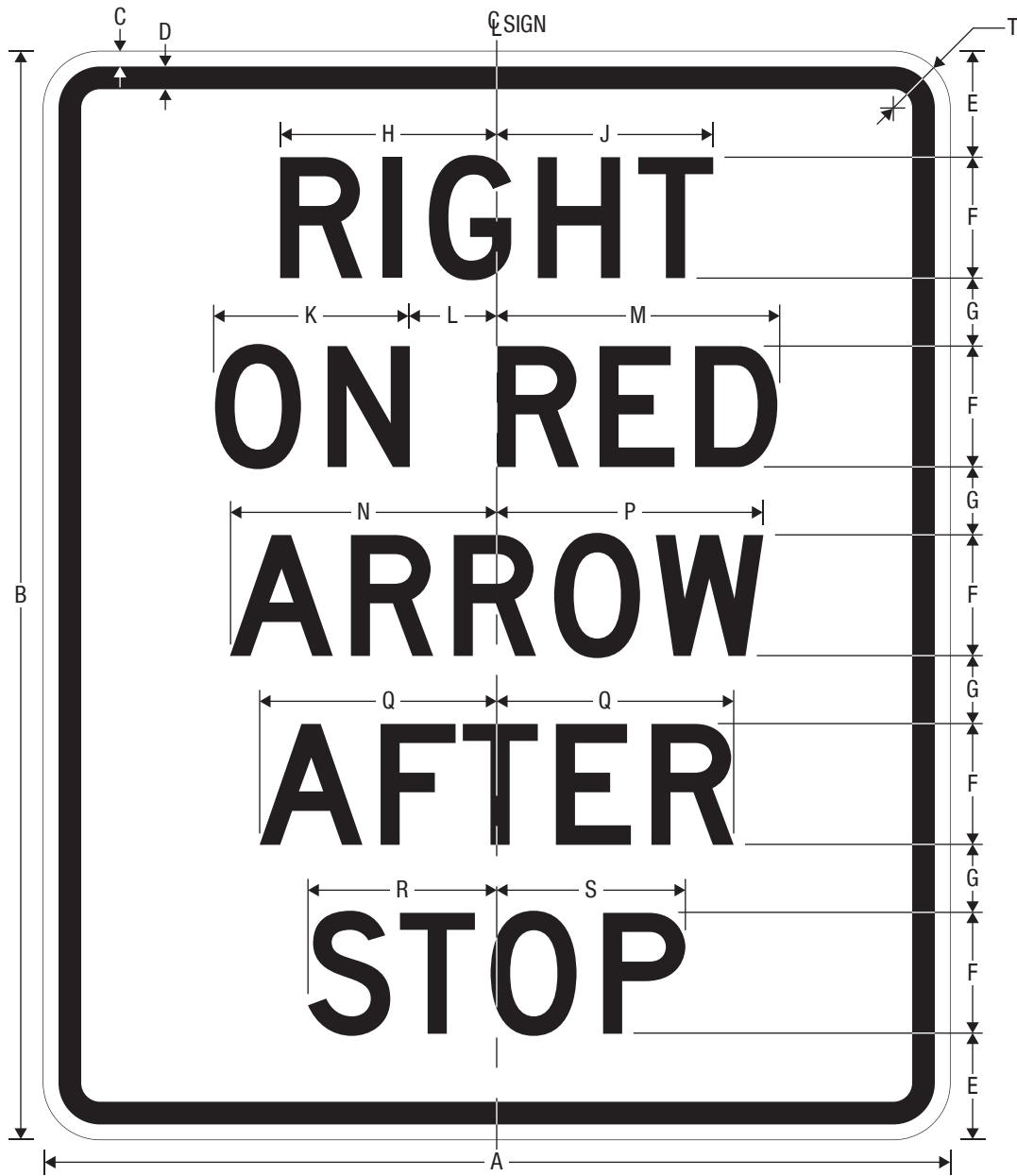
R10-16

U-TURN YIELD TO RIGHT TURN

A	B	C	D	E	F	G	H	J
30	36	0.5	0.75	3	4 D	2.5	2.723	2

K	L	M	N	P	Q	R	S	T
4.084	8.806	7.304	7.303	2.922	2.921	7.165	6.445	1.875

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



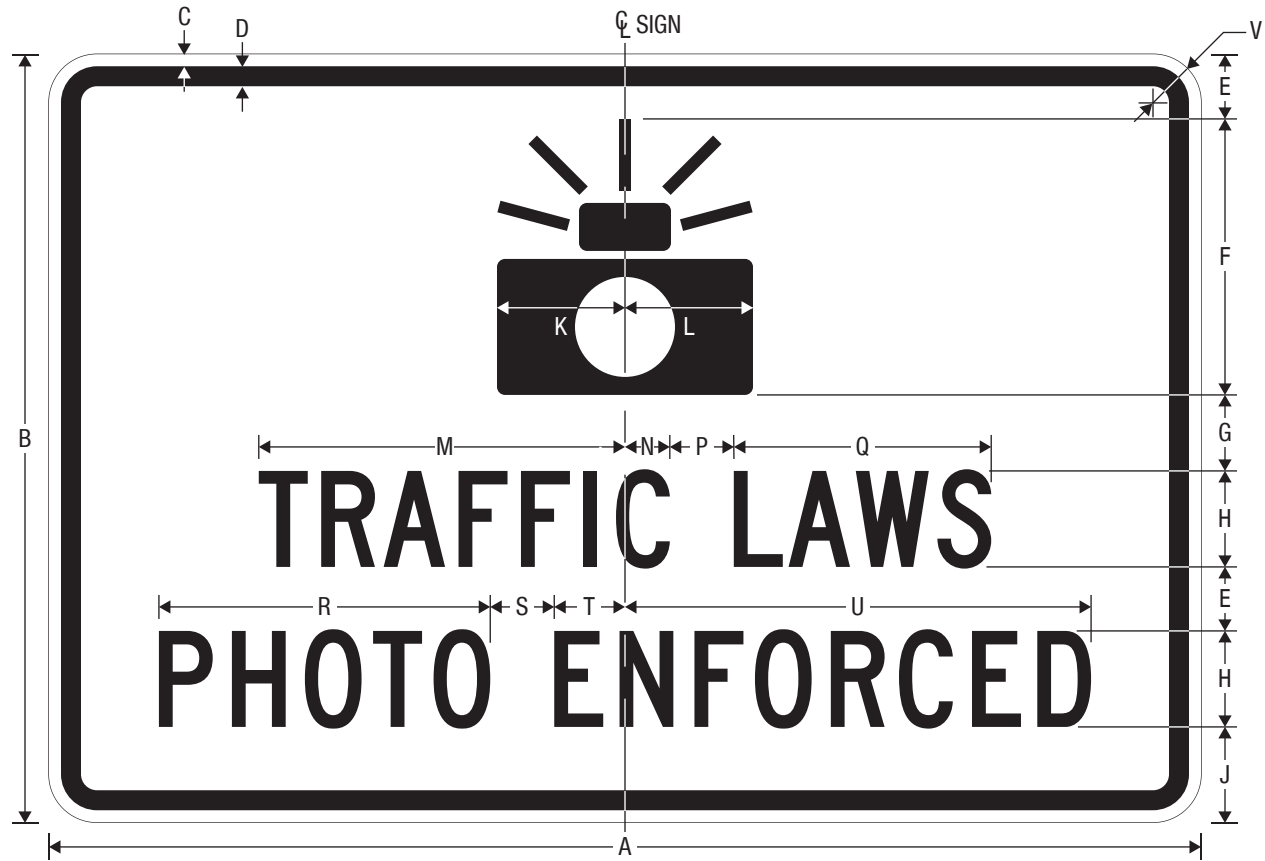
R10-17a

RIGHT ON RED ARROW AFTER STOP

A	B	C	D	E	F	G	H	J
30	36	0.5	0.75	3.5	4 D	2.25	7.165	7.165
36	48	0.625	0.875	4.5	5 D	3.5	8.957	8.956

K	L	M	N	P	Q	R	S	T
6.445	2.875	9.287	8.826	8.826	7.844	6.245	6.244	1.875
8.056	3.5	11.609	11.033	11.032	9.805	7.806	7.805	2.25

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



R10-18

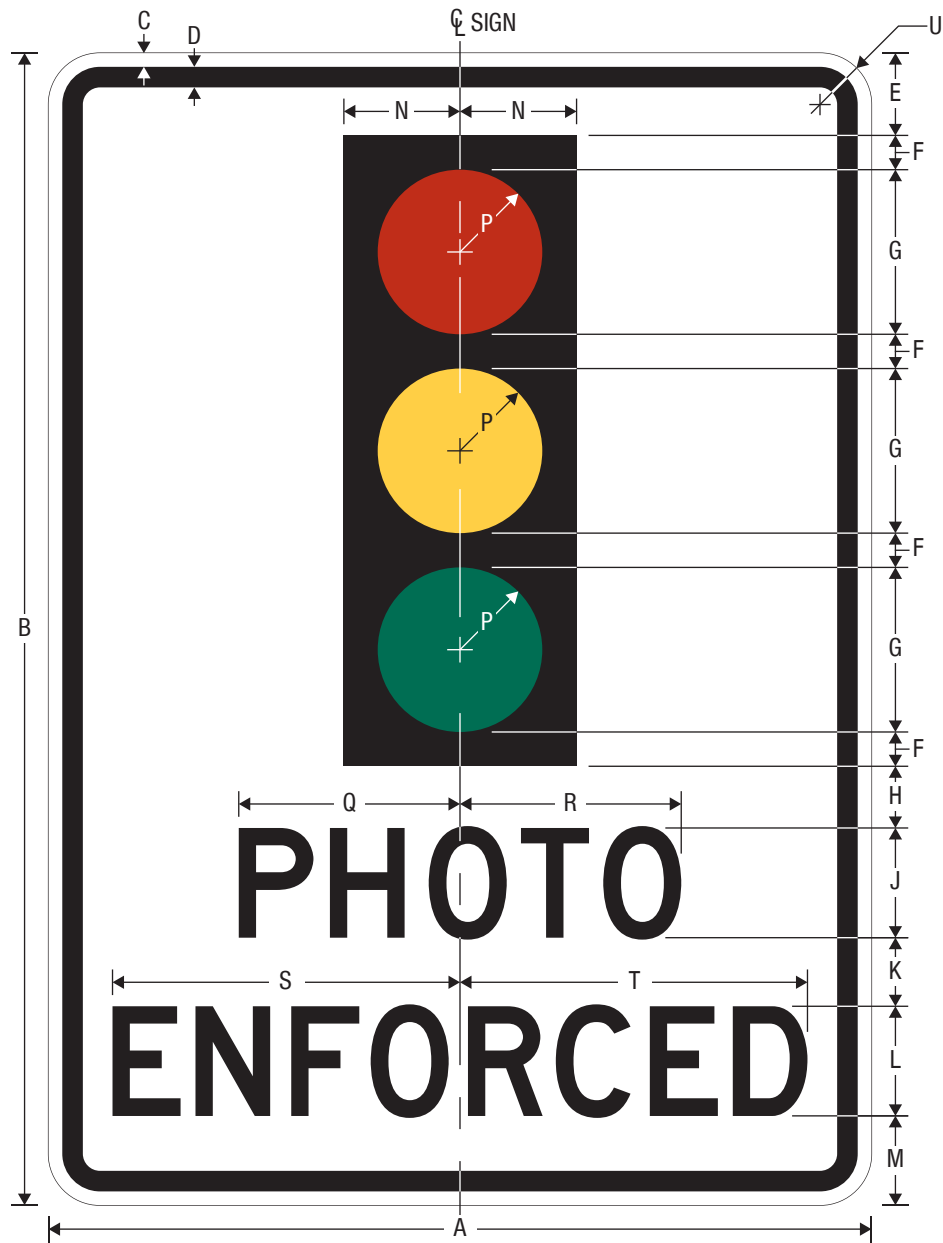
TRAFFIC LAWS PHOTO ENFORCED

* See page 8-76 for symbol design.

A	B	C	D	E	F	G	H	J	K
36	24	0.375	0.625	2	8.625	2.375	3 C	3	4
48	30	0.625	0.75	2.5	11.5	2.75	4 C	2.75	5.334
54	36	0.625	0.875	3.5	13	3.5	4.5 C	3.5	6.029

L	M	N	P	Q	R	S	T	U	V
4	11.444	1.401	2	8.044	10.354	2	2.211	14.565	1.5
5.333	15.426	1.700	3	10.725	13.805	3	2.781	19.587	1.875
6.029	17.354	1.913	3.375	12.066	15.531	3.375	3.129	22.035	2.25

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



R10-18a
TRAFFIC SIGNAL PHOTO ENFORCED

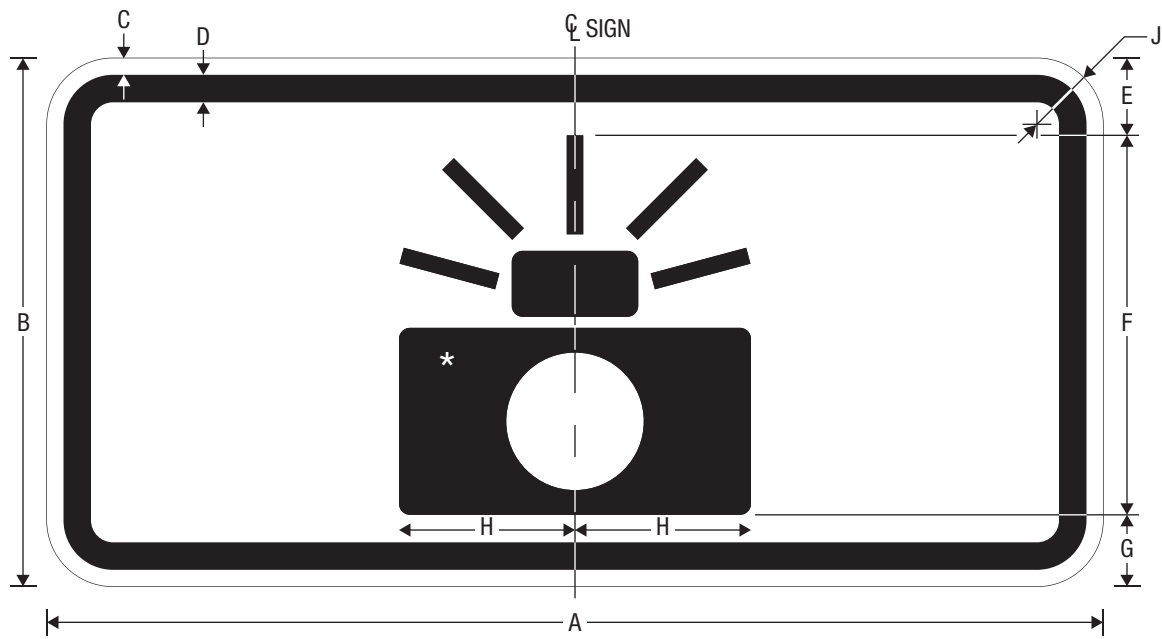
* Reduce Spacing 20%.
** Reduce Spacing 40%.

A	B	C	D	E	F	G	H	J	K
30	42	0.5	0.75	3	1.25	6	2.25	4 D	2.5
36	54	0.625	0.875	4.5	1.625	7.5	3	5 D*	3

L	M	N	P	Q	R	S	T	U
4 D*	3.25	4.25	3	8.066	8.065	12.669	12.668	1.875
5 D**	4.5	5.375	3.75	9.767	9.767	15.186	15.185	2.25

COLORS: LEGEND & BORDER
BACKGROUND
SYMBOL BACKGROUND
TOP CIRCLE
CENTER CIRCLE
BOTTOM CIRCLE

— BLACK
— WHITE (RETROREFLECTIVE)
— BLACK
— RED (RETROREFLECTIVE)
— YELLOW (RETROREFLECTIVE)
— GREEN (RETROREFLECTIVE)



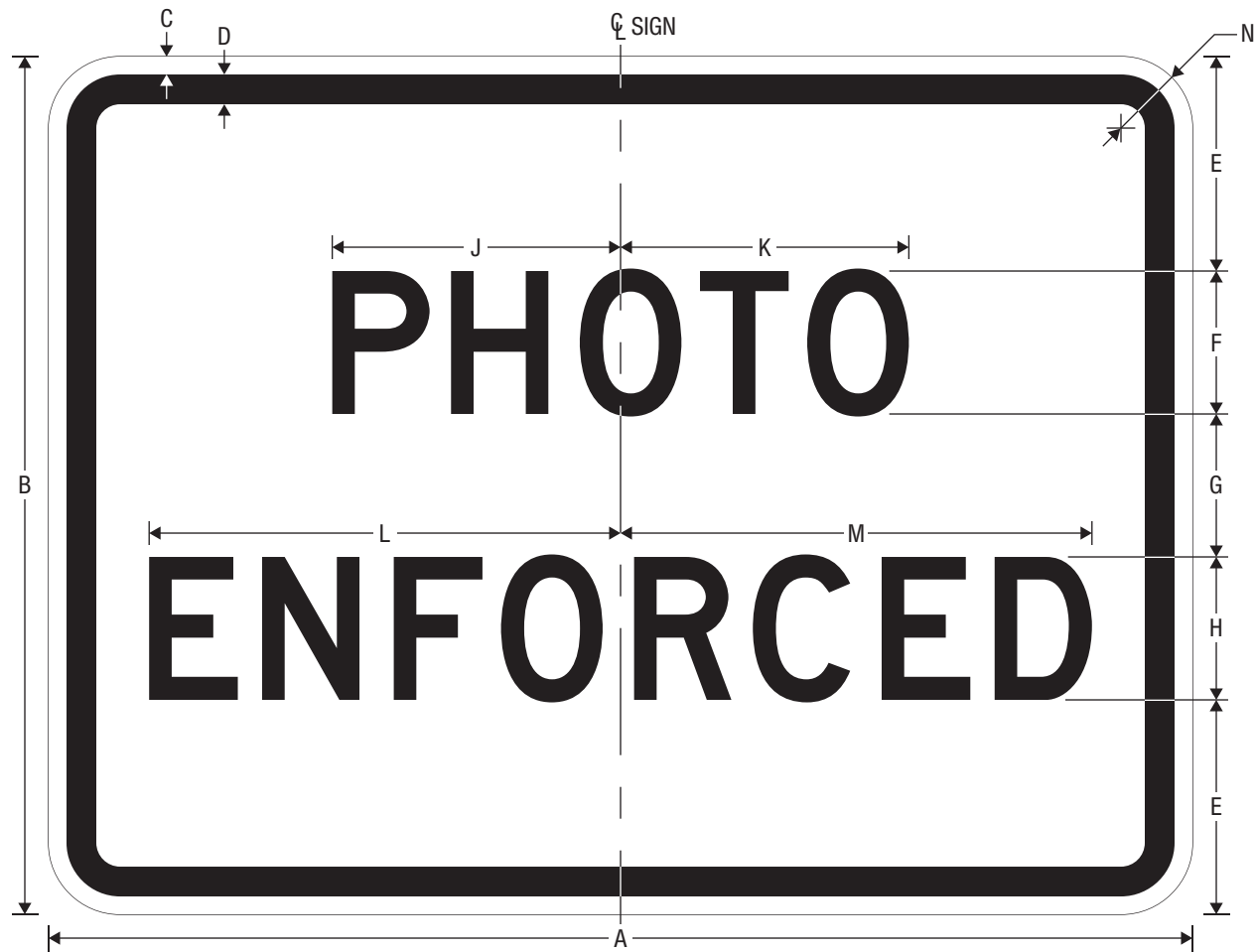
R10-19P

PHOTO ENFORCED (SYMBOL PLAQUE)

* See page 8-76 for symbol design.

A	B	C	D	E	F	G	H	J
24	12	0.375	0.625	1.75	8.625	1.625	4	1.5
36	18	0.625	0.875	2.5	13	2.5	6.029	2.25
48	24	0.75	1.25	3.375	17.25	3.375	8	3

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

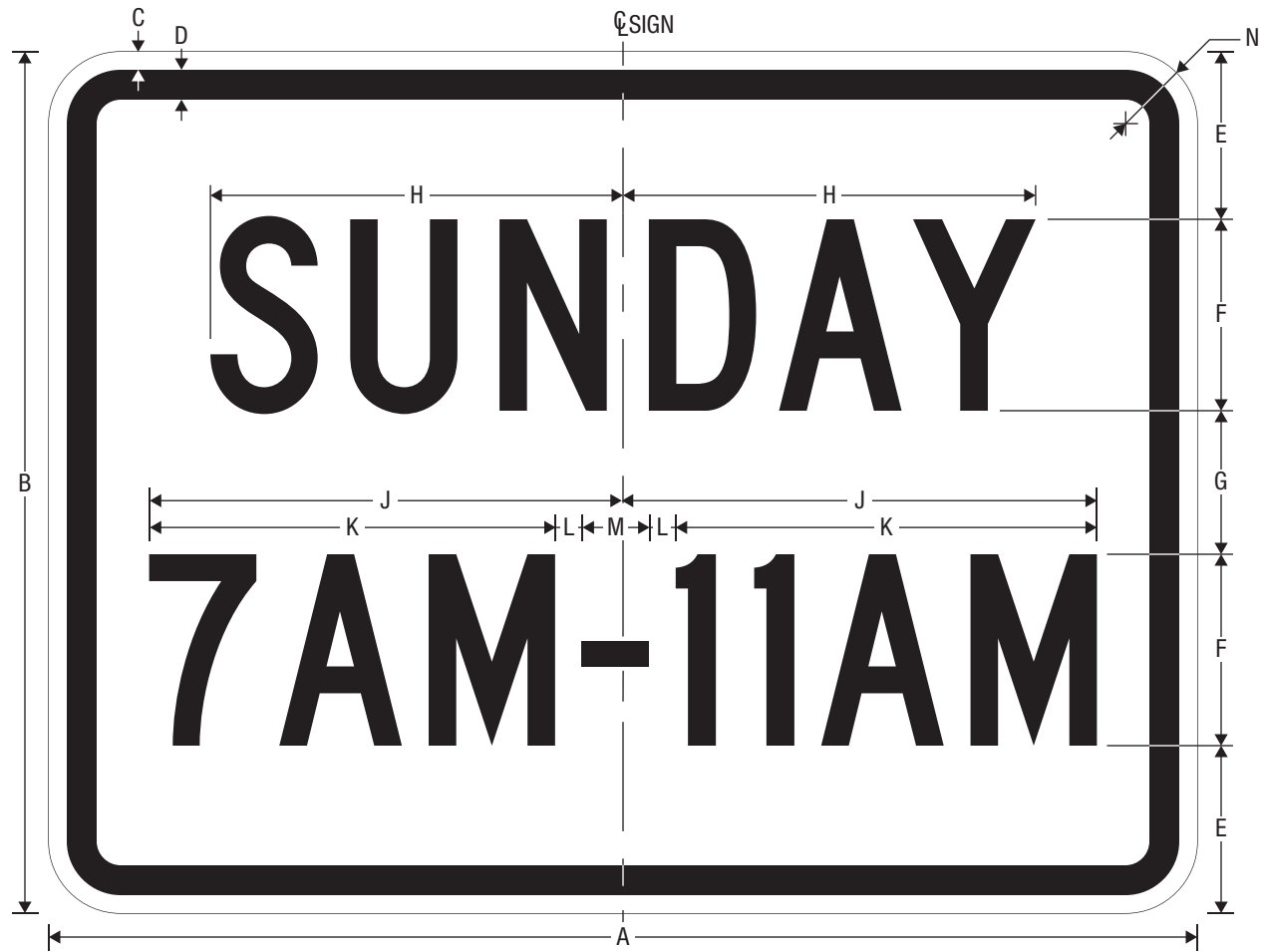


R10-19aP
PHOTO ENFORCED (PLAQUE)

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N
24	18	0.375	0.625	4.5	3 D	3	3 D	6.049	6.049	9.892	9.891	1.5
36	24	0.375	0.625	5.25	4.5 D	4.5	4.5 D*	9.074	9.073	14.252	14.252	1.5
48	36	0.625	0.875	9	6 D	6	6 D	12.099	12.098	19.783	19.782	2.25

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



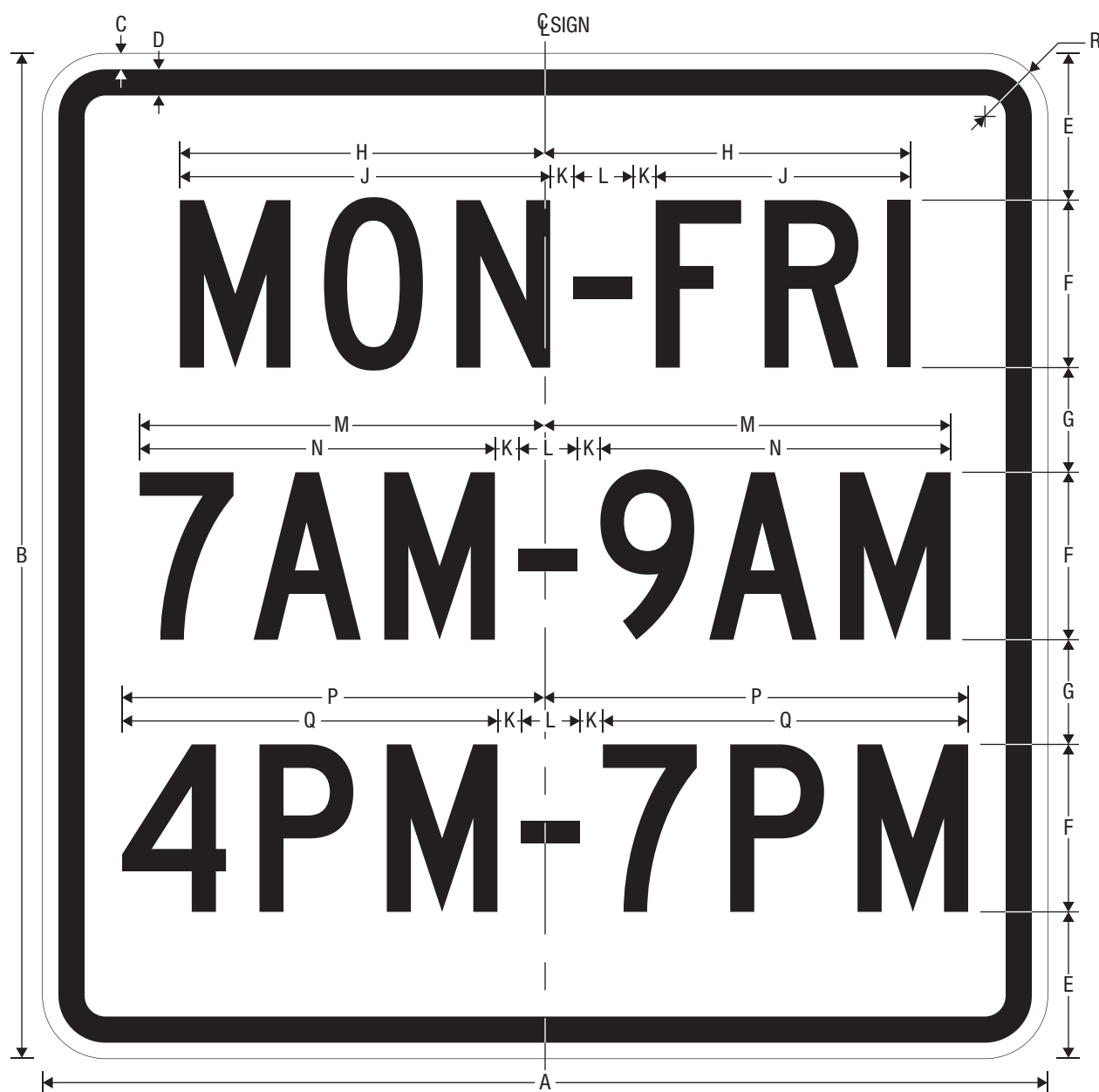
R10-20aP

SUNDAY (AND TIMES) (2 LINES) (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M	N
24	18	0.375	0.625	3.5	4 C	3	VAR	VAR	VAR	0.560	1.400	1.5

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

2-347-1



R10-20aP
MON-FRI (AND TIMES) (3 LINES) (PLAQUE)

A	B	C	D	E	F	G	H
24	18	0.375	0.625	3.5	4 C	3	VAR

J	K	L	M	N	P	Q	R
VAR	0.560	1.400	VAR	VAR	VAR	VAR	1.5

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

2-347-2



R10-22
BICYCLE DETECTOR

* See page 8-4 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M
12	18	0.375	0.375	2.125	1.75 B	1.25	1	2	0.5	3	3.875

N	P	Q	R	S	T	U	V	W	X	Y
1.663	1.844	4.757	2.381	0.25	3.554	1.075	4.75	1.891	1.906	1.5

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



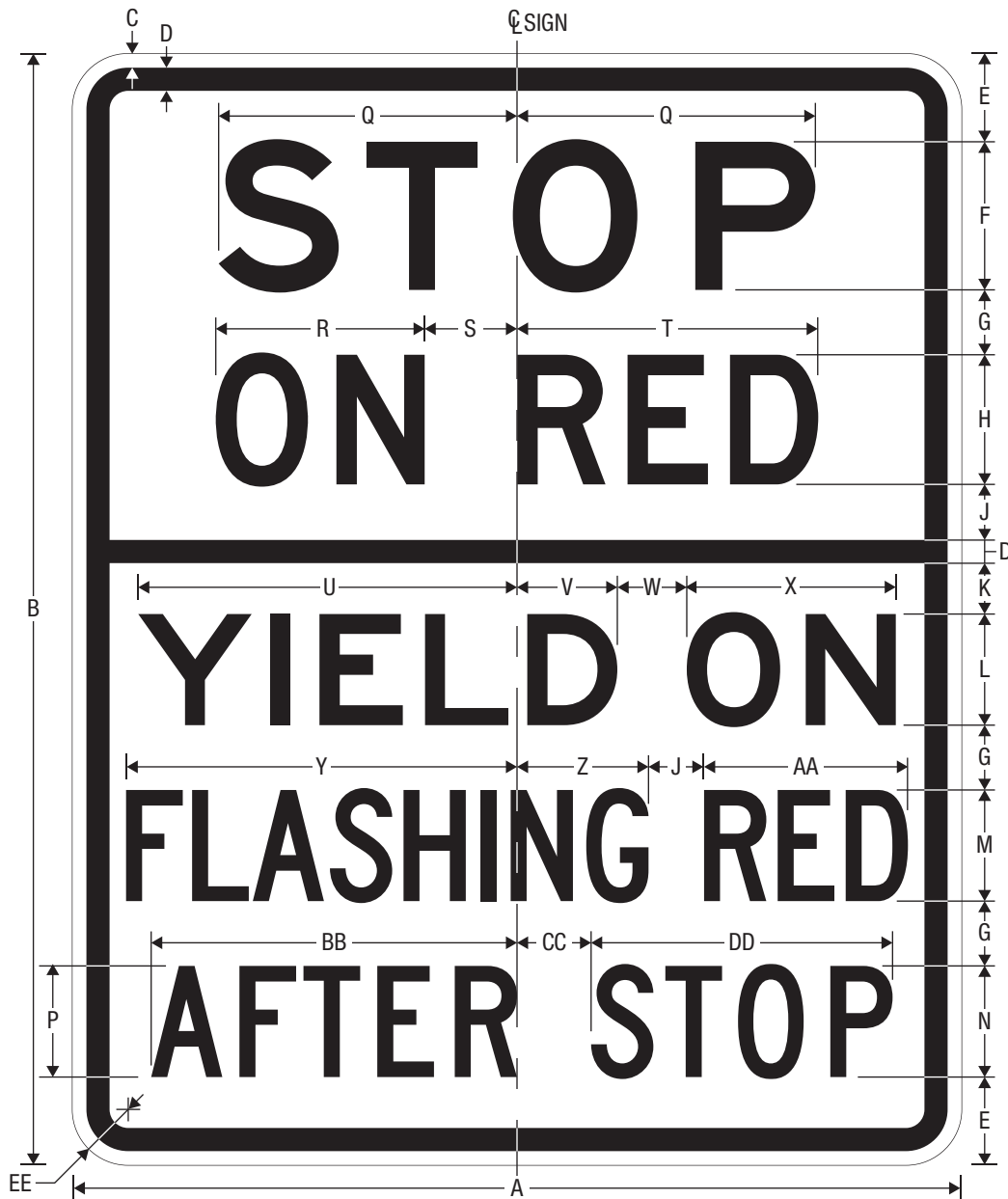
R10-23
CROSSWALK - STOP ON RED

* Increase Spacing 50%.

A	B	C	D	E	F	G	H	J	K
24	30	0.375	0.625	2.25	4 B	1.25	1.75	5 D*	4 D

L	M	N	P	Q	R	S	T	U	V
6	2.125	10.305	10.304	8.343	6.445	3	9.287	3	1.5

COLORS: LEGEND, BORDER — BLACK
CIRCLE — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R10-23a

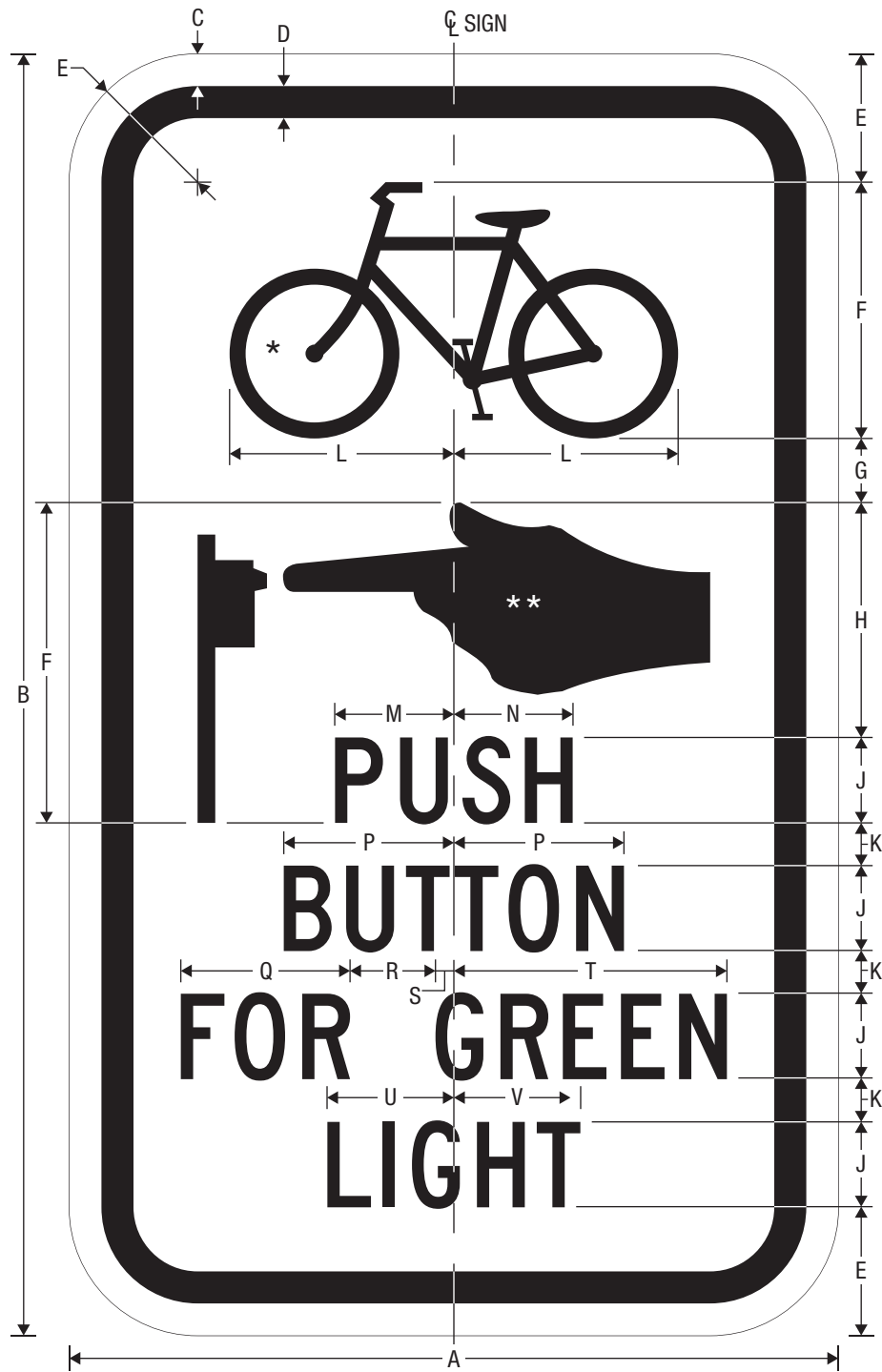
STOP ON RED - YIELD ON FLASHING RED AFTER STOP

- * Increase Spacing 70%.
- ** Reduce Spacing 40%.
- *** Increase Spacing 20%.
- † Increase Spacing 10%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
24	30	0.375	0.625	2.375	4 E*	1.75	3.5 D	1.5	1.375	3 E	3 C**	3 C***	3 C†	8.055

R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE
5.639	2.5	8.126	10.226	2.708	1.875	5.643	10.555	3.550	5.504	9.877	2	8.139	1.5

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



R10-24

BIKE PUSH BUTTON FOR GREEN LIGHT

* See page 8-4 for symbol design.

** See page 8-63 for symbol design.

A	B	C	D	E	F	G	H	J	K
9	15	0.375	0.375	1.5	3.75	0.75	2.75	1 C	0.5

L	M	N	P	Q	R	S	T	U	V
2.625	1.391	1.390	1.991	1.981	1	0.215	3.196	1.481	1.480

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



R10-25

PUSH FOR WARNING LIGHTS - WAIT FOR GAP

* Reduce Spacing 20%.

** Reduce Spacing 10%.

*** Increase Spacing 10%.

† Increase Spacing 20%.

†† Reduce Spacing 30%.

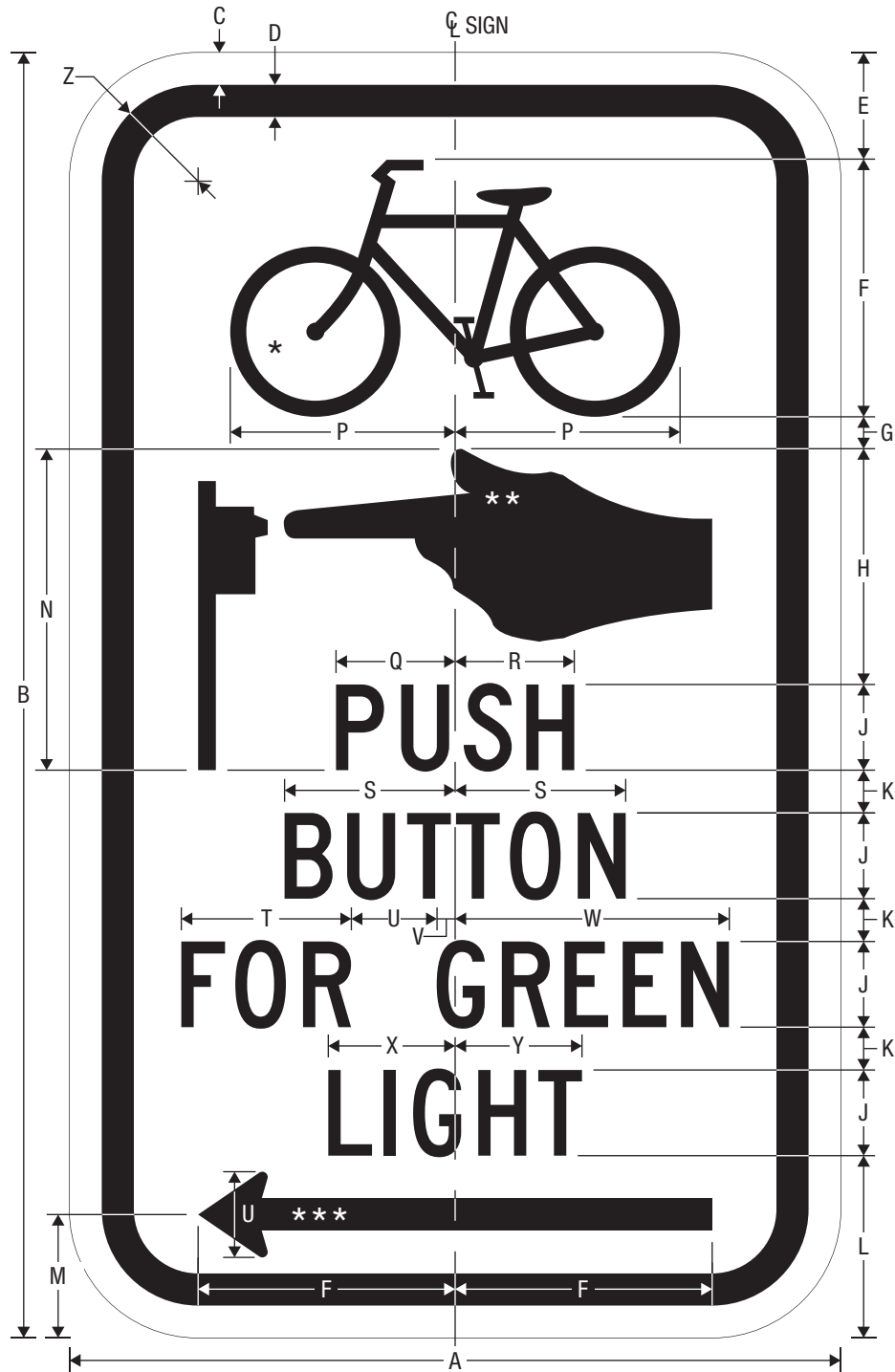
††† See page 8-63 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M
9	12	0.375	0.375	1	3	0.75 C*	0.5	1 C**	1 C***	0.25	1 C*

N	P	Q	R	S	T	U	V	W	X	Y	Z
1 C††	3.75	3	2.005	0.383	0.117	2.883	1.885	0.5	1.153	3.538	1.844

AA	BB	CC	DD	EE	FF	GG	HH	JJ	KK	LL
1.844	2.323	0.5	0.782	1.135	1.969	0.964	0.75	1.369	3.083	1.5

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



R10-26

BIKE PUSH BUTTON FOR GREEN LIGHT (ARROW)

* See page 8-4 for symbol design.

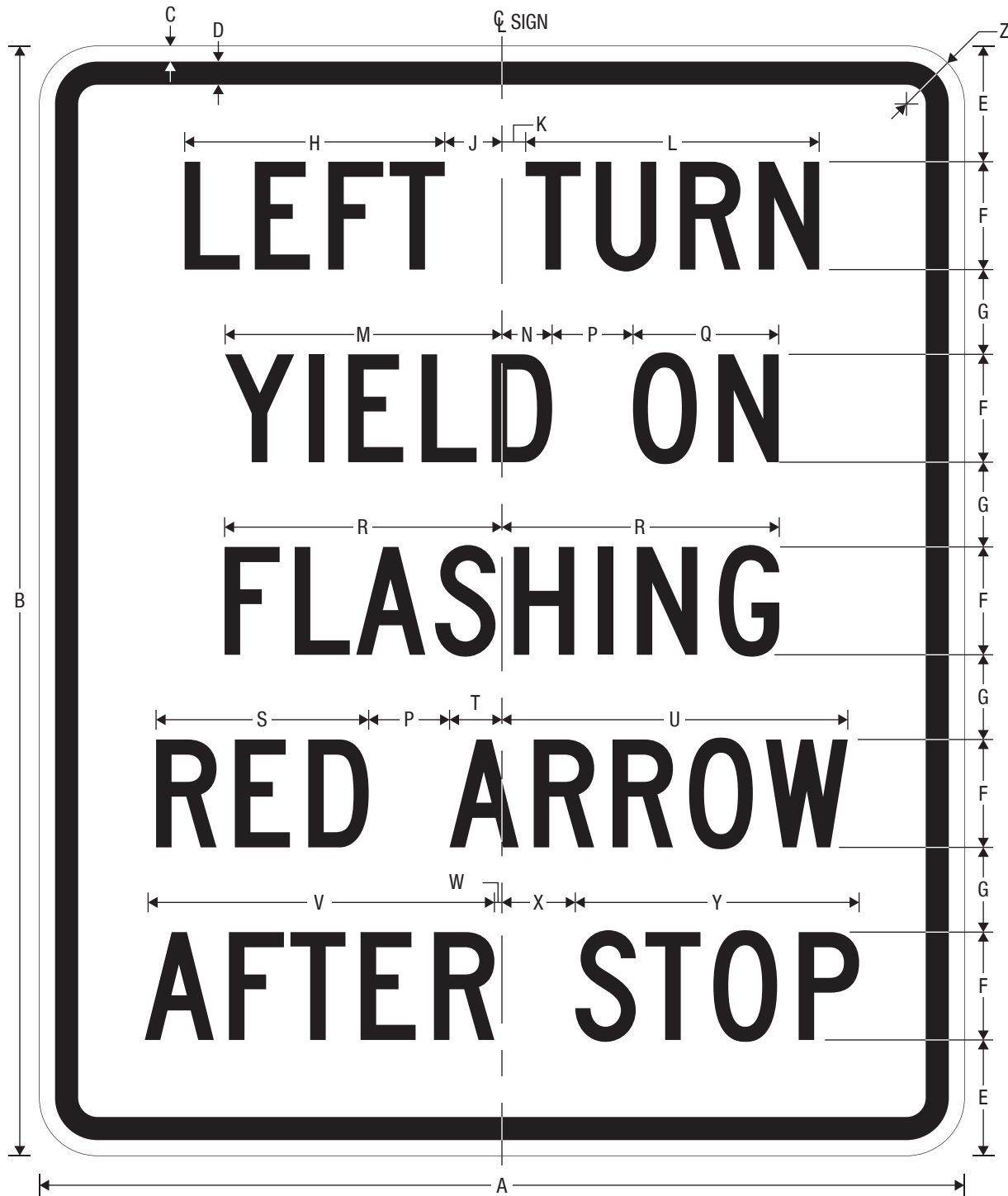
** See page 8-63 for symbol design.

*** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
9	15	0.375	0.375	1.25	3	0.375	2.75	1 C	0.5	2.125	1.438

N	P	Q	R	S	T	U	V	W	X	Y	Z
3.75	2.625	1.391	1.390	1.991	1.981	1	0.215	3.196	1.481	1.480	1.5

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



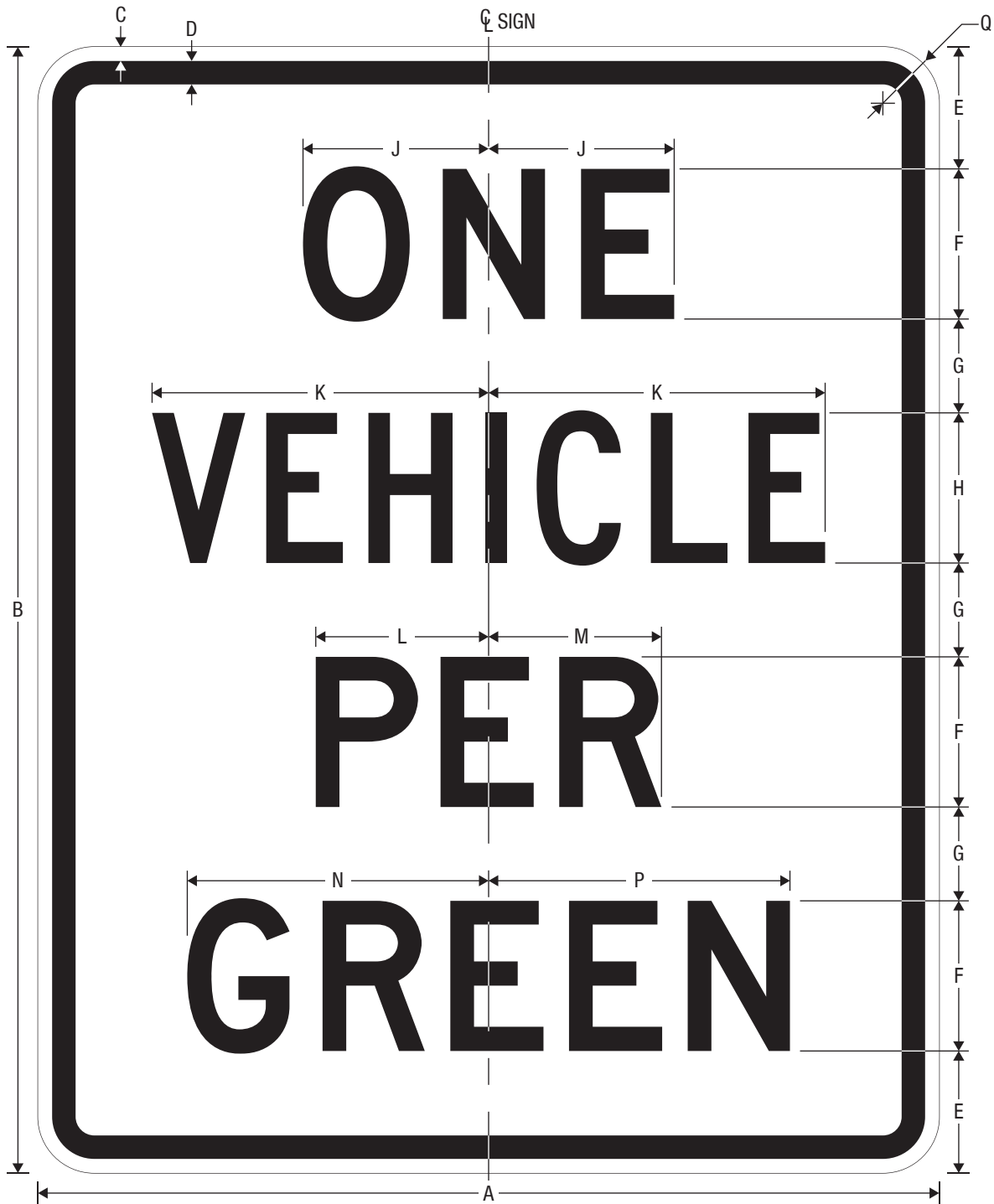
R10-27

LEFT TURN YIELD ON FLASHING RED ARROW AFTER STOP

A	B	C	D	E	F	G	H	J	K	L	M
30	36	0.5	0.75	3.75	3.5 C	2.75	8.439	1.855	0.770	9.524	8.981

N	P	Q	R	S	T	U	V	W	X	Y	Z
1.628	2.625	4.727	8.998	6.898	1.699	11.221	11.344	0.245	2.380	9.209	1.875

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



R10-28

XX VEHICLES PER GREEN

A	B	C	D	E	F	G	H
24	30	0.375	0.625	3.25	4 D	2.5	4 C

J	K	L	M	N	P	Q
4.943	8.963	4.604	4.603	8.026	8.025	1.5

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

2-355



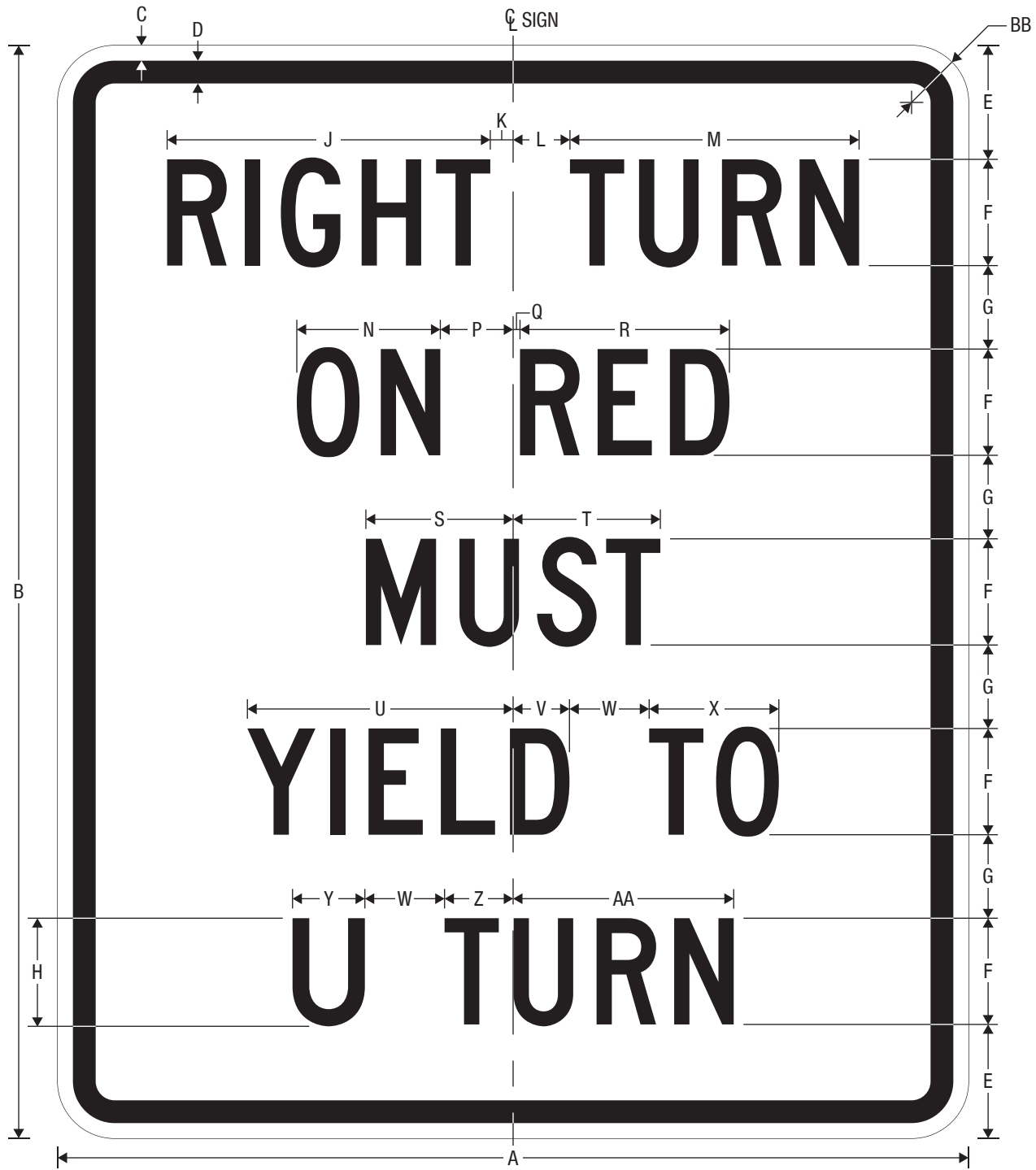
R10-29

XX VEHICLES PER GREEN EACH LANE

A	B	C	D	E	F	G	H	J	K	L
36	24	0.375	0.625	3.25	4 D	2.75	2.25	5 D	1.25	4

M	N	P	Q	R	S	T	U	V	W	X
7.961	13.210	9.207	3	1.922	14.129	13.049	1.419	1.581	12.887	1.5

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



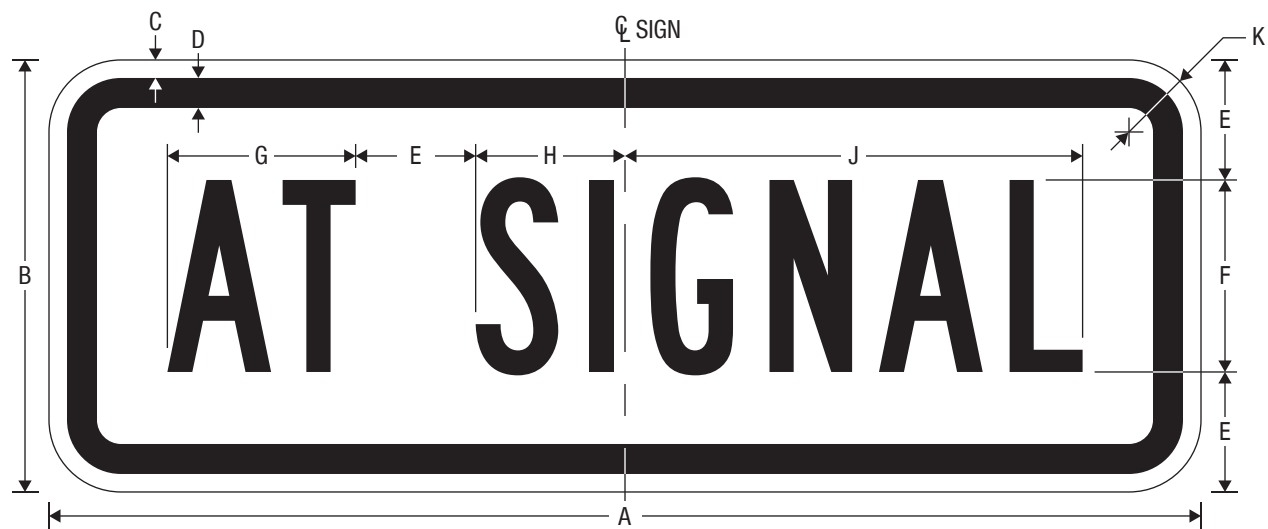
R10-30

RIGHT TURN ON RED MUST YIELD TO U-TURN

A	B	C	D	E	F	G	H	J	K	L	M	N
30	36	0.5	0.75	3.75	3.5 C	2.75	3.5 D	10.644	0.752	1.873	9.524	4.727

P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB
2.398	0.227	6.898	4.850	4.849	8.753	1.856	2.625	4.272	2.383	2.258	7.266	1.875

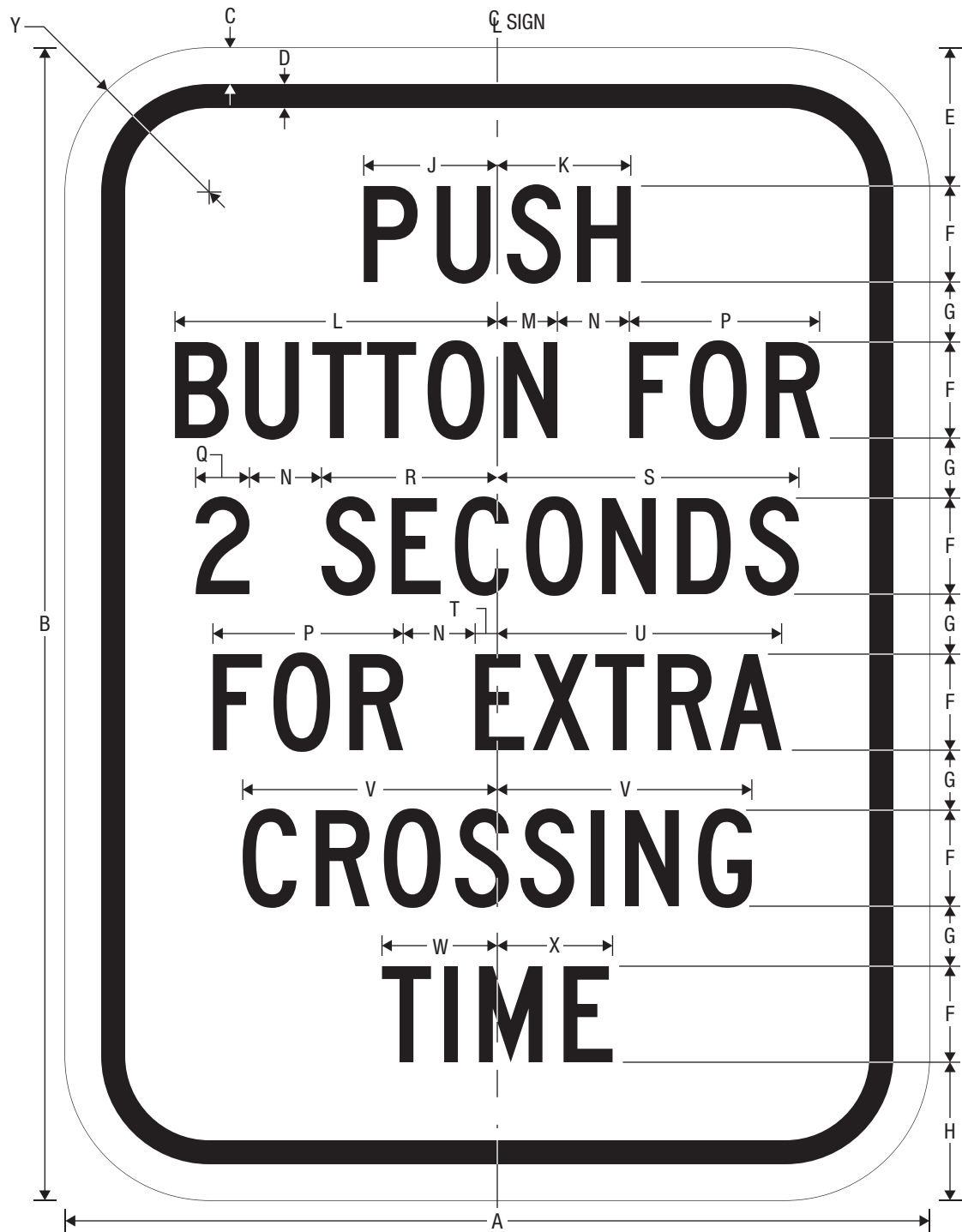
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R10-31P
AT SIGNAL (PLAQUE)

A	B	C	D	E	F	G	H	J	K
24	9	0.375	0.625	2.5	4 B	3.922	3.112	9.533	1.5

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



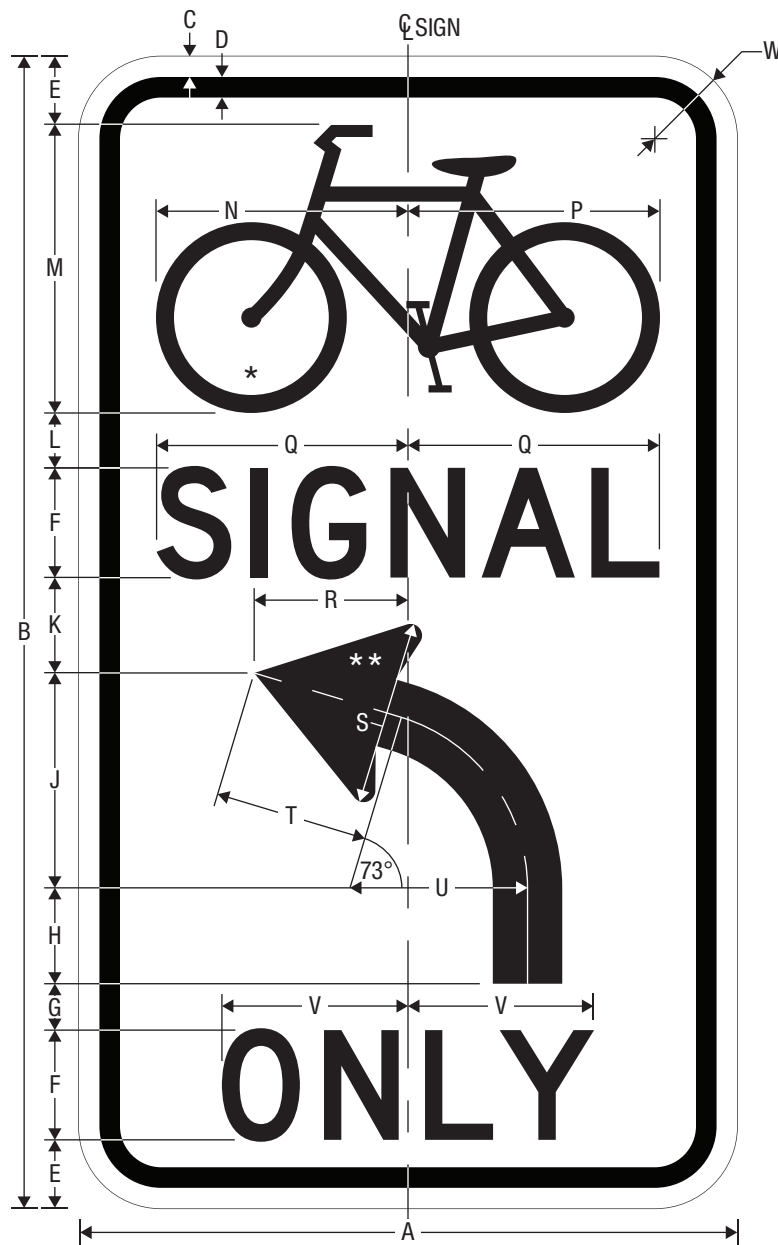
R10-32P

PUSH BUTTON FOR 2 SECONDS FOR EXTRA CROSSING TIME (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M
9	12	0.375	0.25	1.438	1 C	0.625	1.437	1.391	1.390	3.357	0.625

N	P	Q	R	S	T	U	V	W	X	Y
0.75	1.981	0.560	1.831	3.141	0.230	2.961	2.651	1.201	1.200	1.5

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



R10-40

BICYCLE SIGNAL MANDATORY MOVEMENT (TURN)

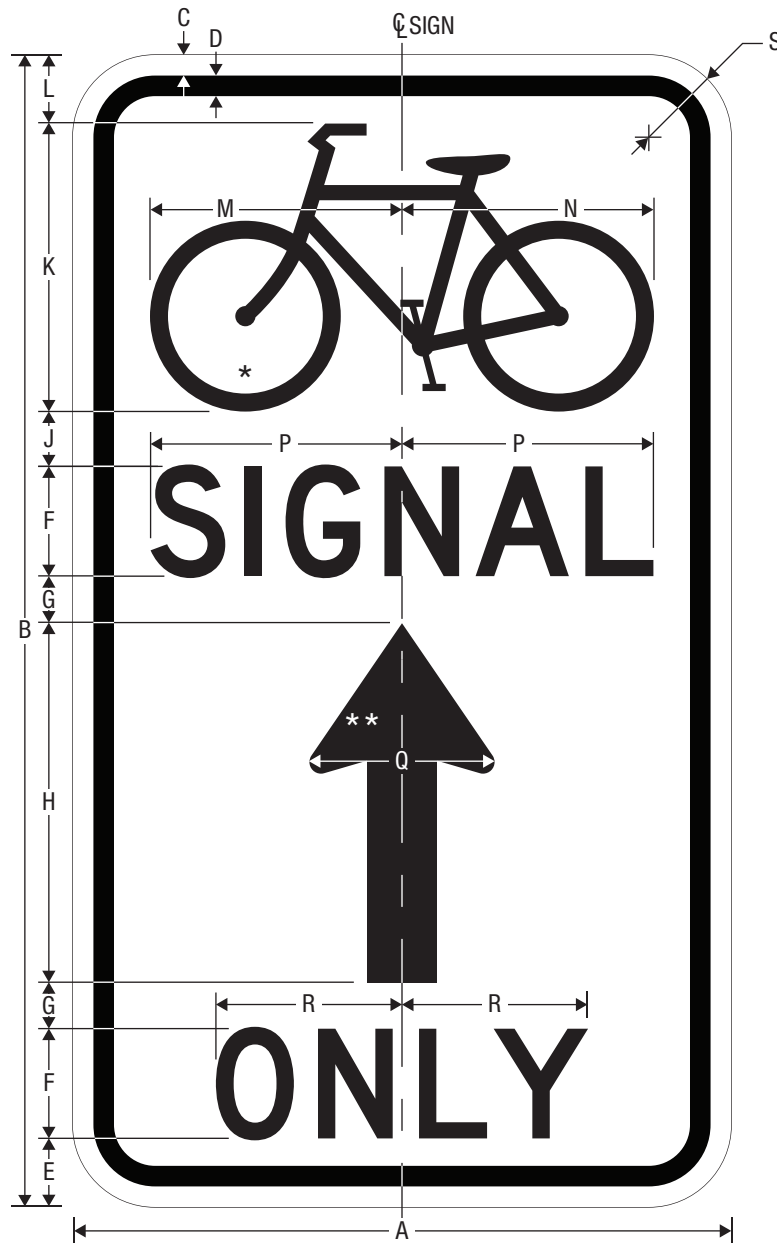
* See page 8-4 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
12	21	0.375	0.375	1.25	2 D	0.845	1.75	3.916	1.739	1
24	36	0.375	0.625	2.5	3.75 D	1.144	3.25	7.343	2.763	1.5

M	N	P	Q	R	S	T	U	V	W
5.25	4.594	4.593	4.583	2.720	3.375	2.803	3.241	3.392	1.5
7.5	6.563	6.562	8.593	6.361	6.25	5.257	6.096	6.360	1.5

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



R10-40a

BICYCLE SIGNAL MANDATORY MOVEMENT (THRU)

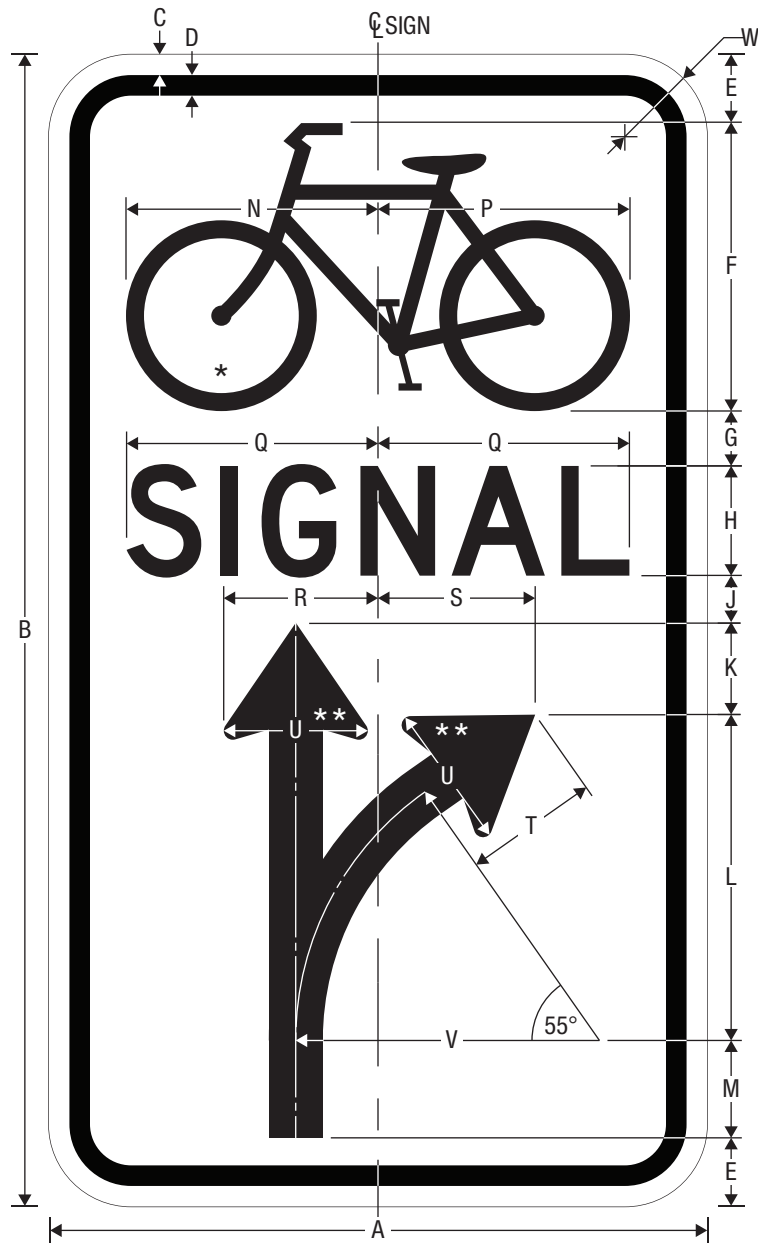
* See page 8-4 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
12	21	0.375	0.375	1.25	2 D	0.846	6.558	1
24	36	0.375	0.625	2.5	3.75 D	1.144	12.212	1.5

K	L	M	N	P	Q	R	S
5.25	1.25	4.594	4.593	4.583	3.375	3.392	1.5
7.5	2.5	6.563	6.562	8.593	6.25	6.360	1.5

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



R10-41

BICYCLE SIGNAL OPTIONAL MOVEMENT (THRU AND TURN)

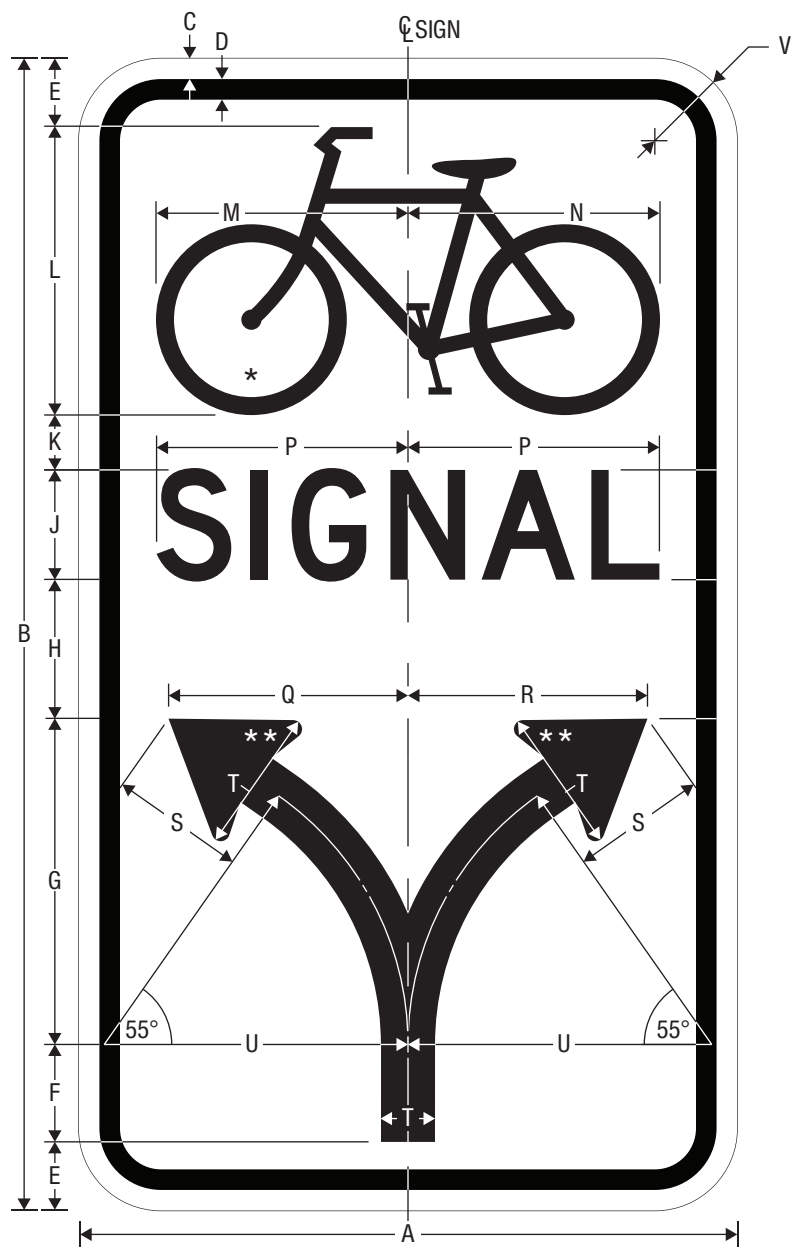
* See page 8-4 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
12	21	0.375	0.375	1.25	5.25	1	2 D	0.859	1.675	5.940
24	36	0.375	0.625	2.5	7.5	1.5	3.75 D	1.109	3.048	10.841

M	N	P	Q	R	S	T	U	V	W
1.777	4.594	4.593	4.583	2.811	2.866	2.449	2.625	5.541	1.5
3.243	6.563	6.562	8.593	5.125	5.218	4.470	4.75	10.114	1.5

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



R10-41a

BICYCLE SIGNAL OPTIONAL MOVEMENT (LEFT AND RIGHT TURNS)

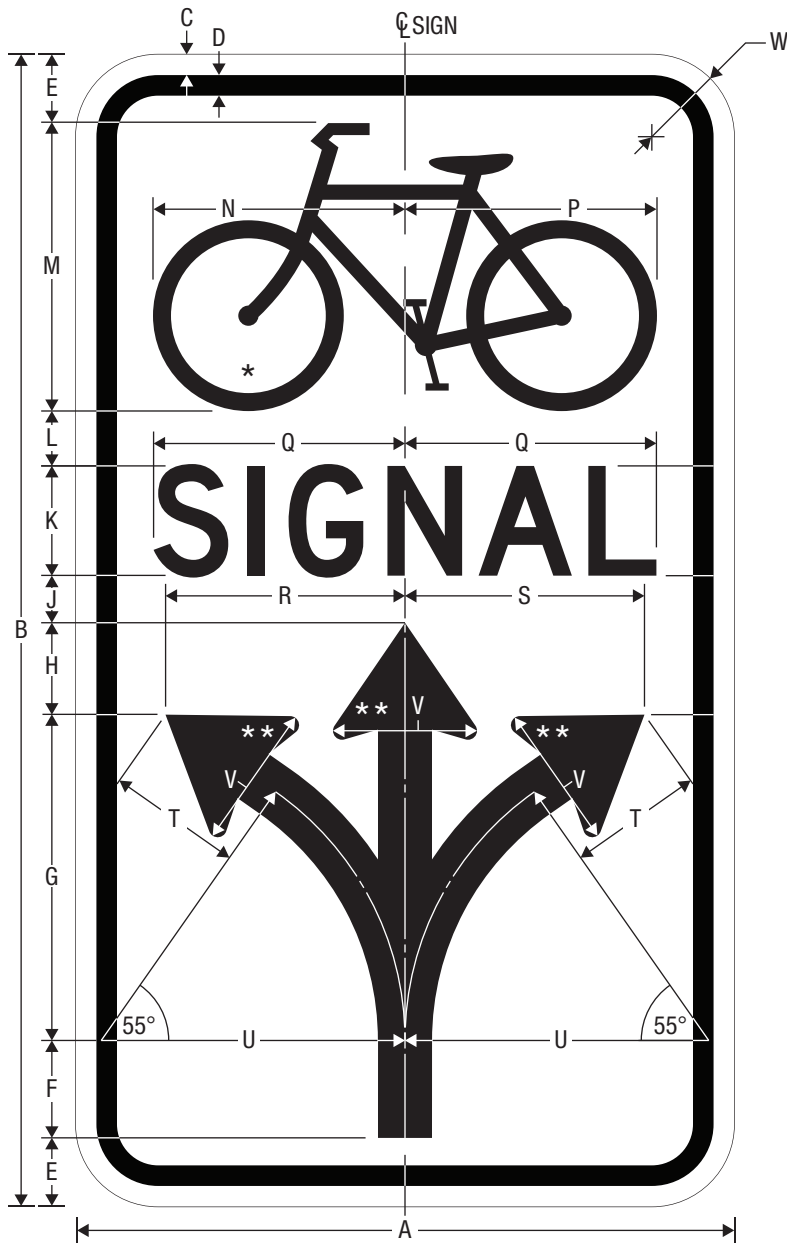
* See page 8-4 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
12	21	0.375	0.375	1.25	1.777	5.939	2.534	2 D	1
24	36	0.375	0.625	2.5	3.243	10.841	4.166	3.75 D	1.5

L	M	N	P	Q	R	S	T	U	V
5.25	4.594	4.593	4.583	4.366	4.365	2.450	2.625	5.541	1.5
7.5	6.563	6.562	8.593	7.969	7.968	4.473	4.75	10.114	1.5

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



R10-41b

BICYCLE SIGNAL OPTIONAL MOVEMENT (ALL)

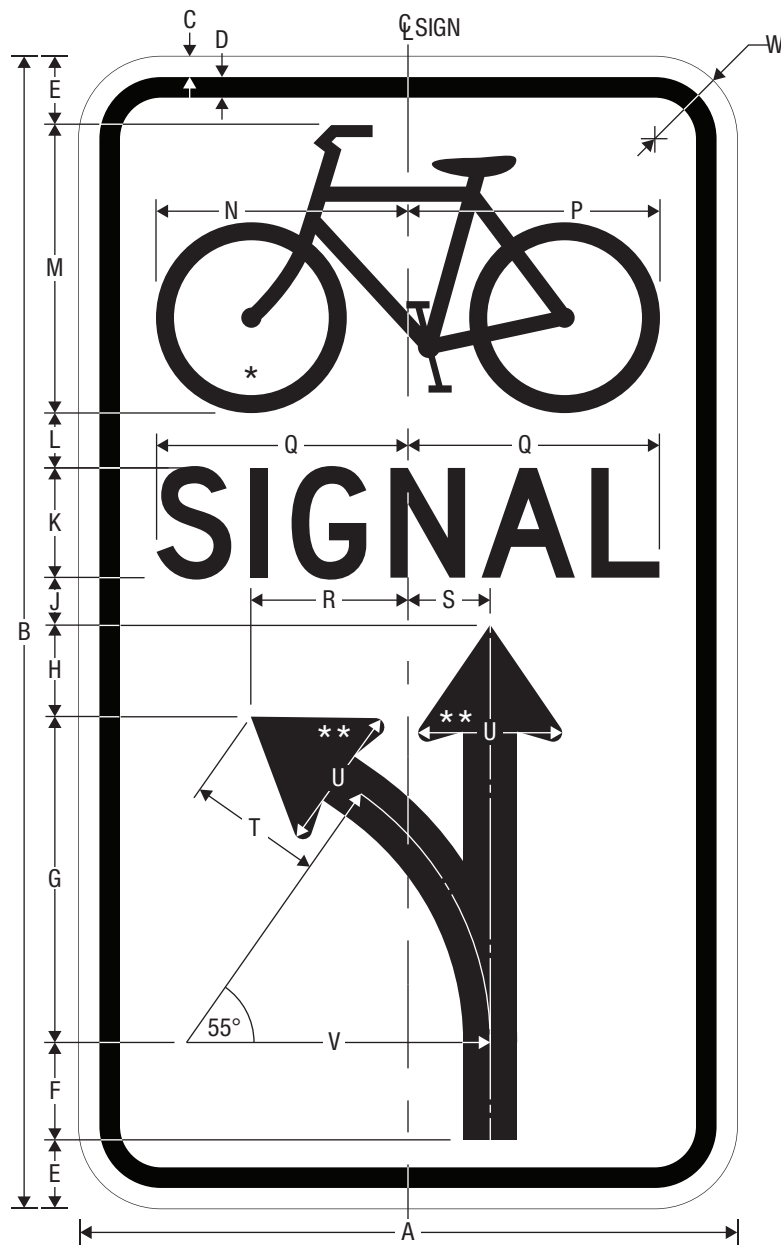
* See page 8-4 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
12	21	0.375	0.375	1.25	1.777	5.940	1.675	0.858	2 D	1
24	36	0.375	0.625	2.5	3.243	10.841	3.058	1.108	3.75 D	1.5

M	N	P	Q	R	S	T	U	V	W
5.25	4.594	4.593	4.583	4.366	4.365	2.450	5.541	2.625	1.5
7.5	6.563	6.562	8.593	7.969	7.968	4.473	10.114	4.75	1.5

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



R10-41c

BICYCLE SIGNAL OPTIONAL MOVEMENT (LEFT AND THRU)

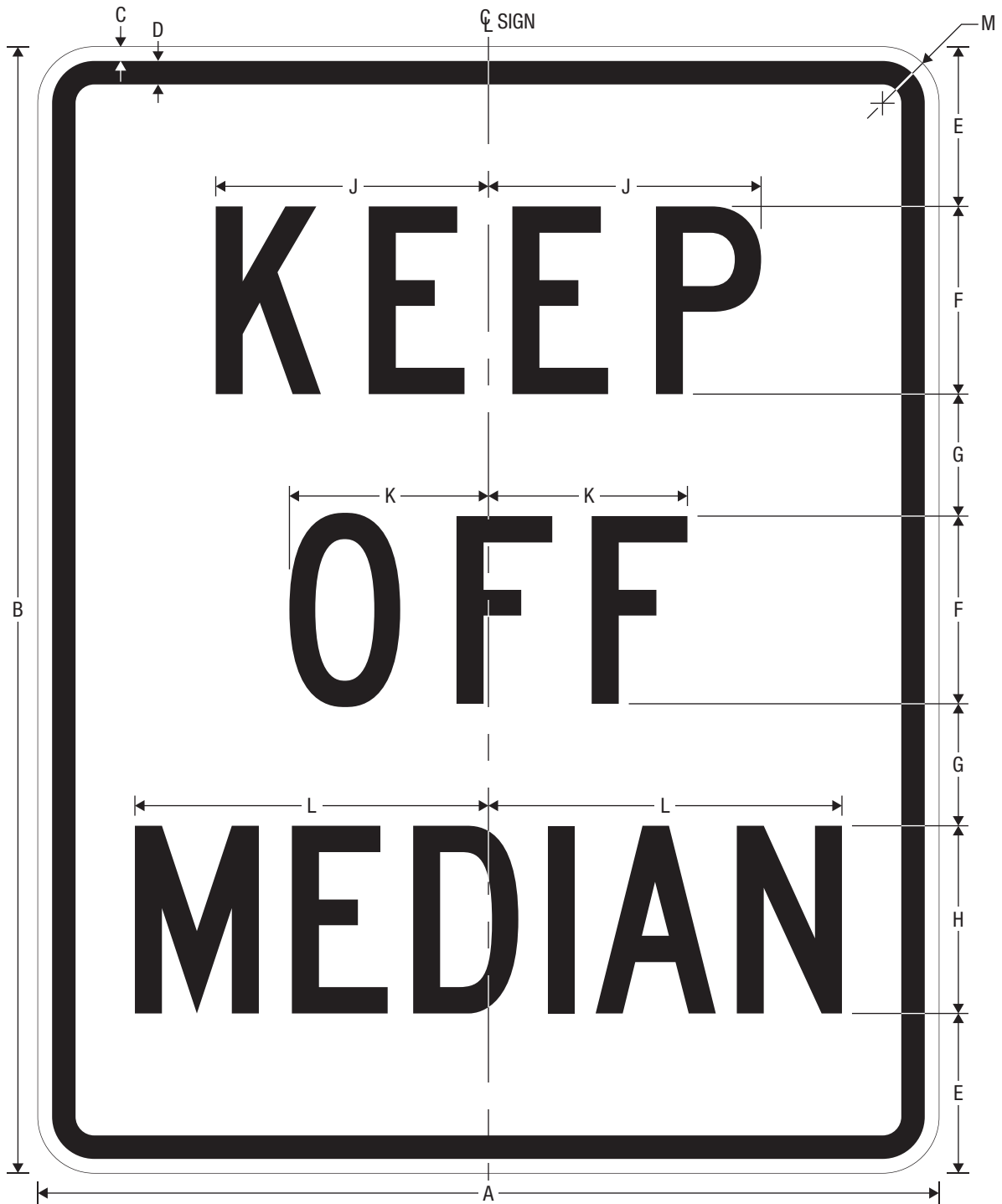
* See page 8-4 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L
12	21	0.375	0.375	1.25	1.777	5.940	1.675	0.858	2 D	1
24	36	0.375	0.625	2.5	3.243	10.841	3.058	1.108	3.75 D	1.5

M	N	P	Q	R	S	T	U	V	W
5.25	4.594	4.593	4.583	2.866	1.498	2.449	2.625	5.541	1.5
7.5	6.563	6.562	8.593	5.218	2.75	4.470	4.75	10.114	1.5

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



R11-1
KEEP OFF MEDIAN

* Increase Spacing 50%.
** Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M
24	30	0.375	0.625	4.25	5 C*	3.25	5 C**	7.265	5.302	9.419	1.5

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



R11-2
ROAD CLOSED

A	B	C	D	E	F	G	H	J	K
48	30	0.625	0.75	5	8 D	4	13.410	19.333	1.875

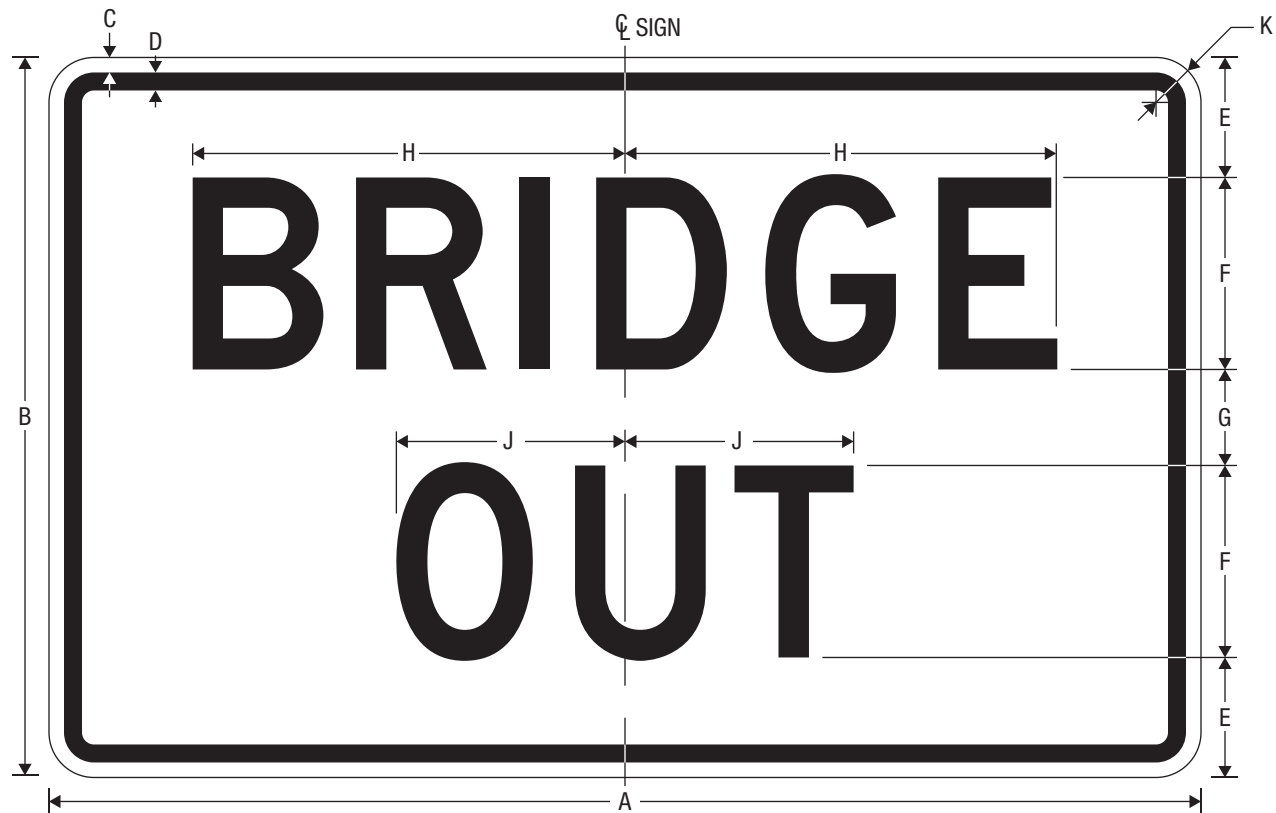
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R11-2a
STREET CLOSED

A	B	C	D	E	F	G	H	J	K
48	30	0.625	0.75	5	8 D	4	17.970	19.333	1.875

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



R11-2b
BRIDGE OUT

A	B	C	D	E	F	G	H	J	K
48	30	0.625	0.75	5	8 D	4	18.013	9.526	1.875

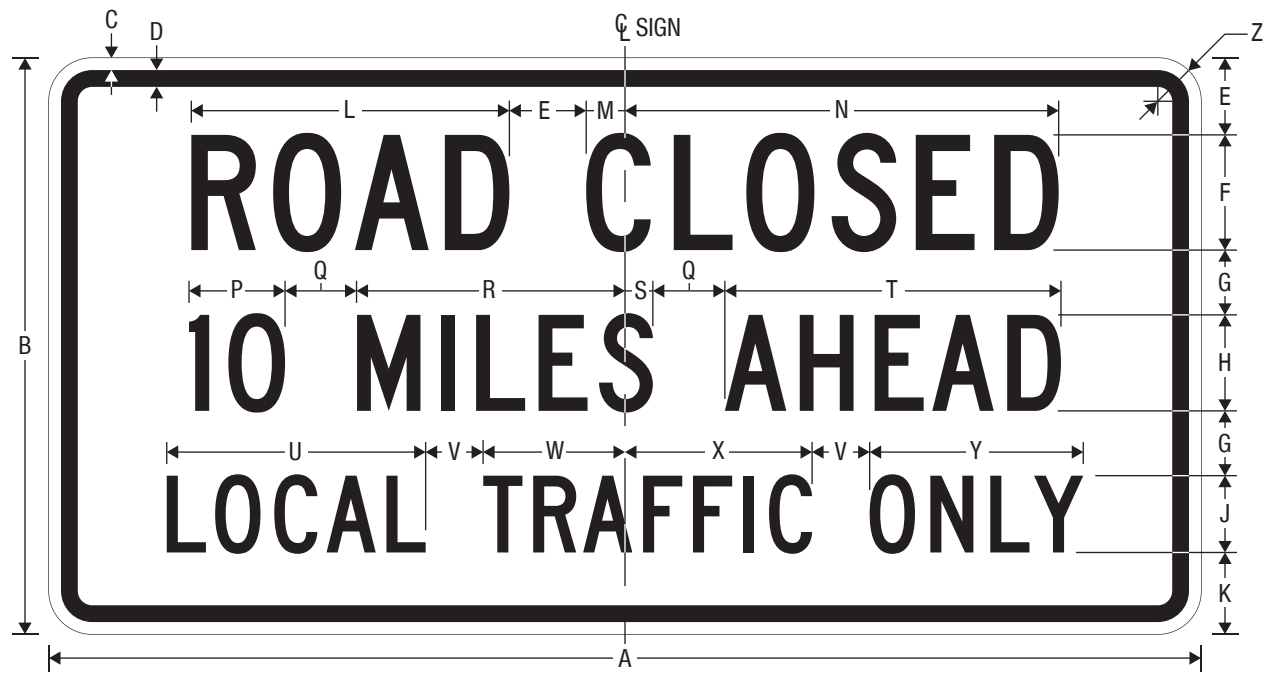
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R11-2c
PATH CLOSED

A	B	C	D	E	F	G	H	J	K
48	30	0.625	0.75	5	8 D	4	12.409	19.333	1.875

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



R11-3

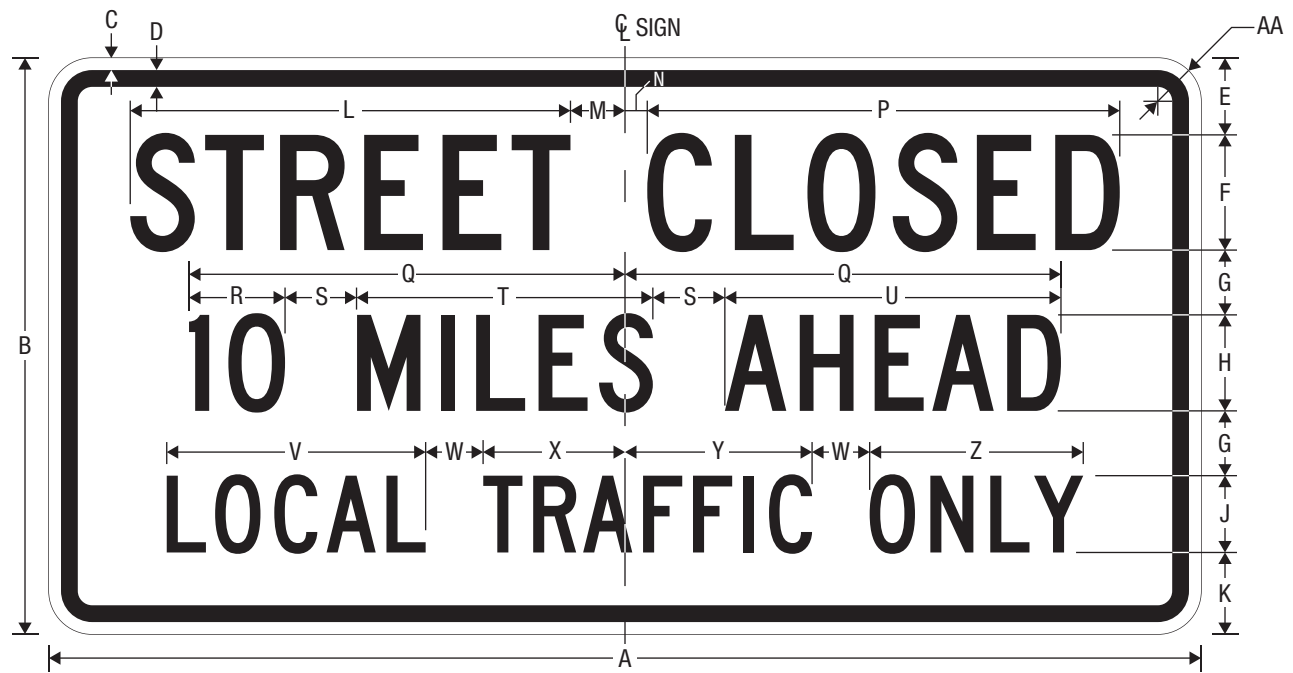
ROAD CLOSED - LOCAL TRAFFIC ONLY

* Optically center about vertical center line.

A	B	C	D	E	F	G	H	J	K	L	M
60	30	0.625	0.875	4	6 C	3.375	5 C*	4 C	4.25	16.566	2.022

N	P	Q	R	S	T	U	V	W	X	Y	Z
22.587	VAR	3.75	13.955	1.451	17.506	13.485	3	7.383	9.743	11.124	2.25

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



R11-3a

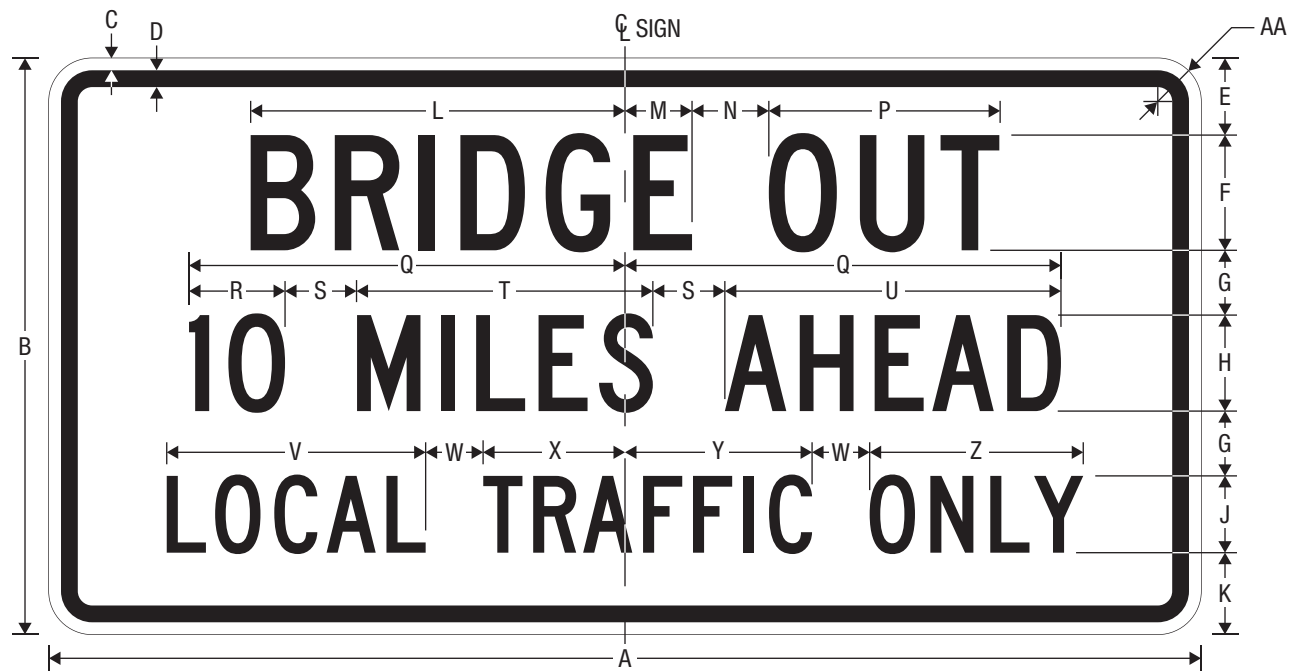
STREET CLOSED - LOCAL TRAFFIC ONLY

* Optically center about vertical center line.

A	B	C	D	E	F	G	H	J	K	L	M	N
60	30	0.625	0.875	4	6 C	3.375	5 C	4 C	4.25	22.929	2.840	1.160

P	Q	R	S	T	U	V	W	X	Y	Z	AA
24.609	VAR*	VAR	3.75	VAR	17.506	13.485	3	7.383	9.743	11.124	2.25

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



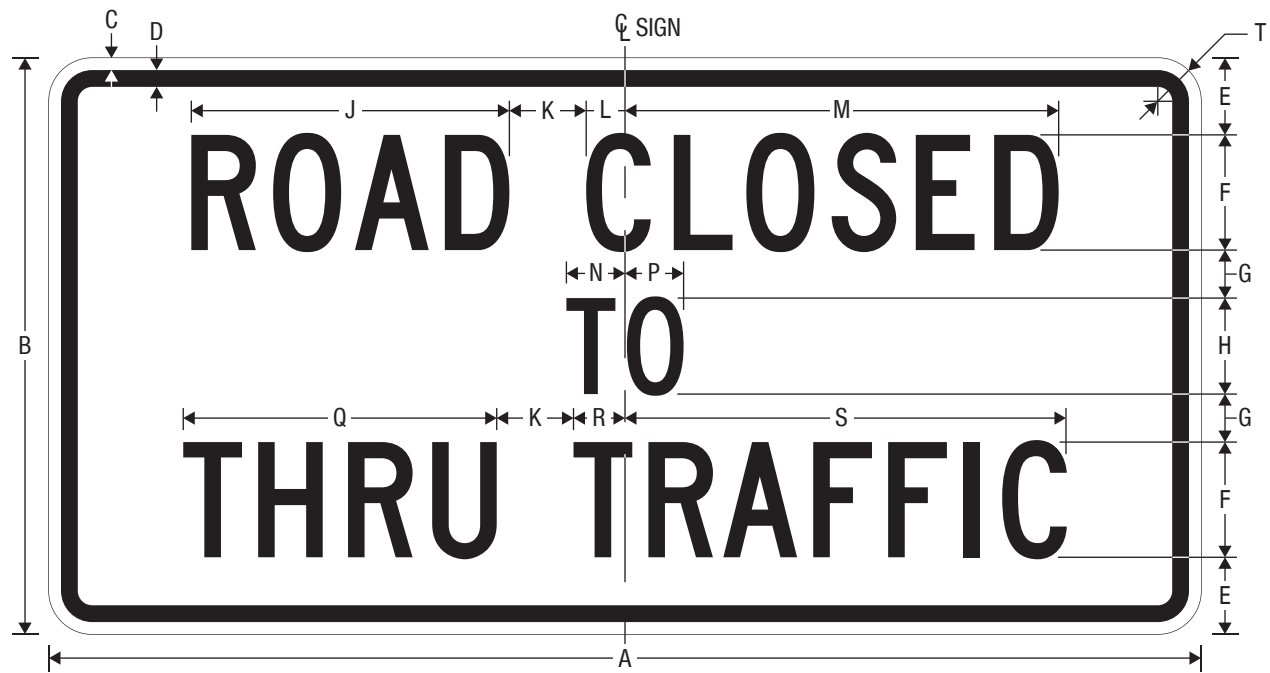
R11-3b

BRIDGE OUT - LOCAL TRAFFIC ONLY

A	B	C	D	E	F	G	H	J	K	L	M	N
60	30	0.625	0.875	4	6 C	3.375	5 C	4 C	4.25	19.497	3.491	4

P	Q	R	S	T	U	V	W	X	Y	Z	AA
12.005	VAR	VAR	3.75	VAR	17.506	13.485	3	7.383	9.743	11.124	2.25

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



R11-4

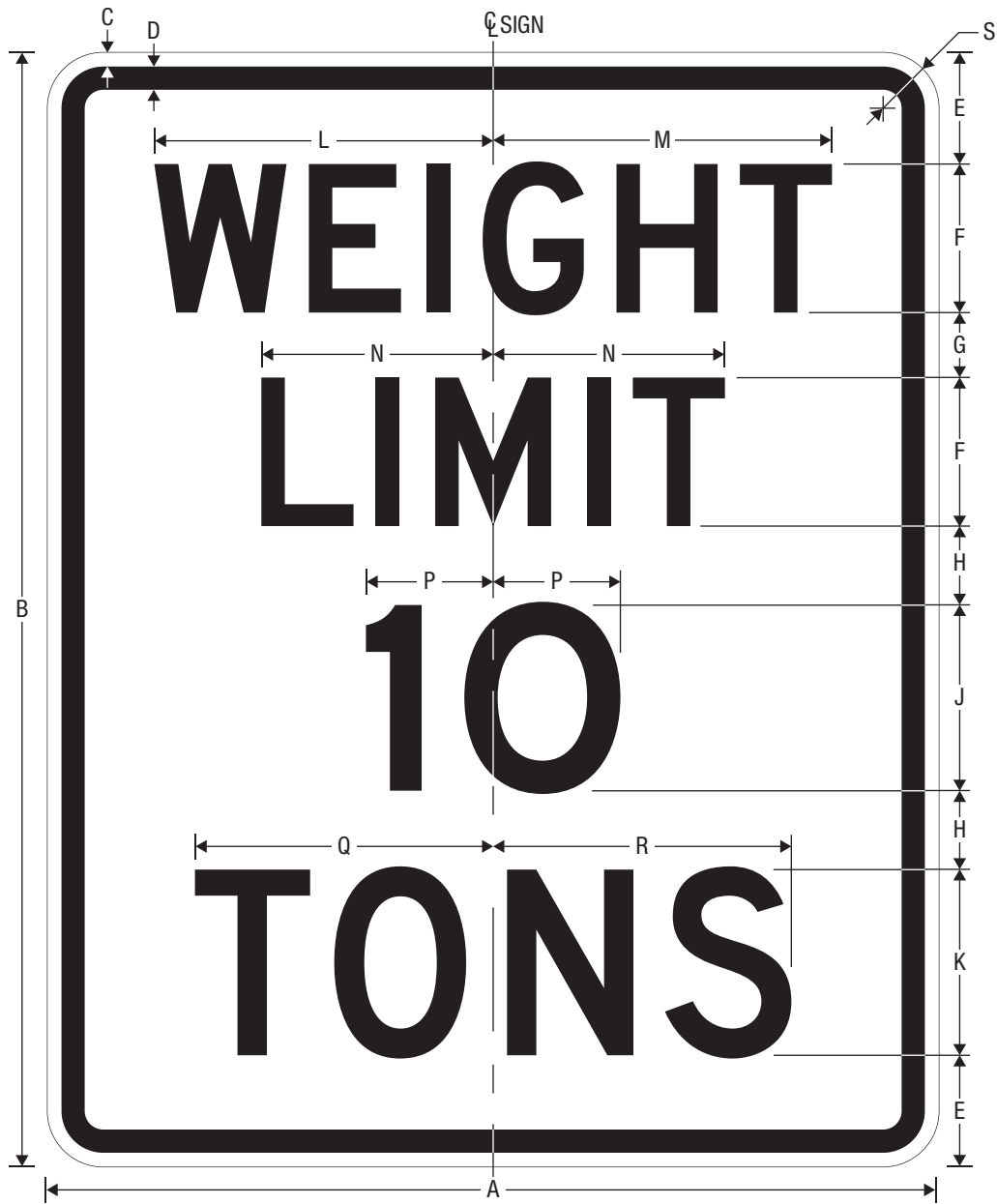
ROAD CLOSED TO THROUGH TRAFFIC

A	B	C	D	E	F	G	H	J
60	30	0.625	0.875	4	6 C	2.5	5 C	16.566

K	L	M	N	P	Q	R	S	T
4	2.022	22.587	3.052	3.051	16.326	2.682	23.007	2.25

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

2-374

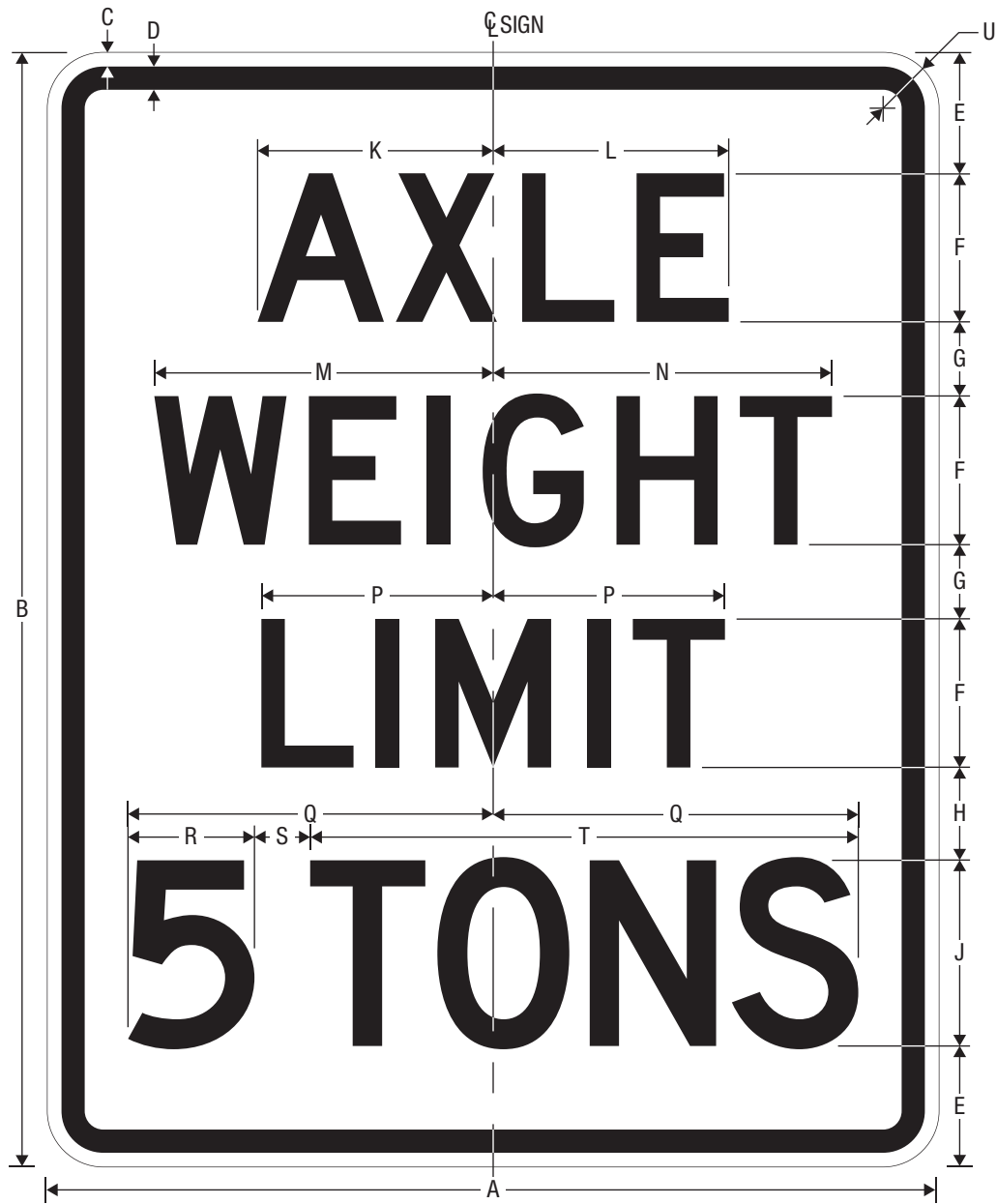


R12-1
WEIGHT LIMIT

A	B	C	D	E	F	G	H	J
24	30	0.375	0.625	3	4 D	1.75	2.125	5 E
36	48	0.625	0.875	4.75	6 D	3	3.75	8 E

K	L	M	N	P	Q	R	S
5 D	9.125	9.125	6.242	VAR	8.031	8.030	1.5
8 D	13.688	13.687	9.363	VAR	12.849	12.849	2.25

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



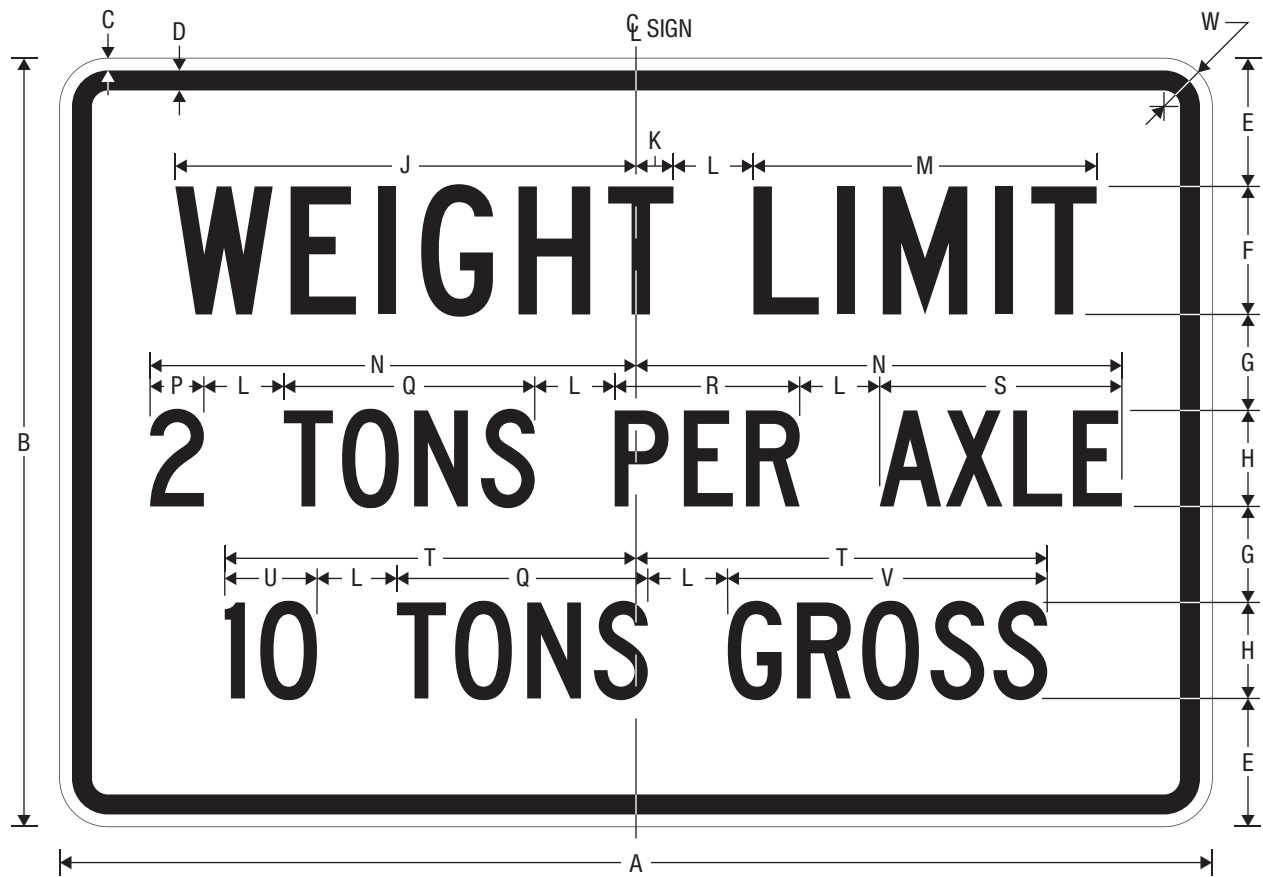
R12-2
WEIGHT LIMIT

* Reduce Spacing 50%.

A	B	C	D	E	F	G	H	J	K
24	30	0.375	0.625	3.25	4 D	2	2.5	5 D*	6.344
36	48	0.625	0.875	5.25	6 D	3.5	4.5	8 D*	9.516

L	M	N	P	Q	R	S	T	U
6.343	9.125	9.125	6.242	VAR	VAR	1.5	14.761	1.5
9.515	13.688	13.687	9.363	VAR	VAR	2.25	23.618	2.25

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



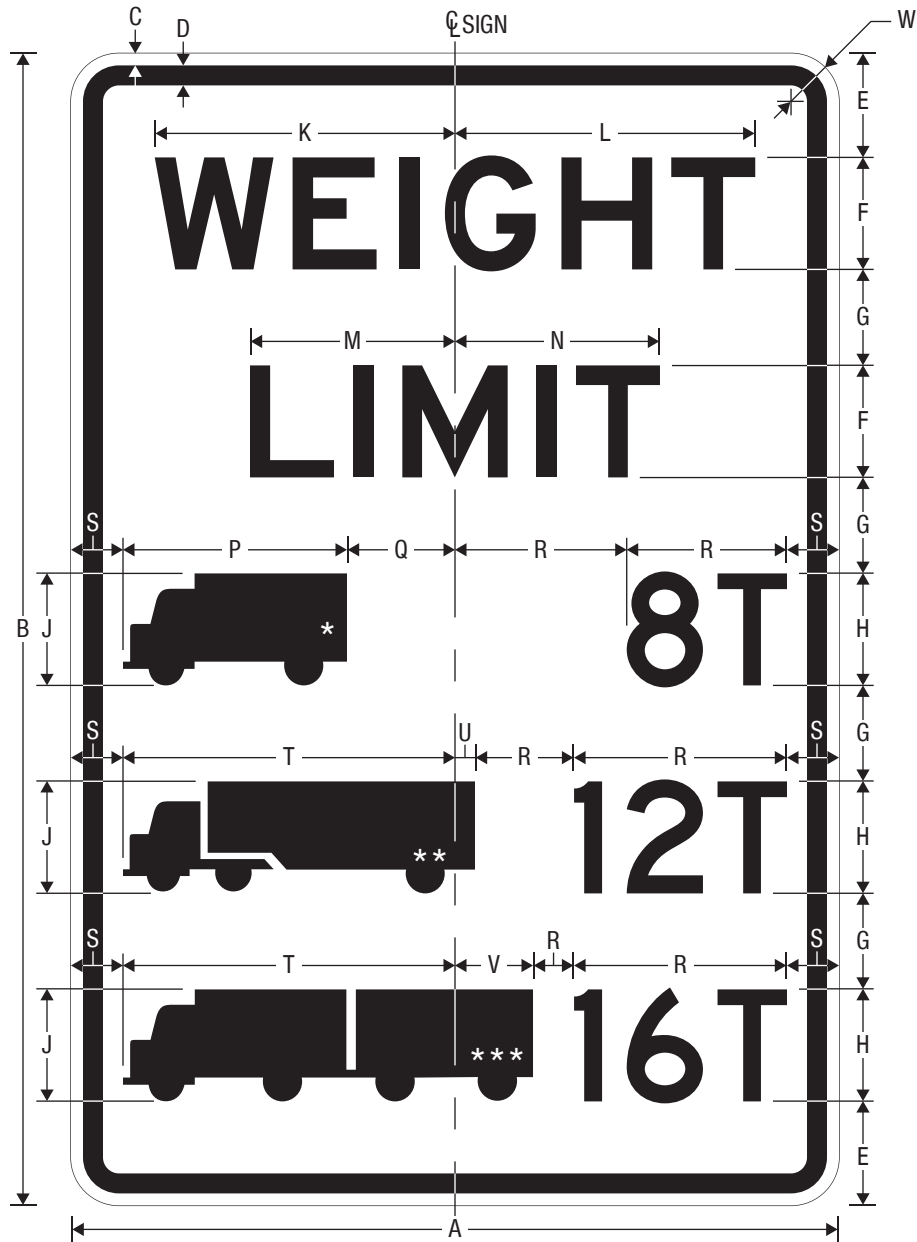
R12-4
WEIGHT LIMIT

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L
36	24	0.375	0.625	4	4 C	3	3 C*	14.395	1.171	2.5

M	N	P	Q	R	S	T	U	V	W
10.724	VAR	VAR	7.470	5.780	7.569	VAR	VAR	9.982	1.5

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



R12-5
WEIGHT LIMIT

* See page 8-1 for symbol design.

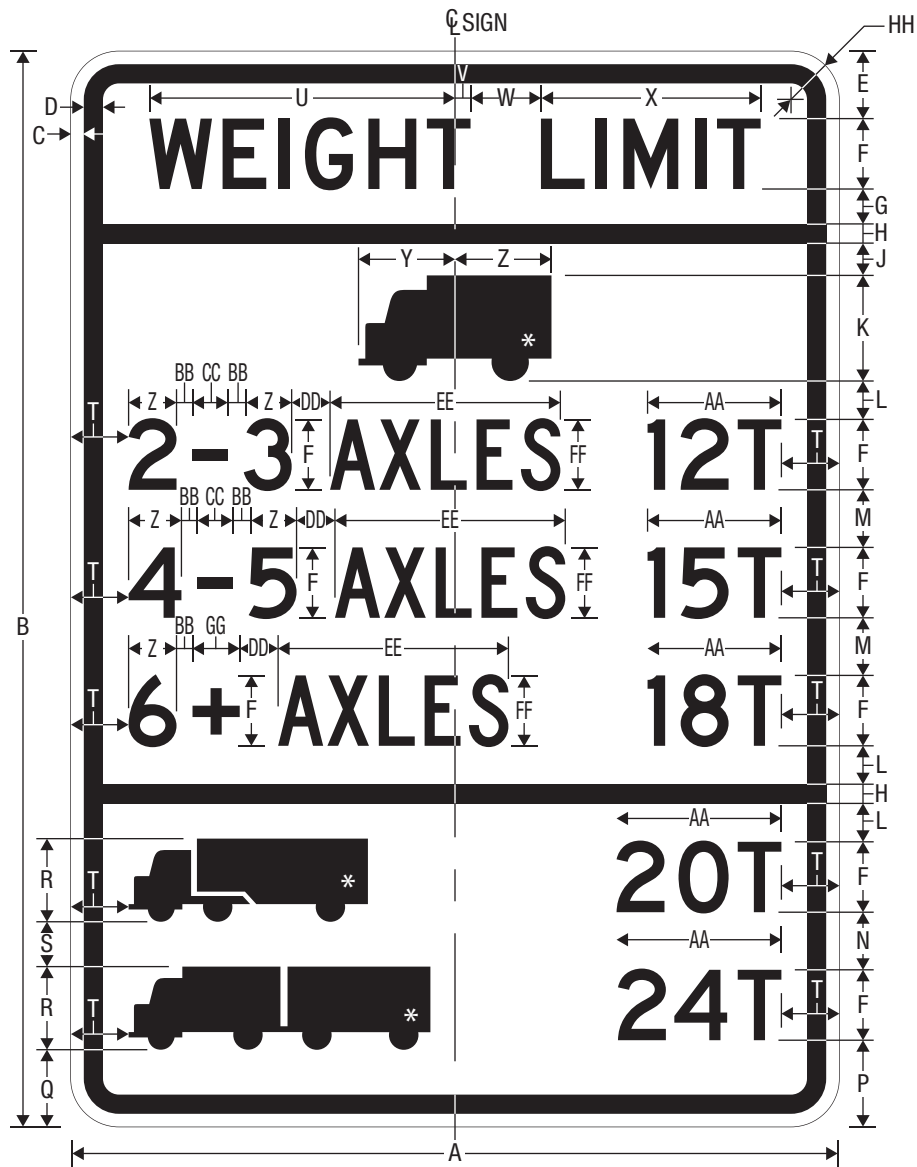
** See page 8-2 for symbol design.

*** See page 8-3 for symbol design.

A	B	C	D	E	F	G	H	J	K	L
24	36	0.375	0.625	3.25	3.5 E	3	3.5 D	3.5	9.383	9.383
36	48	0.625	0.875	5	5 E	3.25	5 D	5	13.405	13.404
48	60	0.75	1.25	6	6 E	4.5	6 D	6	16.086	16.085

M	N	P	Q	R	S	T	U	V	W
6.406	6.406	7	3.375	VAR	1.625	10.375	0.625	2.438	1.5
9.152	9.151	10	5	VAR	3	15	1	4	2.25
10.982	10.981	12	7	VAR	5	19	0	3	3

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



R12-6

WEIGHT LIMIT - SPECIALIZED HAULING VEHICLES

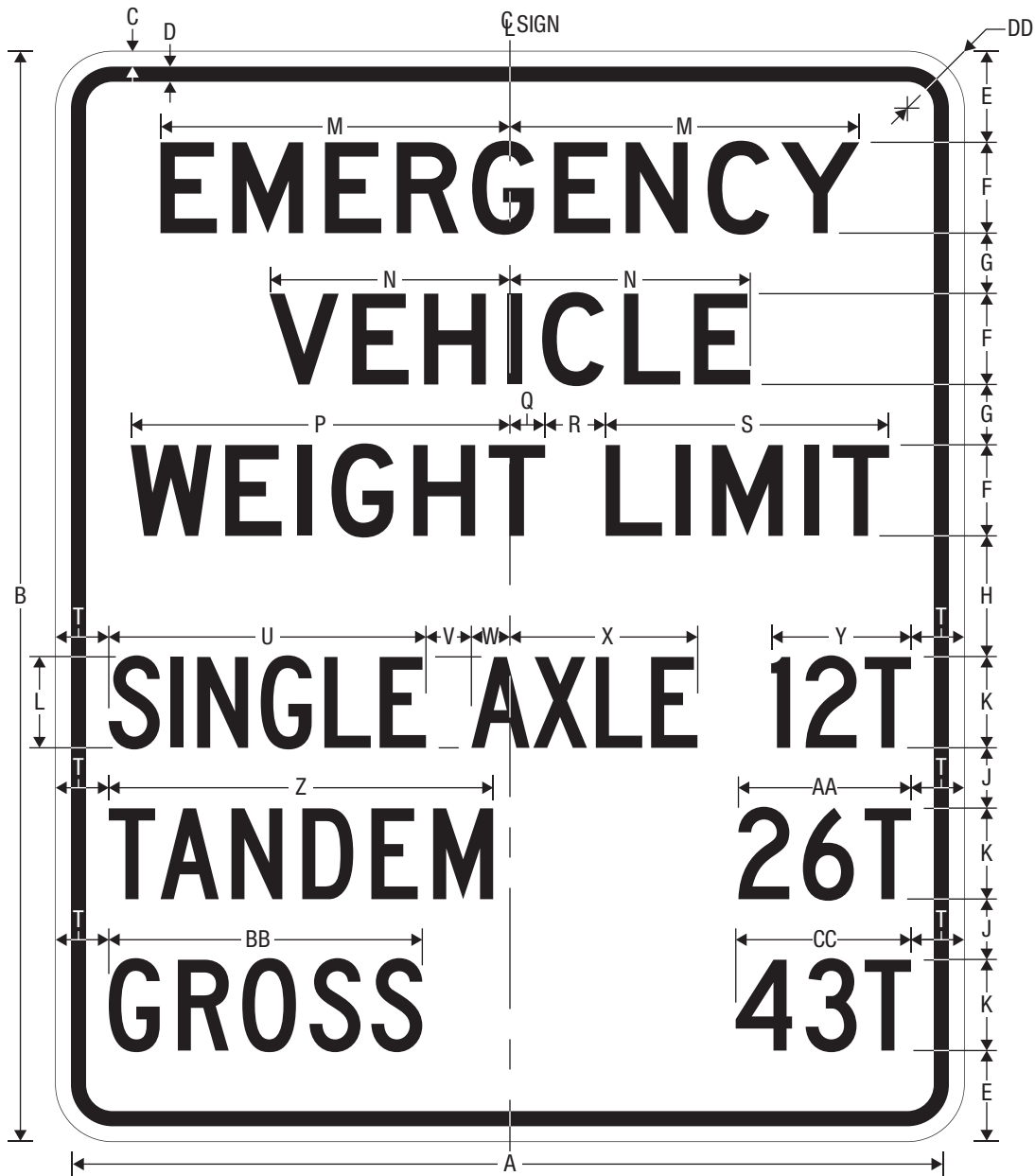
* See pages 8-1 - 8-3 for symbol designs.

** Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
30	42	0.5	0.75	2.625	2.75 D	1.375	0.75	1.25	4.125	1.5	2.25	2.25	3.375	3	3.25
36	48	0.625	0.875	3	3.5 D	1.5	0.875	1.125	5	1.75	2	2.375	3	2.75	4
48	60	0.75	1.25	3.75	4.5 D	1.75	1	1.25	6.25	2	2.625	3	3.75	3.25	5.5

S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF	GG	HH
1.75	2.25	11.940	0.607	2.75	8.583	3.769	VAR	VAR	0.625	1.375	1.5	8.996	2.75 C	1.844	1.875
1.875	2.625	14.946	1.024	3	10.924	4.569	VAR	VAR	0.875	1.75	1.75	11.127	3.5 C**	2.347	2.25
2	3.5	19.538	0.993	4.5	14.045	5.711	VAR	VAR	1.125	2.25	2.25	14.721	4.5 C	3.017	3

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



R12-7

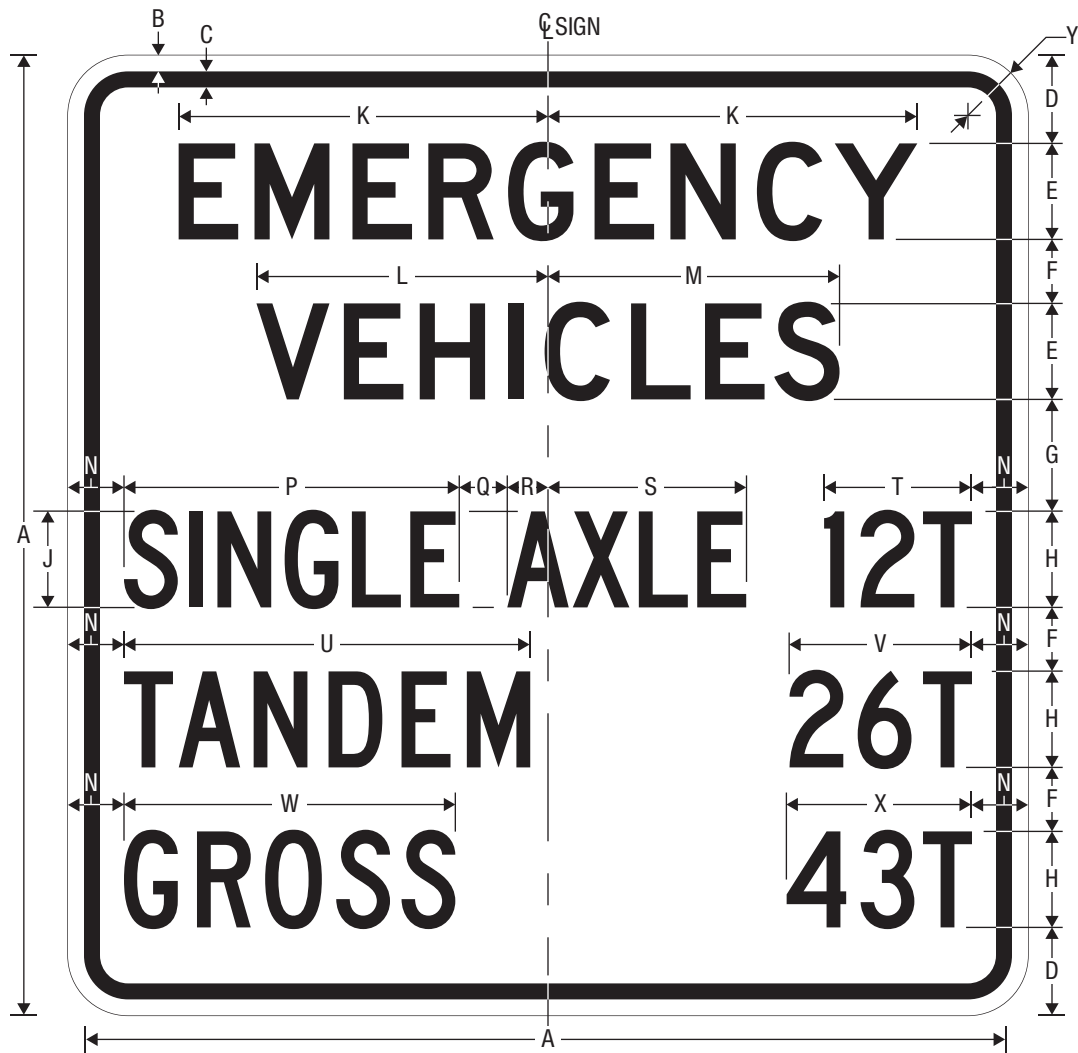
WEIGHT LIMIT - EMERGENCY VEHICLES

* Reduce Spacing 30%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
30	36	0.5	0.5	3	3 D	2	4	2	3 C	3 C*	11.542	7.939	12.526
48	60	0.75	0.75	5.5	5 D	3.75	6.25	3.375	4.5 C	4.5 C*	19.237	13.232	20.832

Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD
1.162	2	9.363	1.75	10.477	1.5	1.523	5.944	VAR	12.695	VAR	10.354	VAR	1.875
1.981	3.25	15.605	3.166	15.715	2.5	2.618	8.583	VAR	19.043	VAR	15.531	VAR	3

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



R12-7aP

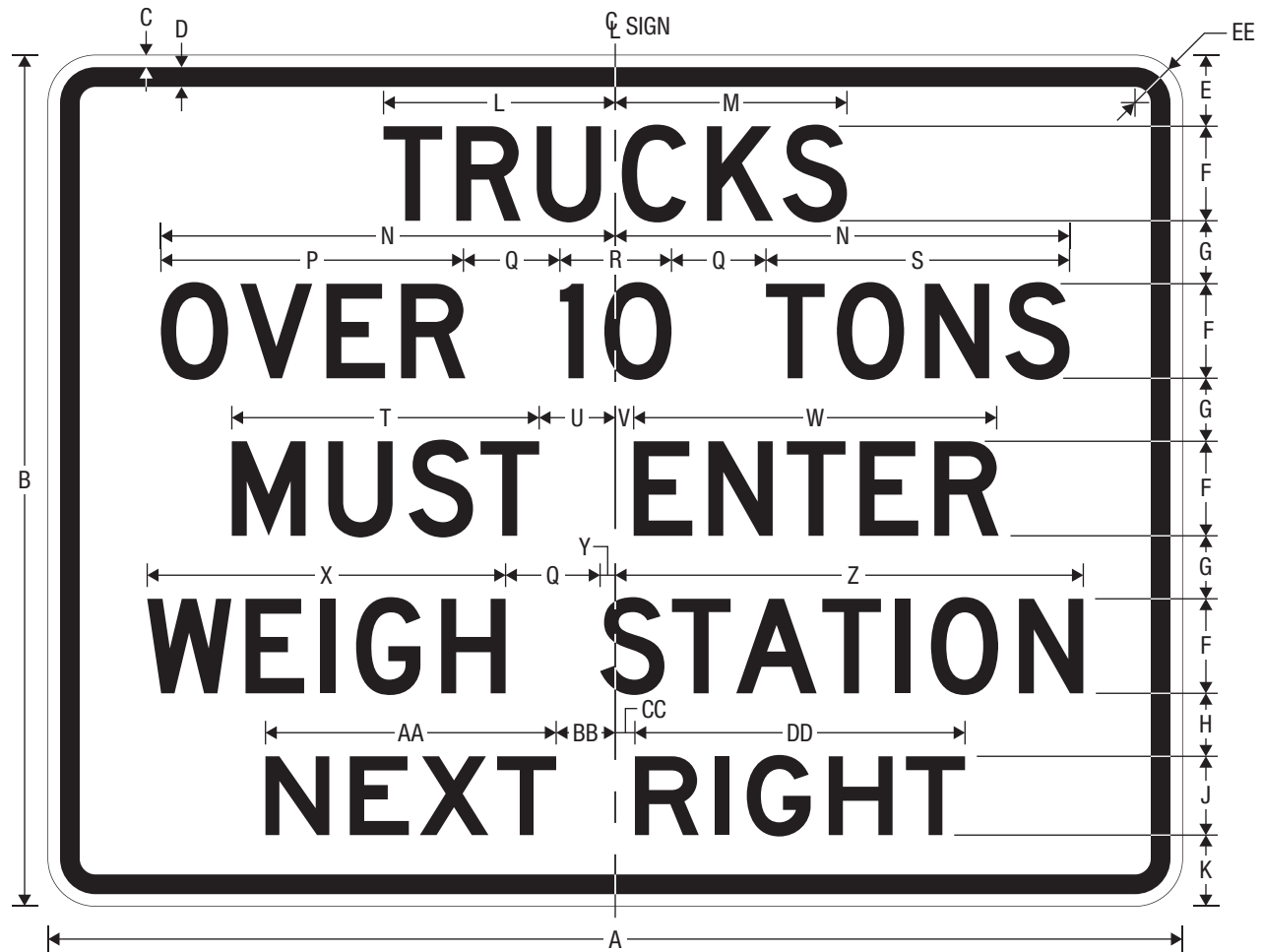
WEIGHT LIMIT - EMERGENCY VEHICLES (PLAQUE)

* Reduce Spacing 30%.

A	B	C	D	E	F	G	H	J	K	L	M
30	0.5	0.5	2.75	3 D	2	3.5	3 C	3 C*	11.542	9.111	9.110
48	0.75	0.75	4.25	5 D	3.5	5.5	4.5 C	4.5 C*	19.237	15.184	15.184

N	P	Q	R	S	T	U	V	W	X	Y
1.75	10.477	1.5	1.273	6.194	VAR	12.695	VAR	10.354	VAR	1.875
3.25	15.715	2.5	2.535	8.666	VAR	19.043	VAR	15.531	VAR	3

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

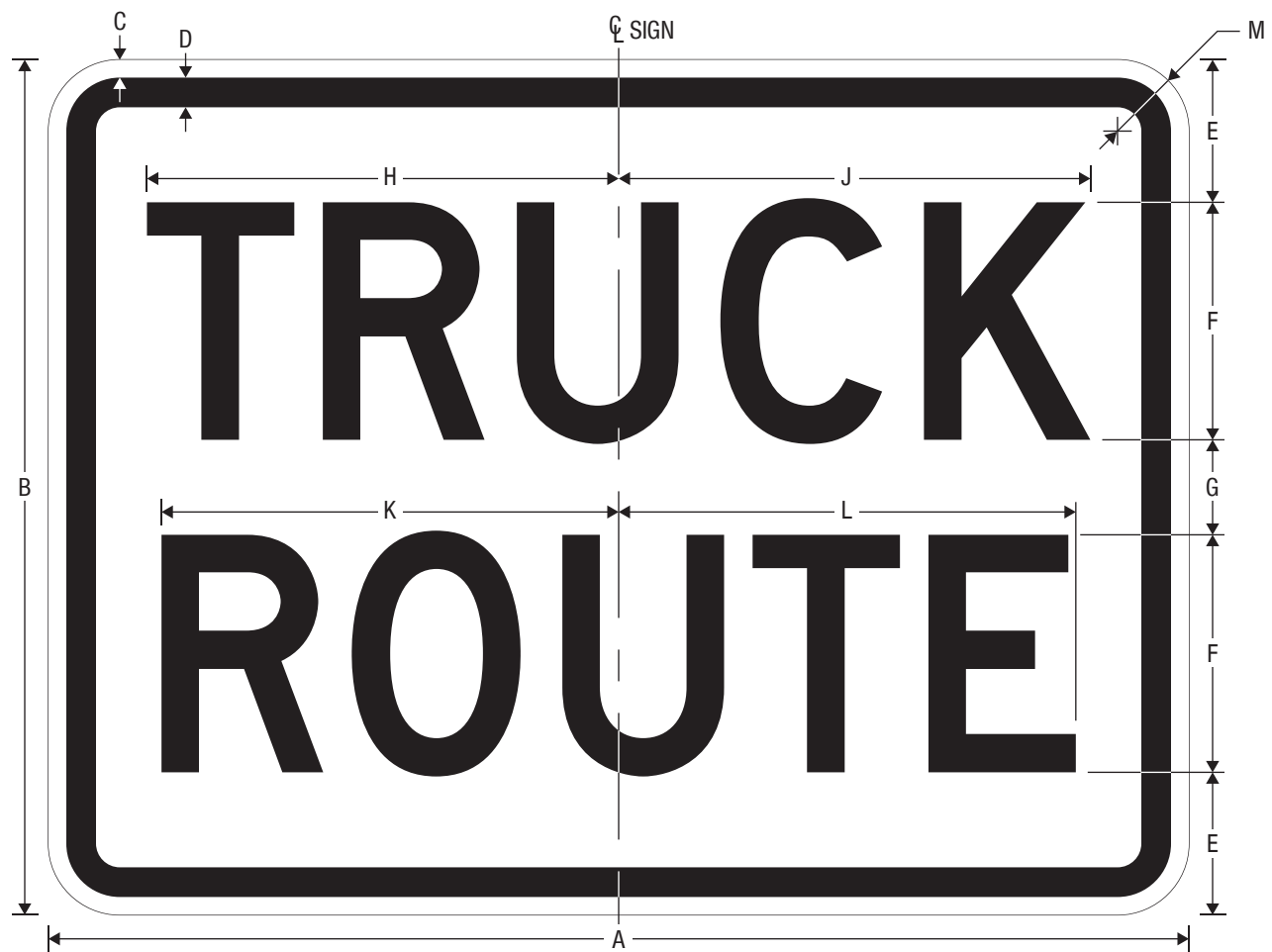


R13-1
WEIGH STATION

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
72	54	0.75	1.25	4.5	6 D	4	4	5 E	4.5	14.712	14.711	VAR	19.332	6
96	72	0.625	0.875	6	8 D	6	4.5	6 E	5.5	19.615	19.615	VAR	25.776	8
132	90	0.75	1.25	7	10 E	7	7	8 E	7	28.763	28.762	VAR	38.315	10

R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE
VAR	19.274	19.514	4.830	1.170	23.174	22.754	0.962	29.716	18.455	3.751	1.249	20.958	3
VAR	25.698	26.018	6.440	1.560	30.898	30.338	1.283	39.621	22.146	4.502	1.498	25.149	6
VAR	37.815	38.815	8.648	1.352	46.110	44.418	3.102	57.521	29.528	6.002	1.998	33.532	6

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



R14-1
TRUCK ROUTE

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M
24	18	0.375	0.625	3	5 D*	2	9.928	9.927	9.622	9.621	1.5

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



R14-2
HAZARDOUS MATERIAL ROUTE

* Reduce Spacing 40%.

A	B	C	D	E	F	G	H	J	K	L
24	0.375	0.625	7.5	9 C*	8	10	2	6.088	6.087	1.5
30	0.5	0.75	10	10 C	10	12.5	2.5	7.204	7.204	1.875
36	0.625	0.875	12	12 C	12	15	3	8.645	8.644	2.25
42	0.625	0.875	14	14 C	14	17.5	3.5	10.086	10.085	2.25

COLORS: CIRCLE — GREEN (RETROREFLECTIVE)
LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



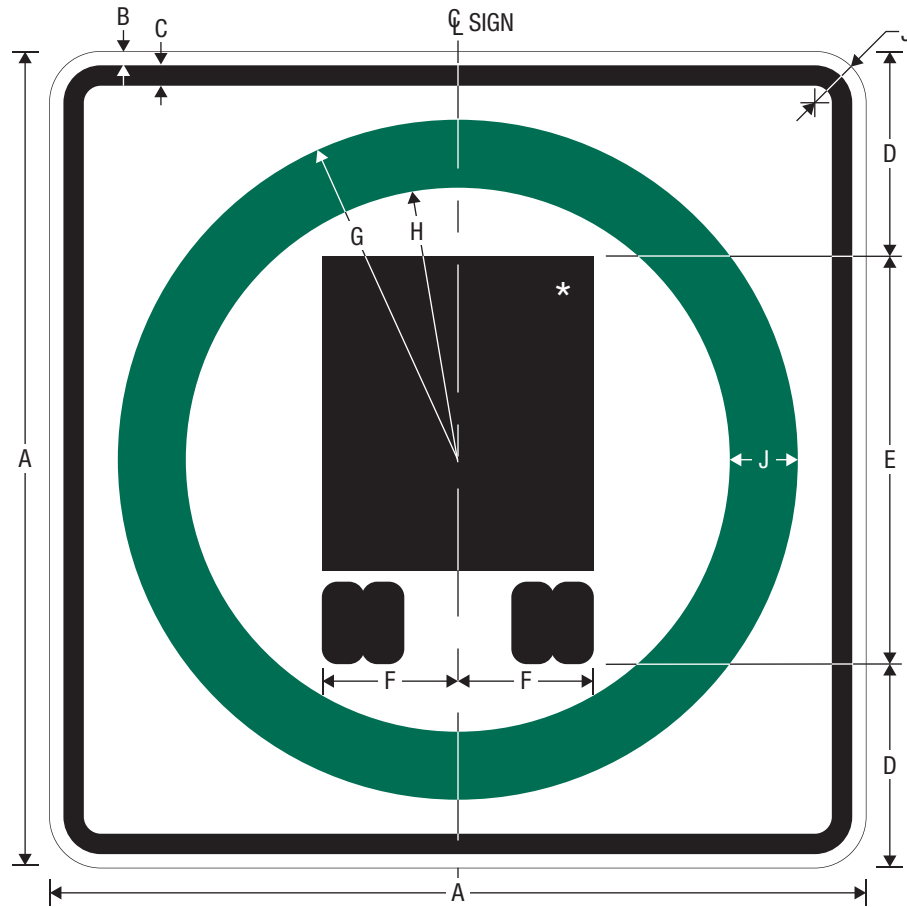
R14-3

MATERIAL PROHIBITION

- * Reduce Spacing 40%.

A	B	C	D	E	F	G	H	J	K	L
24	0.375	0.625	7.5	9 C*	8	10	2	6.088	6.087	1.5
30	0.5	0.75	10	10 C	10	12.5	2.5	7.204	7.204	1.875
36	0.625	0.875	12	12 C	12	15	3	8.645	8.644	2.25
42	0.625	0.875	14	14 C	14	17.5	3.5	10.086	10.085	2.25

COLORS: CIRCLE, DIAGONAL— RED (RETROREFLECTIVE)
LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)

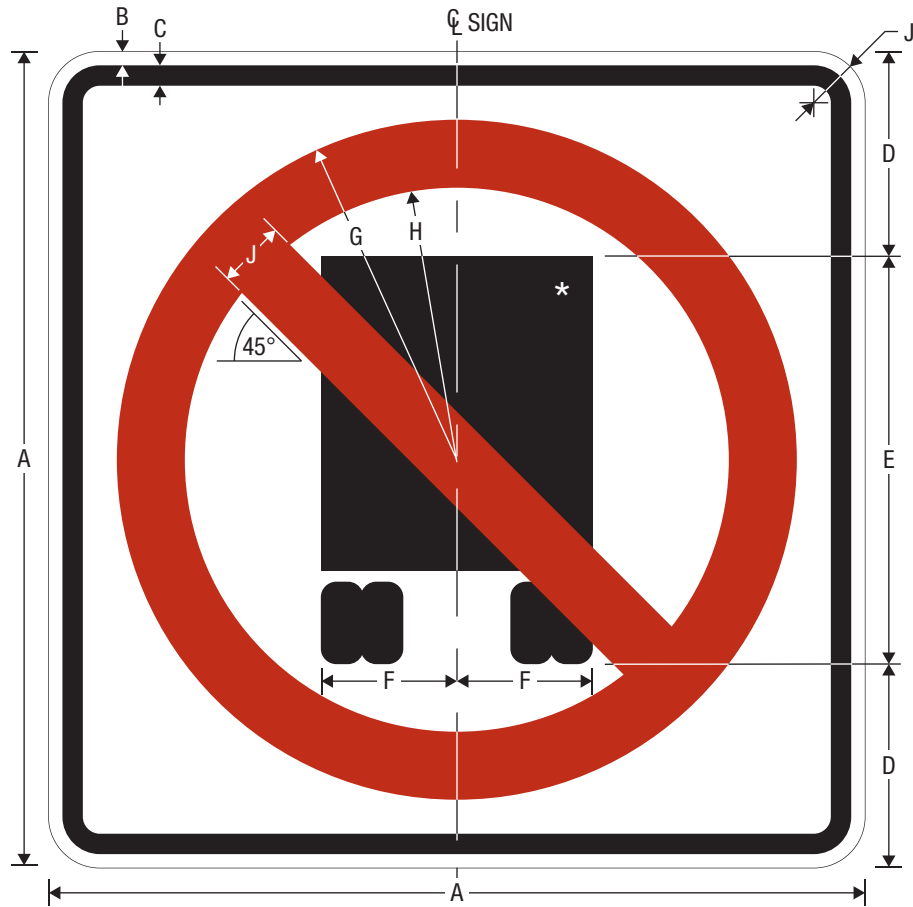


R14-4
NATIONAL NETWORK ROUTE

* See page 8-74 for symbol design.

A	B	C	D	E	F	G	H	J
30	0.5	0.75	7.5	15	5	12.5	10	1.875
36	0.625	0.875	9	18	6	15	12	2.25
42	0.625	0.875	10.5	21	7	17.5	14	2.25

COLORS: CIRCLE — GREEN (RETROREFLECTIVE)
 LEGEND, BORDER — BLACK
 BACKGROUND — WHITE (RETROREFLECTIVE)



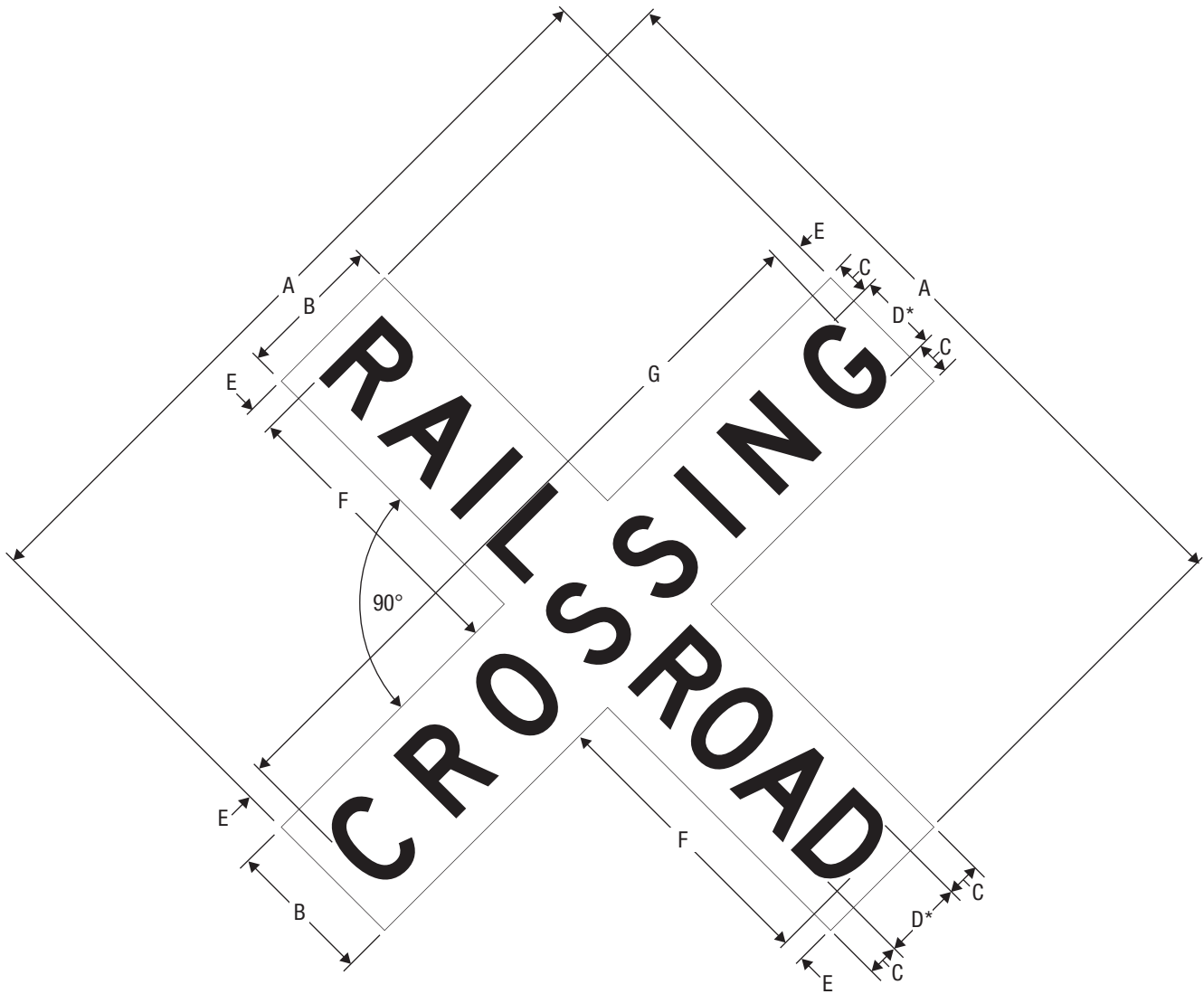
R14-5

NATIONAL NETWORK PROHIBITION

* See page 8-74 for symbol design.

A	B	C	D	E	F	G	H	J
30	0.5	0.75	7.5	15	5	12.5	10	1.875
36	0.625	0.875	9	18	6	15	12	2.25
42	0.625	0.875	10.5	21	7	17.5	14	2.25

COLORS: CIRCLE, DIAGONAL— RED (RETROREFLECTIVE)
 LEGEND, BORDER — BLACK
 BACKGROUND — WHITE (RETROREFLECTIVE)

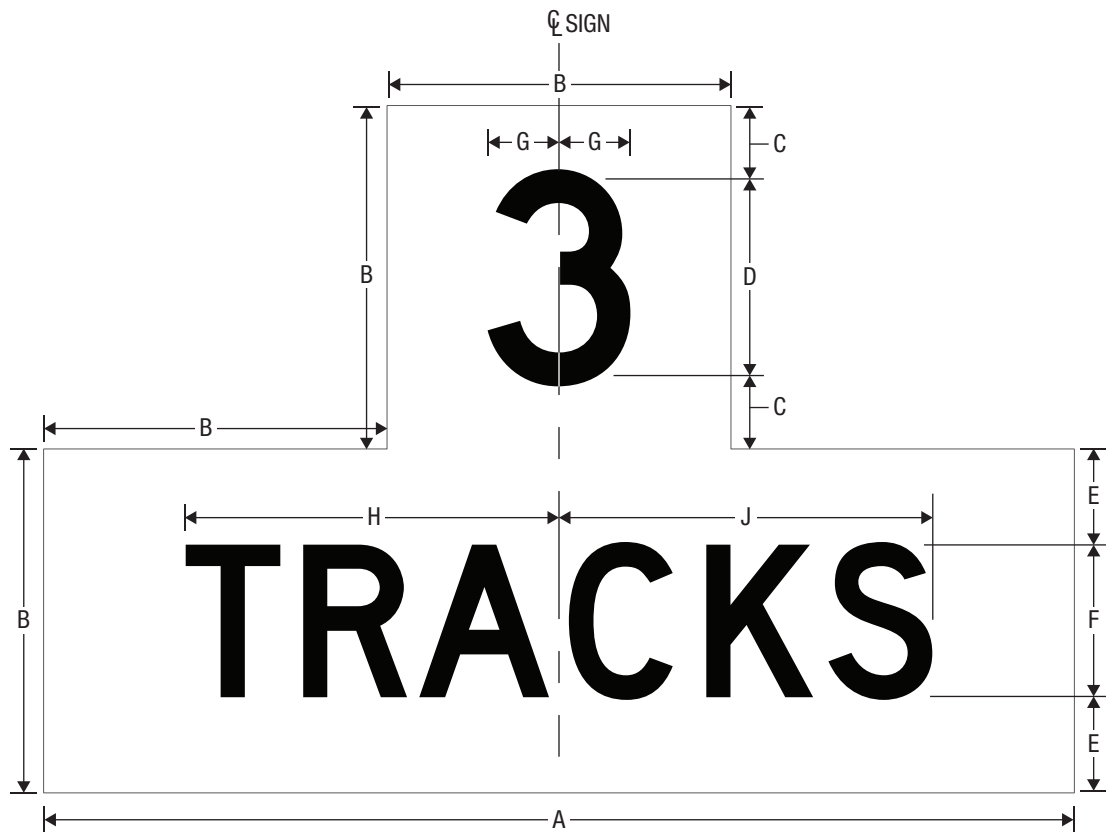


R15-1
GRADE CROSSING (CROSSBUCK)

* Increase Spacing to fit space.

A	B	C	D	E	F	G
24	4.5	0.875	2.75 D	0.75	9	22.5
48	9	1.75	5.5 D	1.5	18	45

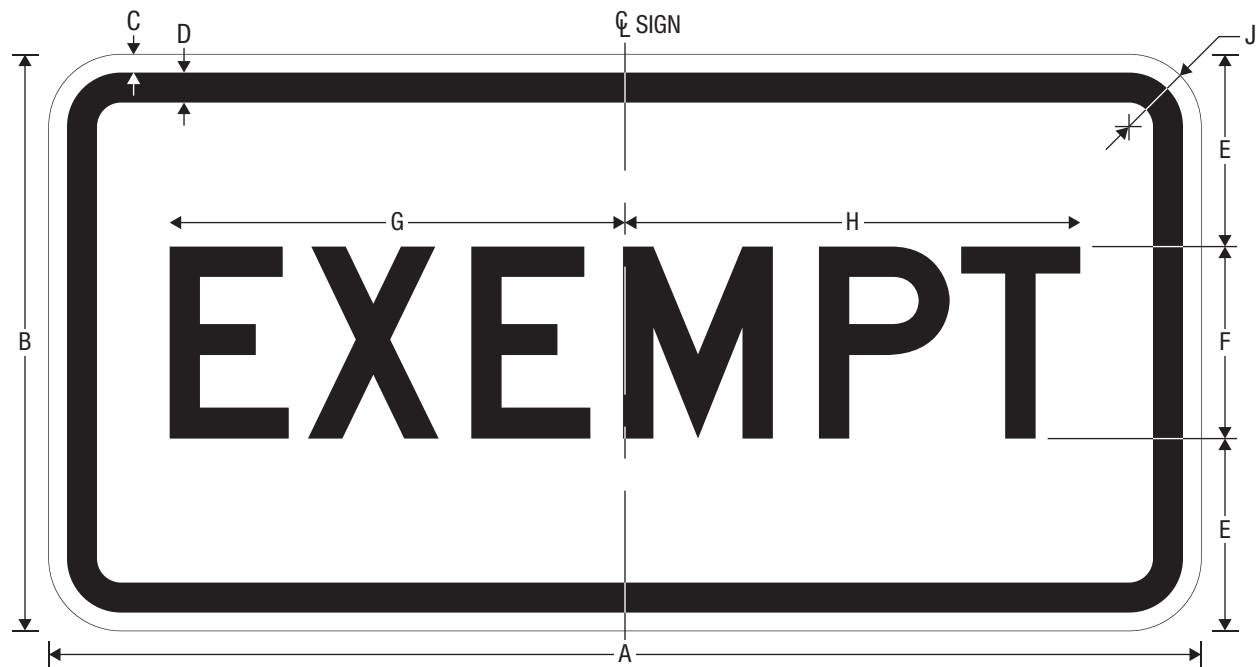
COLORS: LEGEND — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)
NO BORDER



R15-2P
NUMBER OF TRACKS (PLAQUE)

A	B	C	D	E	F	G	H	J
13.5	4.5	0.875	2.75 D	1.25	2 D	VAR	4.894	4.893
27	9	1.75	5.5 D	2.5	4 D	VAR	9.787	9.787

COLORS: LEGEND — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)
NO BORDER



R15-3P
EXEMPT (PLAQUE)

A	B	C	D	E	F	G	H	J
12	6	0.375	0.375	2	2 D	4.743	4.743	1.5
24	12	0.375	0.625	4	4 D	9.486	9.845	1.5

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



R15-4a

LIGHT RAIL ONLY RIGHT LANE

* See page 8-16 for symbol design.

A	B	C	D	E	F	G	H
24	30	0.375	0.625	1.75	3 F	2	1

J	K	L	M	N	P	Q	R
1.25	11	2.75	7.158	6.439	6.438	6.889	1.5

COLORS:

UPPER SECTION: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

LOWER SECTION: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R15-4b

LIGHT RAIL ONLY LEFT LANE

* See page 8-16 for symbol design.

A	B	C	D	E	F	G	H
24	30	0.375	0.625	1.75	3 F	2	1

J	K	L	M	N	P	Q	R
1.25	11	2.75	5.853	6.439	6.438	6.889	1.5

COLORS:

UPPER SECTION: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

LOWER SECTION: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R15-4c

LIGHT RAIL ONLY CENTER LANE

* See page 8-16 for symbol design.

A	B	C	D	E	F	G	H	J
24	30	0.375	0.625	1.75	3 F	2	1	1.25

K	L	M	N	P	Q	R	S
11	2.75	9.530	9.529	6.439	6.438	6.889	1.5

COLORS:

UPPER SECTION: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — BLACK

LOWER SECTION: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R15-5

LIGHT RAIL DO NOT PASS

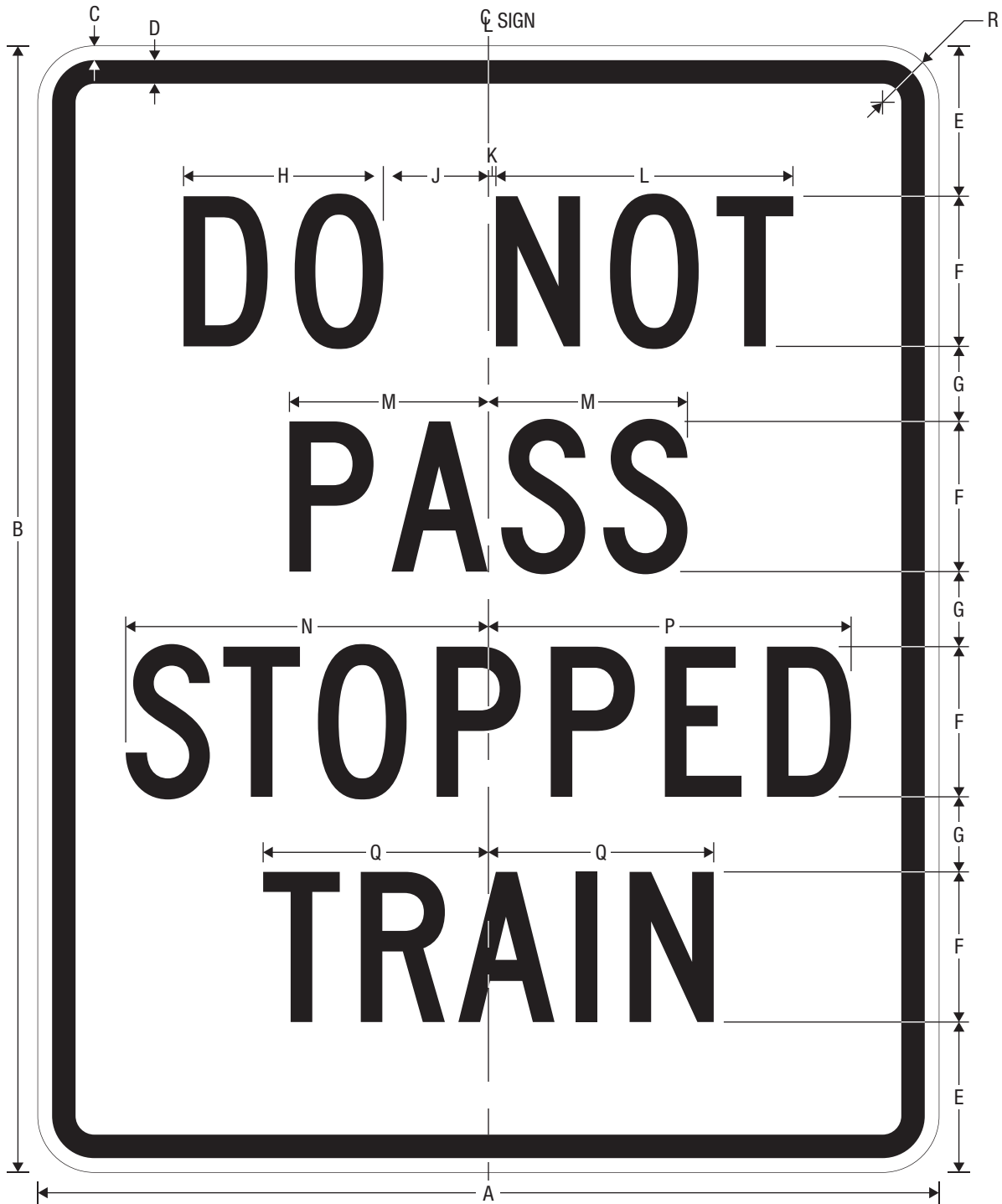
* See page 8-7 for symbol design.

** See page 8-16 for symbol design.

A	B	C	D	E	F	G	H	J	K
24	30	0.375	0.625	1.75	3.25	7.5	4.25	1.25	4 D

L	M	N	P	Q	R	S	T	U	V
2	9.625	8.125	15	6.365	3	9.446	6.266	6.265	1.5

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



R15-5a

DO NOT PASS STOPPED TRAIN

A	B	C	D	E	F	G	H
24	30	0.375	0.625	4	4 C	2	5.322

J	K	L	M	N	P	Q	R
2.801	0.199	7.923	5.302	9.664	9.663	6.002	1.5

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



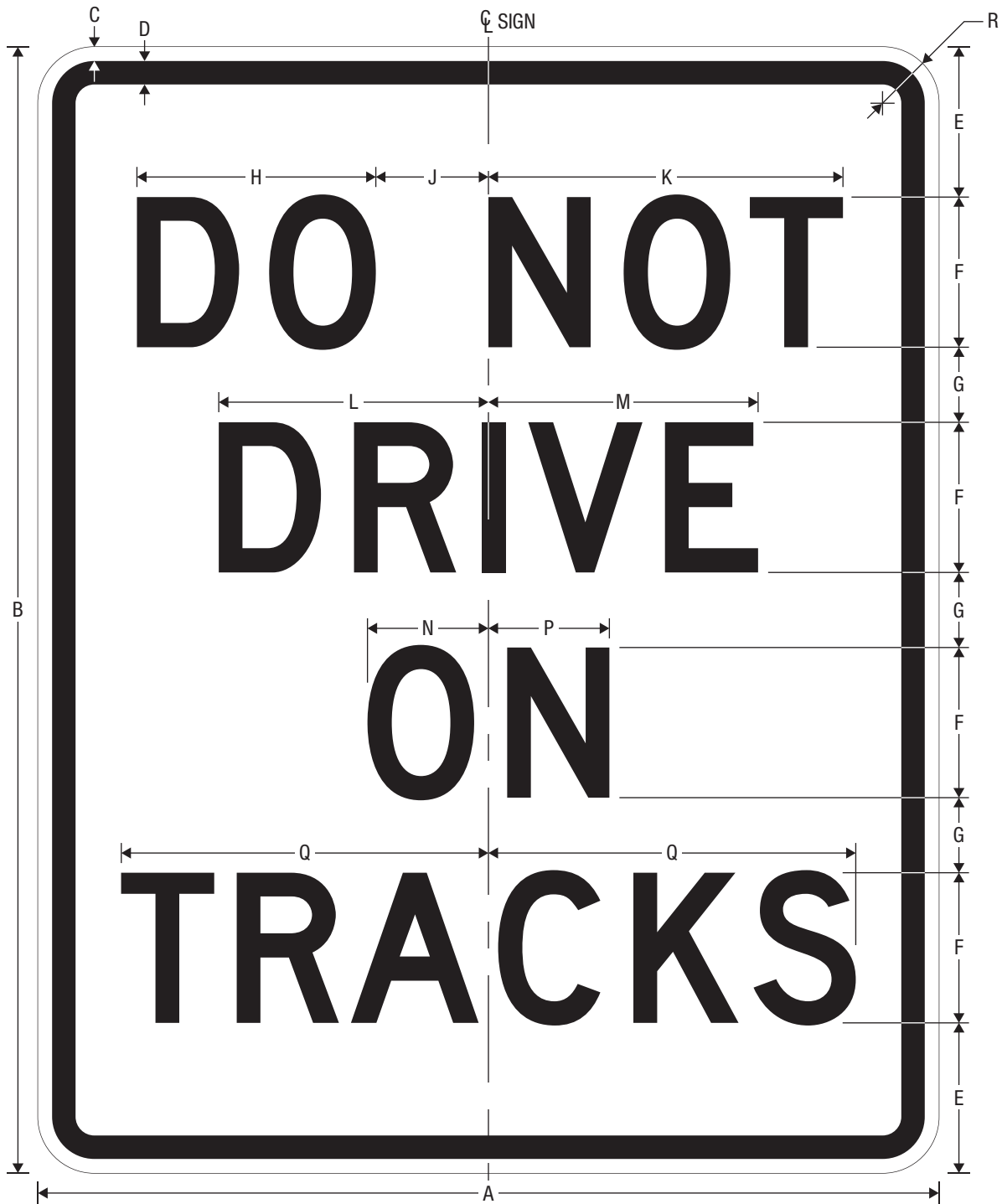
R15-6

NO MOTOR VEHICLES ON TRACKS

* See page 8-18 for symbol design.

A	B	C	D	E	F	G	H	J	K
24	0.375	0.625	2	2.375	7.625	2	5.970	5.969	1.5

COLORS: CIRCLE, DIAGONAL — RED (RETROREFLECTIVE)
 SYMBOL, BORDER — BLACK
 BACKGROUND — WHITE (RETROREFLECTIVE)



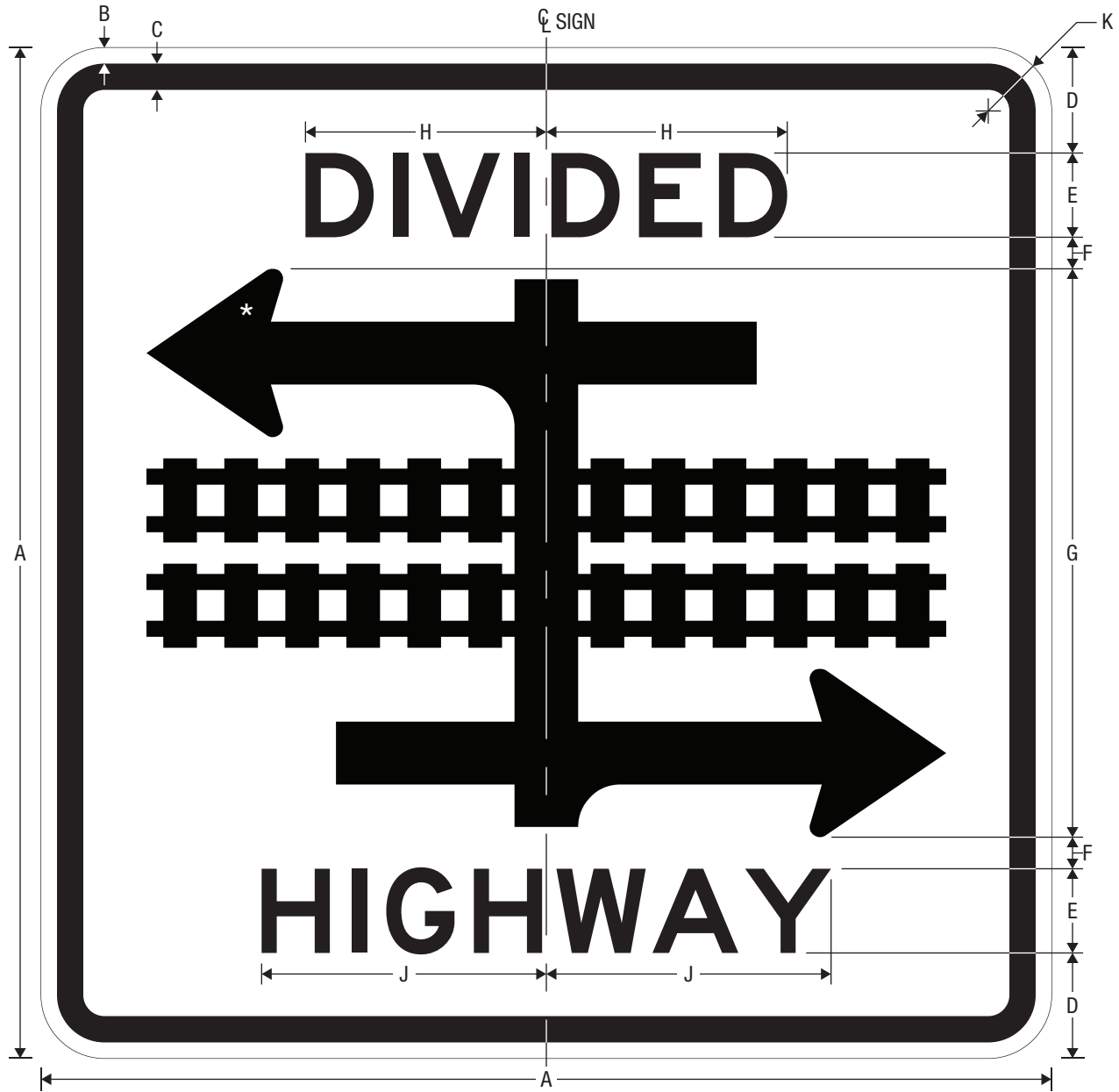
R15-6a

DO NOT DRIVE ON TRACKS

A	B	C	D	E	F	G	H
24	30	0.375	0.625	4	4 D	2	6.365

J	K	L	M	N	P	Q	R
3	9.446	7.185	7.184	3.223	3.222	9.787	1.5

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



R15-7

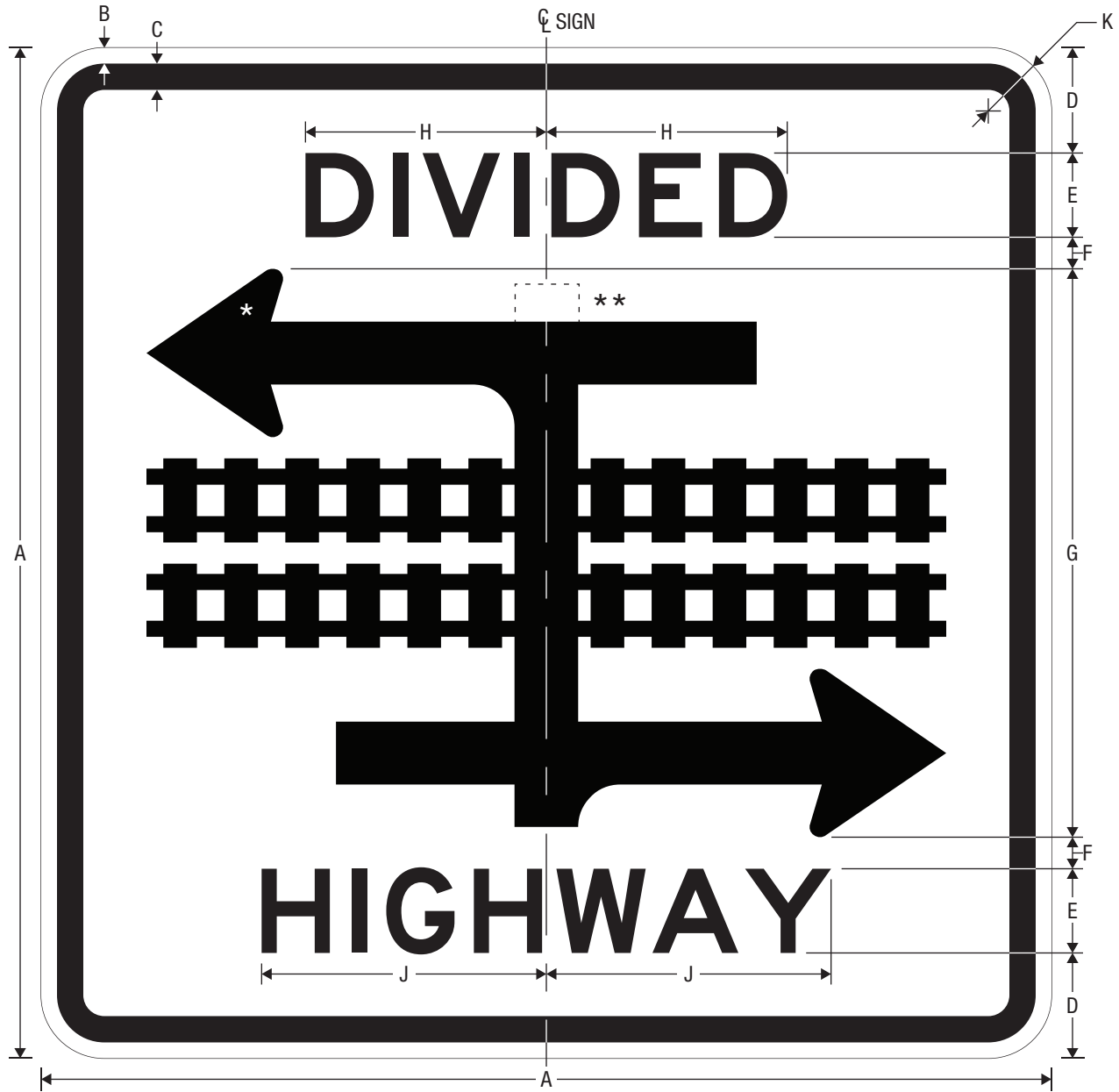
LIGHT RAIL DIVIDED HIGHWAY SYMBOL

* See page 8-26 for symbol design.

A	B	C	D	E	F	G	H	J	K
24	0.375	0.625	2.5	2 E	0.75	13.5	5.722	6.764	1.5

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

2-398



R15-7a

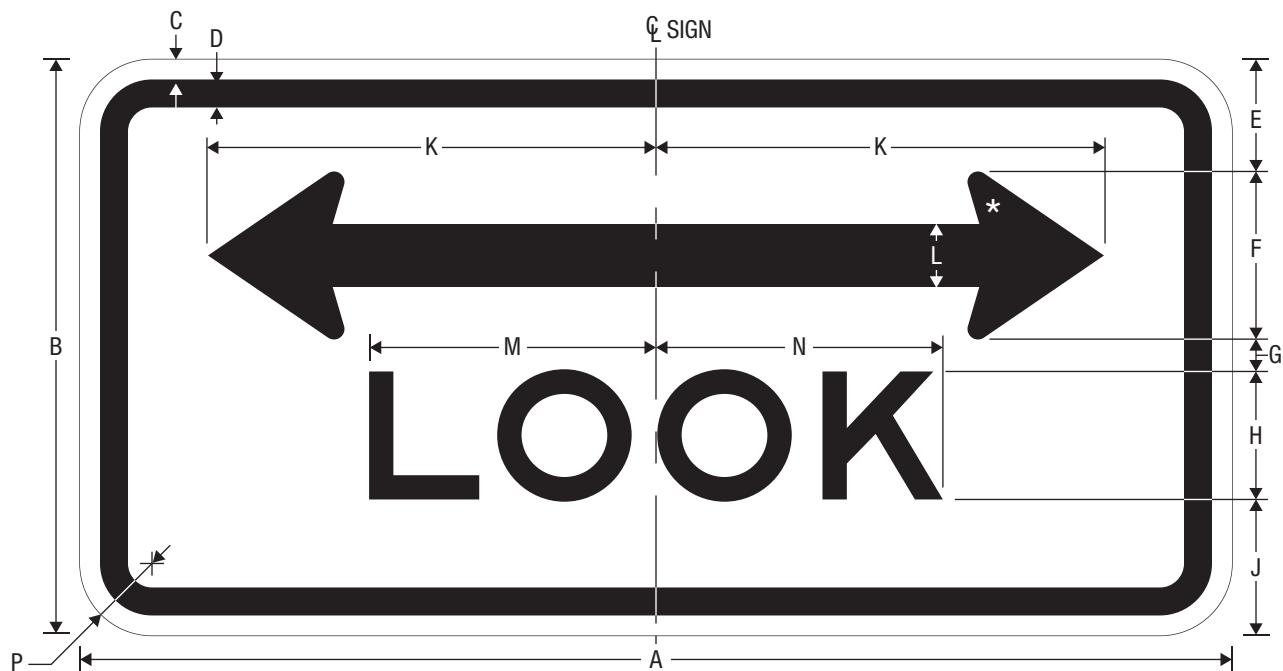
LIGHT RAIL DIVIDED HIGHWAY SYMBOL (T-INTERSECTION)

* See page 8-26 for symbol design.

** Modified symbol to show T-intersection.

A	B	C	D	E	F	G	H	J	K
24	0.375	0.625	2.5	2 E	0.75	13.5	5.722	6.764	1.5

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

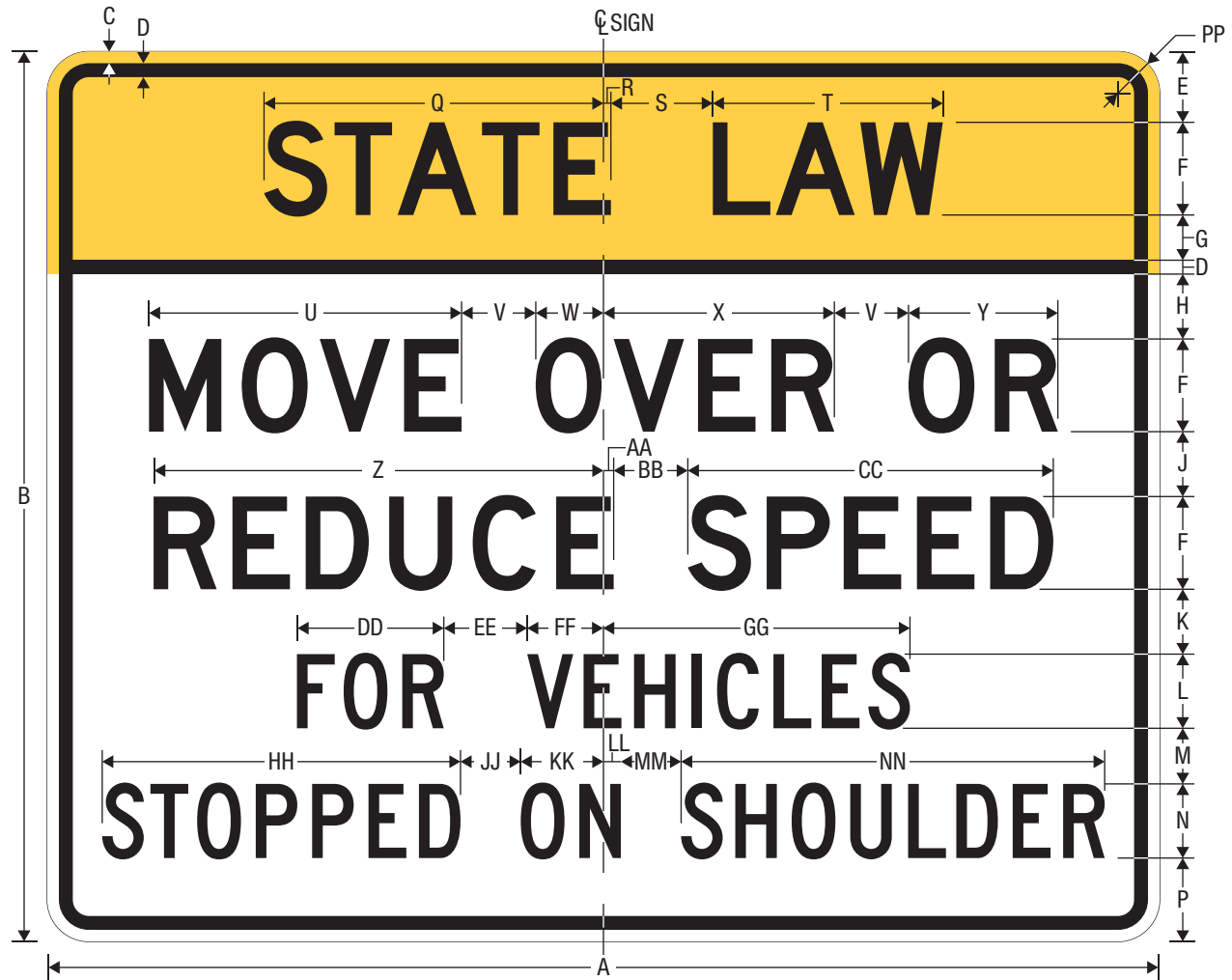


R15-8
LOOK

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
18	9	0.375	0.375	1.75	2.625	0.5	2 F	2.125	7	0.984	4.483	4.482	1.5
36	18	0.625	0.875	3.5	5.25	1	4 F	4.25	14	1.969	8.965	8.965	2.25

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



R16-3

MOVE OVER OR REDUCE SPEED

* Reduce Spacing 10%.

A	B	C	D	E	F	G	H	J	K	L	M	N
60	48	0.625	0.75	3.813	5 D	2.437	3.5	3.5	3.5	4 C	3	4 C
84	60	0.75	1	4.5	7 D	2.5	3.125	5	4.5	5 D	3.75	5 D*
102	72	0.75	1.25	5.25	8 D	3.5	4.25	6	5.5	6 D	4.5	6 D

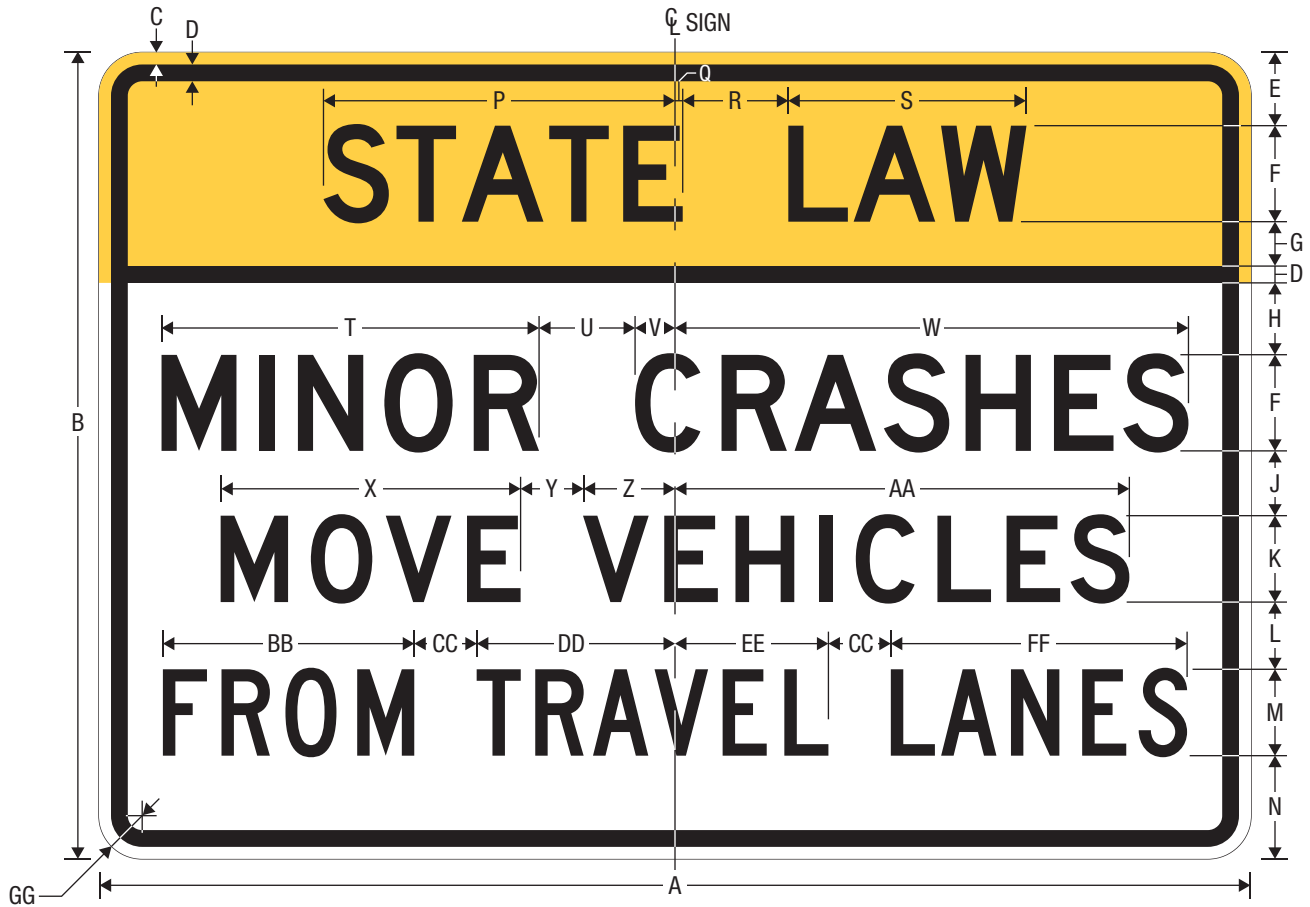
P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB
4.5	18.308	0.402	5.5	12.406	16.859	4	3.654	12.456	8.056	24.266	0.552	4
4.625	25.282	0.912	7	17.369	23.602	7	5.116	17.438	11.279	34.672	0.073	7
5.75	28.893	1.043	8	19.850	26.974	7	5.846	19.930	12.890	39.625	0.083	8

CC	DD	EE	FF	GG	HH	JJ	KK	LL	MM	NN	PP
19.714	7.923	4.5	4.112	16.535	19.327	3.25	4.462	0.940	3.25	22.848	2.25
27.599	11.808	5	6.780	23.588	27.420	3.75	6.778	1.168	3.75	33.029	3
31.542	14.169	6	8.136	28.305	33.444	5	8.346	1.322	5	40.469	3

COLORS:

UPPER SECTION: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

LOWER SECTION: LEGEND BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R16-4

MINOR CRASHES MOVE VEHICLES FROM TRAVEL LANES

* Increase Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L
60	42	0.625	0.875	3.813	5 D	2.312	3.75	3.375	4.5 D*	3.5
84	54	0.75	1.25	4.5	7 D	2.375	4.5	5	6 D*	4.5
96	60	0.75	1.25	5.25	8 D	3.5	4	5	7 D*	4.5

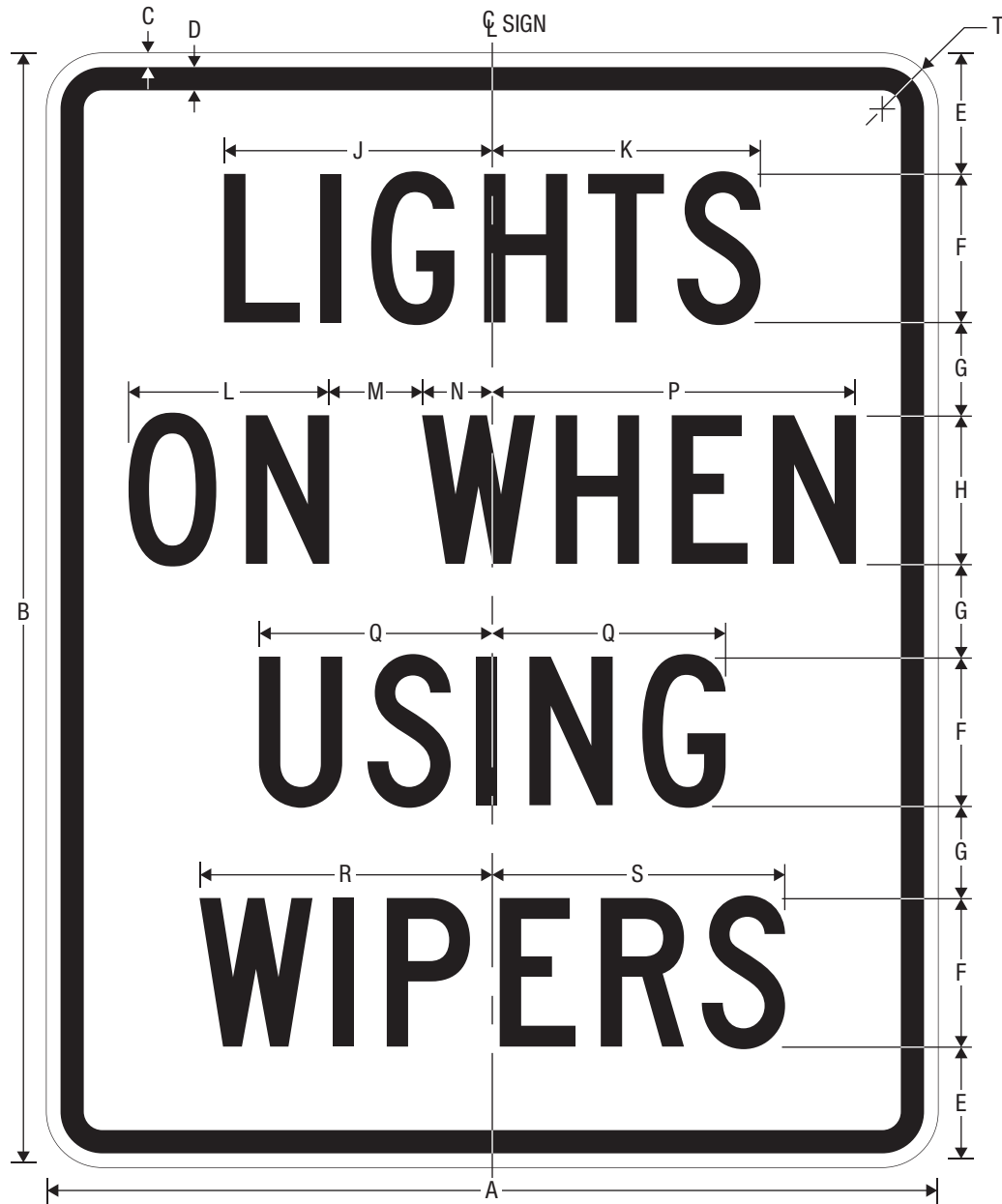
M	N	P	Q	R	S	T	U	V	W
4.5 C*	5.375	18.308	0.402	5.5	12.406	19.663	5	2.080	26.743
6 C*	5.875	25.282	0.912	7	17.369	27.528	7	2.911	37.441
7 C*	5.5	28.893	1.043	8	19.850	31.460	8	3.328	42.788

X	Y	Z	AA	BB	CC	DD	EE	FF	GG
15.623	3.25	4.792	23.664	13.092	3.25	10.330	7.992	15.432	2.25
20.831	6	5.556	32.385	17.456	6	13.775	10.654	20.576	3
24.302	7	6.482	37.783	20.365	6	16.071	12.430	24.005	3

COLORS:

UPPER SECTION: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

LOWER SECTION: LEGEND BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R16-5

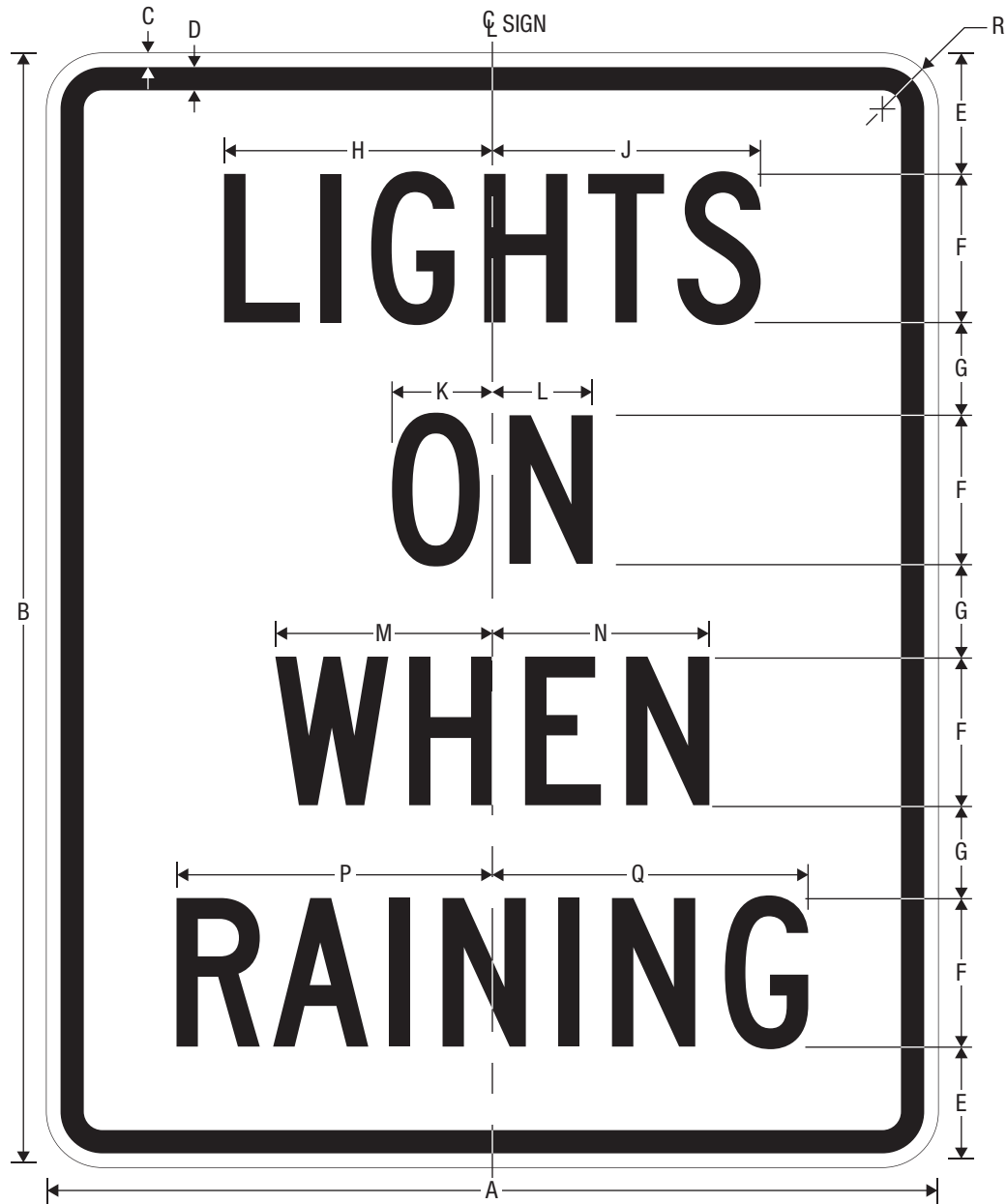
LIGHTS ON WHEN USING WIPERS

* Increase Spacing 50%.

A	B	C	D	E	F	G	H	J
24	30	0.375	0.625	3.25	4 C	2.5	4 C	7.223
36	48	0.625	0.875	6	6 C	4	6 C	10.834
48	60	0.75	1.25	6.5	8 C*	5	8 C	15.985

K	L	M	N	P	Q	R	S	T
7.222	5.402	2.5	1.892	9.793	6.282	7.883	7.883	1.5
10.833	8.103	3.5	2.963	14.565	9.423	11.825	11.824	2.25
15.985	10.804	5	3.783	19.587	14.084	17.466	17.466	3

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



R16-6

LIGHTS ON WHEN RAINING

★ Increase Spacing 50%.

A	B	C	D	E	F	G	H
24	30	0.375	0.625	3.25	4 C	2.5	7.223
36	48	0.625	0.875	6	6 C	4	10.834
48	60	0.75	1.25	6.5	8 C*	5	15.985

J	K	L	M	N	P	Q	R
7.222	2.701	2.701	5.843	5.842	8.503	8.502	1.5
10.834	4.052	4.051	8.764	8.764	12.754	12.754	2.25
15.985	5.802	5.802	12.745	12.745	19.185	19.185	3

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



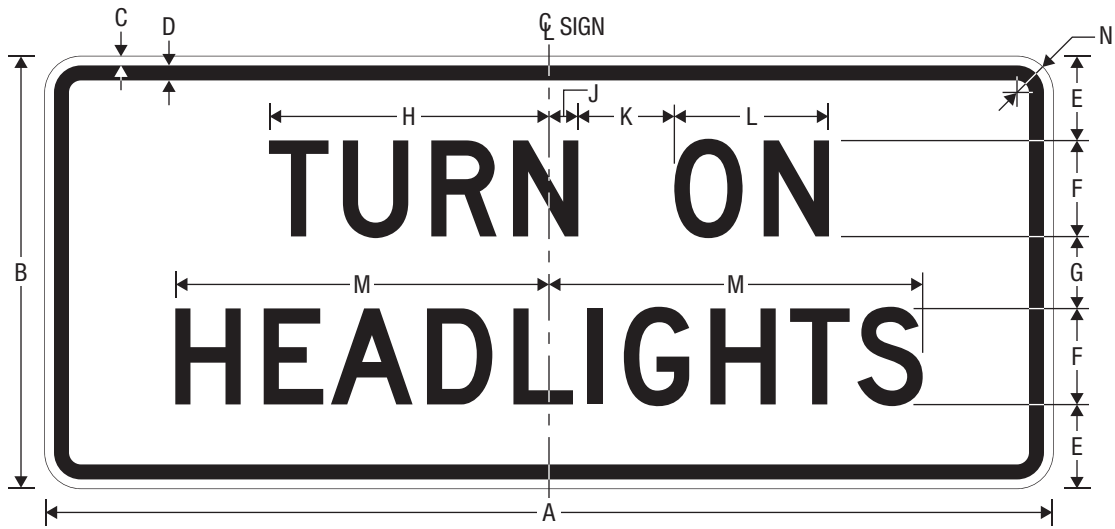
R16-7

TURN ON HEADLIGHTS NEXT XX MILES

A	B	C	D	E	F	G	H	J	K
60	18	0.625	0.75	3.5	4 C	3	4 D	10.884	4
96	30	0.5	0.75	6.5	6 D	5	6 D	19.335	5
132	36	0.625	0.875	7	8 D	6	8 D	25.780	8

L	M	N	P	Q	R	S	T	U
5.402	0.922	25.207	VAR	12.088	4	VAR	14.367	1.875
9.668	3.854	42.856	VAR	18.132	6	VAR	21.551	1.875
12.890	3.806	58.474	VAR	24.176	8	VAR	28.734	2.25

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

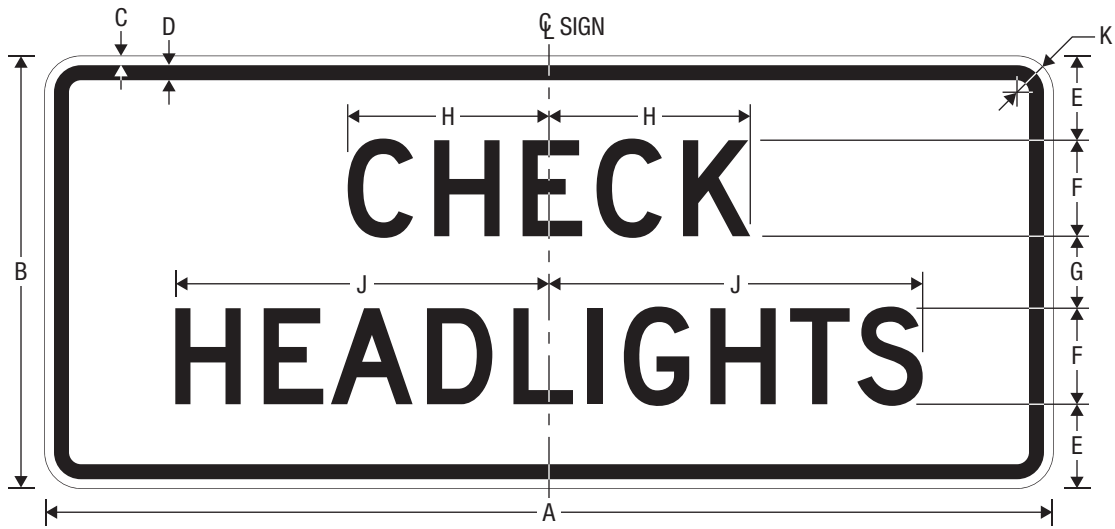


R16-8

TURN ON HEADLIGHTS

A	B	C	D	E	F	G	H	J	K	L	M	N
42	18	0.375	0.625	3.5	4 D	3	11.668	1.222	4	6.445	15.570	1.5
60	30	0.625	0.875	6.5	6 D	5	17.501	1.834	6	9.668	23.355	2.25
78	36	0.625	0.875	7	8 D	6	23.335	2.445	8	12.890	31.140	2.25

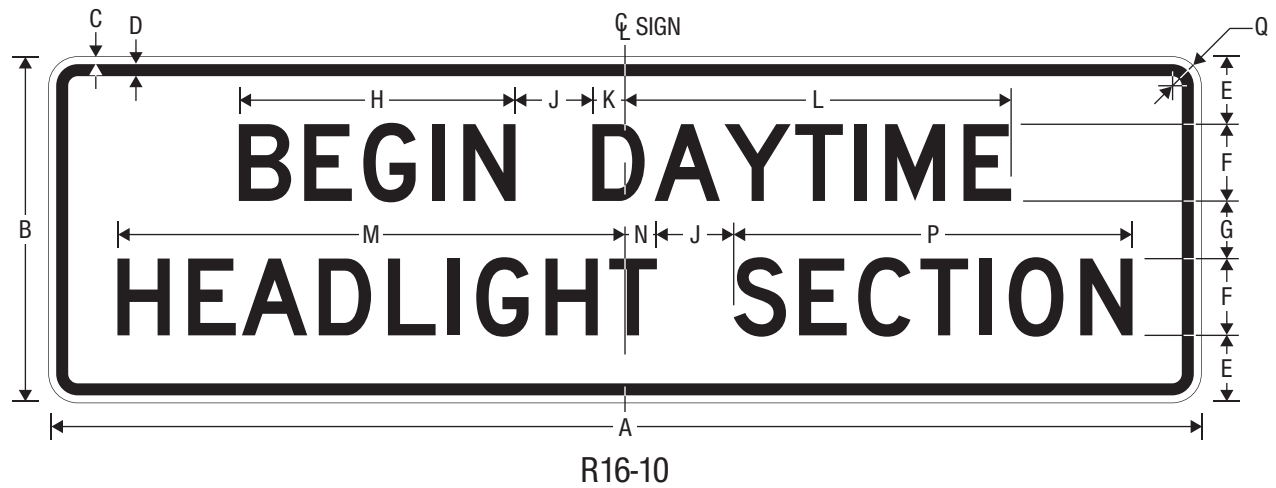
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R16-9
CHECK HEADLIGHTS

A	B	C	D	E	F	G	H	J	K
42	18	0.375	0.625	3.5	4 D	3	8.386	15.570	1.5
60	30	0.625	0.875	6.5	6 D	5	12.579	23.355	2.25
78	36	0.625	0.875	7	8 D	6	16.772	31.140	2.25

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

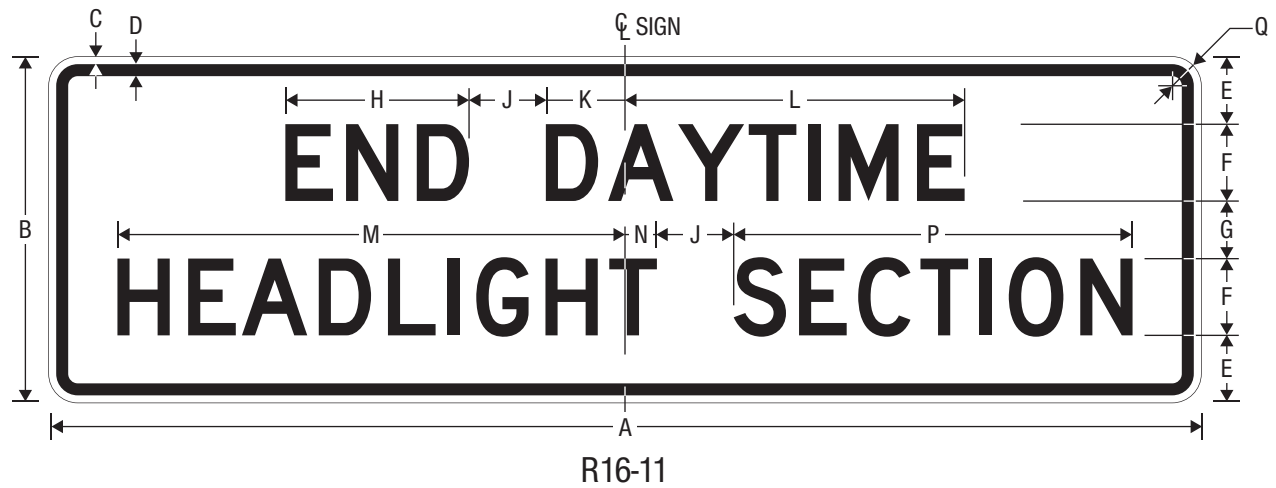


R16-10

BEGIN DAYTIME HEADLIGHT SECTION

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
60	18	0.625	0.75	3.5	4 D	3	14.410	4	1.701	20.110	26.435	1.662	20.773	1.875
96	30	0.5	0.75	6.5	6 D	5	21.615	6	2.551	30.166	39.653	2.493	31.160	1.875
120	36	0.625	0.875	7	8 D	6	28.820	8	3.401	40.221	52.870	3.324	41.546	2.25

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

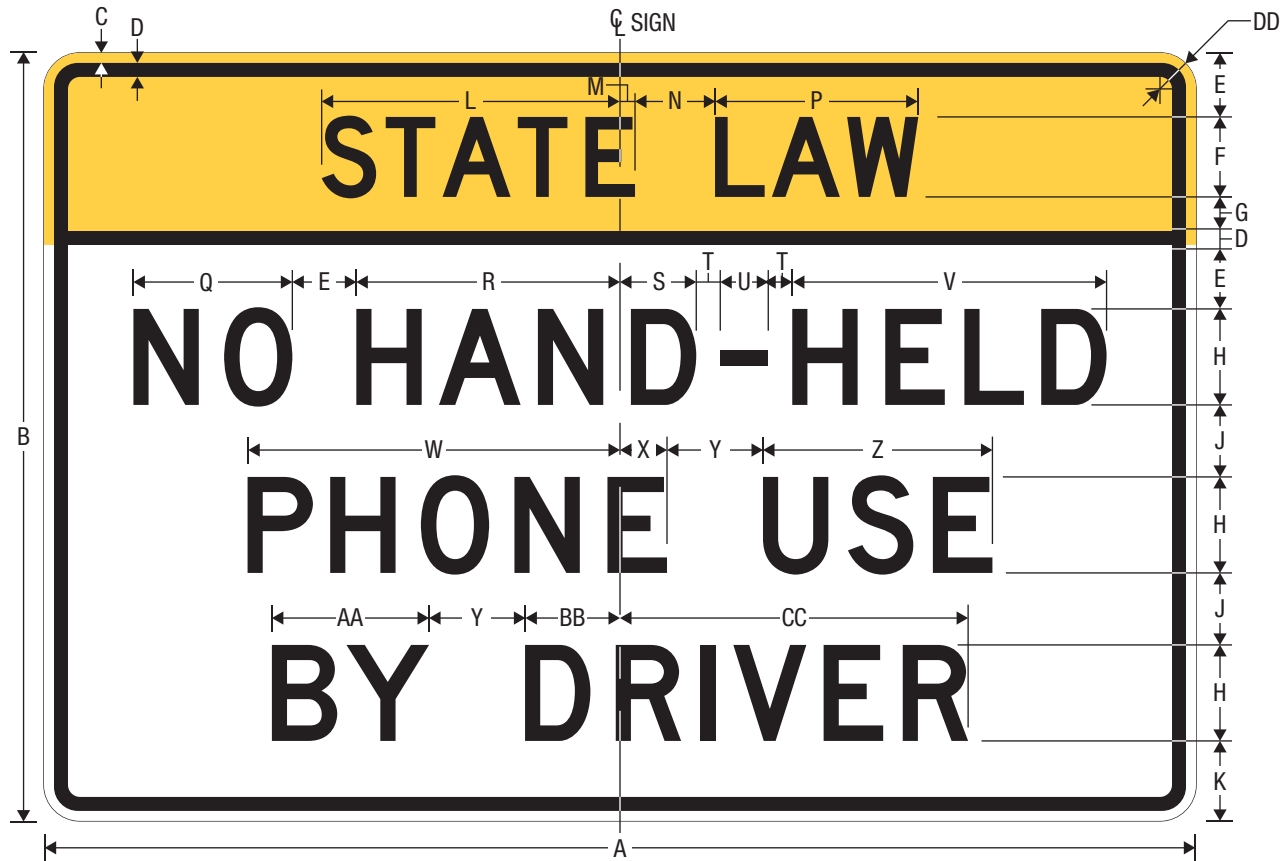


R16-11

END DAYTIME HEADLIGHT SECTION

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
60	18	0.625	0.75	3.5	4 D	3	9.567	4	4.122	17.689	26.435	1.662	20.773	1.875
96	30	0.5	0.75	6.5	6 D	5	14.351	6	6.183	26.534	39.653	2.493	31.160	1.875
120	36	0.625	0.875	7	8 D	6	19.134	8	8.244	35.378	52.870	3.324	41.546	2.25

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



R16-15

NO HAND-HELD PHONE USE BY DRIVER

* Increase Spacing 50%.

** Increase Spacing 20%.

A	B	C	D	E	F	G	H	J	K
72	48	0.625	0.875	4	5 D*	2.125	6 D**	4.5	5

L	M	N	P	Q	R	S	T	U
18.646	0.939	5	12.706	9.932	16.479	4.766	1.5	3

V	W	X	Y	Z	AA	BB	CC	DD
19.644	23.277	2.937	6	14.339	9.824	5.933	21.757	2.25

COLORS:

UPPER SECTION: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

LOWER SECTION: LEGEND BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R16-15a

NO HAND-HELD PHONE USE BY DRIVER

* Increase Spacing 50%.

** Increase Spacing 40%.

† Decrease Spacing 50%.

A	B	C	D	E	F	G	H	J	K	L
30	42	0.5	0.75	3.375	3 D*	1.875	2.688	6 D**	3	4 C†

M	N	P	Q	R	S	T	U	V	W	X
2.75	4 C	3.812	11.188	0.563	3	7.624	5.098	10.284	2	0.670

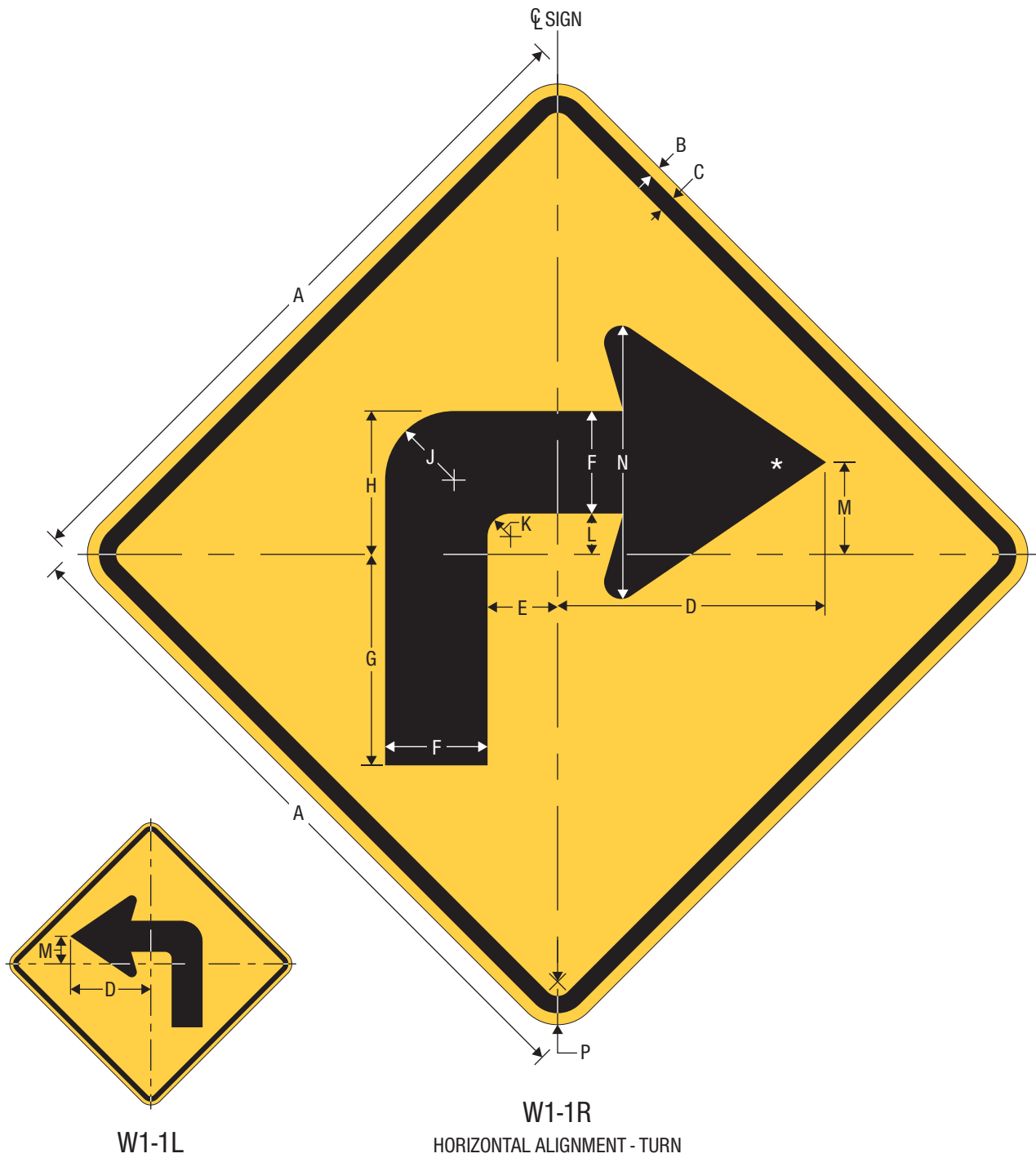
Y	Z	AA	BB	CC	DD	EE	FF	GG	HH
1.330	9.624	12.394	2.011	2.5	7.883	5.162	3.712	11.373	1.875

UPPER SECTION

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

LOWER SECTION

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



* See page 7-3 for arrow design.

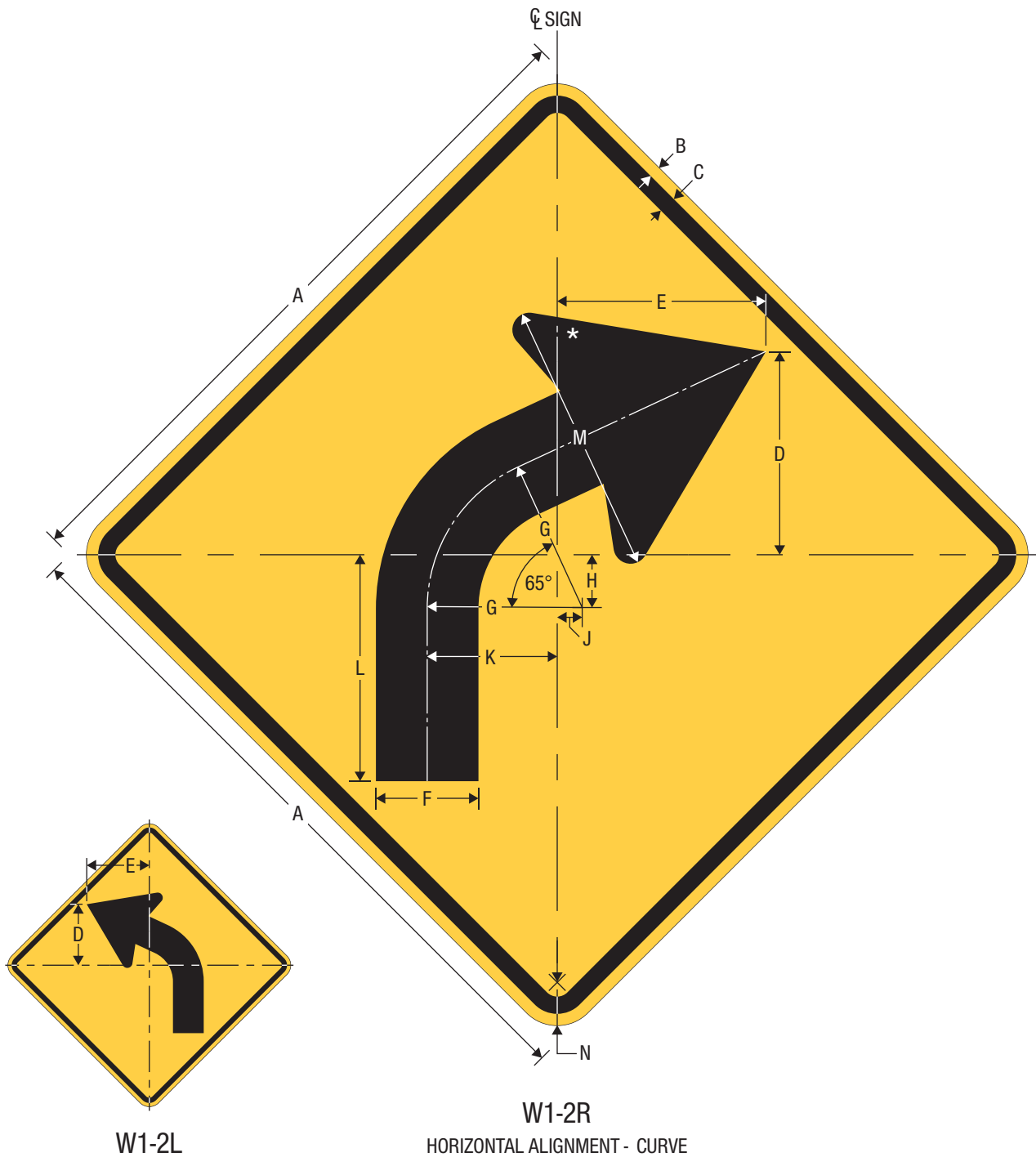
A	B	C	D	E	F	G	H	J	K	L	M	N	P
18	0.375	0.625	7	1.827	2.672	5.5	3.736	1.800	0.600	1.064	2.400	7.125	1.5
30	0.5	0.75	11.667	3.044	4.453	9.167	6.227	3	1	1.773	4	11.875	1.875
36	0.625	0.875	14	3.653	5.344	11	7.472	3.6	1.200	2.128	4.8	14.25	2.25
48	0.75	1.25	18.667	4.871	7.125	14.667	9.963	4.8	1.600	2.838	6.400	19	3

WARNING SIGN

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

TTC SIGN

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



* See page 7-3 for arrow design.

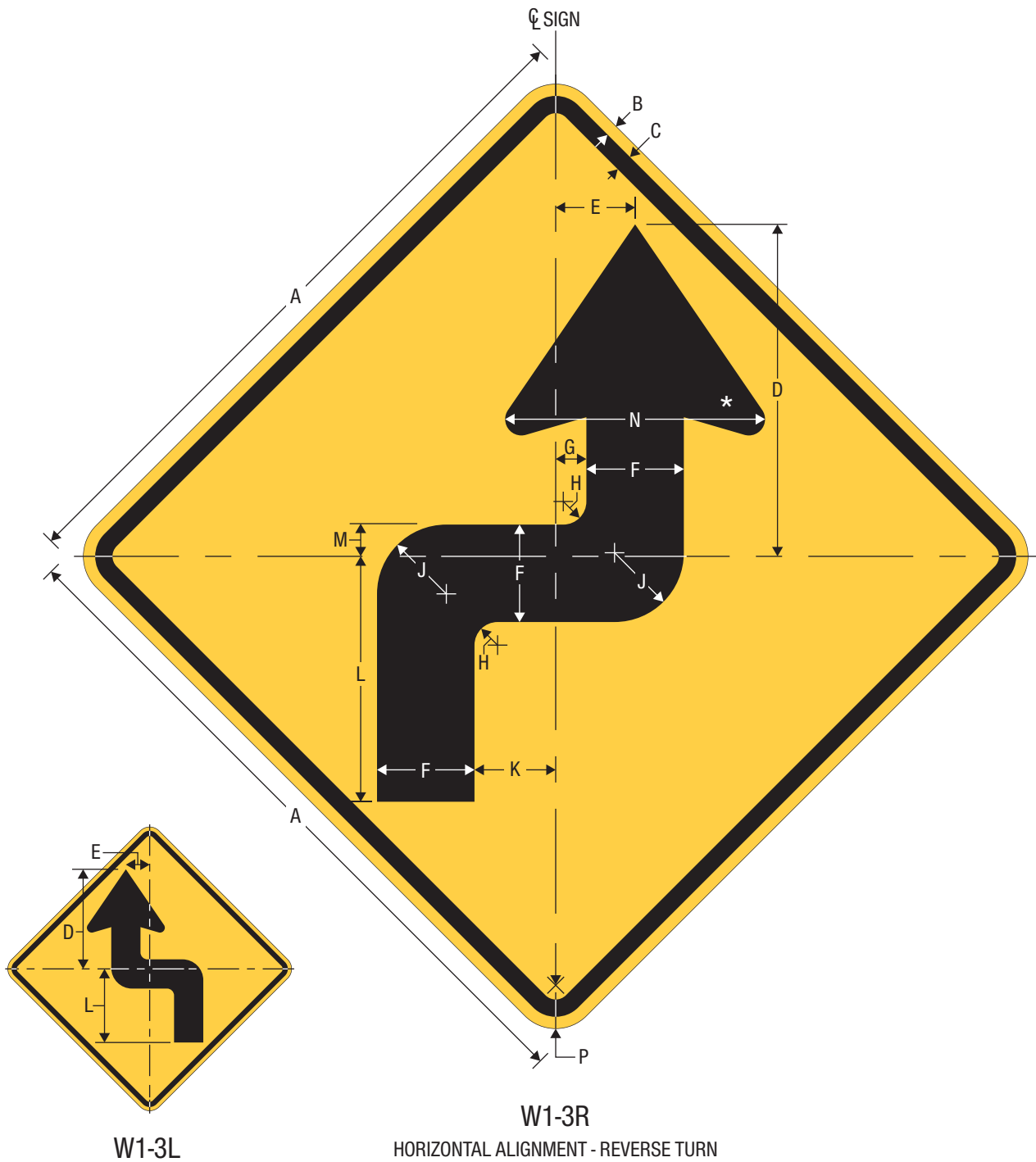
A	B	C	D	E	F	G	H	J	K	L	M	N
18	0.375	0.625	5.294	5.437	2.672	4.050	1.402	0.662	3.388	5.875	7.125	1.5
30	0.5	0.75	8.823	9.062	4.453	6.75	2.337	1.103	5.647	9.792	11.875	1.875
36	0.625	0.875	10.587	10.875	5.344	8.100	2.804	1.324	6.776	11.75	14.25	2.25
48	0.75	1.25	14.116	14.5	7.125	10.800	3.739	1.765	9.035	15.667	19	3

WARNING SIGN

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

TTC SIGN

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



* See page 7-3 for arrow design.

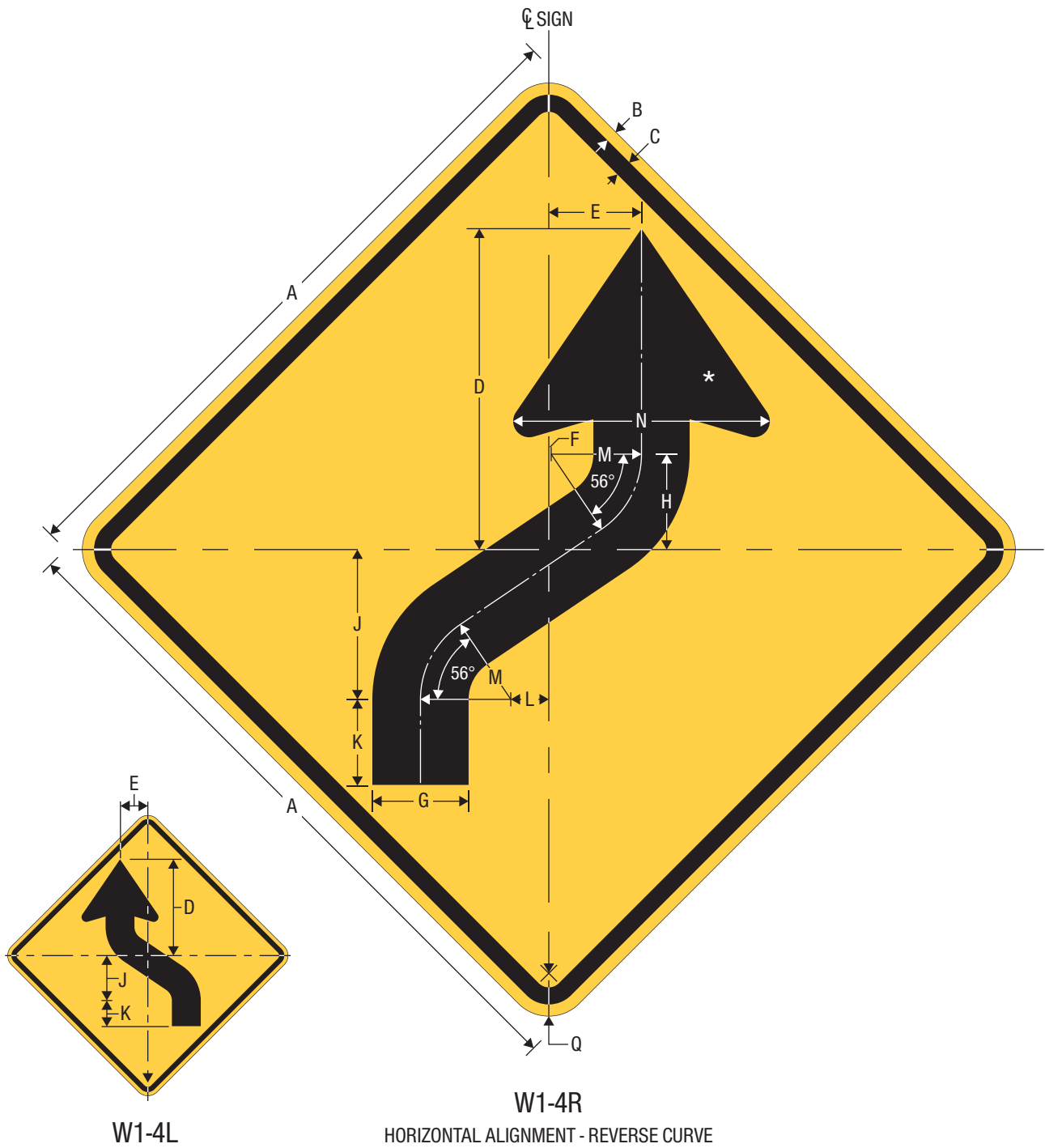
A	B	C	D	E	F	G	H	J	K	L	M	N	P
18	0.375	0.625	8.625	2.063	2.531	0.797	0.600	1.800	2.109	6.375	0.825	6.75	1.5
30	0.5	0.75	14.375	3.438	4.219	1.328	1	3	3.516	10.625	1.375	11.25	1.875
36	0.625	0.875	17.25	4.125	5.063	1.594	1.200	3.600	4.219	12.75	1.650	13.5	2.25
48	0.75	1.25	23	5.5	6.75	2.125	1.600	4.800	5.625	17	2.200	18	3

WARNING SIGN

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

TTC SIGN

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



* See page 7-3 for arrow design.

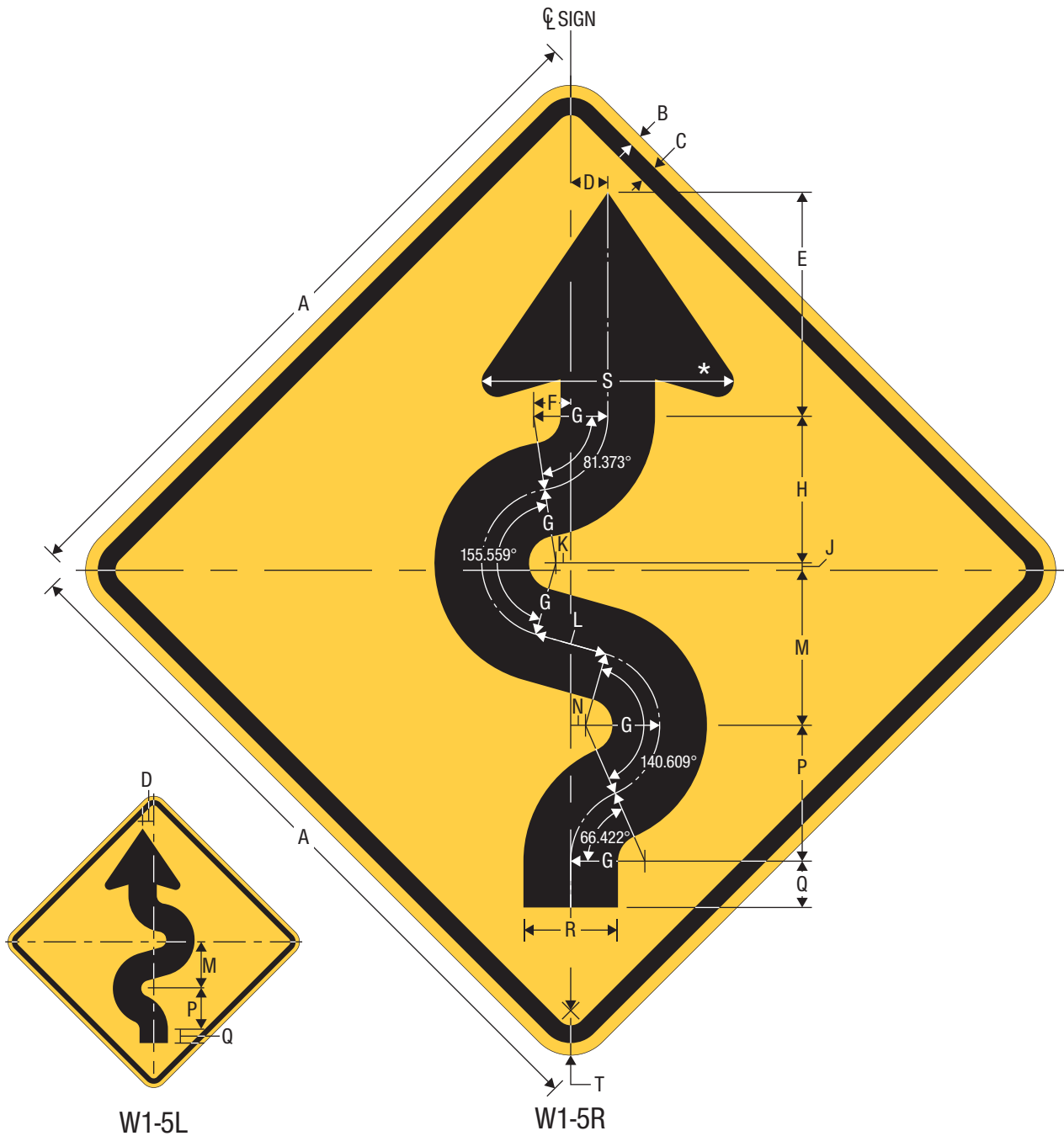
A	B	C	D	E	F	G	H	J	K	L	M	N	P
18	0.375	0.625	8.438	2.438	0.063	2.531	2.509	3.938	2.25	1	2.375	6.75	1.5
30	0.5	0.75	14.062	4.063	0.104	4.219	4.181	6.562	3.75	1.667	3.958	11.25	1.875
36	0.625	0.875	16.875	4.875	0.125	5.063	5.017	7.875	4.5	2	4.75	13.5	2.25
48	0.75	1.25	22.5	6.5	0.167	6.75	6.690	10.5	6	2.667	6.333	18	3

WARNING SIGN

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

TTC SIGN

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



W1-5L

W1-5R

HORIZONTAL ALIGNMENT - WINDING ROAD

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
18	0.375	0.625	0.938	5.667	0.937	1.875	3.708	0.188
30	0.5	0.75	1.562	9.446	1.562	3.125	6.179	0.313
36	0.625	0.875	1.875	11.335	1.875	3.75	7.145	0.375
48	0.75	1.25	2.5	15.113	2.5	5	9.887	0.5

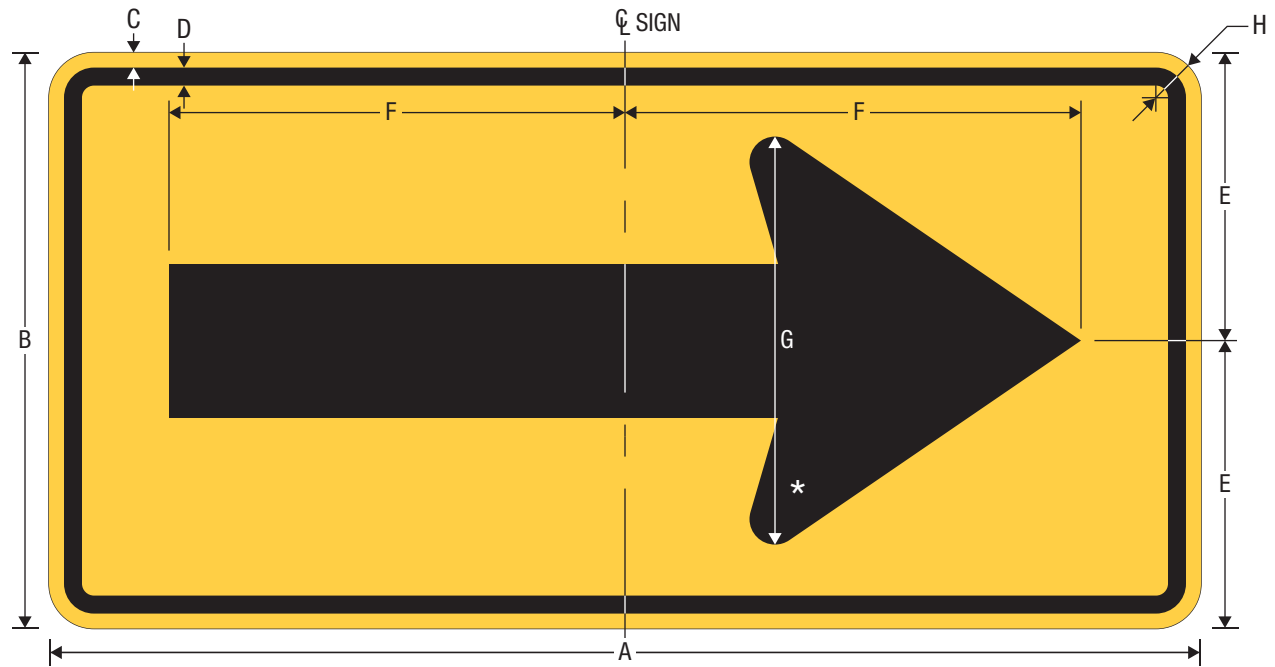
K	L	M	N	P	Q	R	S	T
0.375	1.842	3.922	0.375	3.437	1.172	2.391	6.375	1.5
0.625	3.069	6.537	0.625	5.728	1.953	3.984	10.625	1.875
0.75	3.683	7.845	0.75	6.874	2.344	4.781	12.75	2.25
1	4.911	10.460	1	9.165	3.125	6.375	17	3

WARNING SIGN

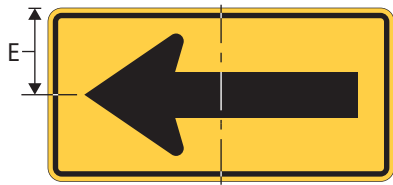
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN

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



W1-6R
LARGE ARROW (1-DIRECTION)



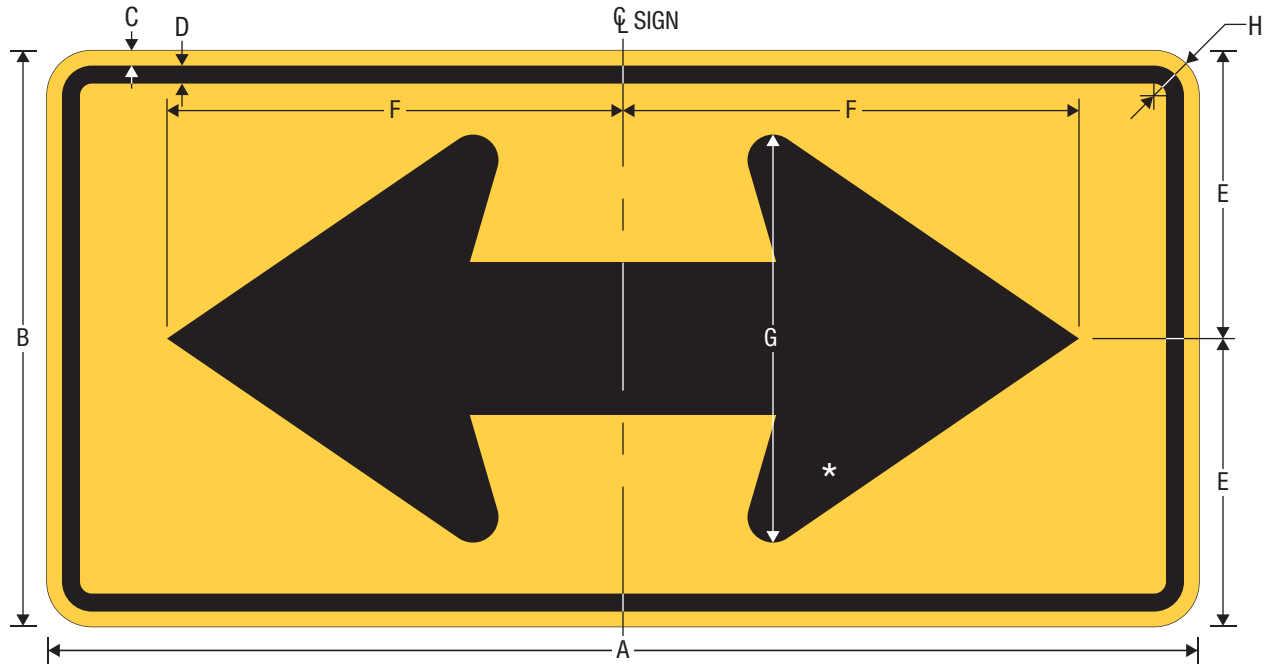
W1-6L

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H
24	12	0.375	0.625	6	9.5	8.5	1.5
36	18	0.375	0.625	9	14.25	12.75	1.5
48	24	0.625	0.75	12	19	17	1.875
60	30	0.625	0.875	15	23.75	21.25	2.25

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

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

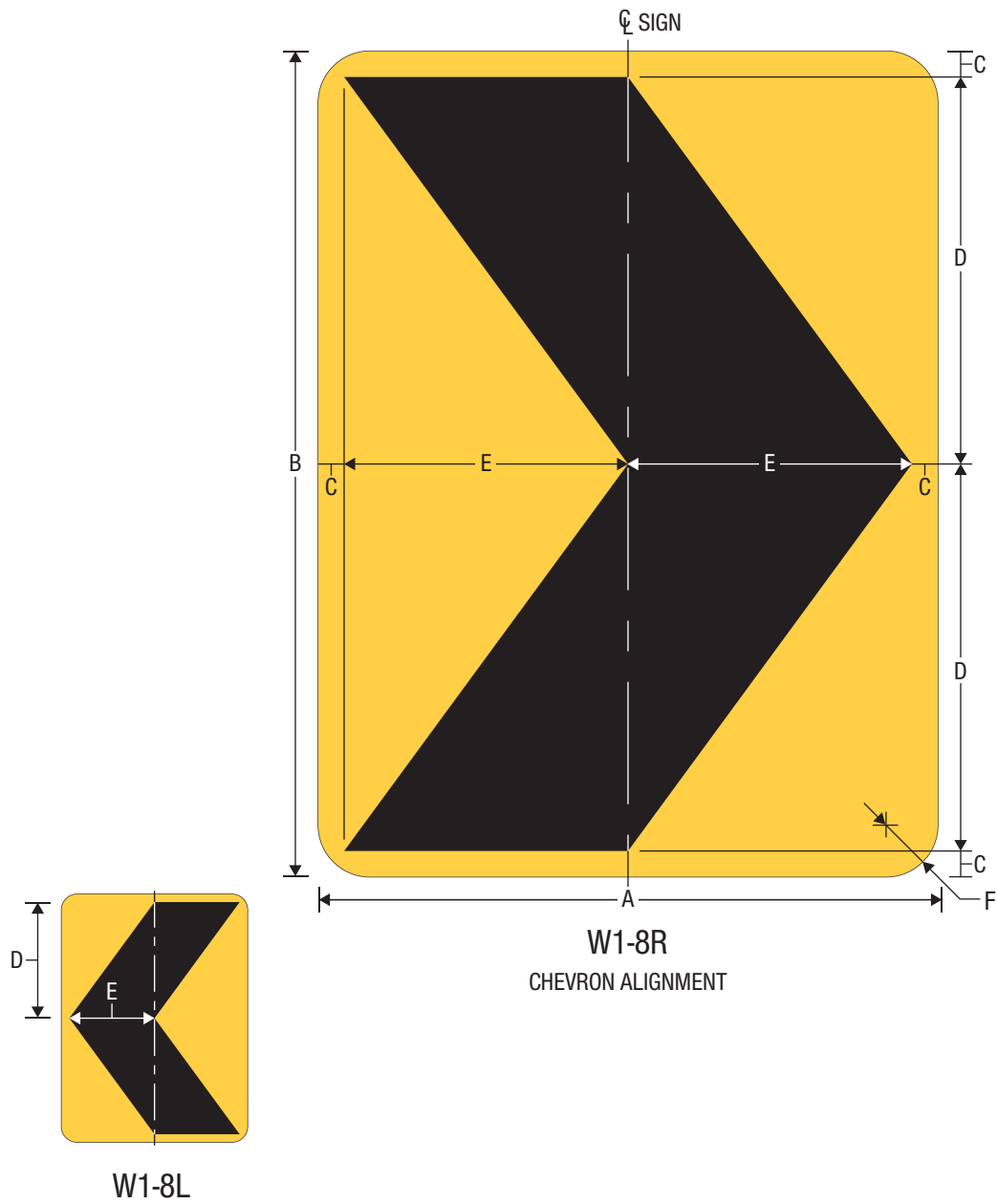


W1-7
LARGE ARROW (2-DIRECTION)

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H
24	12	0.375	0.625	6	9.5	8.5	1.5
36	18	0.375	0.625	9	14.25	12.75	1.5
48	24	0.625	0.75	12	19	17	1.875
60	30	0.625	0.875	15	23.75	21.25	2.25

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



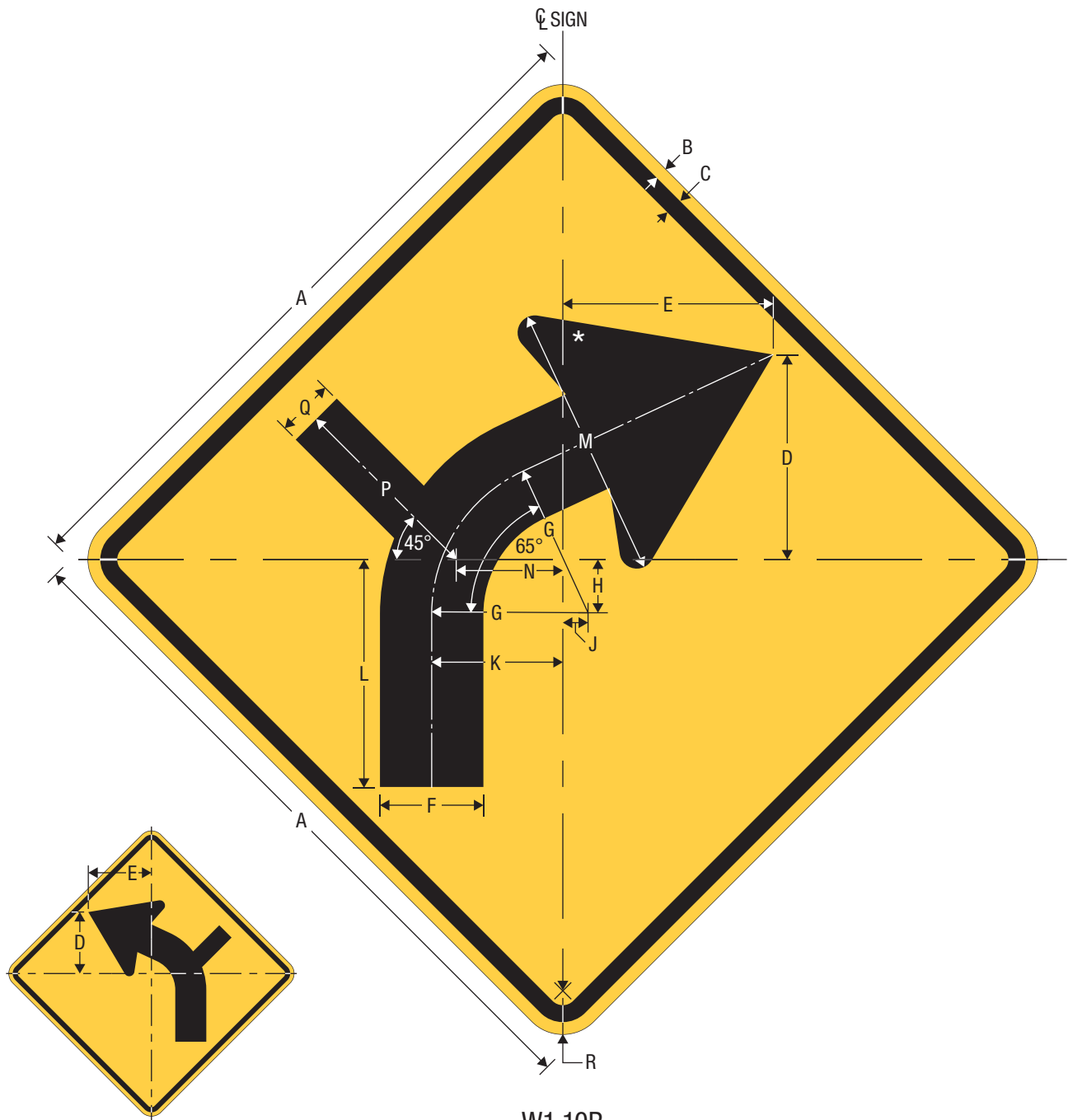
A	B	C	D	E	F
12	18	0.5	8.5	5.5	1.5
18	24	0.75	11.25	8.25	1.5
24	30	0.875	14.125	11.125	1.5
30	36	1	17	14	1.875
36	48	1.125	22.875	16.875	2.25

WARNING SIGN
COLORS: LEGEND
BACKGROUND
NO BORDER

— BLACK
— YELLOW (RETROREFLECTIVE)

TTC SIGN
COLORS: LEGEND
BACKGROUND
NO BORDER

— BLACK
— ORANGE (RETROREFLECTIVE)



W1-10L

W1-10R

COMBINATION HORIZONTAL ALIGNMENT/INTERSECTION

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H
36	0.625	0.875	10.587	10.875	5.344	8.100	2.804
48	0.75	1.25	14.116	14.5	7.125	10.800	3.739

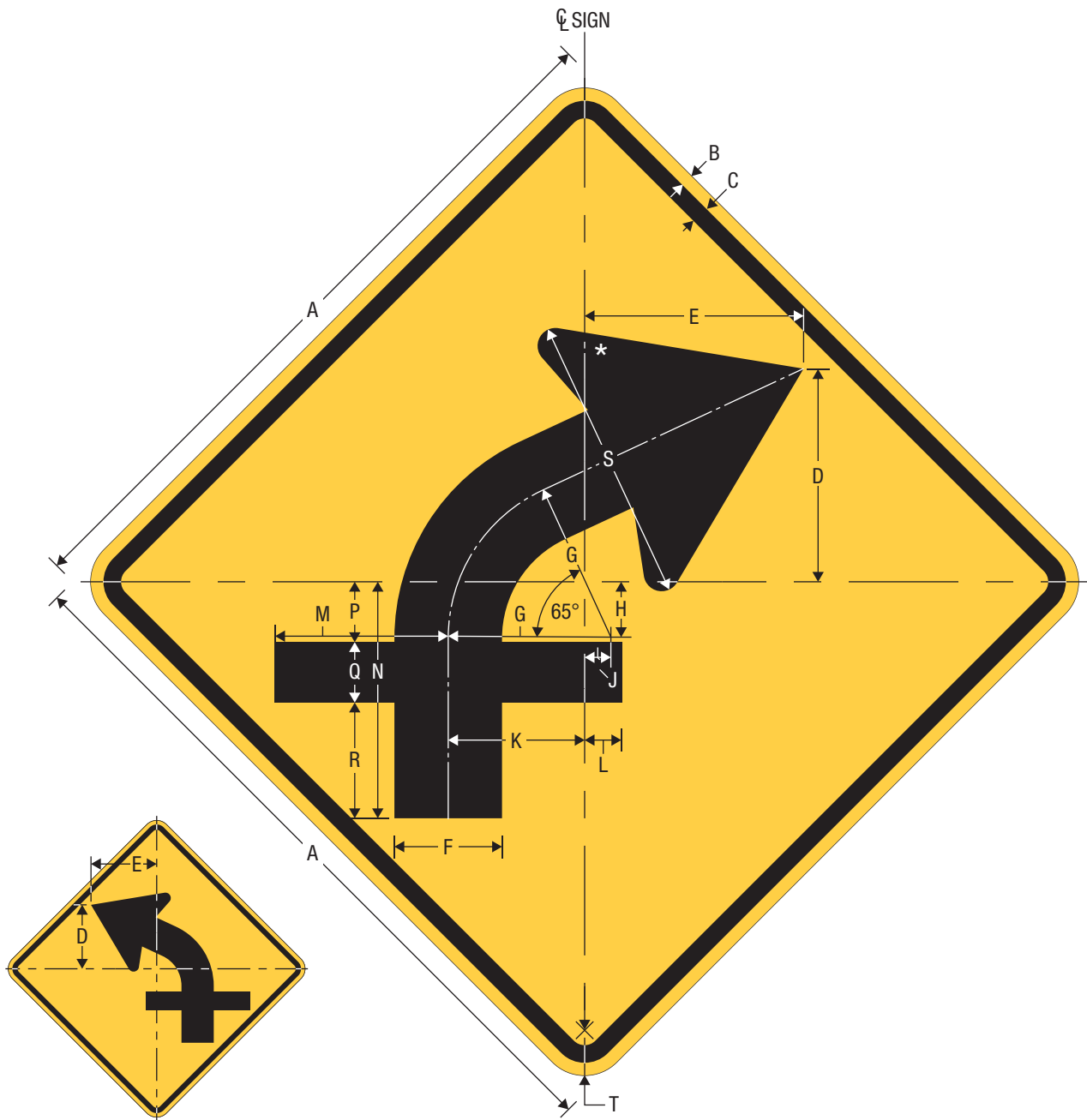
J	K	L	M	N	P	Q	R
1.324	6.776	11.75	14.25	5.5	10.25	3	2.25
1.765	9.035	15.667	19	7.333	13.667	4	3

WARNING SIGN

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

TTC SIGN

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



W1-10aL

W1-10aR

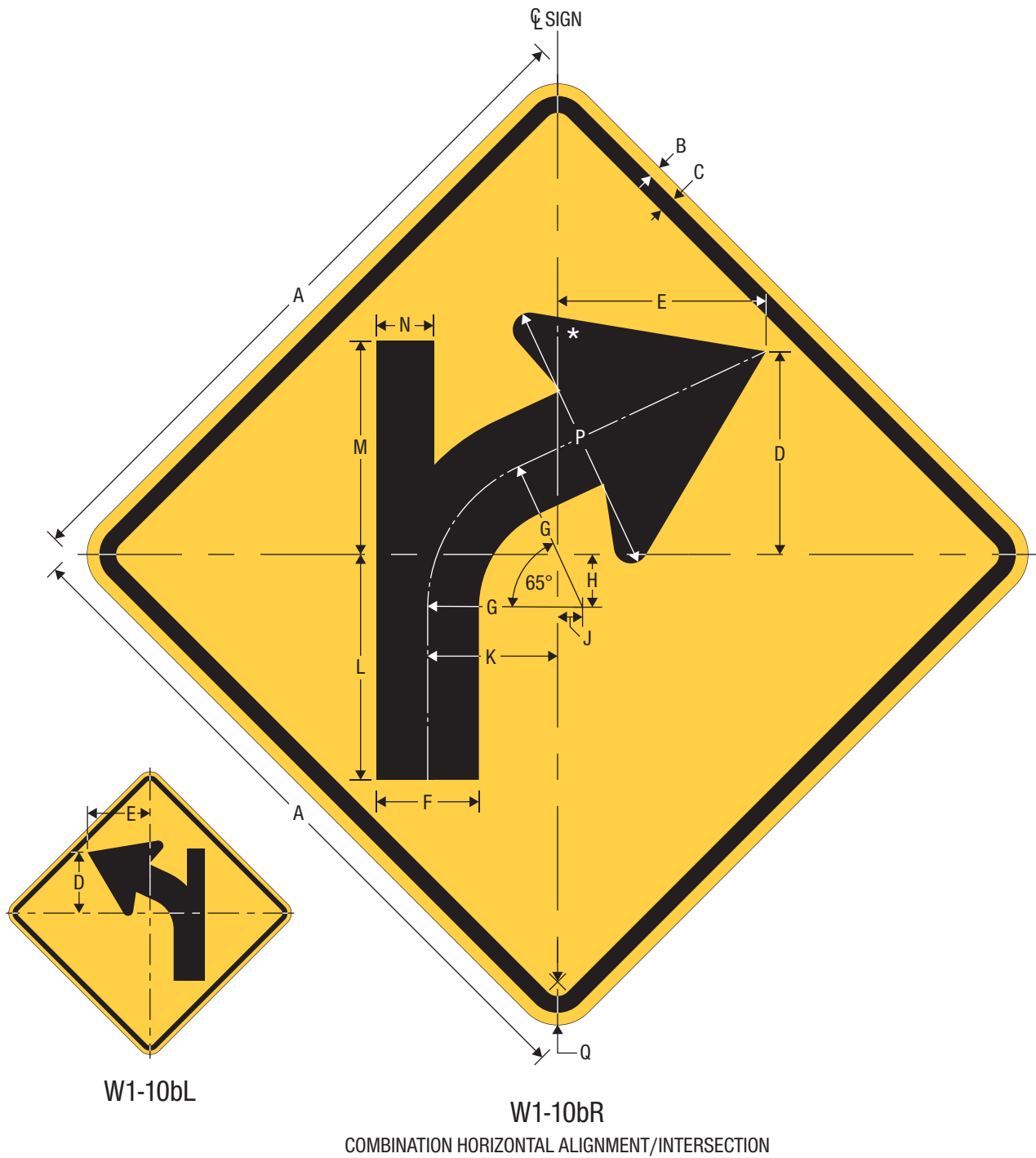
COMBINATION HORIZONTAL ALIGNMENT/INTERSECTION

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
36	0.625	0.875	10.587	10.875	5.344	8.100	2.804	1.324
48	0.75	1.25	14.116	14.5	7.125	10.800	3.739	1.765

K	L	M	N	P	Q	R	S	T
6.776	1.849	8.625	11.75	3	3	5.75	14.25	2.25
9.035	2.465	11.5	15.667	4	4	7.667	19	3

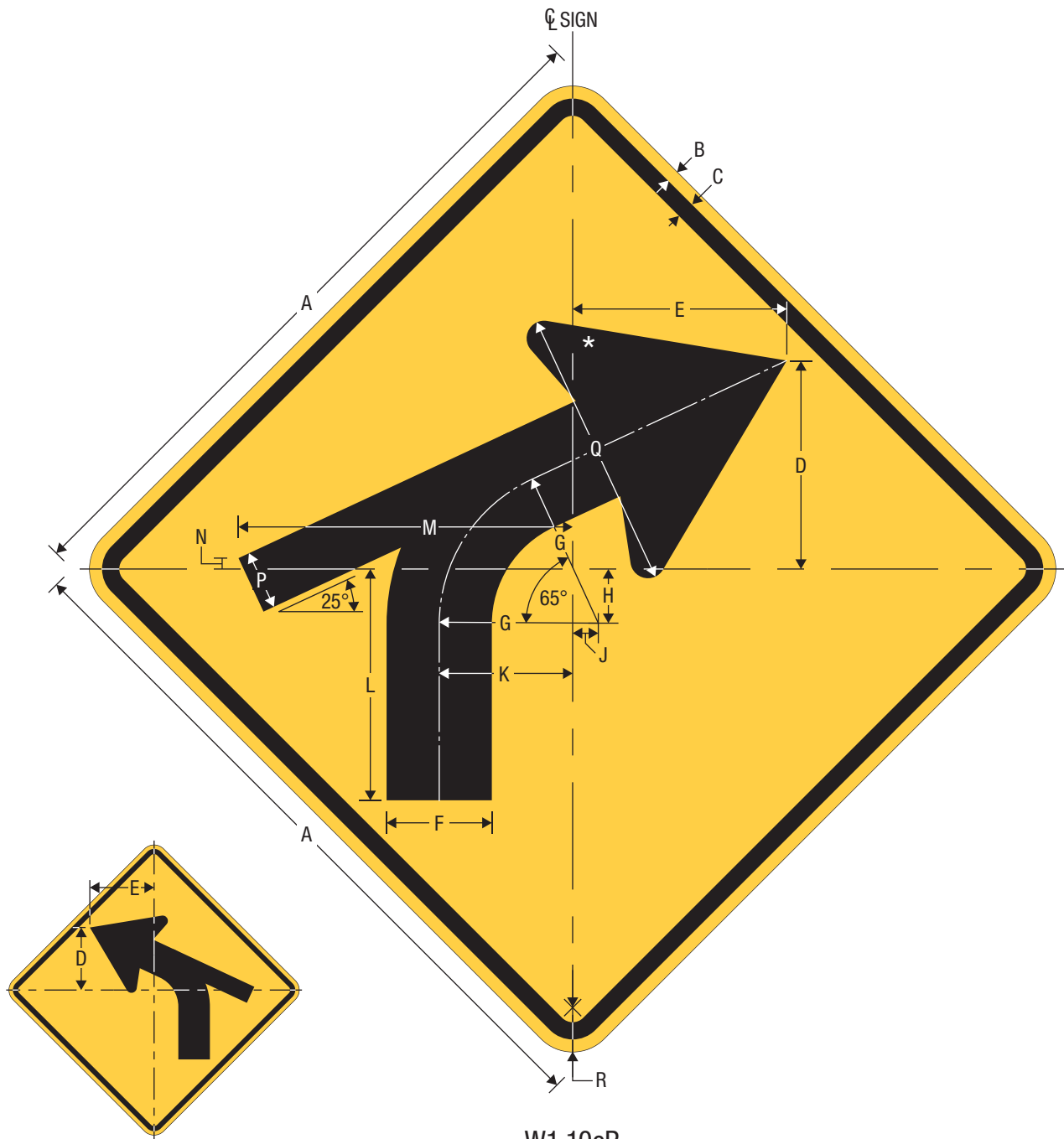
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
36	0.625	0.875	10.587	10.875	5.344	8.100	2.804	1.324	6.776	11.75	11.125	3	14.25	2.25
48	0.75	1.25	14.116	14.5	7.125	10.800	3.739	1.765	9.035	15.667	14.833	4	19	3

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



W1-10cL

W1-10cR

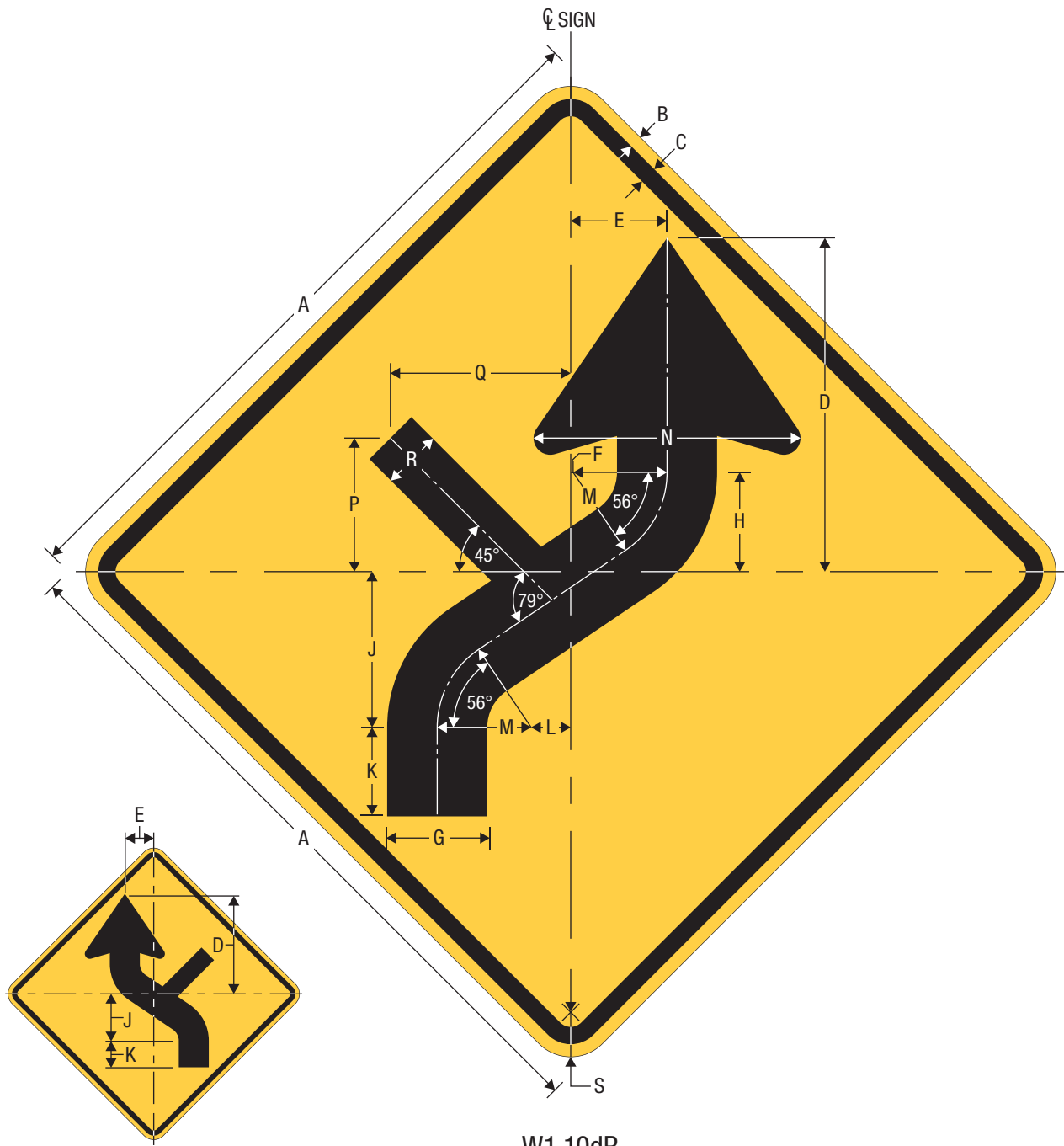
COMBINATION HORIZONTAL ALIGNMENT/INTERSECTION

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H
36	0.625	0.875	10.587	10.875	5.344	8.100	2.804
48	0.75	1.25	14.116	14.5	7.125	10.800	3.739

J	K	L	M	N	P	Q	R
1.324	6.776	11.75	16.967	0.552	3	14.25	2.25
1.765	9.035	15.667	22.622	0.737	4	19	3

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



W1-10dL

W1-10dR

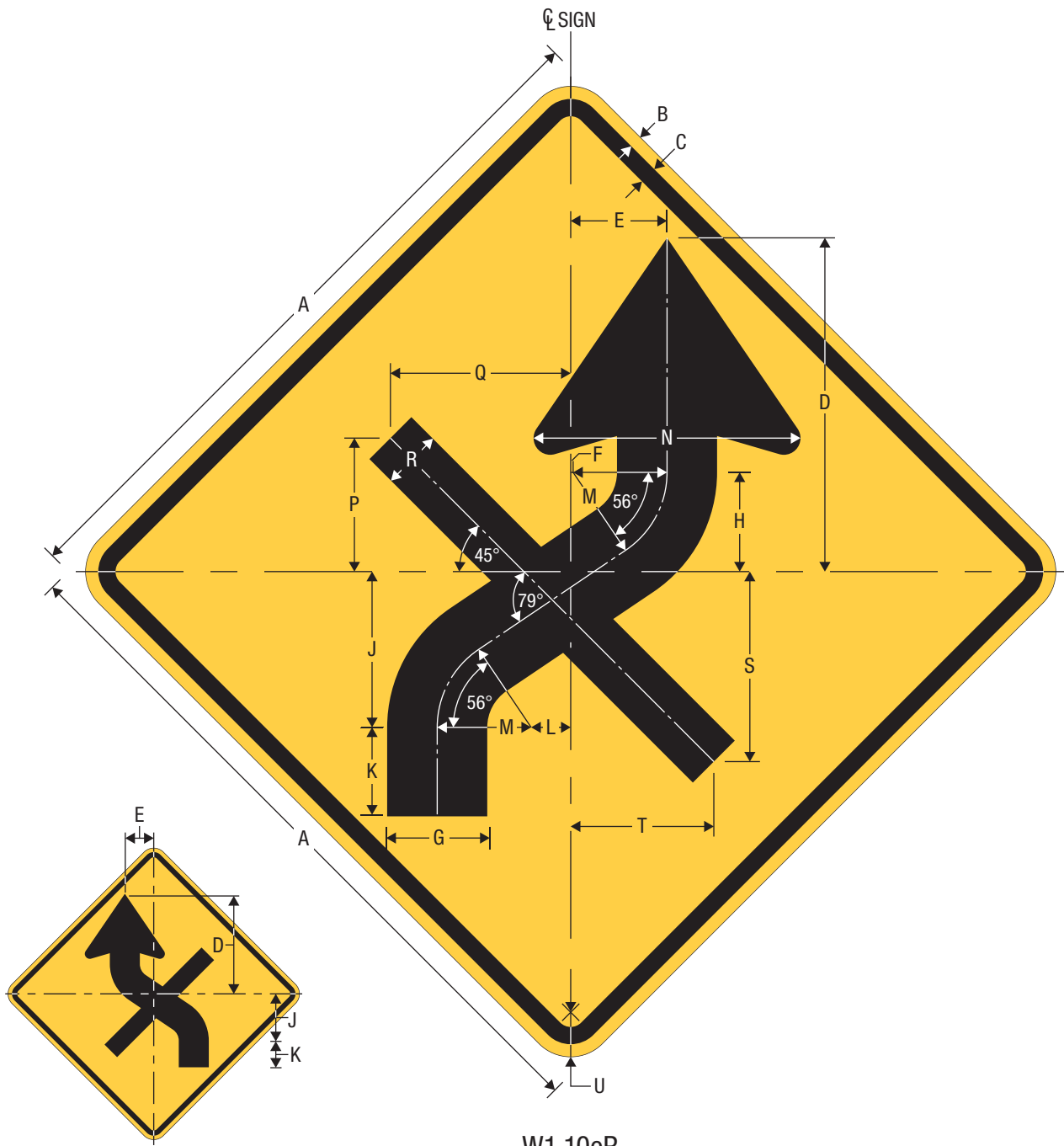
COMBINATION HORIZONTAL ALIGNMENT/INTERSECTION

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
36	0.625	0.875	16.875	4.875	0.125	5.063	5.017	7.875
48	0.75	1.25	22.5	6.5	0.167	6.75	6.690	10.5

K	L	M	N	P	Q	R	S
4.5	2	4.75	13.5	6.75	9.116	3	2.25
6	2.667	6.333	18	9	12.155	4	3

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



W1-10eL

W1-10eR

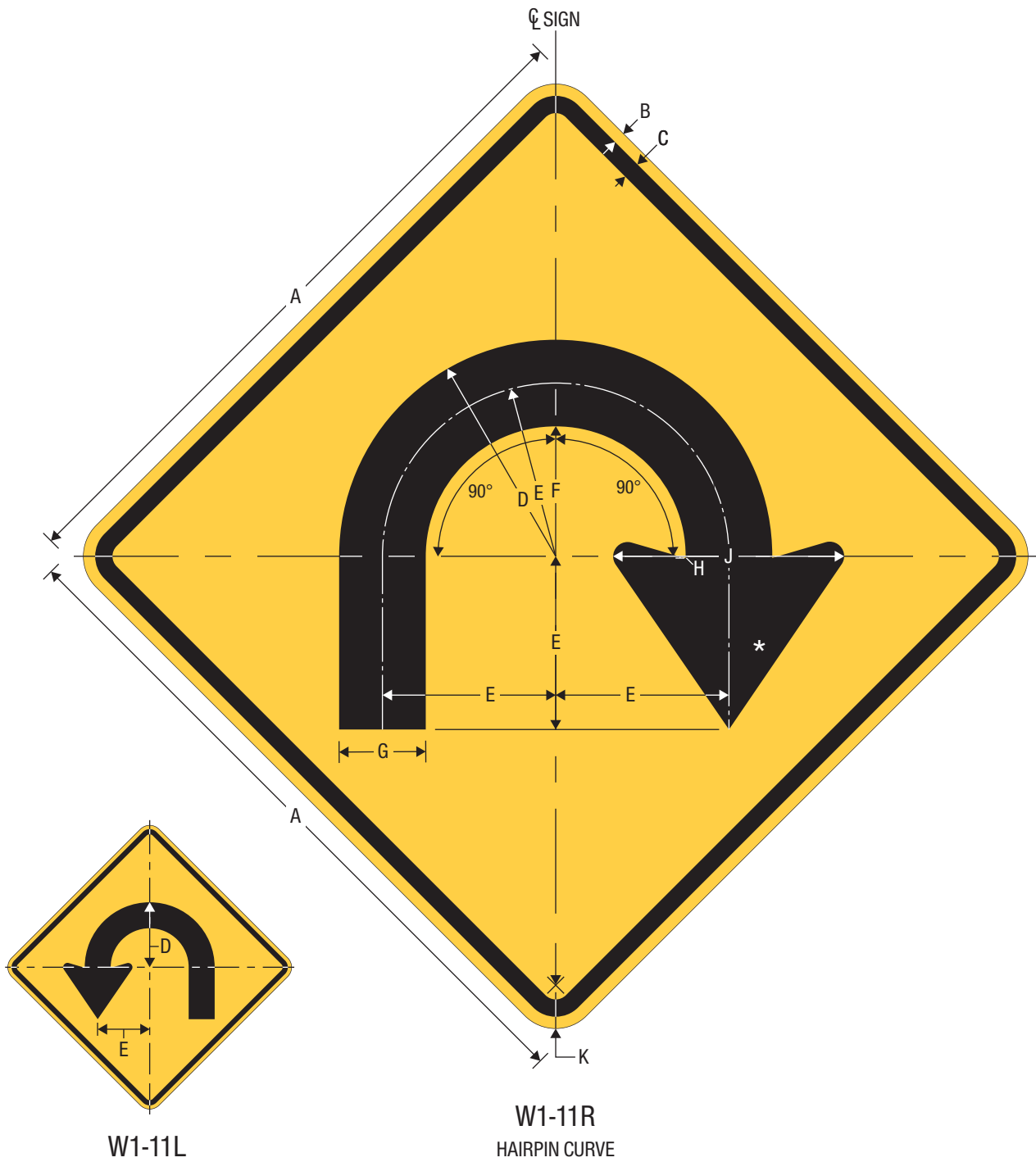
COMBINATION HORIZONTAL ALIGNMENT/INTERSECTION

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
36	0.625	0.875	16.875	4.875	0.125	5.063	5.017	7.875	4.5
48	0.75	1.25	22.5	6.5	0.167	6.75	6.690	10.5	6

L	M	N	P	Q	R	S	T	U
2	4.75	13.5	6.75	9.116	3	9.608	7.241	2.25
2.667	6.333	18	9	12.155	4	12.810	9.655	3

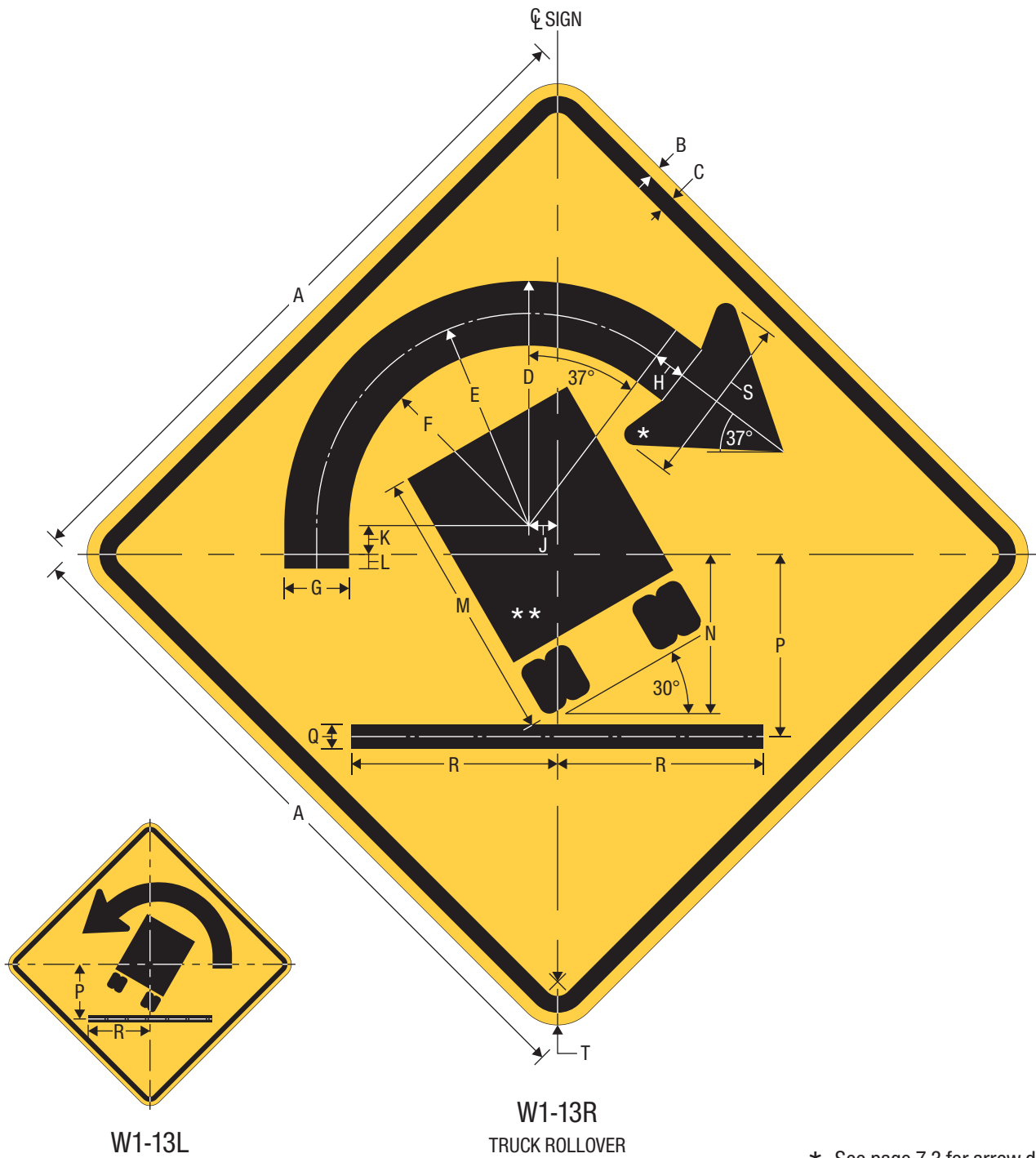
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
30	0.5	0.75	9.375	7.5	5.625	3.75	0.078	10	1.875
36	0.625	0.875	11.25	9	6.75	4.5	0.094	12	2.25
48	0.75	1.25	15	12	9	6	0.125	16	3

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

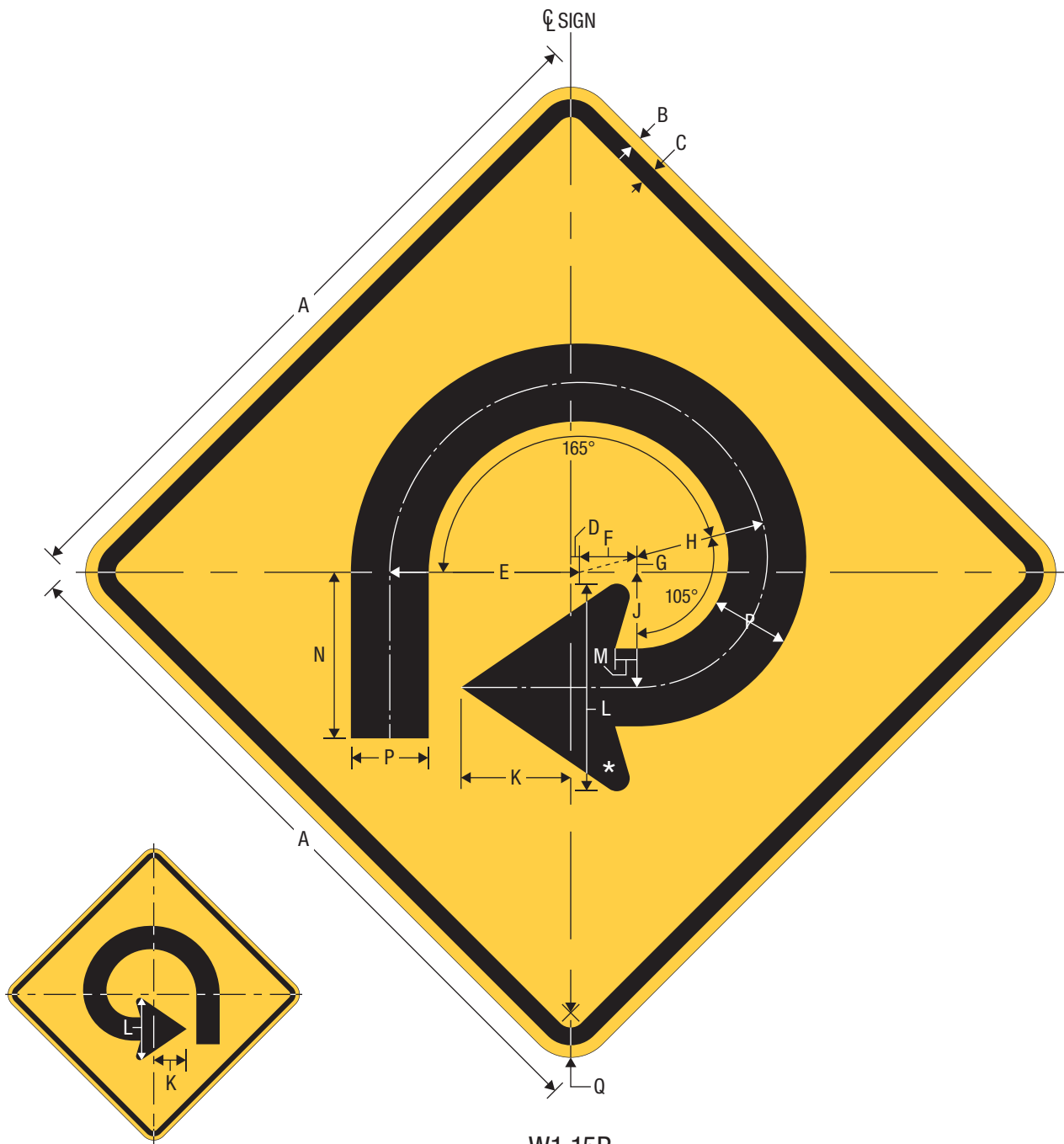


* See page 7-3 for arrow design.
** See page 8-74 for symbol design.

A	B	C	D	E	F	G	H	J
36	0.625	0.875	12.751	11.063	9.376	3.375	1.635	1.5
48	0.75	1.25	17	14.75	12.50	4.5	2.179	2

K	L	M	N	P	Q	R	S	T
1.5	0.75	14.374	8.303	9.5	1.25	10.75	9	2.25
2	1	19.166	11.070	12.667	1.667	14.333	12	3

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



W1-15L

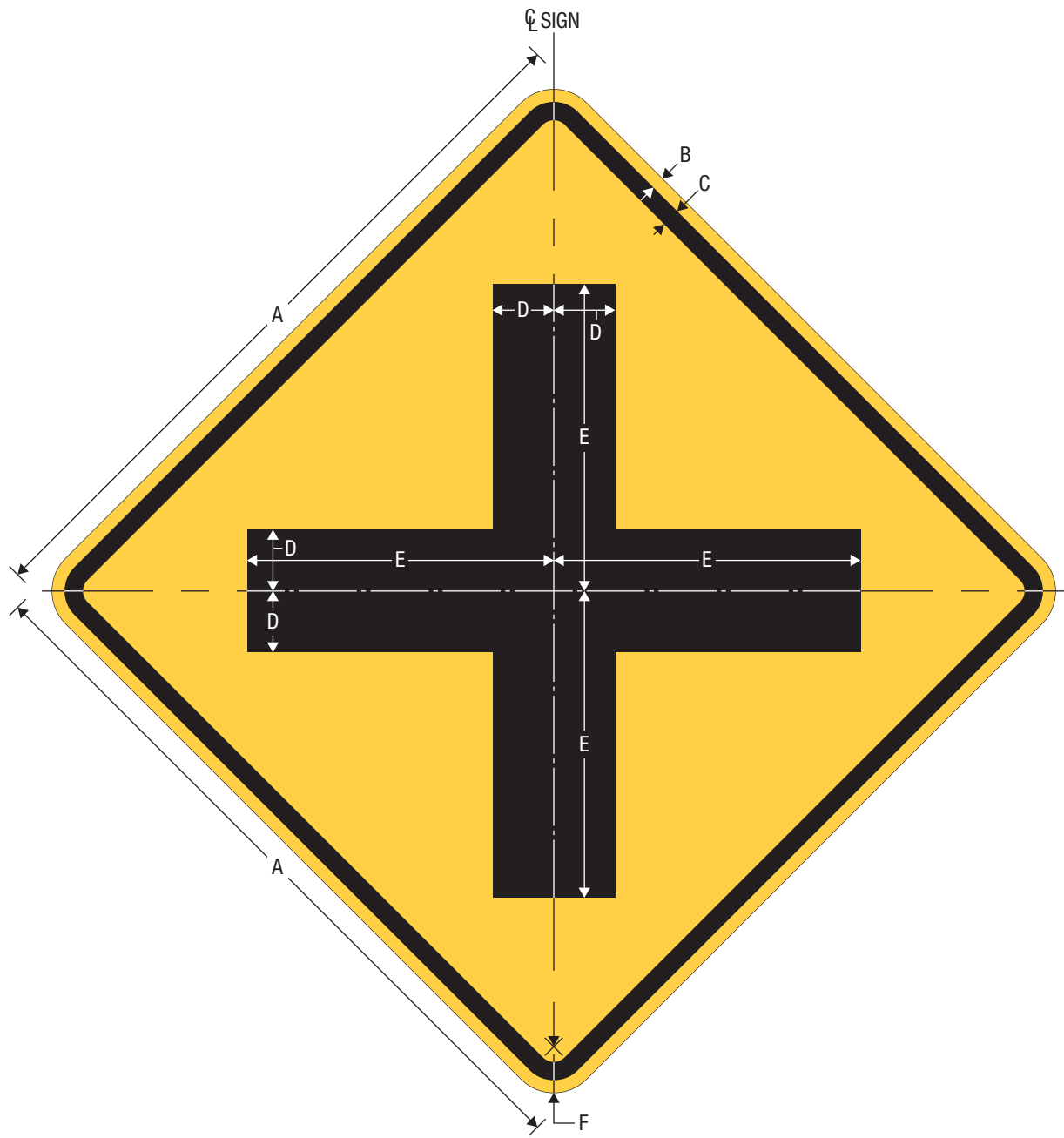
W1-15R
270-DEGREE CURVE

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H
30	0.5	0.75	0.375	8	2.415	0.647	5.500
36	0.625	0.875	0.450	9.600	2.898	0.776	6.600
48	0.75	1.25	0.6	12.800	3.864	1.035	8.800

J	K	L	M	N	P	Q
4.853	4.623	8.75	0.920	7	3.281	1.875
5.824	5.526	10.5	1.105	8.400	3.938	2.25
7.765	7.396	14	1.473	11.200	5.25	3

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

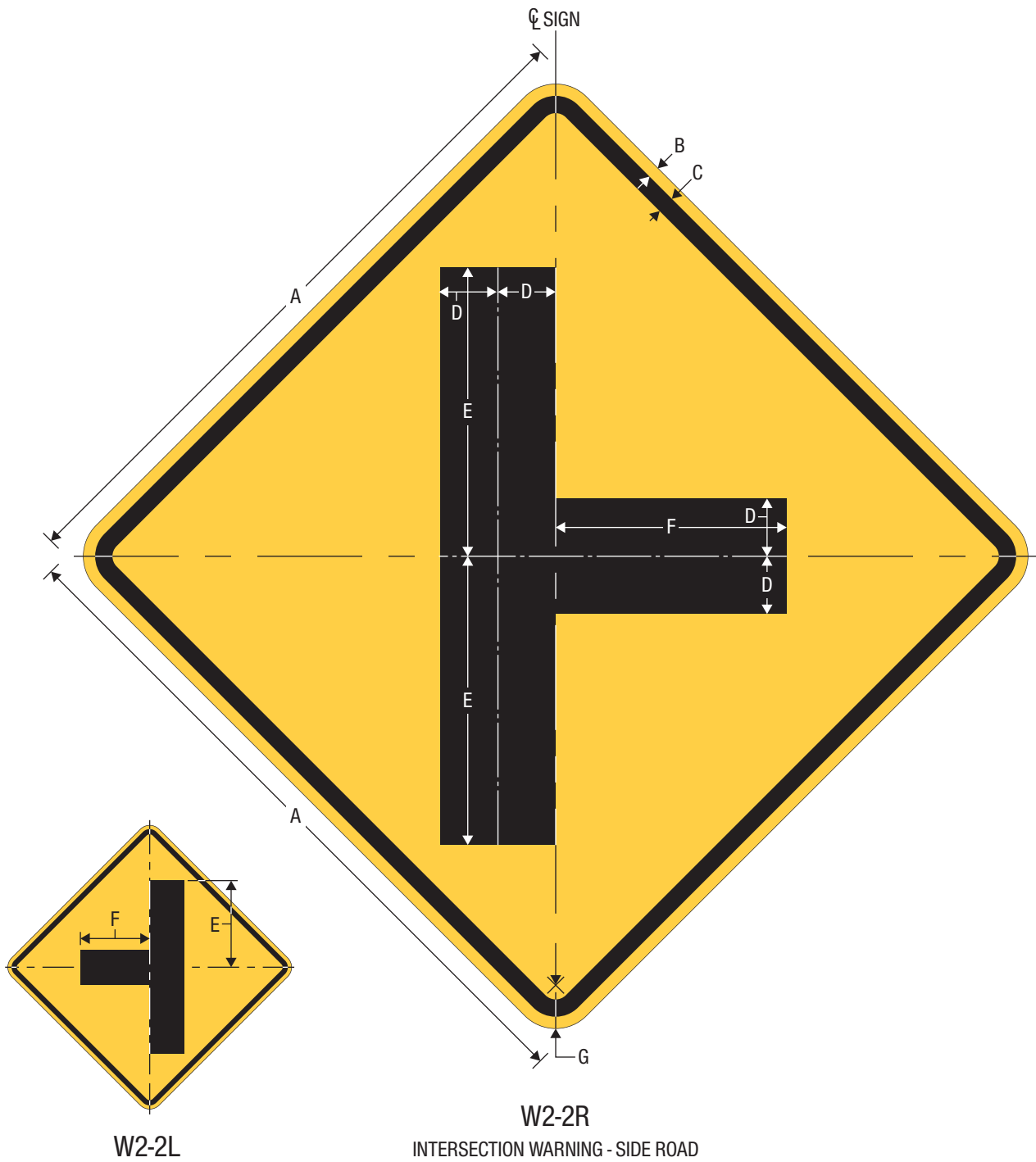


W2-1

INTERSECTION WARNING - CROSSROAD

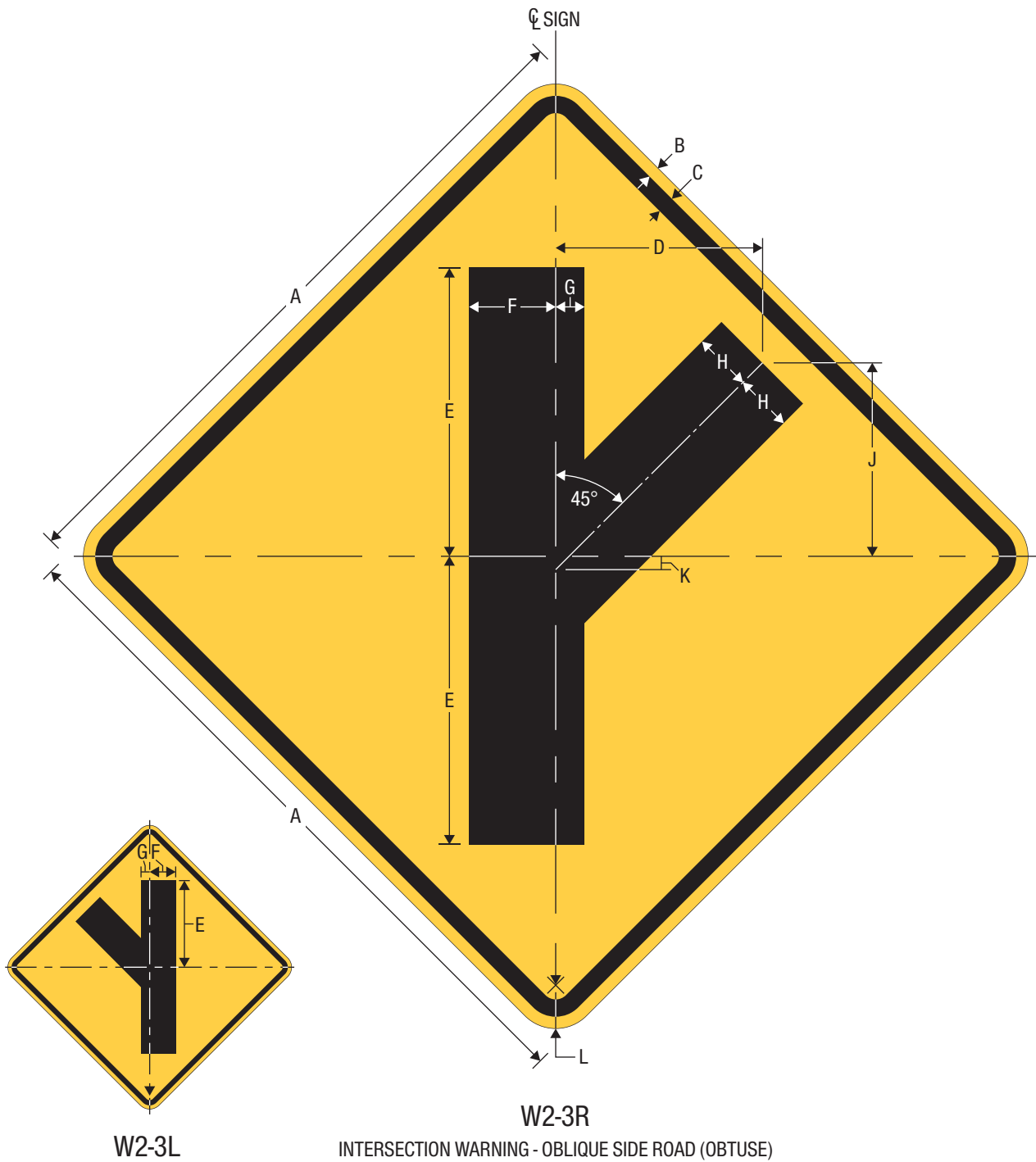
A	B	C	D	E	F
18	0.375	0.625	1.5	7.5	1.5
24	0.375	0.625	2	10	1.5
30	0.5	0.75	2.5	12.5	1.875
36	0.625	0.875	3	15	2.25
48	0.75	1.25	4	20	3

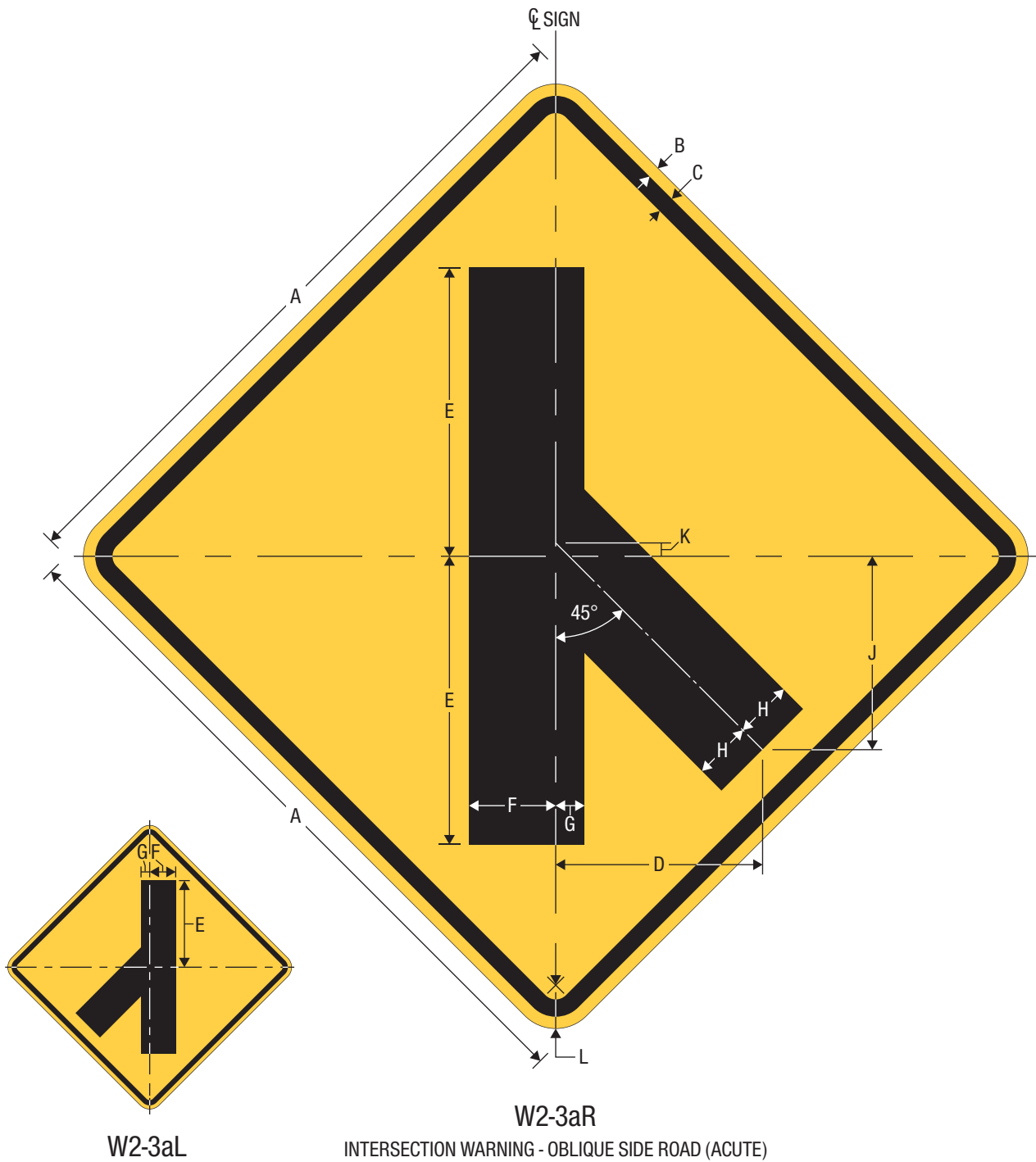
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



A	B	C	D	E	F	G
18	0.375	0.625	1.5	7.5	6	1.5
24	0.375	0.625	2	10	8	1.5
30	0.5	0.75	2.5	12.5	10	1.875
36	0.625	0.875	3	15	12	2.25
48	0.75	1.25	4	20	16	3

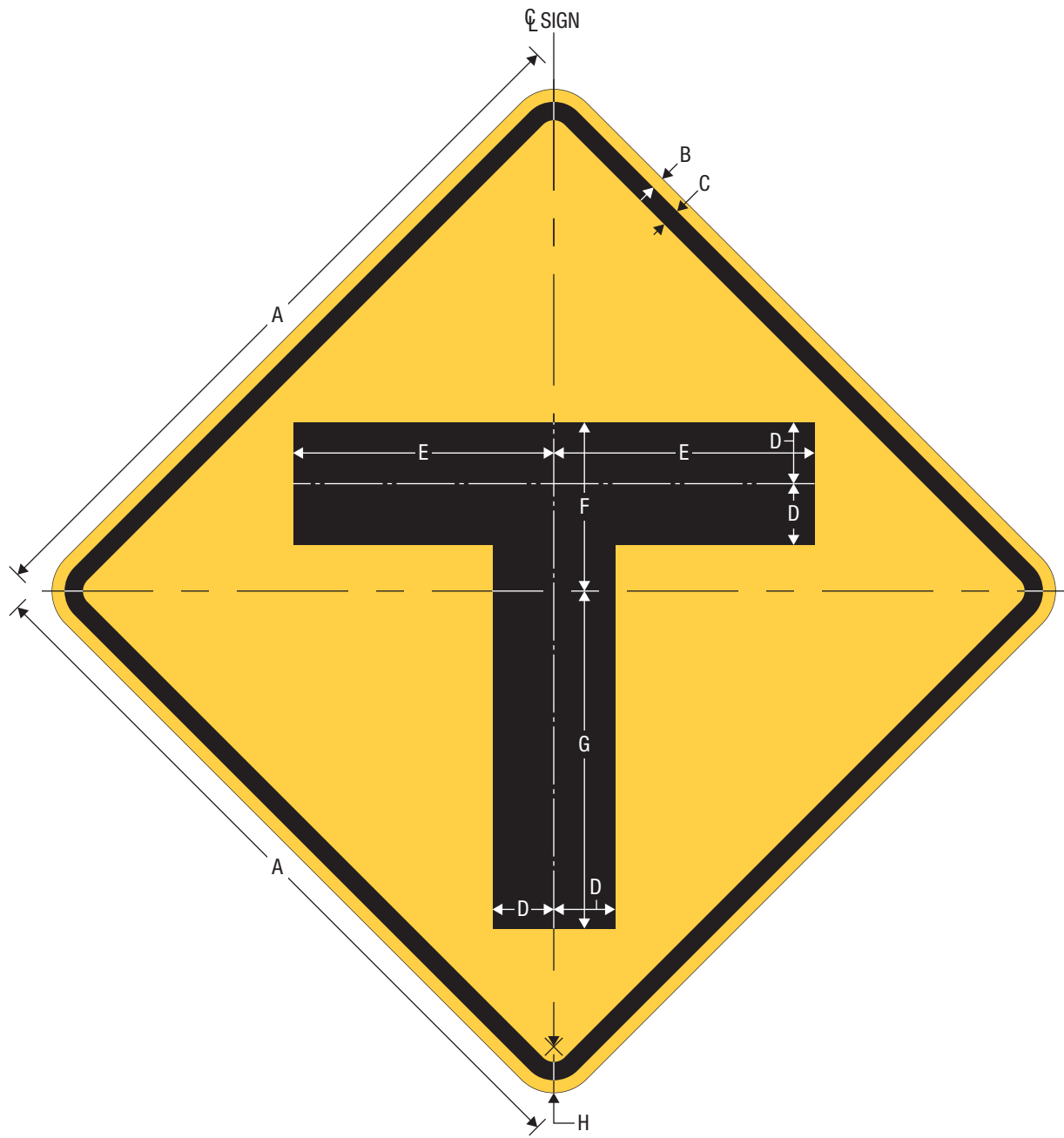
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)





A	B	C	D	E	F	G	H	J	K	L
18	0.375	0.625	5.400	7.5	2.25	0.75	1.5	4.987	0.413	1.5
24	0.375	0.625	7.200	10	3	1	2	6.650	0.550	1.5
30	0.5	0.75	9	12.5	3.75	1.25	2.5	8.313	0.688	1.875
36	0.625	0.875	10.800	15	4.5	1.5	3	9.975	0.825	2.25
48	0.75	1.25	14.400	20	6	2	4	13.300	1.100	3

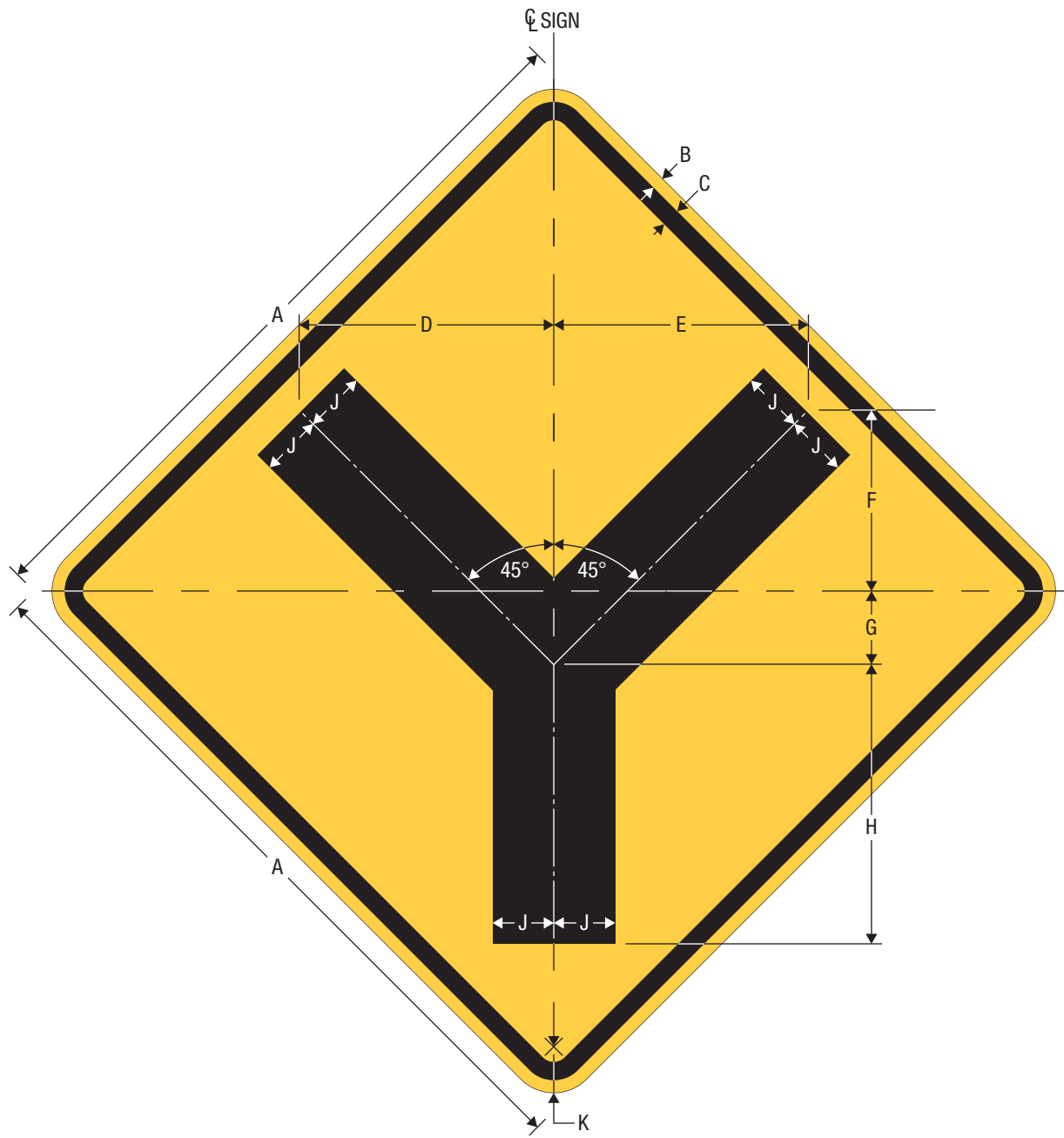
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W2-4
INTERSECTION WARNING - T-INTERSECTION

A	B	C	D	E	F	G	H
18	0.375	0.625	1.5	6.375	4.125	8.25	1.5
24	0.375	0.625	2	8.5	5.5	11	1.5
30	0.5	0.75	2.5	10.625	6.875	13.75	1.875
36	0.625	0.875	3	12.75	8.25	16.5	2.25
48	0.75	1.25	4	17	11	22	3

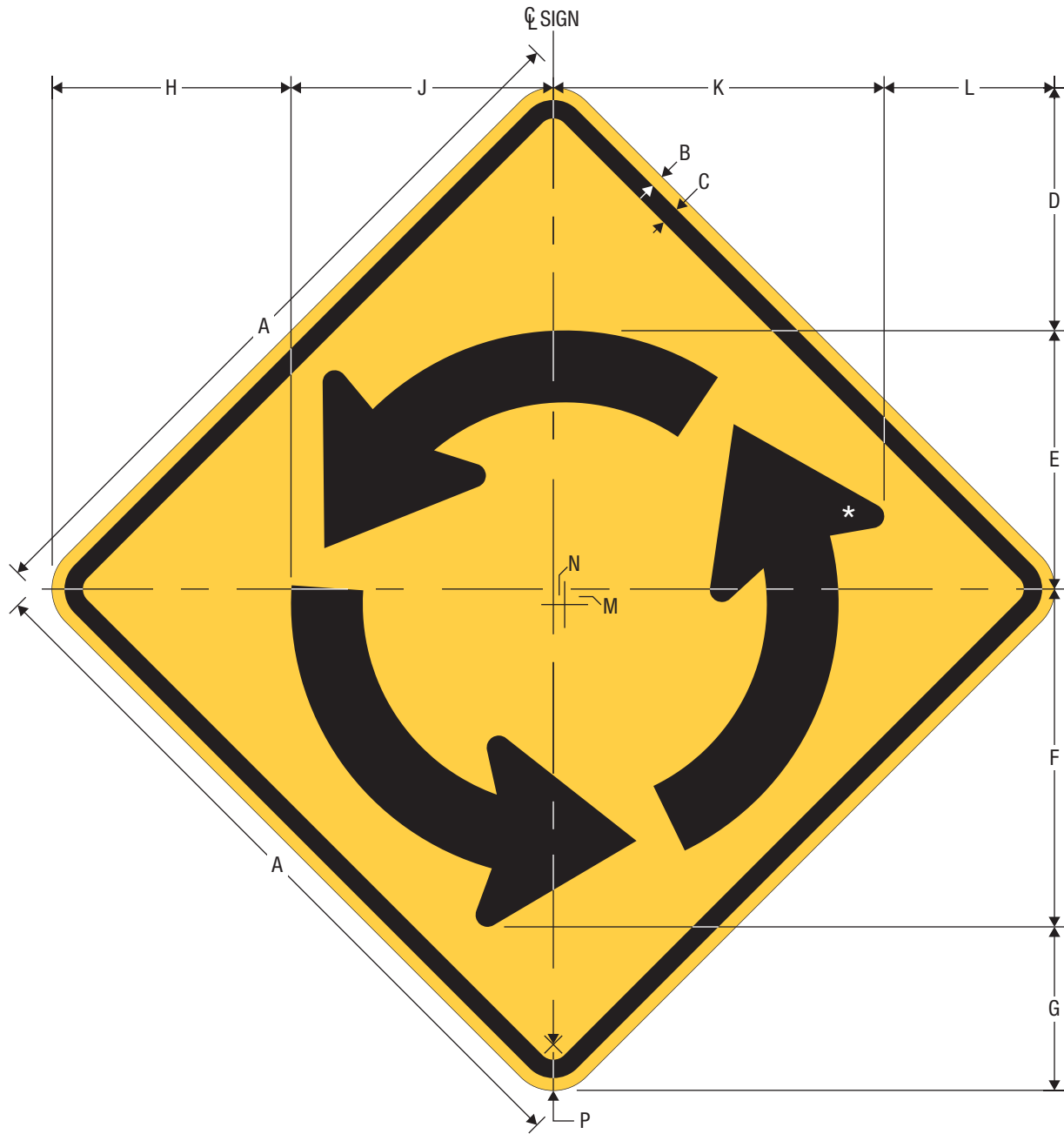
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W2-5
INTERSECTION WARNING - Y-INTERSECTION

A	B	C	D	E	F	G	H	J	K
18	0.375	0.625	6.188	6.187	4.422	1.797	6.828	1.5	1.5
24	0.375	0.625	8.25	8.25	5.906	2.406	9.094	2	1.5
30	0.5	0.75	10.313	10.312	7.375	3	11.375	2.5	1.875
36	0.625	0.875	12.375	12.375	8.844	3.594	13.656	3	2.25
48	0.75	1.25	16.5	16.5	11.813	4.812	18.188	4	3

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

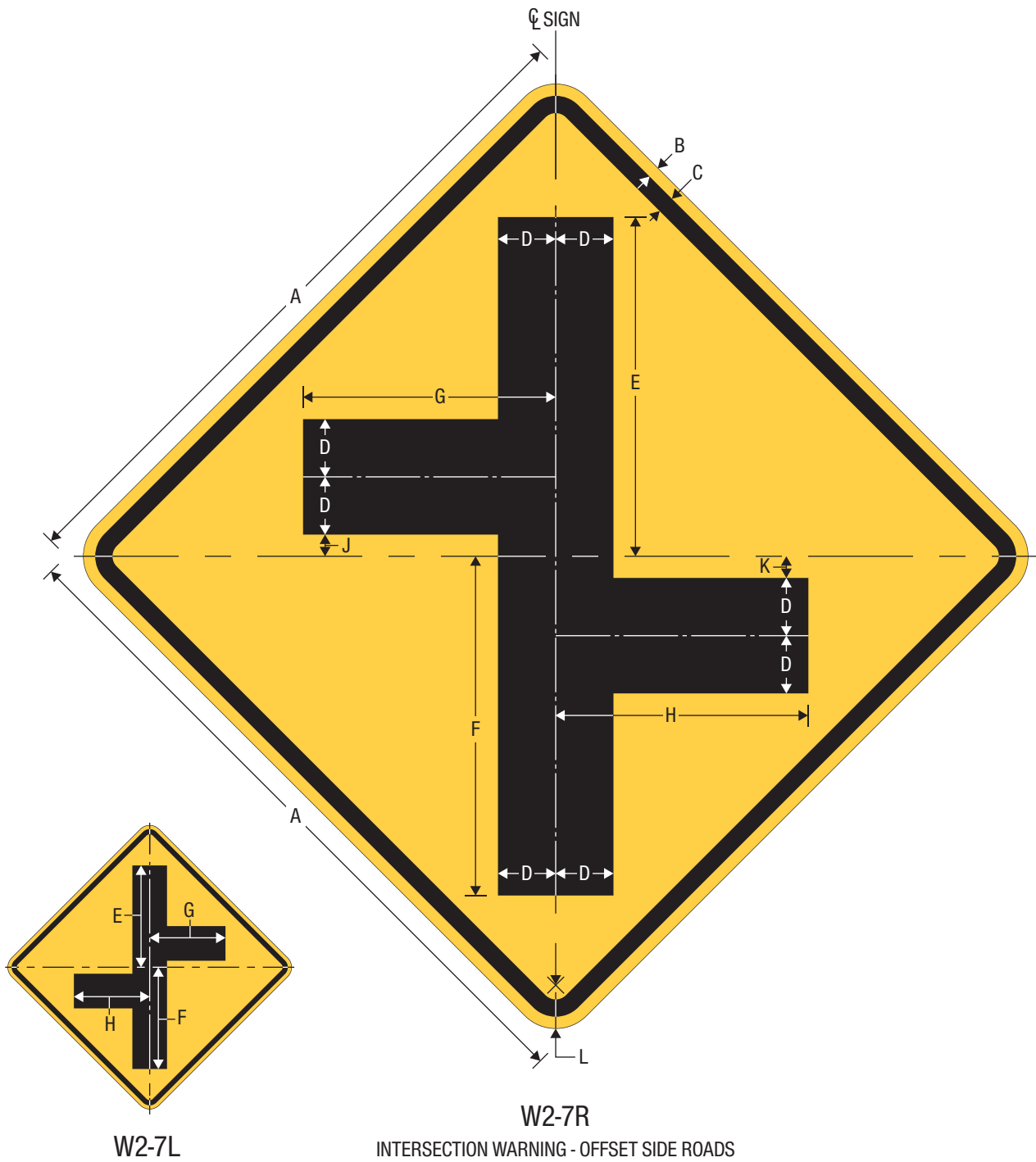


W2-6
INTERSECTION WARNING - CIRCULAR

* See page 8-50 for symbol design.

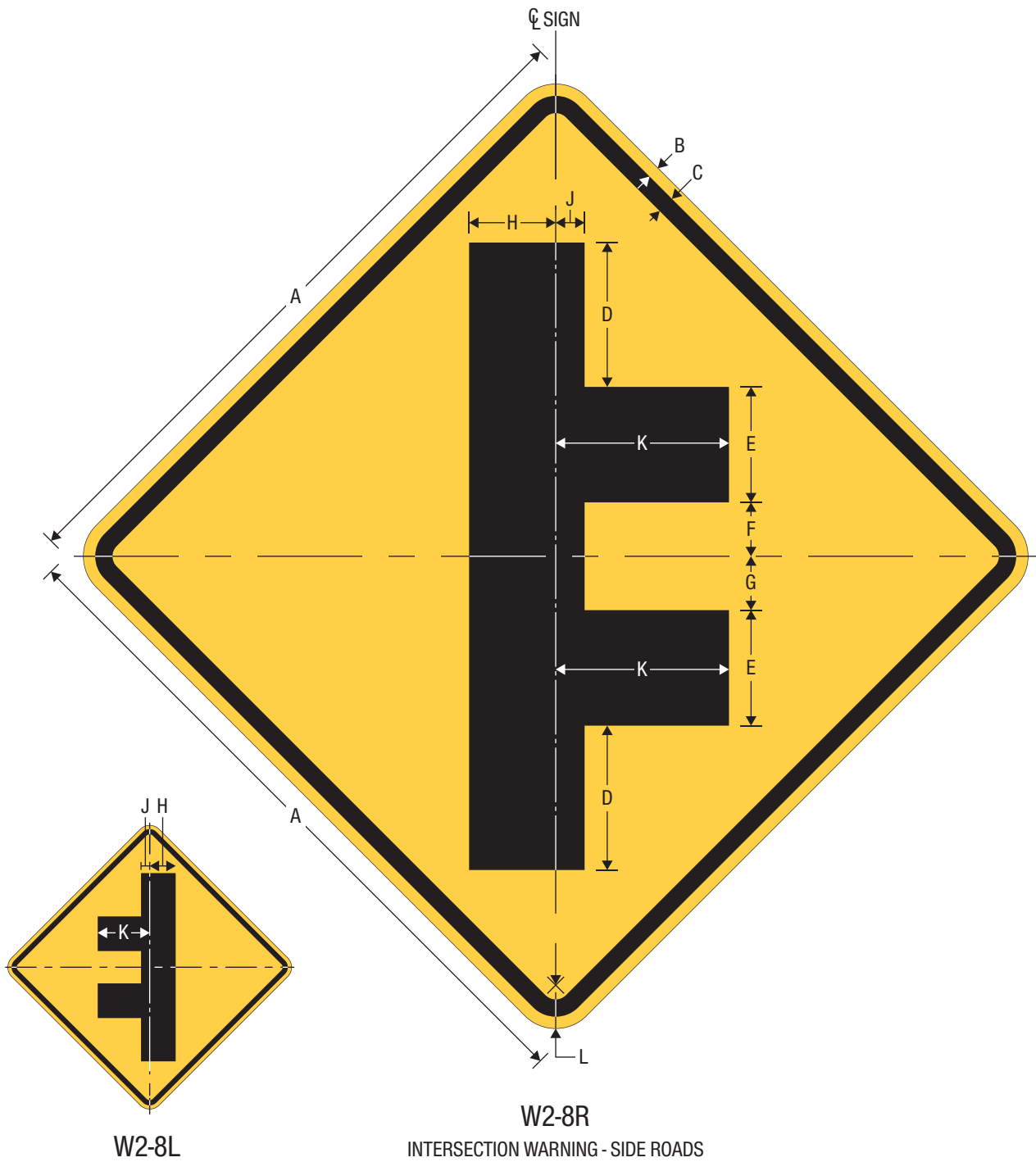
A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	0.375	0.625	7.915	8.434	11.017	5.332	7.790	8.559	10.796	5.553	0.5	0.375	1.5
30	0.5	0.75	9.894	10.542	13.772	6.665	9.738	10.699	13.495	6.942	0.625	0.469	1.875
36	0.625	0.875	11.873	12.651	16.526	7.998	11.685	12.838	16.194	8.330	0.75	0.563	2.25
48	0.75	1.25	15.831	16.868	22.035	10.664	15.581	17.118	21.592	11.107	1	0.75	3

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



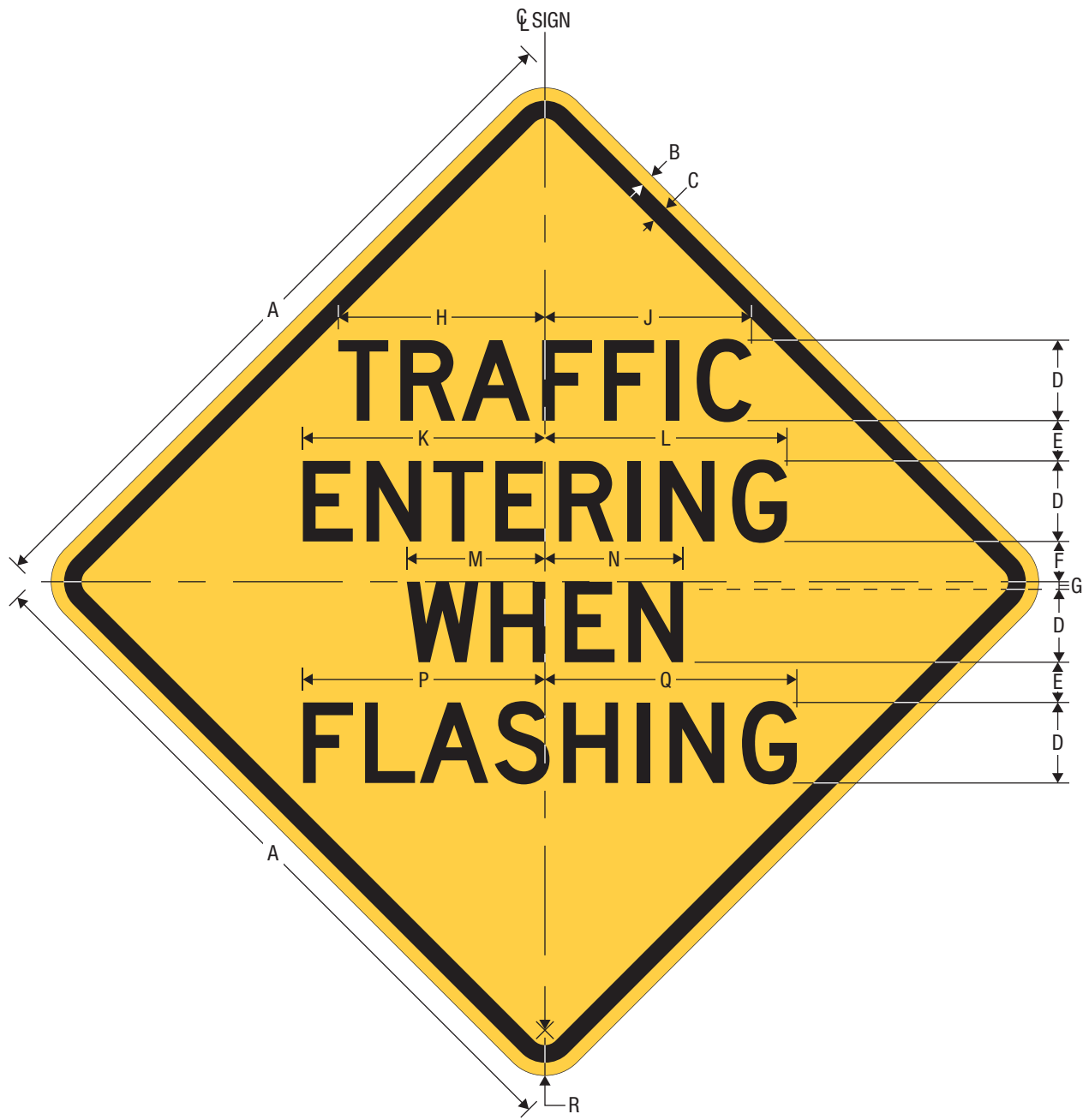
A	B	C	D	E	F	G	H	J	K	L
24	0.375	0.625	2	11.75	11.75	8.75	8.75	0.75	0.75	1.5
30	0.5	0.75	2.5	14.688	14.687	10.938	10.937	0.938	0.937	1.875
36	0.625	0.875	3	17.625	17.625	13.125	13.125	1.125	1.125	2.25
48	0.75	1.25	4	21.5	21.5	16	16	1.5	1.5	3

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



A	B	C	D	E	F	G	H	J	K	L
24	0.375	0.625	5	4	1.875	1.875	3	1	6	1.5
30	0.5	0.75	6.25	5	2.344	2.343	3.75	1.25	7.5	1.875
36	0.625	0.875	7.5	6	2.813	2.812	4.5	1.5	9	2.25
48	0.75	1.25	10	8	3.75	3.75	6	2	12	3

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



W2-10

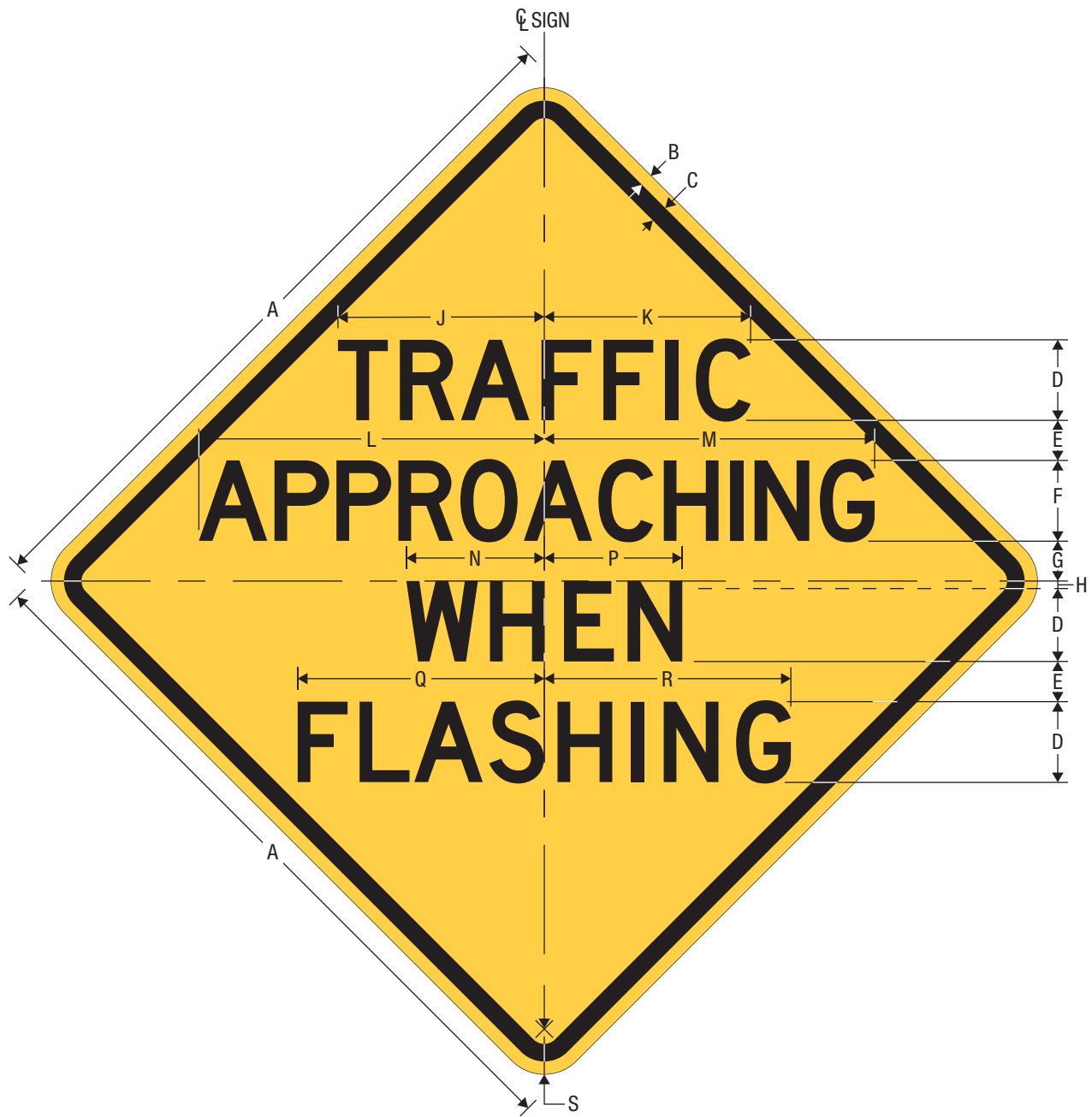
TRAFFIC ENTERING WHEN FLASHING

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H
36	0.625	0.875	4 D	2	2	0	10.266
48	0.75	1.25	6 C*	3	2.75	0.25	11.960

J	K	L	M	N	P	Q	R
10.265	12.028	12.027	6.865	6.864	12.018	12.518	2.25
12.709	14.265	15.014	8.446	8.446	14.391	15.140	3

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



W2-11

TRAFFIC APPROACHING WHEN FLASHING

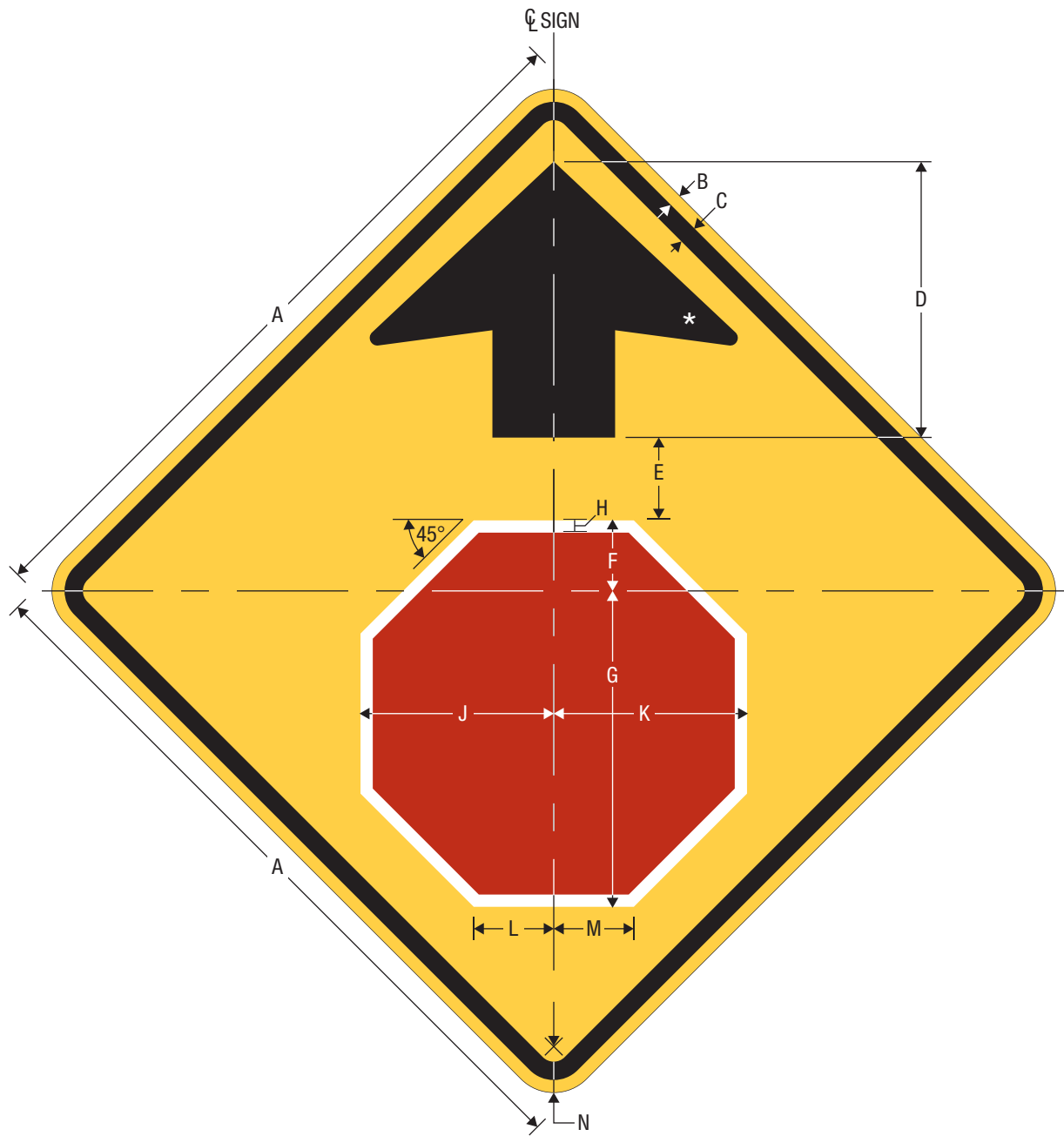
* Reduce Spacing 40%.

** Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J
36	0.625	0.875	4 D	2	4 D*	2	0	10.266
48	0.75	1.25	6 C**	3	6 C**	2.75	0.25	11.960

K	L	M	N	P	Q	R	S
10.265	17.185	16.434	6.865	6.864	12.268	12.268	2.25
12.709	22.546	21.545	8.446	8.446	14.266	15.265	3

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



W3-1
STOP AHEAD

* See page 7-6 for arrow design.

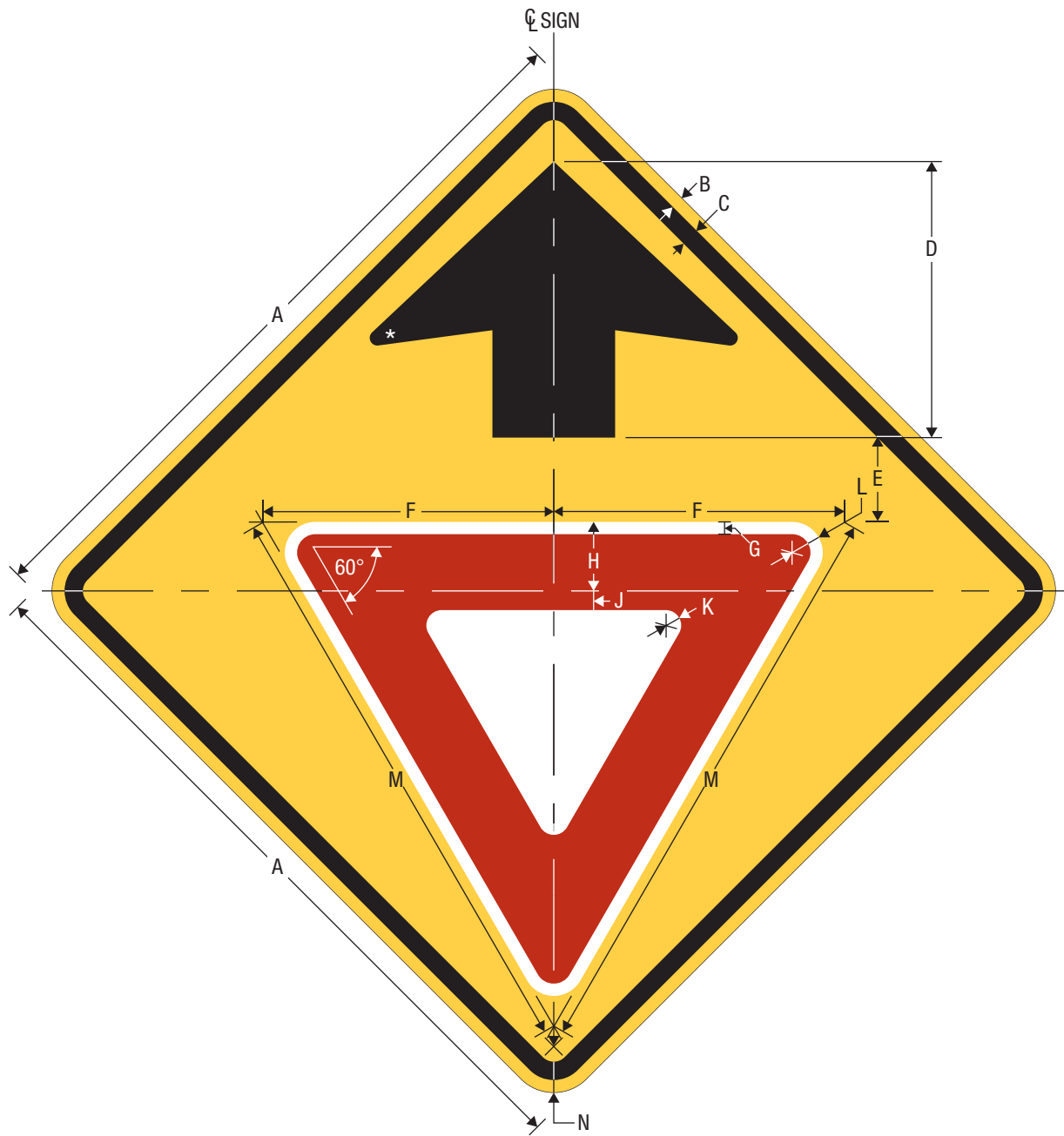
A	B	C	D	E	F	G	H	J	K	L	M	N
18	0.375	0.625	6.75	2	1.75	7.75	0.313	4.75	4.75	1.968	1.967	1.5
30	0.5	0.75	11.25	3.375	2.875	12.875	0.5	7.875	7.875	3.262	3.262	1.875
36	0.625	0.875	13.5	4.125	3.375	15.625	0.625	9.5	9.5	3.935	3.935	2.25
48	0.75	1.25	18	5.5	4.5	20.625	0.75	12.563	12.562	5.204	5.203	3

WARNING SIGN

COLORS: ARROW, BORDER — BLACK
 SYMBOL — RED (RETROREFLECTIVE)
 SYMBOL BORDER — WHITE (RETROREFLECTIVE)
 BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN

COLORS: ARROW, BORDER — BLACK
 SYMBOL — RED (RETROREFLECTIVE)
 SYMBOL BORDER — WHITE (RETROREFLECTIVE)
 BACKGROUND — ORANGE (RETROREFLECTIVE)



W3-2
YIELD AHEAD

* See page 7-6 for arrow design.

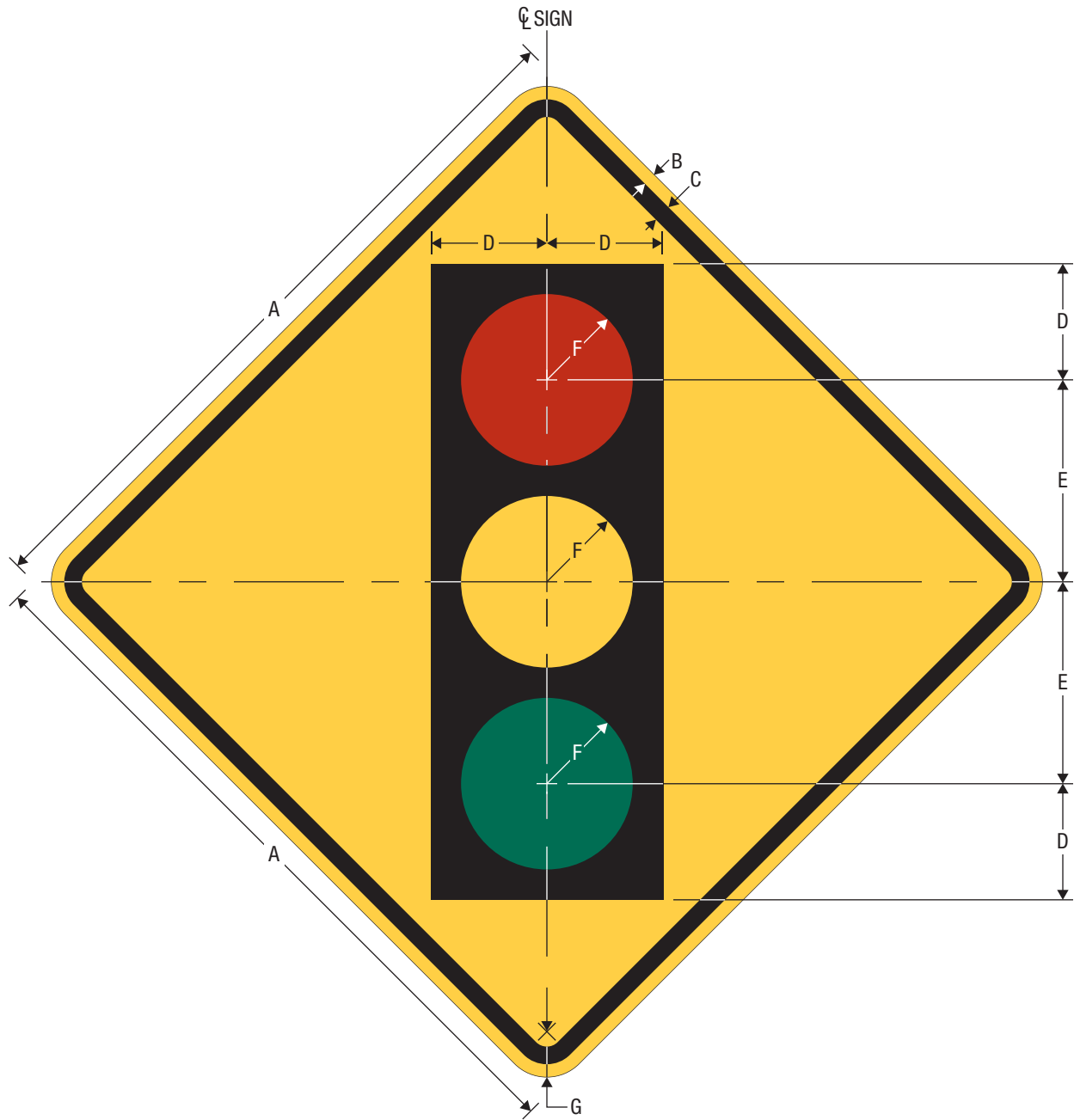
A	B	C	D	E	F	G	H	J	K	L	M	N
18	0.375	0.625	6.75	2.063	7.125	0.313	1.688	0.469	0.375	0.75	14.25	1.5
30	0.5	0.75	11.25	3.438	11.875	0.5	2.813	0.781	0.625	1.25	23.75	1.875
36	0.625	0.875	13.5	4.125	14.25	0.625	3.375	0.938	0.75	1.375	28.5	2.25
48	0.75	1.25	18	5.5	19	0.75	4.5	1.25	1	1.875	38	3

WARNING SIGN

COLORS: ARROW, BORDER — BLACK
 SYMBOL — RED (RETROREFLECTIVE)
 SYMBOL BORDER — WHITE (RETROREFLECTIVE)
 BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN

COLORS: ARROW, BORDER — BLACK
 SYMBOL — RED (RETROREFLECTIVE)
 SYMBOL BORDER — WHITE (RETROREFLECTIVE)
 BACKGROUND — ORANGE (RETROREFLECTIVE)



W3-3
SIGNAL AHEAD

A	B	C	D	E	F	G
18	0.375	0.625	3	5	2.25	1.5
30	0.5	0.75	5	8.75	3.75	1.875
36	0.625	0.875	5.75	10	4.25	2.25
48	0.75	1.25	7.5	12.5	5	3

WARNING SIGN

COLORS: LEGEND, BORDER — BLACK
 TOP CIRCLE — RED (RETROREFLECTIVE)
 MIDDLE CIRCLE — YELLOW (RETROREFLECTIVE)
 BOTTOM CIRCLE — GREEN (RETROREFLECTIVE)
 BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN

COLORS: LEGEND, BORDER — BLACK
 TOP CIRCLE — RED (RETROREFLECTIVE)
 MIDDLE CIRCLE — YELLOW (RETROREFLECTIVE)
 BOTTOM CIRCLE — GREEN (RETROREFLECTIVE)
 BACKGROUND — ORANGE (RETROREFLECTIVE)



W3-4
BE PREPARED TO STOP

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
30	0.5	0.75	5 C	2.75	4.25	0.75	3.102	3.101	14.005	6.103	3	2.026	11.129	1.875
36	0.625	0.875	6 C	3.5	5	1	3.722	3.721	16.806	7.323	3.5	2.482	13.304	2.25
48	0.75	1.25	8 C	4.75	6.75	1.25	4.962	4.962	22.408	9.764	4.5	3.392	17.656	3

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



W3-5
REDUCED SPEED LIMIT AHEAD

* See page 7-6 for arrow design.
** Optically space numerals
about centerline.

A	B	C	D	E	F	G	H	J	K
30	0.5	0.75	10	2.5	0.5	1.625	2.5 E	0.875	10 C
36	0.625	0.875	12	3	1	2	3 E	1	12 C
48	0.75	1.25	16	4	1.5	2.25	4 E	1.25	15 C

L	M	N	P	Q	R	S	T	U	V
0.313	0.5	1.875	5.877	5.877	4.576	4.575	VAR**	7.5	1.875
0.375	0.625	2.25	7.053	7.052	5.491	5.491	VAR**	9	2.25
0.375	0.625	3	9.403	9.403	7.321	7.321	VAR**	12	3

WARNING SIGN

COLORS: LEGEND, ARROW, BORDER — BLACK
INNER PANEL BACKGROUND — WHITE (RETROREFLECTIVE)
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN

COLORS: LEGEND, ARROW, BORDER — BLACK
INNER PANEL BACKGROUND — WHITE (RETROREFLECTIVE)
BACKGROUND — ORANGE (RETROREFLECTIVE)



W3-5a
XX MPH SPEED ZONE AHEAD

A	B	C	D	E	F	G	H
30	0.5	0.75	4 C	3	2	VAR	2.25
36	0.625	0.875	5 C	3.625	2.5	VAR	3
48	0.75	1.25	7 C	4.625	3.5	VAR	3.25

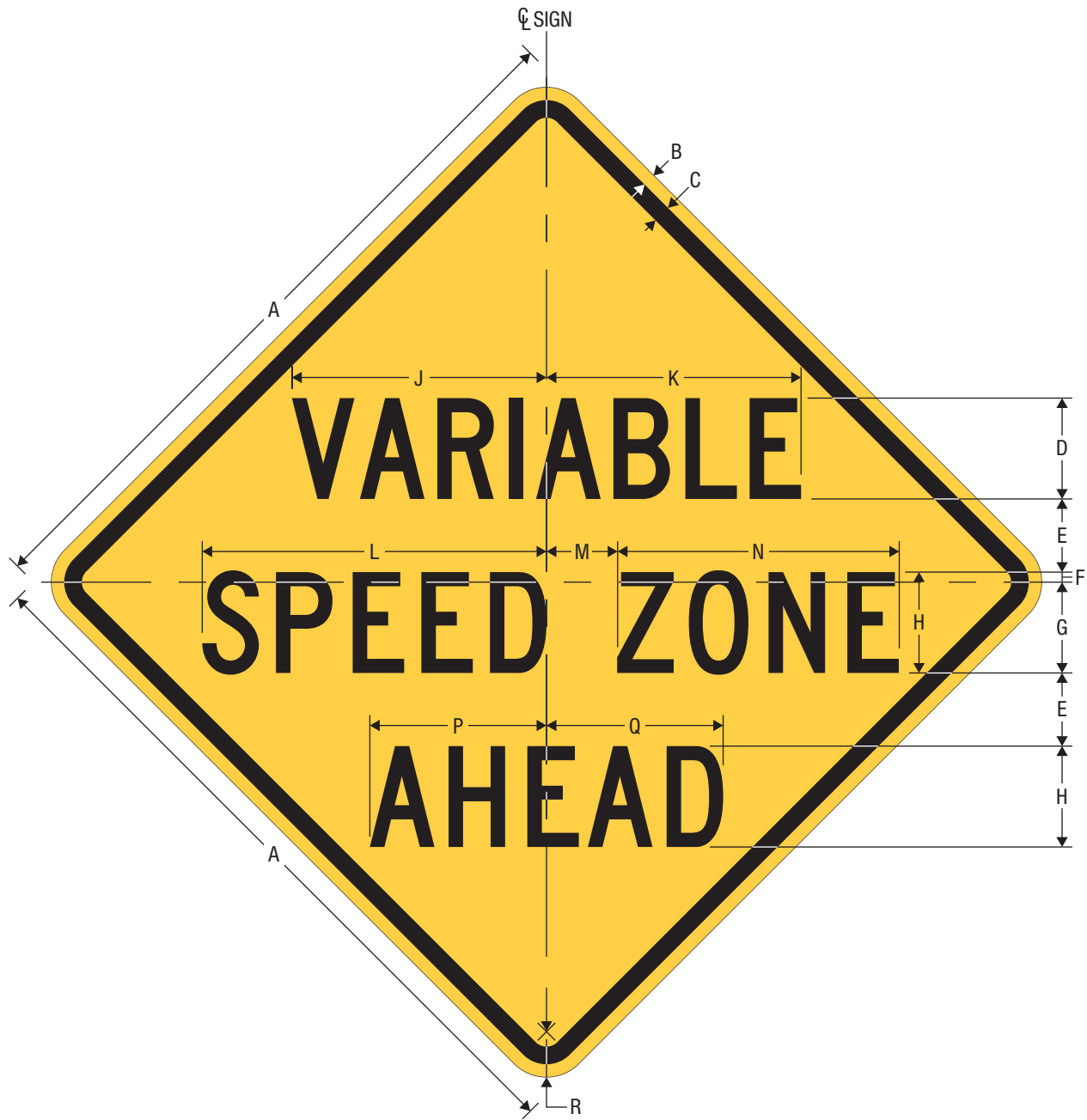
J	K	L	M	N	P	Q
8.804	13.645	2.5	11.164	7.003	7.002	1.875
11.005	17.056	3.125	13.955	8.753	8.753	2.25
15.407	23.879	4.25	19.537	12.255	12.254	3

WARNING SIGN

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

TTC SIGN

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



W3-5b
VARIABLE SPEED ZONE AHEAD

* Reduce Spacing 10%.
** Reduce Spacing 20%.

A	B	C	D	E	F	G	H
30	0.5	0.75	4 C*	3	0.5	3.5	4 C
36	0.625	0.875	5 C*	3.625	0.5	4.5	5 C
48	0.75	1.25	7 C**	4	1	6	7 C

J	K	L	M	N	P	Q	R
10.092	10.091	13.645	2.75	11.164	7.003	7.002	1.875
12.615	12.614	17.056	3.5	13.955	8.753	8.753	2.25
17.324	17.324	23.879	4.125	19.537	12.255	12.254	3

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

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



W3-5c

XX MPH TRUCK SPEED ZONE AHEAD

* Reduce Spacing 40%.

** Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J
30	0.5	0.75	4 C*	2	4 C	0.625	1.375	VAR
36	0.625	0.875	5 C*	2.5	5 C	0.75	1.75	VAR
48	0.75	1.25	6 D**	3	6 D	1.25	1.75	VAR

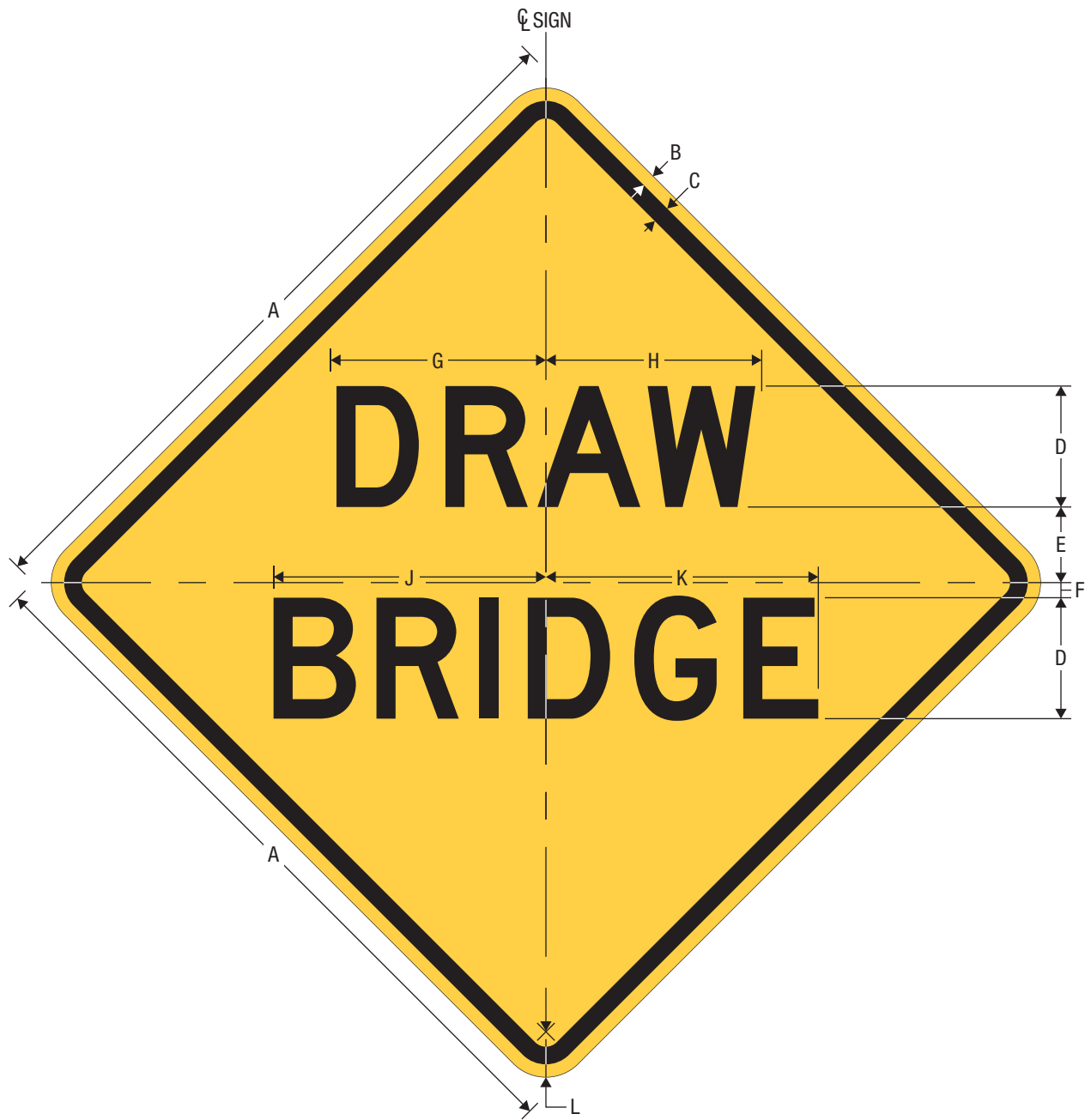
K	L	M	N	P	Q	R	S
8.132	6.923	6.922	12.509	10.252	6.281	6.780	1.875
10.165	8.654	8.653	15.636	12.815	7.913	8.413	2.25
14.724	12.369	12.369	22.865	19.082	12.037	13.036	3

WARNING SIGN

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

TTC SIGN

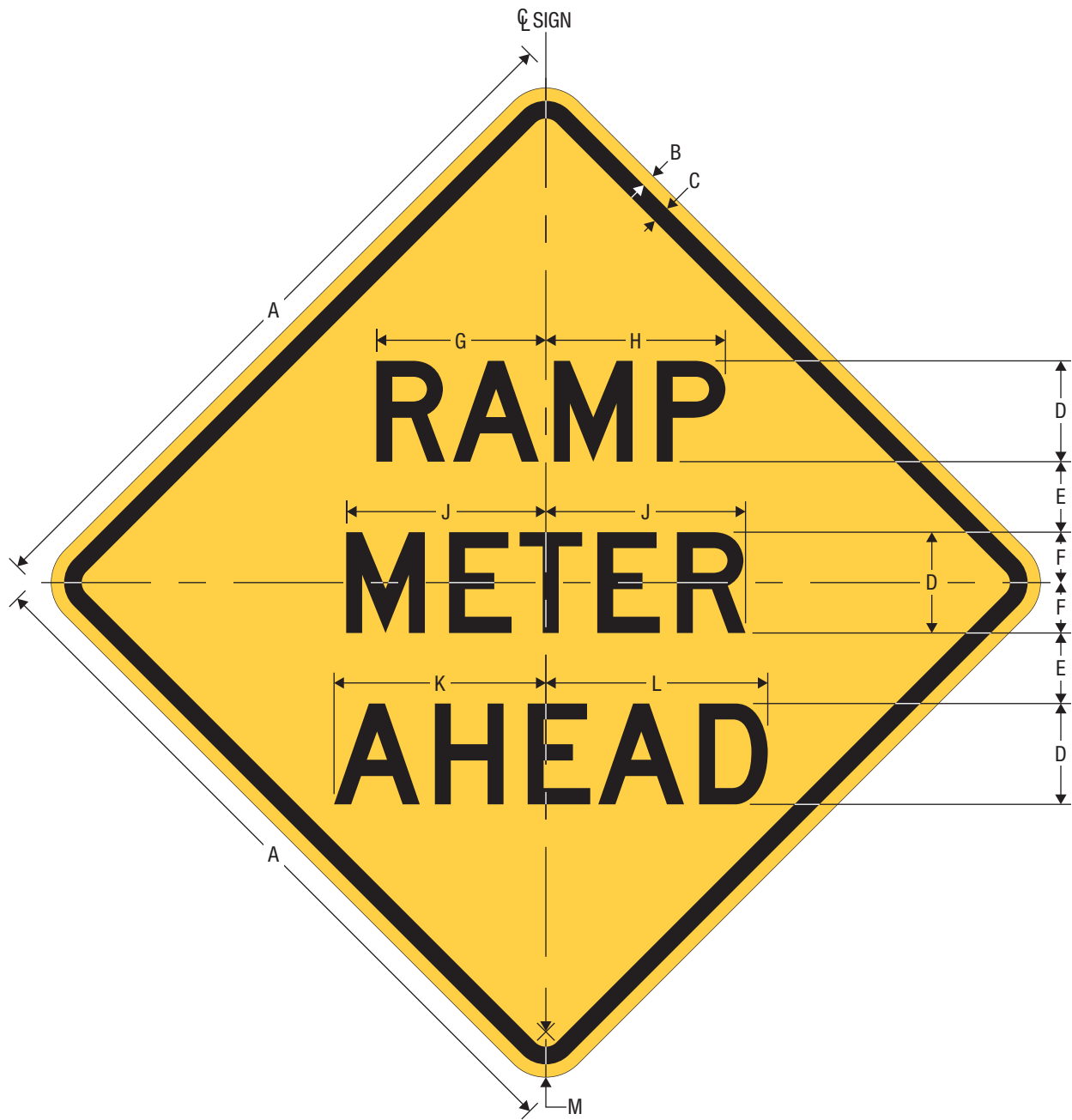
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W3-6
DRAW BRIDGE

A	B	C	D	E	F	G	H	J	K	L
36	0.625	0.875	6 D	3.75	0.75	10.388	10.387	13.510	13.510	2.25
48	0.75	1.25	8 D	4.5	1.5	13.850	13.850	18.013	18.013	3
60	0.75	1.25	10 D	5.25	2.25	17.313	17.312	22.517	22.516	3

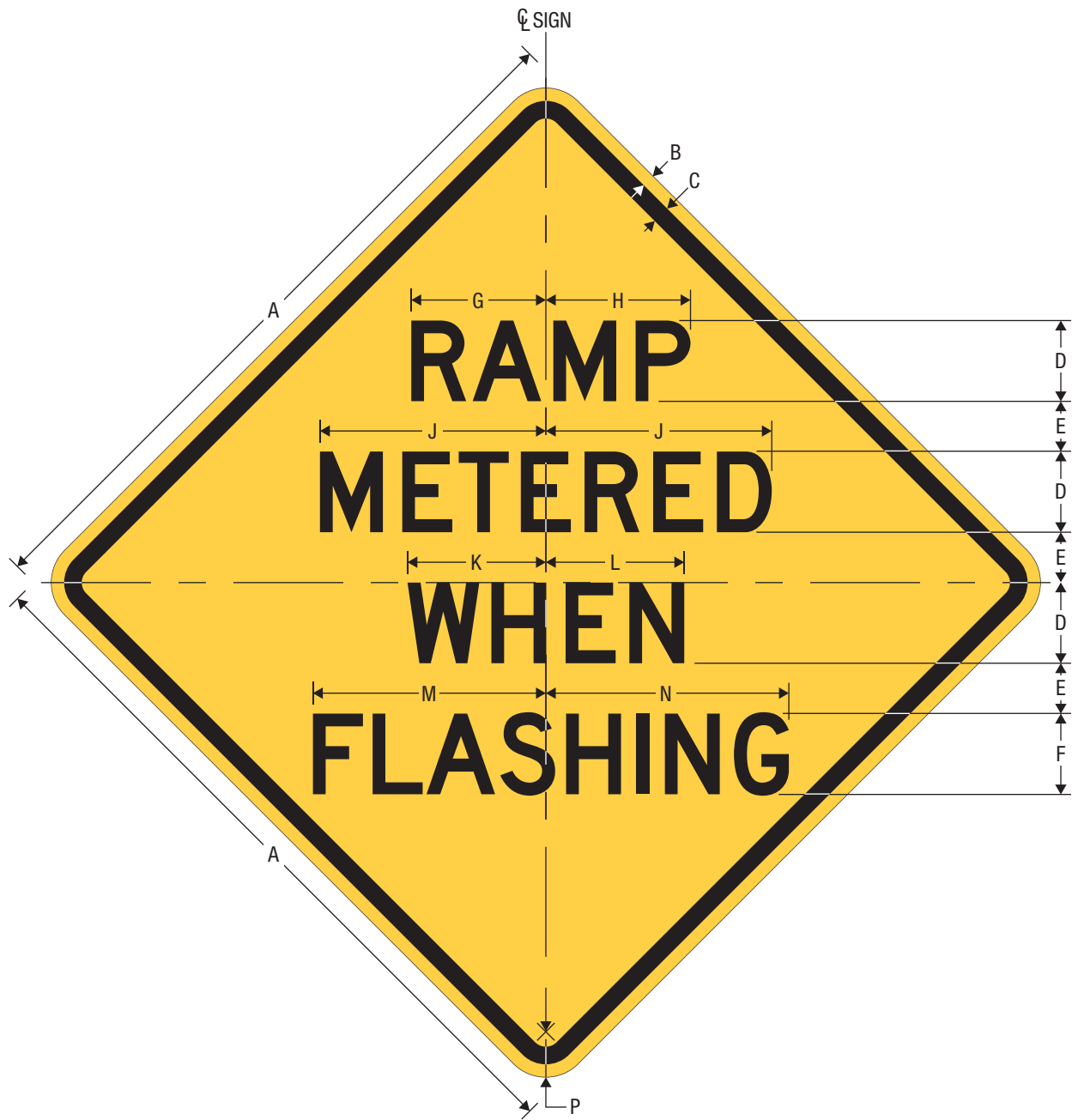
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W3-7
RAMP METER AHEAD

A	B	C	D	E	F	G	H	J	K	L	M
36	0.625	0.875	5 D	3.5	2.5	8.407	8.906	9.905	10.507	11.007	2.25

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



W3-8

RAMP METERED WHEN FLASHING

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
36	0.625	0.875	4 D	2.5	4 D*	6.675	7.175	11.206	6.865	6.864	11.554	12.054	2.25

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



W3-9

TRAFFIC USING SHOULDER

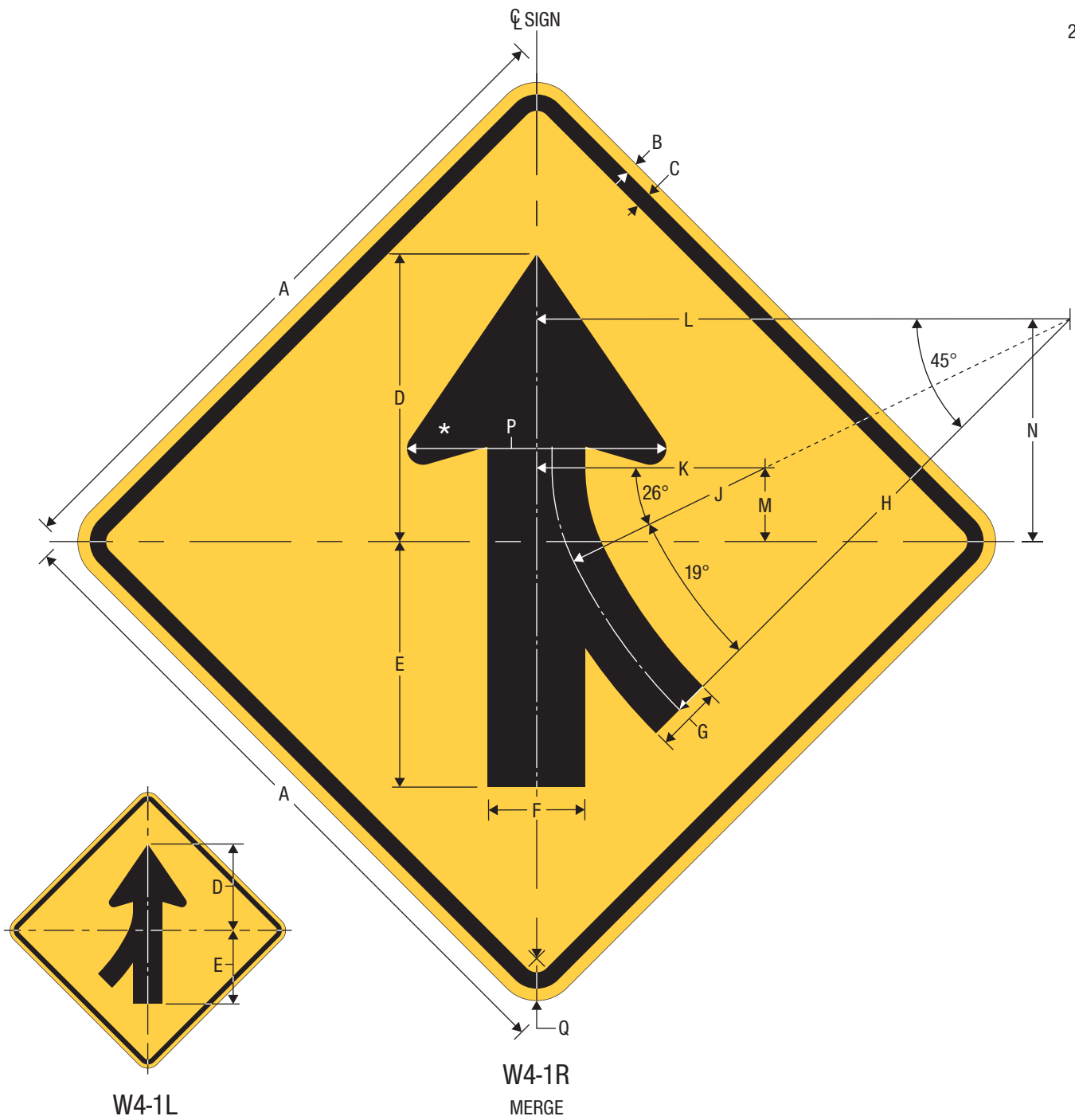
* Reduce Spacing 40%.

** Optically center about centerline.

A	B	C	D	E	F	G	H	J	K	L
36	48	0.625	0.875	4.5	6 C	3.25	6 C*	3.75	4 D	2.75
48	60	0.75	1.25	5.75	8 C	4	8 C*	4.5	5 D	3

M	N	P	Q	R	S	T	U	V	W	X
4.5	12.845	12.844	9.423	15.576	VAR**	VAR	2	VAR**	VAR	2.25
4.75	17.126	17.126	12.564	20.768	VAR**	VAR	2.5	VAR**	VAR	3

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



* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H
30	0.5	0.75	12.813	10.938	4.336	2.969	24.609
36	0.625	0.875	15.375	13.125	5.203	3.563	29.531
48	0.75	1.25	20.5	17.5	6.938	4.75	39.375

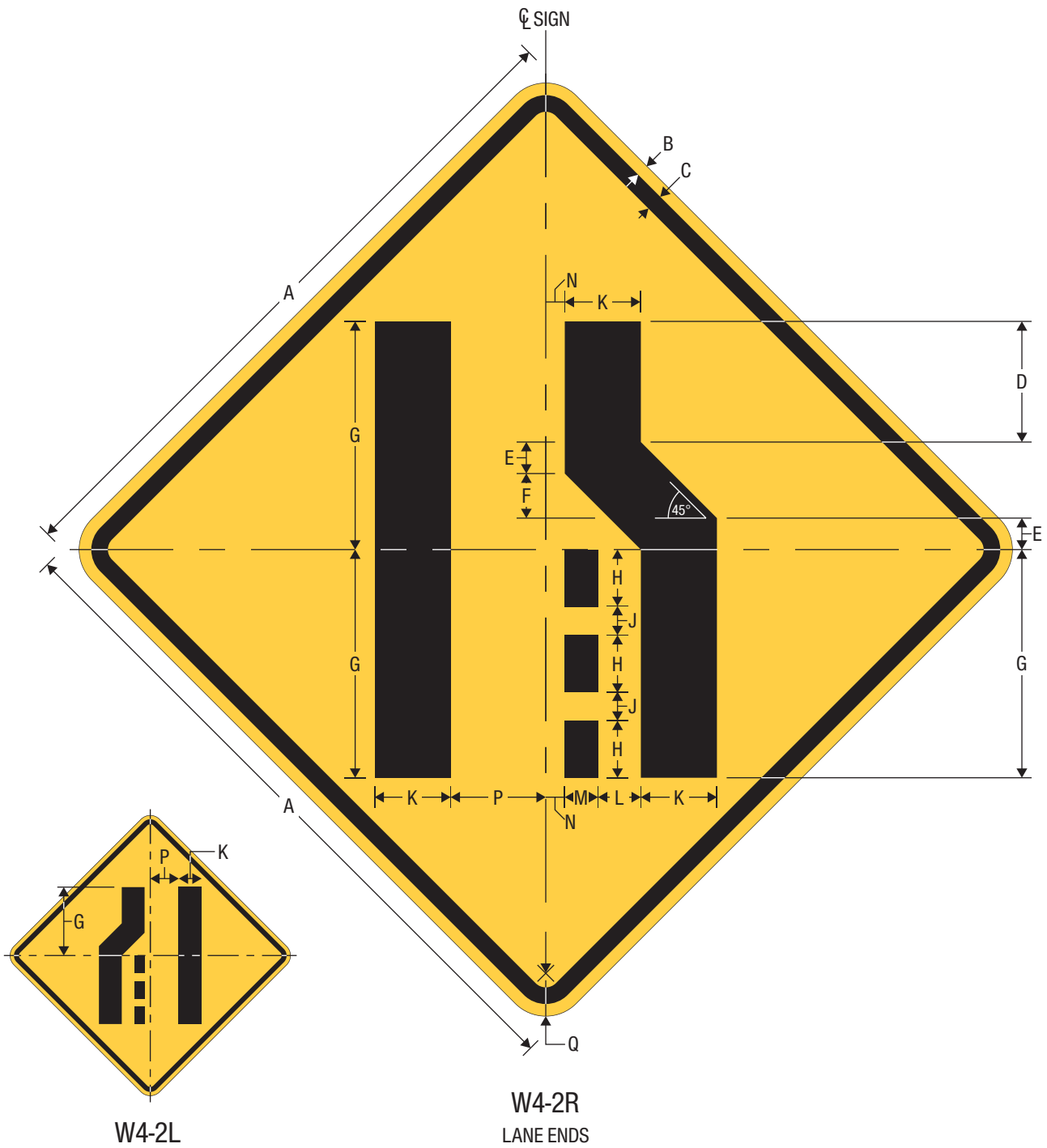
J	K	L	M	N	P	Q
9.492	10.176	23.763	3.281	9.908	11.563	1.875
11.391	12.211	28.516	3.938	11.890	13.875	2.25
15.188	16.281	38.021	5.25	15.853	18.5	3

WARNING SIGN

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

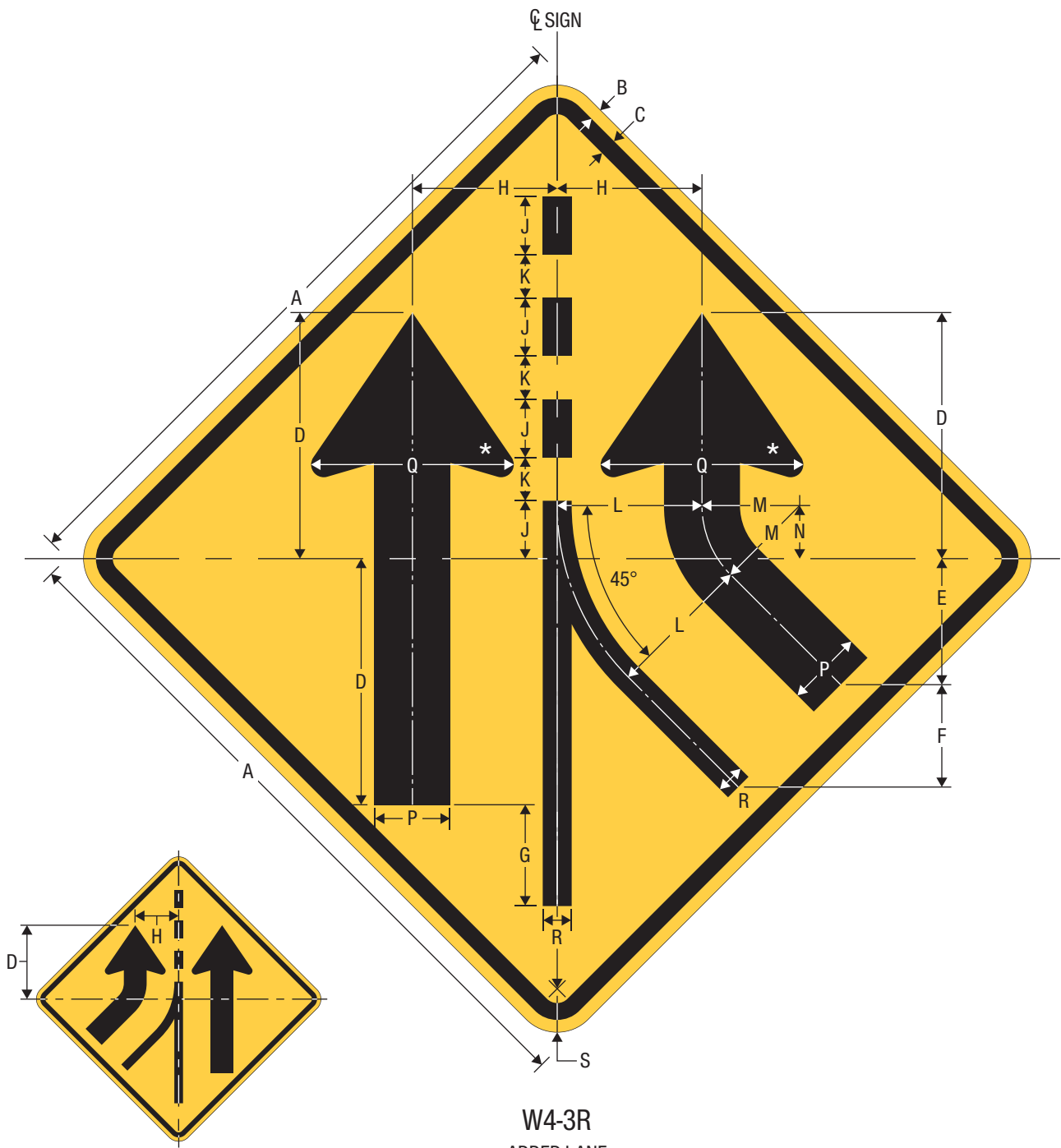
TTC SIGN

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



A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
30	0.5	0.75	5.290	1.398	1.914	10	2.5	1.25	3.375	1.813	1.5	0.875	4.188	1.875
36	0.625	0.875	6.344	1.656	2.344	12	3	1.5	4	2.25	1.75	1	5	2.25
48	0.75	1.25	8.336	2.226	3.212	16	4	2	5.375	3.063	2.375	1.25	6.688	3

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



W4-3L

W4-3R
ADDED LANE

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
30	0.5	0.75	10.625	5.442	4.419	4.375	6.25	2.5
36	0.625	0.875	12.75	6.530	5.303	5.25	7.5	3
48	0.75	1.25	17	8.707	7.071	7	10	4

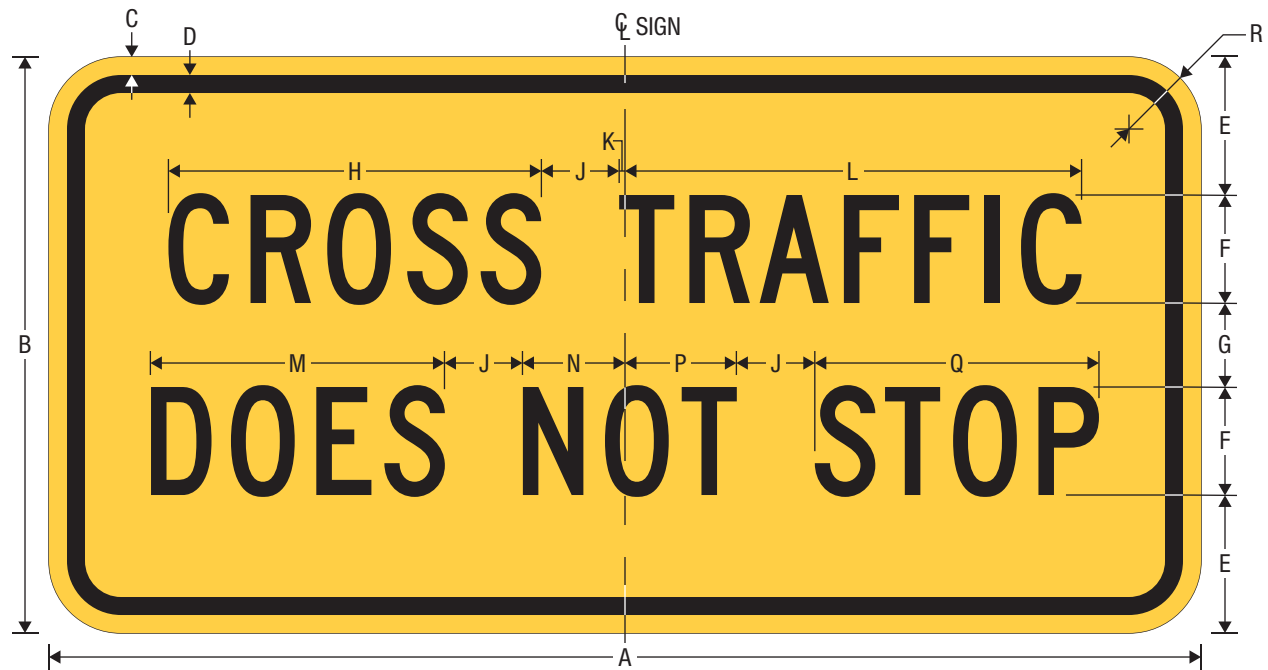
K	L	M	N	P	Q	R	S
1.875	6.25	4.219	2.292	3.281	8.75	1.25	1.875
2.25	7.5	5.063	2.75	3.938	10.5	1.5	2.25
3	10	6.75	3.667	5.25	14	2	3

WARNING SIGN

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

TTC SIGN

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



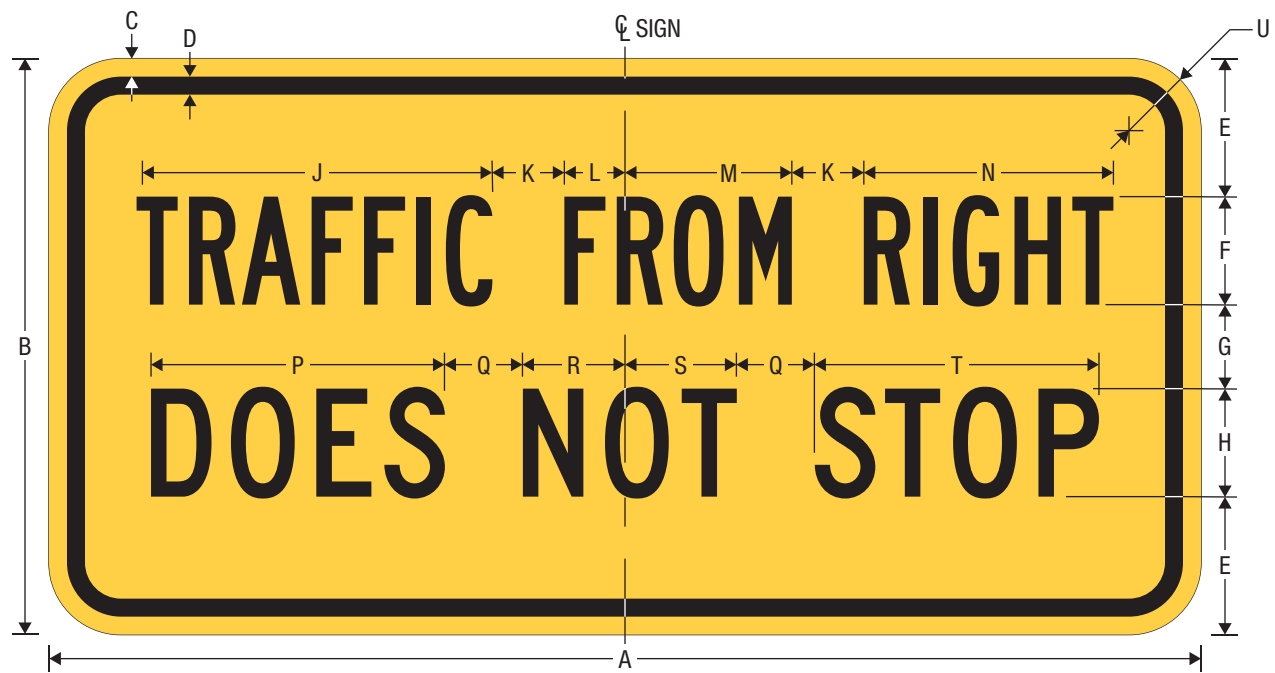
W4-4P

CROSS TRAFFIC DOES NOT STOP (PLAQUE)

A	B	C	D	E	F	G	H
24	12	0.375	0.375	2.875	2.25 C	1.75	7.765
36	18	0.375	0.5	4	3.5 C	3	12.079
48	24	0.625	0.625	5.75	4.5 C	3.5	15.531

J	K	L	M	N	P	Q	R
1.625	0.122	9.511	6.122	2.127	2.330	5.920	1.5
2.5	0.203	14.782	9.524	3.309	3.624	9.209	1.5
3.25	0.243	19.024	12.245	4.254	4.659	11.840	1.875

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



W4-4aPR

TRAFFIC FROM RIGHT DOES NOT STOP (PLAQUE)

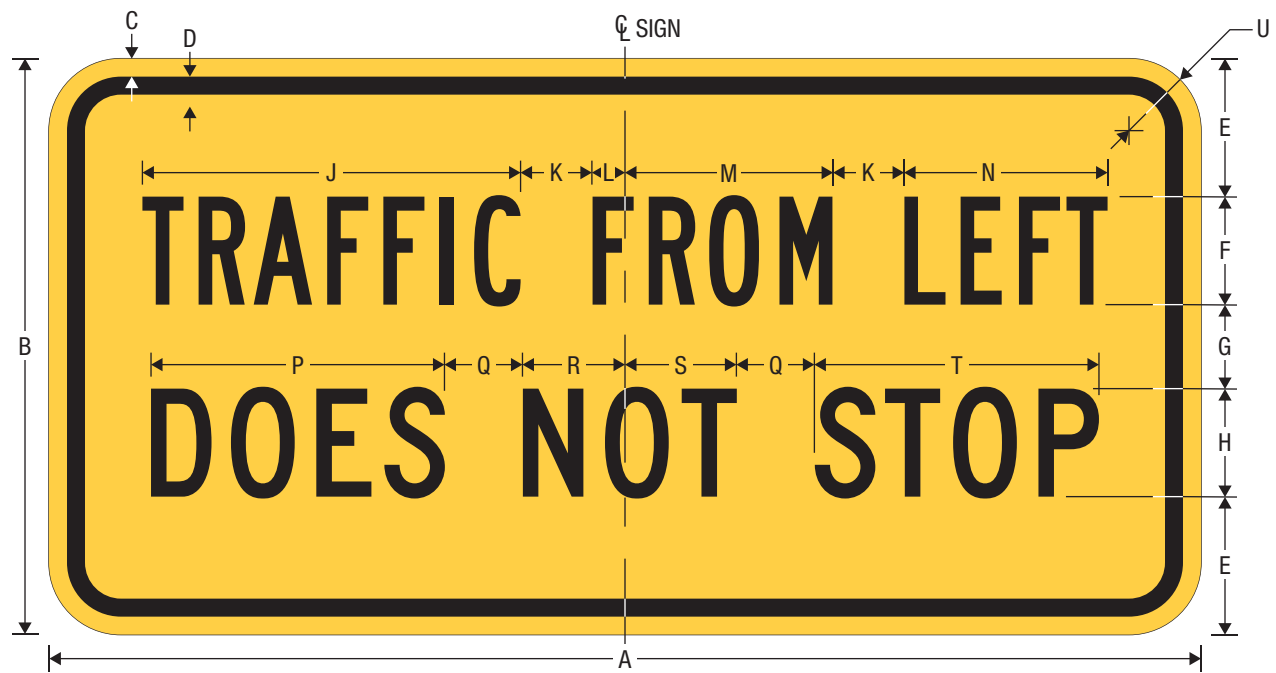
★ Reduce Spacing 25%.

A	B	C	D	E	F	G	H	J	K
24	12	0.375	0.375	2.875	2.25 B*	1.75	2.25 C	7.412	1.5
36	18	0.375	0.5	4	3.5 B*	3	3.5 C	11.529	2.5
48	24	0.625	0.625	5.75	4.5 B*	3.5	4.5 C	14.823	3

L	M	N	P	Q	R	S	T	U
1.264	3.475	5.200	6.122	1.625	2.128	2.329	5.920	1.5
1.965	5.406	8.089	9.524	2.5	3.309	3.624	9.209	1.5
2.527	6.950	10.400	12.245	3.25	4.254	4.659	11.840	1.875

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

3-45-1



W4-4aPL

TRAFFIC FROM RIGHT DOES NOT STOP (PLAQUE)

A	B	C	D	E	F	G	H	J	K
24	12	0.375	0.375	2.875	2.25 B	1.75	2.25 C	7.878	1.5
36	18	0.375	0.5	4	3.5 B	3	3.5 C	12.255	2.5
48	24	0.625	0.625	5.75	4.5 B	3.5	4.5 C	15.757	3

L	M	N	P	Q	R	S	T	U
0.676	4.321	4.232	6.122	1.625	2.128	2.329	5.920	1.5
1.051	6.723	6.584	9.524	2.5	3.309	3.624	9.209	1.5
1.352	8.643	8.465	12.245	3.25	4.254	4.659	11.840	1.875

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



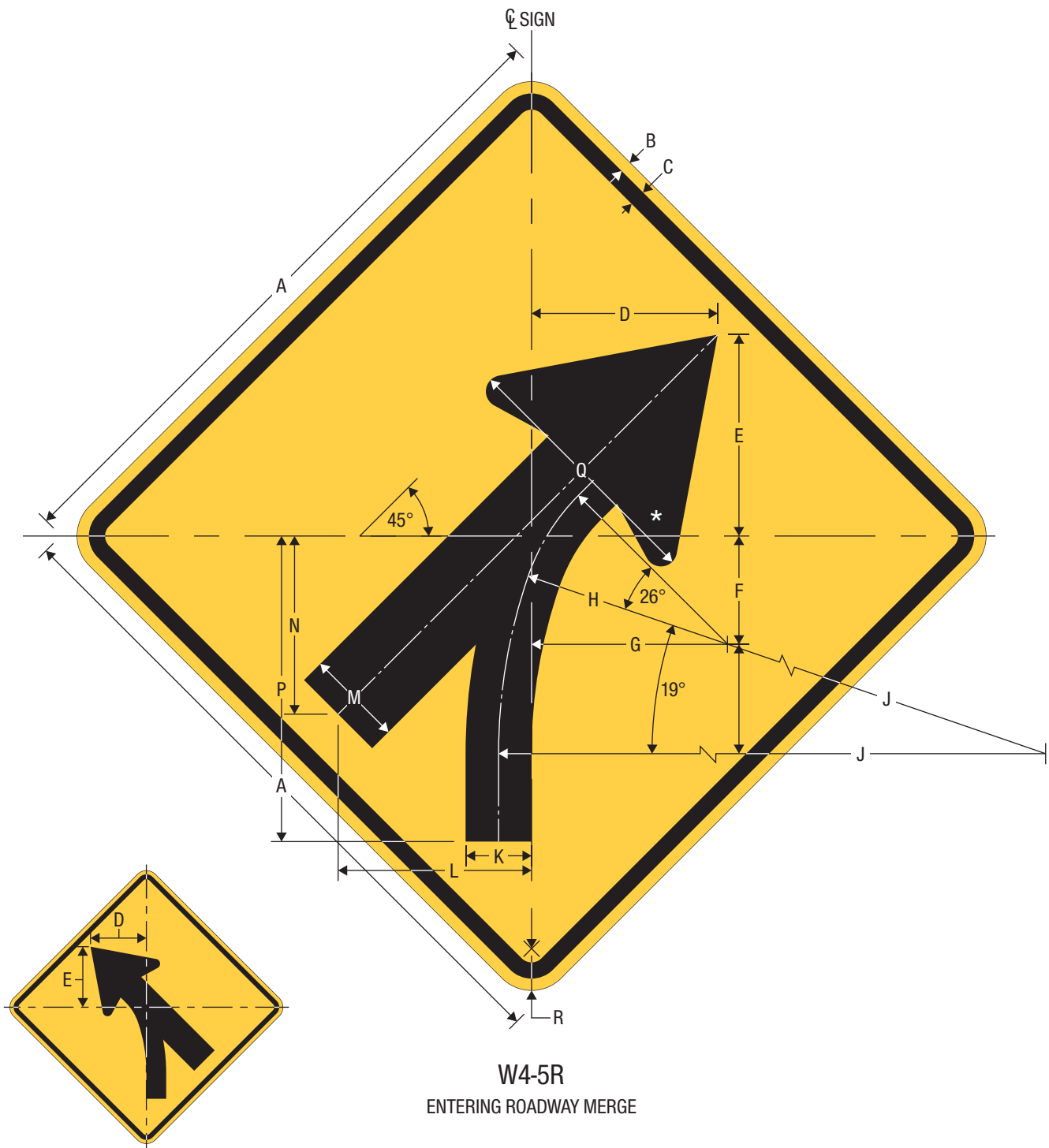
W4-4bP

ONCOMING TRAFFIC DOES NOT STOP (PLAQUE)

A	B	C	D	E	F	G	H	J
24	12	0.375	0.375	2.875	2.25 B	1.75	2.25 C	9.889
36	18	0.375	0.5	4	3.5 B	3	3.5 C	15.466
48	24	0.625	0.625	5.75	4.5 B	3.5	4.5 C	19.770

K	L	M	N	P	Q	R	S	T
0.510	1.5	7.878	6.122	1.625	2.127	2.330	5.920	1.5
0.710	2.5	12.255	9.524	2.5	3.309	3.624	9.209	1.5
1.028	3	15.757	12.245	3.25	4.254	4.659	11.840	1.875

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



W4-5L

W4-5R
ENTERING ROADWAY MERGE

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H
36	0.625	0.875	10.051	10.875	5.847	10.598	11.391
48	0.75	1.25	13.401	14.5	7.796	14.130	15.188

J	K	L	M	N	P	Q	R
29.531	3.563	10.443	5.203	9.619	16.5	13.875	2.25
39.375	4.75	13.924	6.938	12.826	22	18.5	3

WARNING SIGN

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

TTC SIGN

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



W4-5aP
NO MERGE AREA (PLAQUE)

* Reduce Spacing 20%.

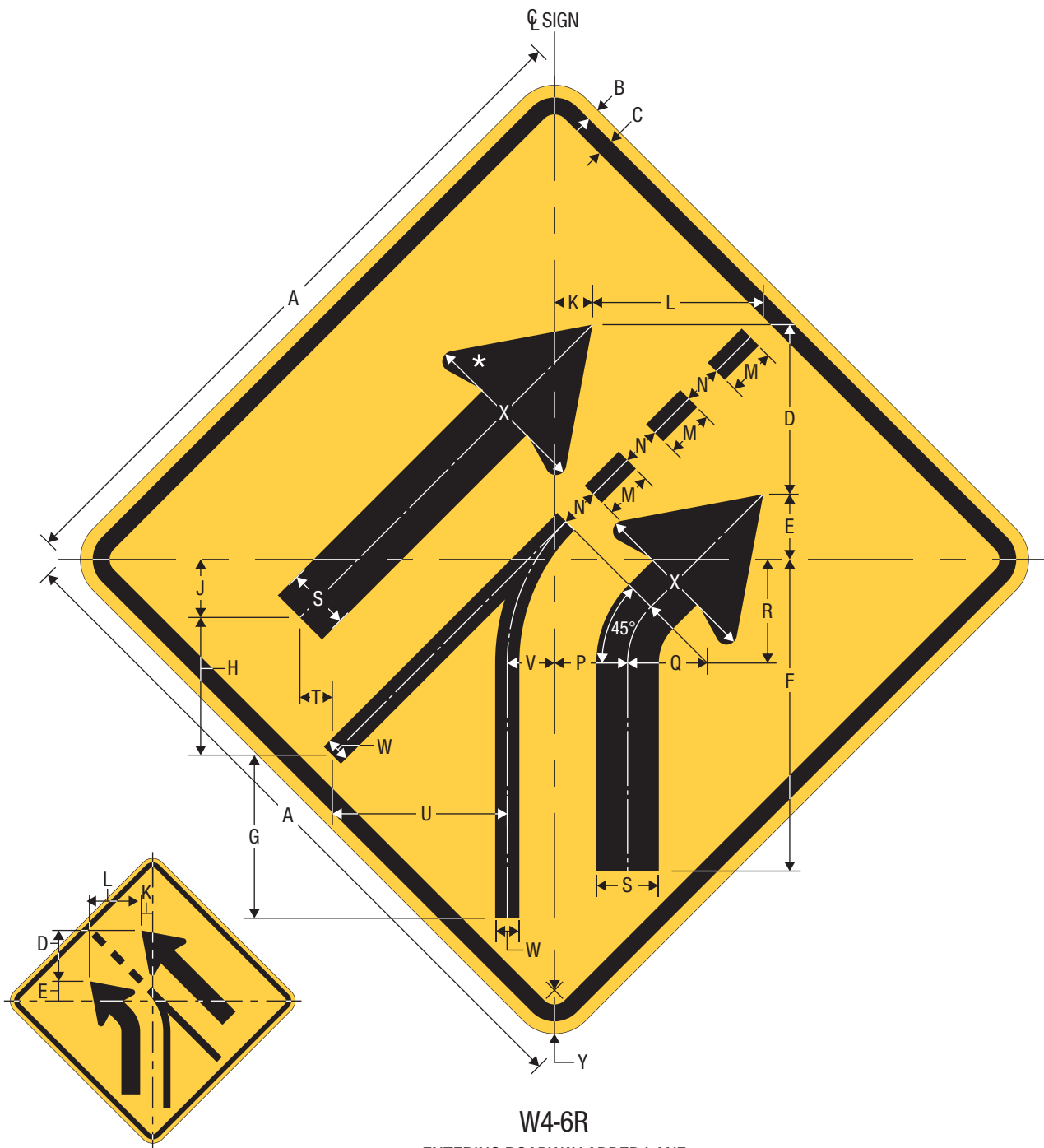
A	B	C	D	E	F	G	H	J	K	L	M	N	P
18	24	0.375	0.625	3.5	4 C	2.5	4 C*	2.701	2.701	6.787	5.502	5.502	1.5
24	30	0.375	0.625	4.25	5 C	3.25	5 C	3.377	3.376	8.854	6.878	6.877	1.5

WARNING SIGN

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

TTC SIGN

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



W4-6L

W4-6R
ENTERING ROADWAY ADDED LANE

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
30	0.5	0.75	7.312	2.813	13.438	7.031	5.938	2.5	1.645	7.361	2.083
36	0.625	0.875	8.774	3.375	16.125	8.438	7.125	3	1.974	8.833	2.5
48	0.75	1.25	11.699	4.5	21.5	11.25	9.5	4	2.632	11.777	3.333

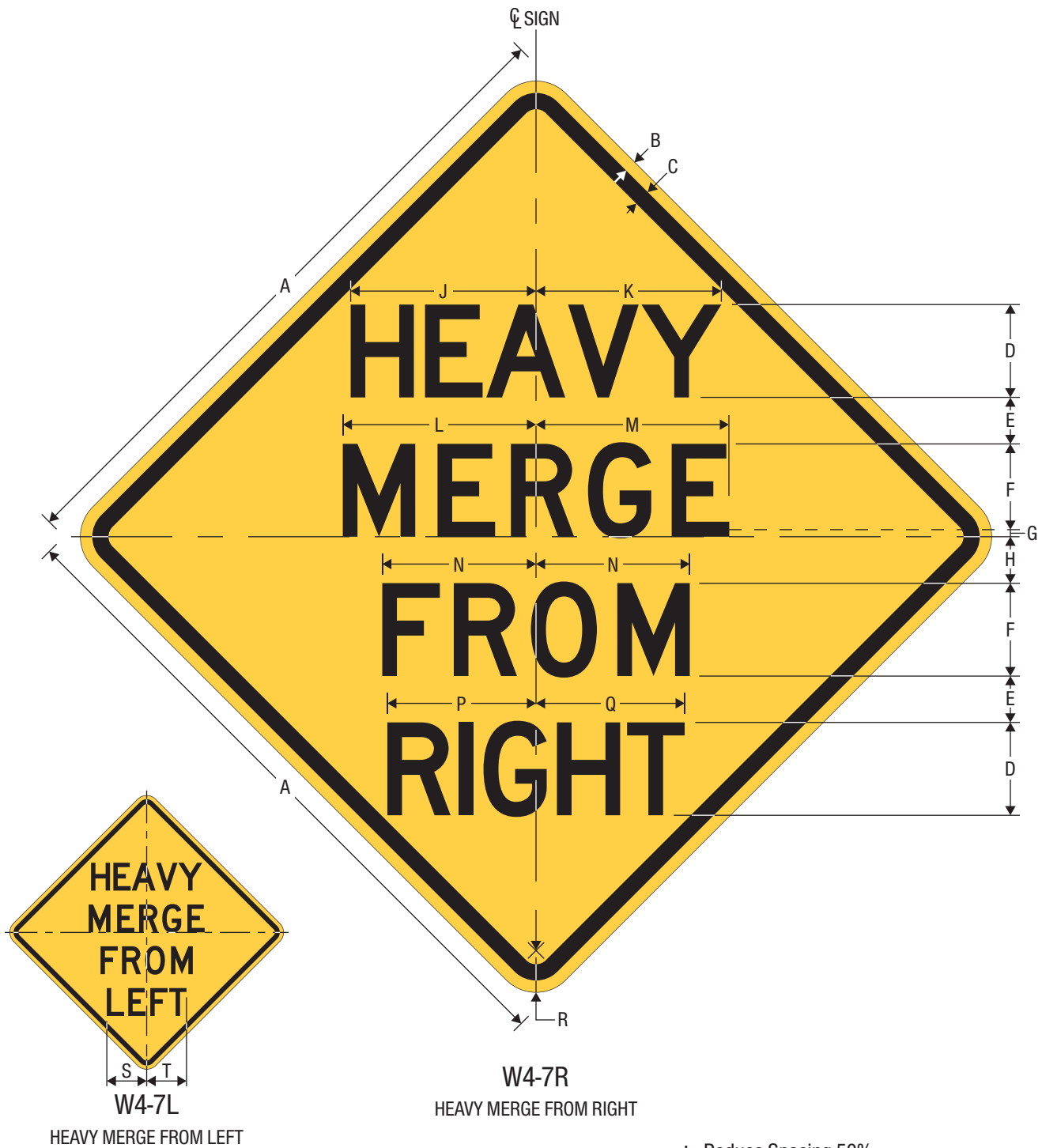
N	P	Q	R	S	T	U	V	W	X	Y
1.667	3.150	3.438	4.467	2.695	1.399	7.544	2.037	1.041	7.188	1.875
2	3.780	4.125	5.360	3.234	1.678	9.052	2.445	1.249	8.625	2.25
2.667	5.041	5.5	7.146	4.313	2.238	12.070	3.259	1.666	11.5	3

WARNING SIGN

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

TTC SIGN

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

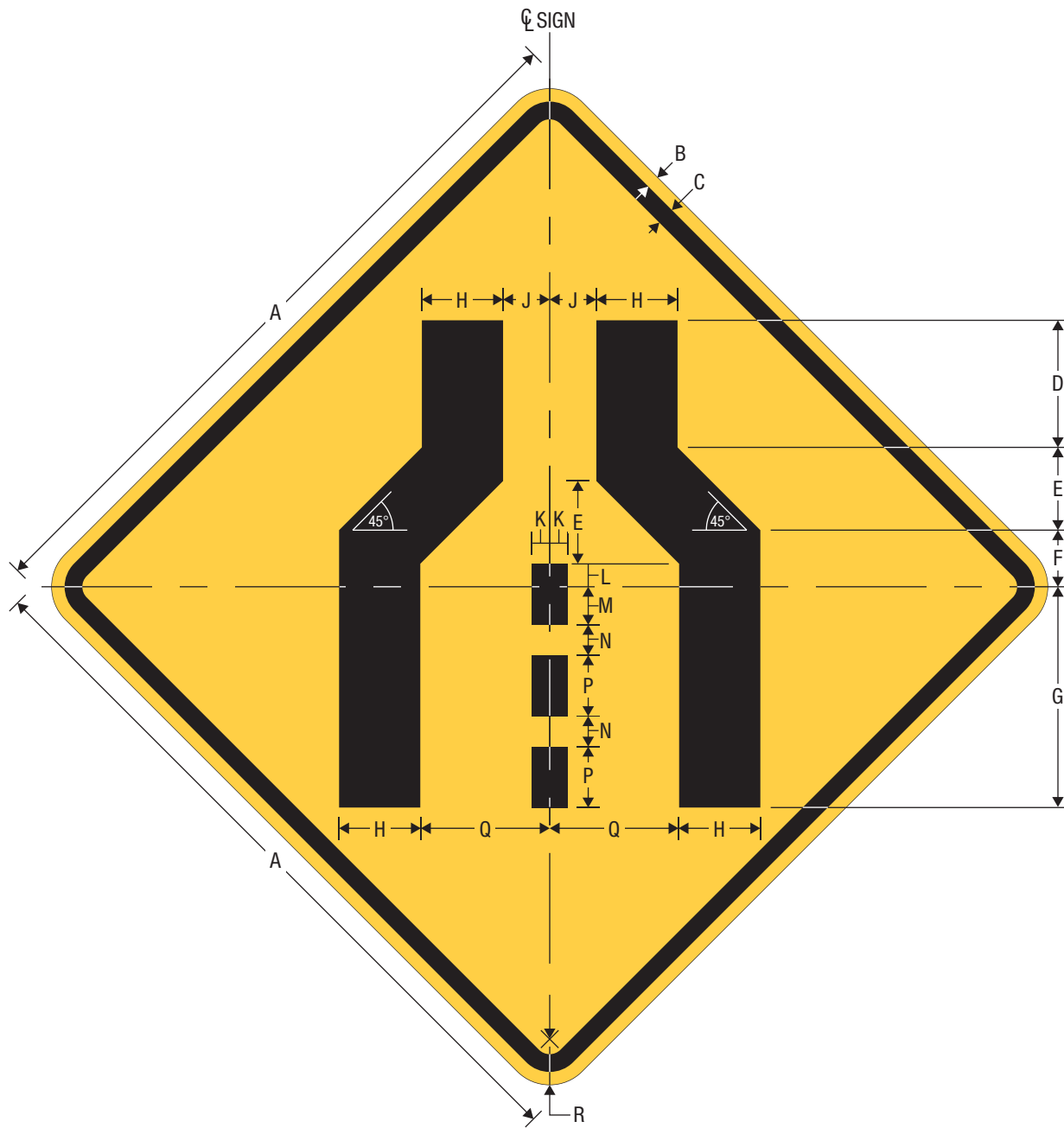


* Reduce Spacing 50%.

A	B	C	D	E	F	G	H	J
36	0.625	0.875	5 D*	2.5	5 D	0	2.5	9.982
48	0.75	1.25	6 D	3.75	6 D	0.75	3	12.638

K	L	M	N	P	Q	R	S	T
9.981	10.407	10.406	8.280	8.007	8.006	2.25	7.153	7.152
12.637	12.488	12.487	9.936	10.748	10.747	3	8.583	8.583

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



W4-8
SINGLE-LANE TRANSITION

A	B	C	D	E	F	G	H
36	0.625	0.875	6.259	4.078	2.788	10.875	4
48	0.75	1.25	8.345	5.437	3.717	14.5	5.333

J	K	L	M	N	P	Q	R
2.297	0.875	1.125	1.875	1.5	3	6.375	2.25
3.063	1.167	1.5	2.5	2	4	8.5	3

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



W5-1
ROAD NARROWS

A	B	C	D	E	F	G	H	J	K	L	M
30	0.5	0.75	5 D	3	1.75	3.25	8.382	8.381	15.012	15.011	1.875
36	0.625	0.875	6 D	3.5	2	4	10.058	10.057	18.014	18.013	2.25
48	0.75	1.25	8 D	4	3	5	13.410	13.410	24.018	24.018	3

WARNING SIGN

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

TTC SIGN

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



W5-2
NARROW BRIDGE

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K
18	0.375	0.625	3 D*	0.375	1.125	7.641	7.640	6.455	1.5
30	0.5	0.75	5 D*	0.5	2	12.735	12.734	10.758	1.875
36	0.625	0.875	6 D*	0.75	2.25	15.282	15.281	12.910	2.25
48	0.75	1.25	8 D*	0.5	3.5	20.375	20.375	17.213	3

WARNING SIGN

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

TTC SIGN

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



W5-2a
NARROW UNDERPASS

* Reduce Spacing 30%.

A	B	C	D	E	F	G	H	J	K	L
30	0.5	0.75	5 C*	2.5	0.625	4.375	10.440	10.439	14.973	1.875
36	0.625	0.875	6 C*	3	0.75	5.25	12.528	12.527	17.968	2.25
48	0.75	1.25	8 C*	4	1	7	16.703	16.703	23.957	3

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



W5-3
ONE LANE BRIDGE

A	B	C	D	E	F	G	H	J
30	0.5	0.75	5 C	3.25	10.404	13.205	9.578	1.875
36	0.625	0.875	6 C	4	12.485	15.846	11.494	2.25
48	0.75	1.25	8 C	5	16.646	21.128	15.325	3

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

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



W5-3a
ONE LANE UNDERPASS

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N
30	0.5	0.75	4 D	2	0.5	4 D*	9.886	3	12.887	14.520	14.520	1.875
36	0.625	0.875	5 C	2.5	0.5	5 C	10.404	3.75	13.205	15.956	15.955	2.25
48	0.75	1.25	7 C	3.25	0.75	7 C	14.565	5	18.487	22.338	22.338	3

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



W5-4
RAMP NARROWS

A	B	C	D	E	F	G	H	J	K	L	M
30	0.5	0.75	5 D	2.75	1.25	3.75	8.657	8.656	15.012	15.011	1.875
36	0.625	0.875	6 D	3.25	1.75	4.25	10.388	10.387	18.014	18.013	2.25
48	0.75	1.25	8 D	4.25	2.25	5.75	13.850	13.850	24.018	24.018	3

WARNING SIGN

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

TTC SIGN

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

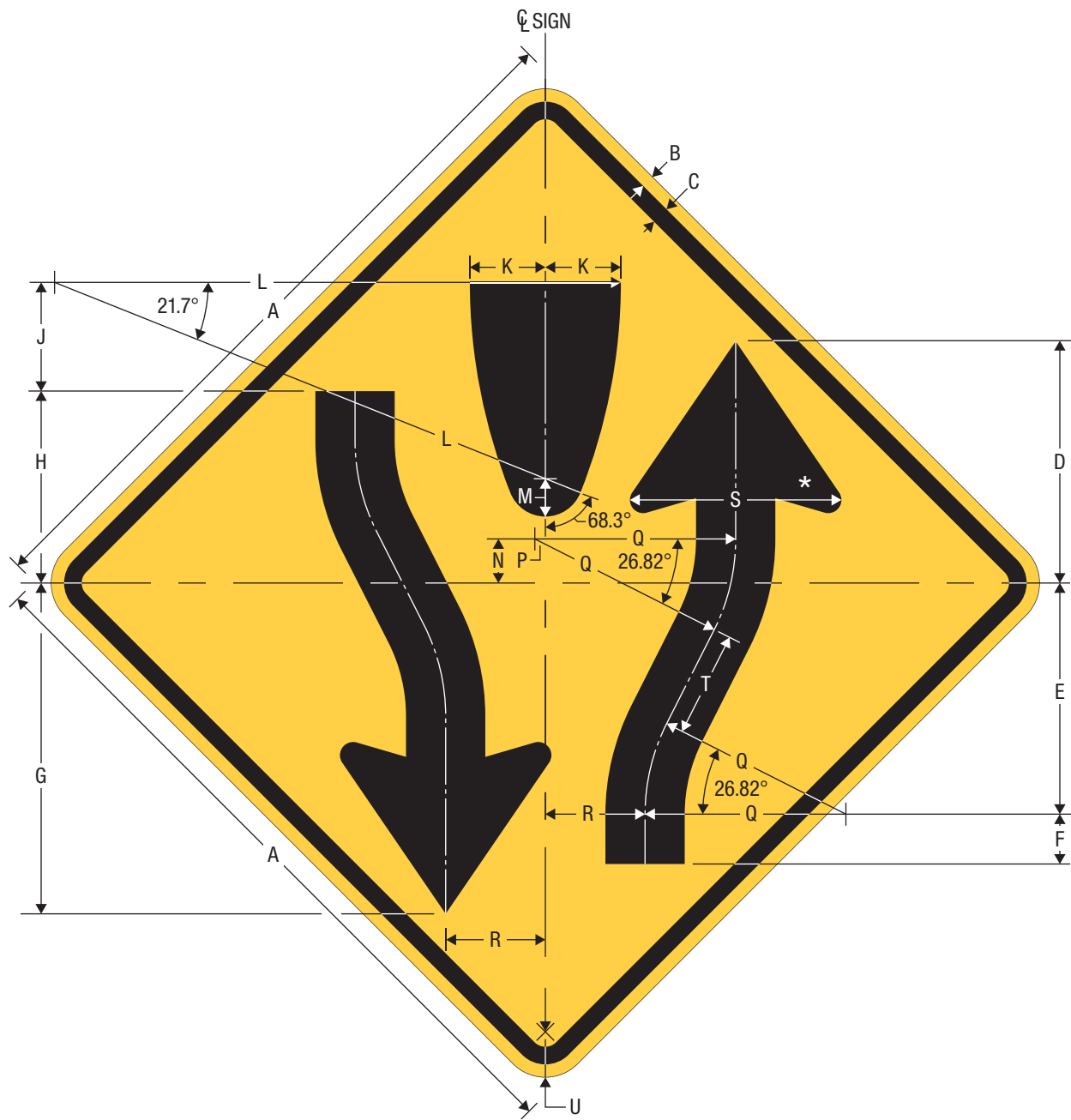


W5-4a
PATH NARROWS

Note: This sign shall only be used on shared-use paths.

A	B	C	D	E	F	G	H	J
18	0.375	0.625	3 C	1.625	3.887	3.886	7.563	1.5

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



W6-1
DIVIDED HIGHWAY

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
30	0.5	0.75	10	9.562	2.063	13.687	7.938	4.500	3.125
36	0.625	0.875	12	11.450	2.5	16.425	9.525	5.400	3.75
48	0.75	1.25	16	15.299	3.301	21.900	12.700	7.200	5

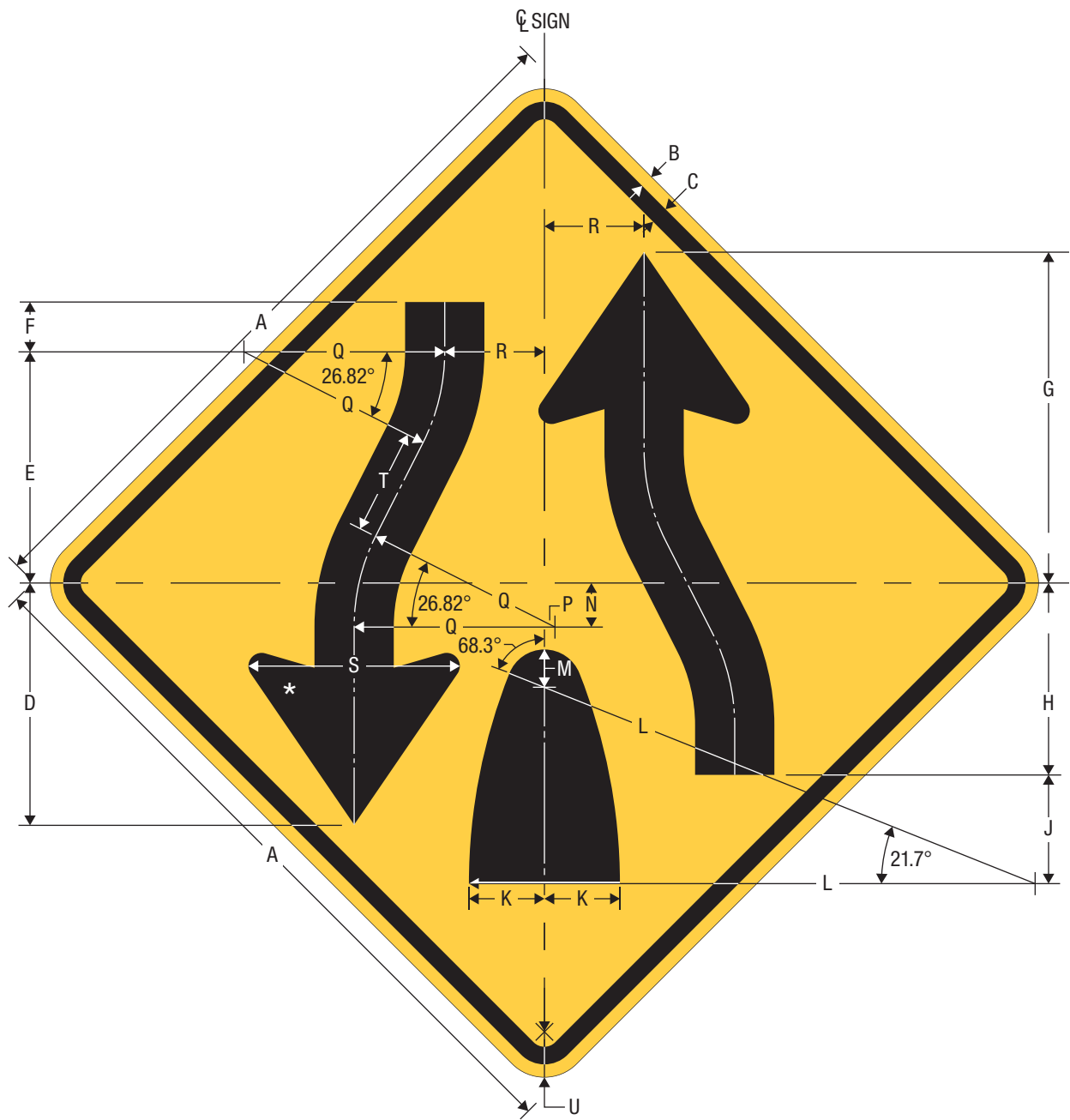
L	M	N	P	Q	R	S	T	U
23.438	1.563	1.818	0.438	8.313	4.125	8.75	4.346	1.875
28.125	1.875	2.182	0.525	9.975	4.950	10.5	5.215	2.25
37.5	2.5	2.909	0.700	13.300	6.600	14	6.953	3

WARNING SIGN

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

TTC SIGN

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



W6-2
DIVIDED HIGHWAY ENDS

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
30	0.5	0.75	10	9.562	2.063	13.687	7.938	4.500	3.125
36	0.625	0.875	12	11.450	2.5	16.425	9.525	5.400	3.75
48	0.75	1.25	16	15.299	3.301	21.900	12.700	7.200	5

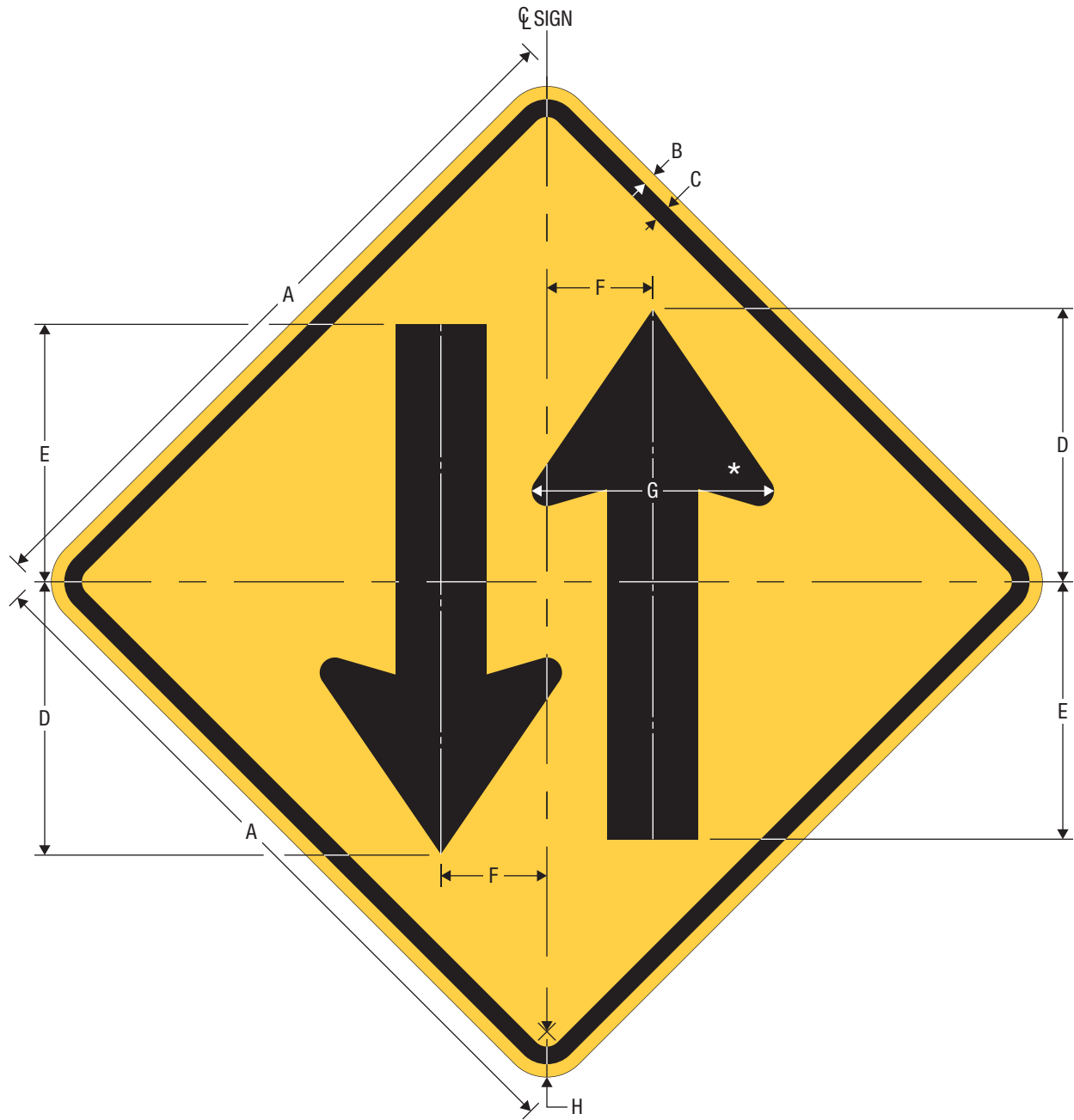
L	M	N	P	Q	R	S	T	U
23.438	1.563	1.818	0.438	8.313	4.125	8.75	4.346	1.875
28.125	1.875	2.182	0.525	9.975	4.950	10.5	5.215	2.25
37.5	2.5	2.909	0.700	13.300	6.600	14	6.953	3

WARNING SIGN

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

TTC SIGN

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



W6-3
TWO-WAY TRAFFIC

* See page 7-3 for arrow design.

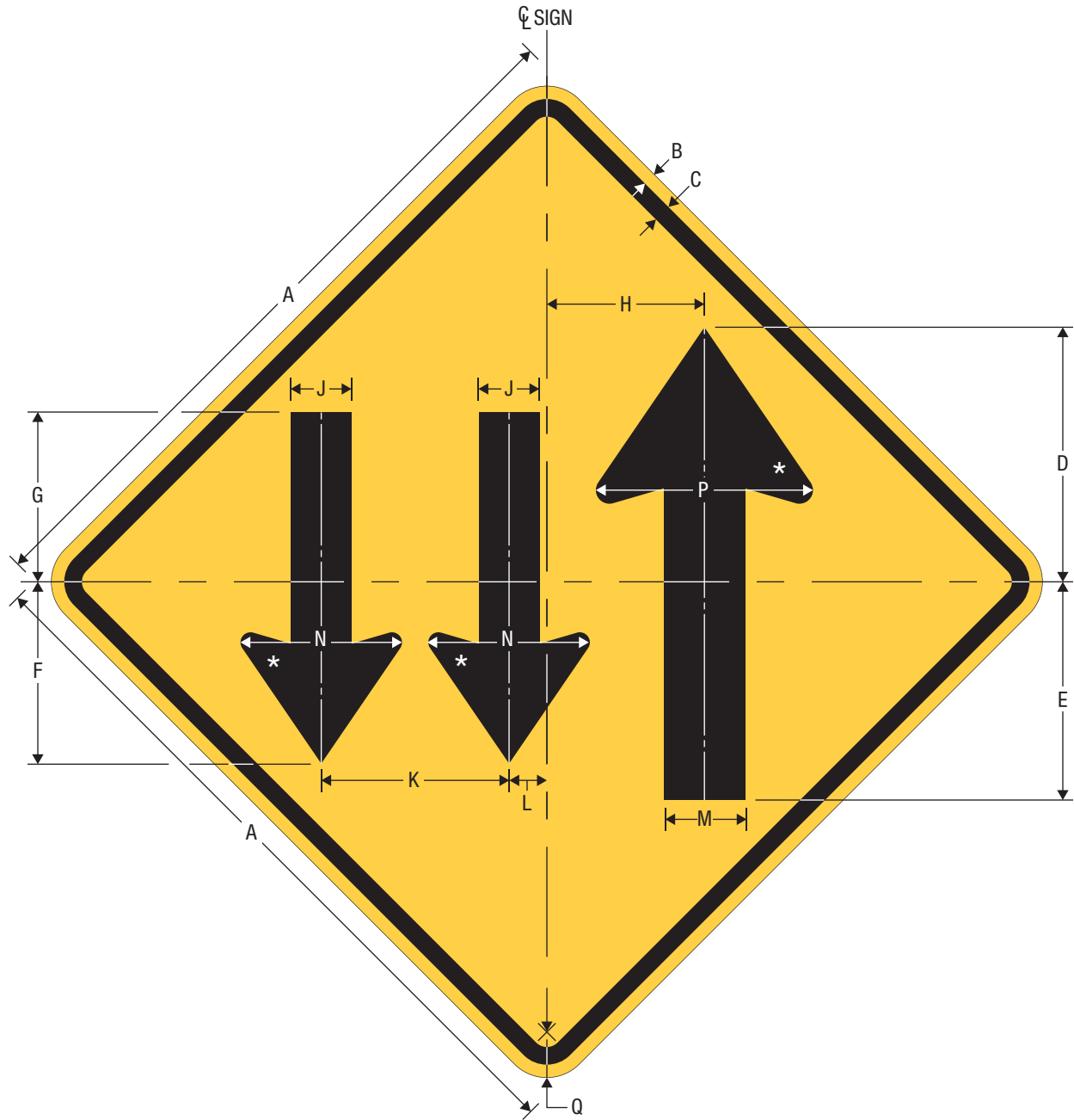
A	B	C	D	E	F	G	H
30	0.5	0.75	11.25	10.625	4.375	10	1.875
36	0.625	0.875	13.5	12.75	5.25	12	2.25
48	0.75	1.25	18	17	7	16	3

WARNING SIGN

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

TTC SIGN

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



W6-5
TWO-WAY TRAFFIC (3-LANE)

* See page 7-3 for arrow design.

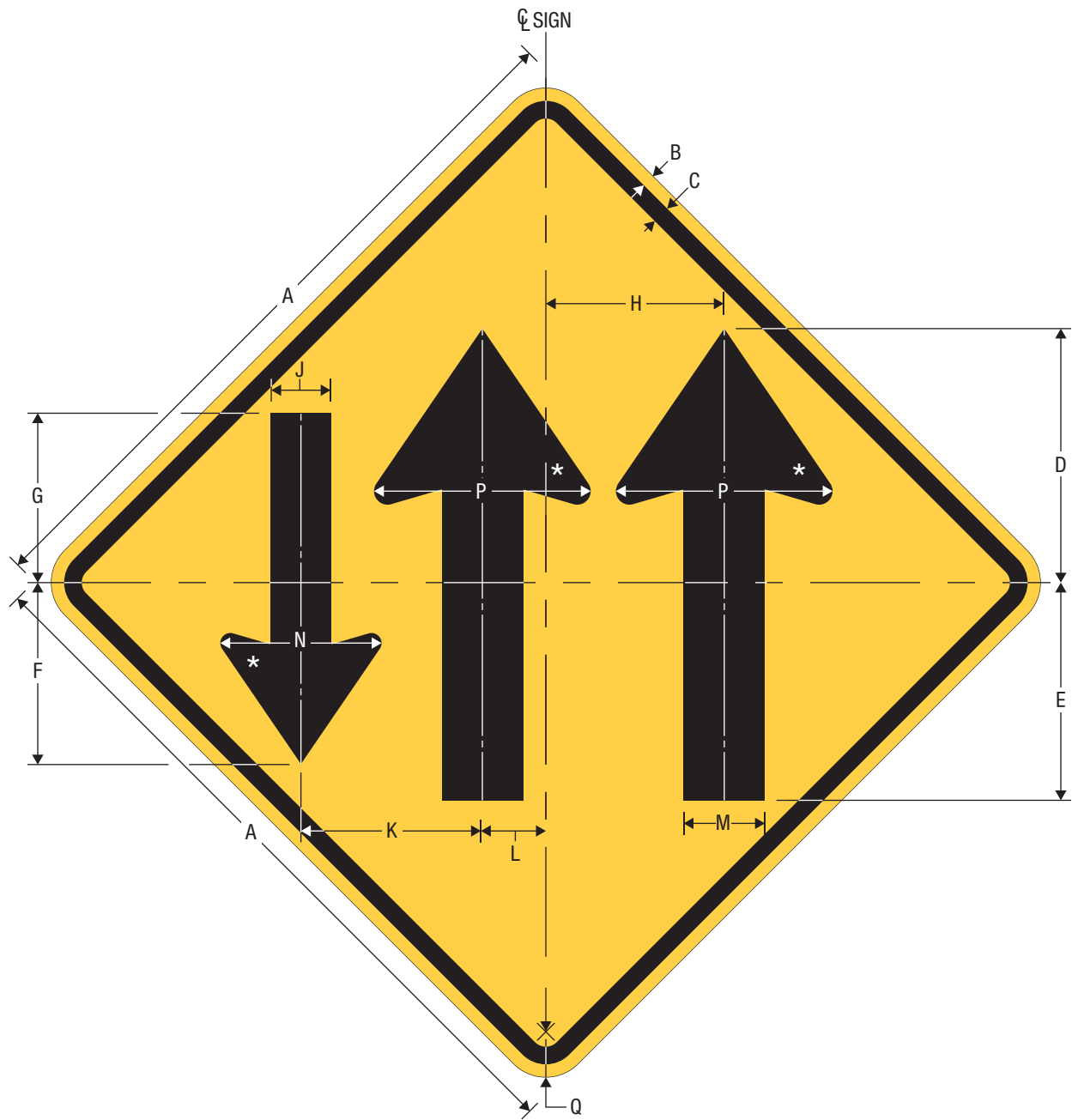
A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
30	0.5	0.75	10.5	9	7.5	7	6.5	2.531	7.75	1.5	3.375	6.75	9	1.875
36	0.625	0.875	12.6	10.8	9	8.400	7.8	3	9.3	1.8	4.031	8	10.75	2.25
48	0.75	1.25	16.8	14.4	12	11.200	10.4	4.031	12.4	2.4	5.391	10.75	14.375	3

WARNING SIGN

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

TTC SIGN

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



W6-5a
TWO-WAY TRAFFIC (3-LANE)

* See page 7-3 for arrow design.

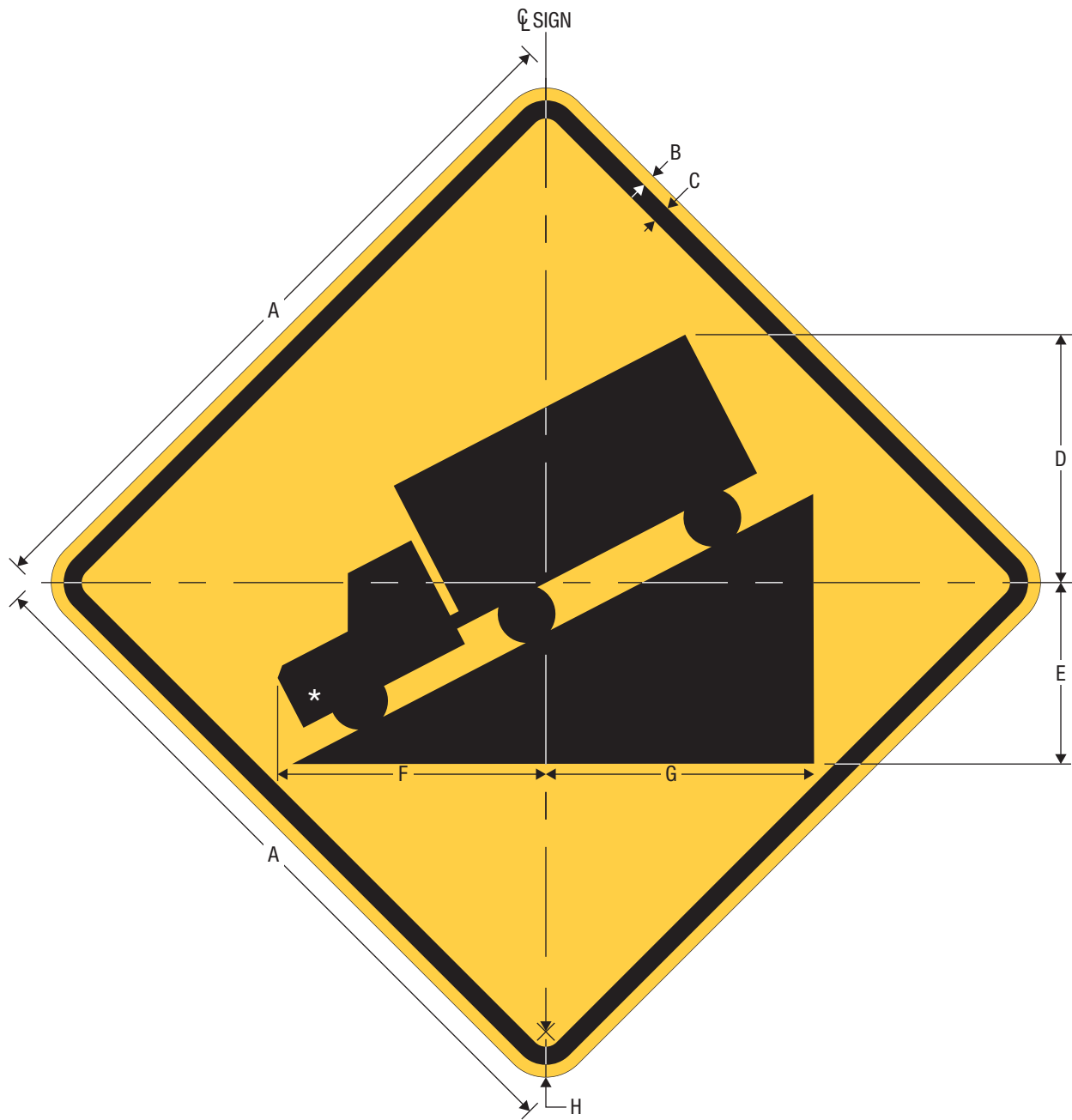
A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
30	0.5	0.75	10.5	9	7.5	7	7.375	2.531	7.5	2.625	3.375	6.75	9	1.875
36	0.625	0.875	12.6	10.8	9	8.4	8.850	3	9	3.150	4.031	8	10.75	2.25
48	0.75	1.25	16.8	14.4	12	11.2	11.800	4.031	11.950	4.25	5.391	10.75	14.375	3

WARNING SIGN

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

TTC SIGN

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



W7-1
HILL

* See page 8-28 for symbol design.

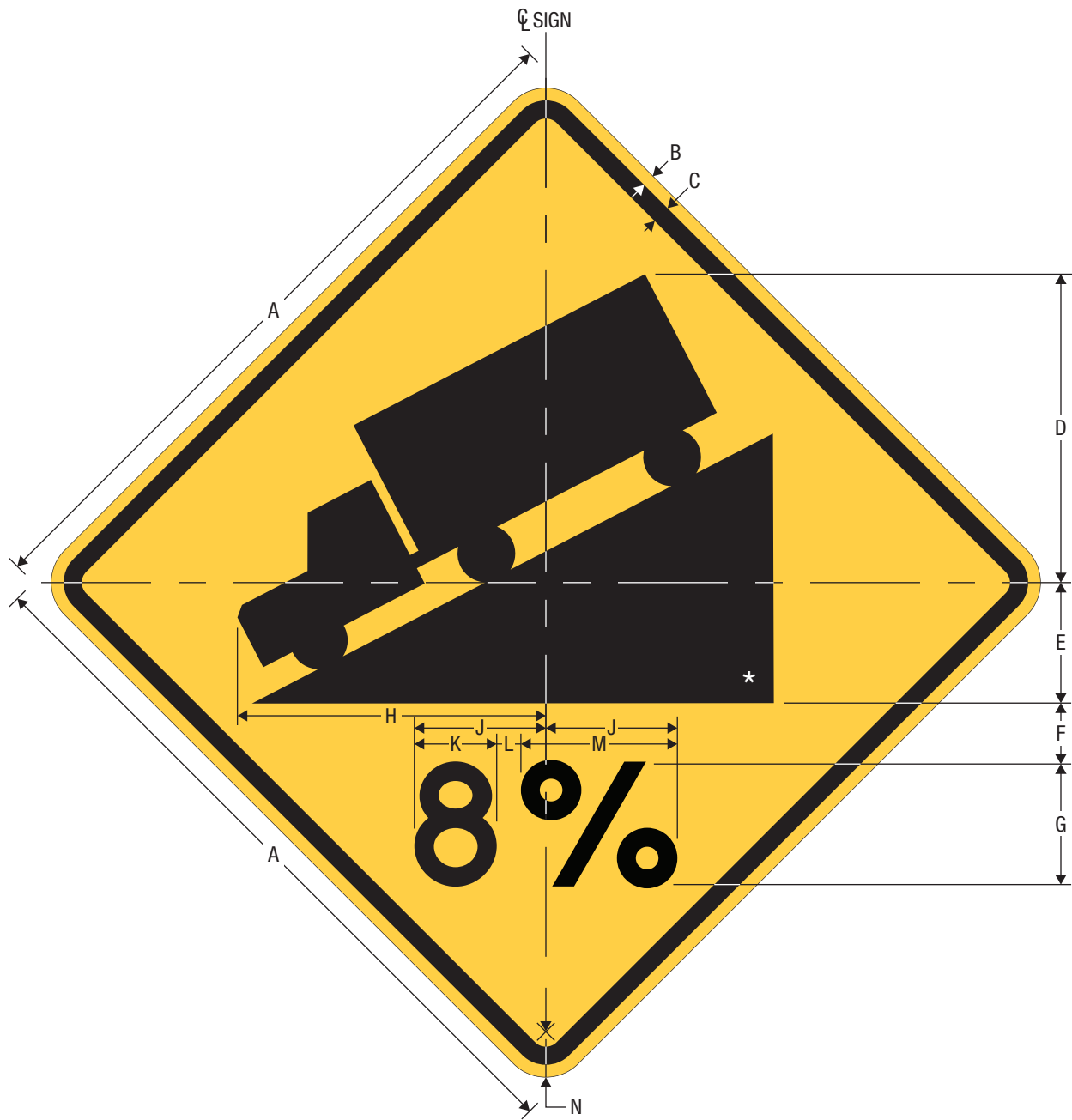
A	B	C	D	E	F	G	H
24	0.375	0.625	8	6	8.745	8.744	1.5
30	0.5	0.75	10.25	7.5	11.087	11.087	1.875
36	0.625	0.875	12.25	9	13.273	13.273	2.25
48	0.75	1.25	16	12	17.489	17.489	3

WARNING SIGN

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

TTC SIGN

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

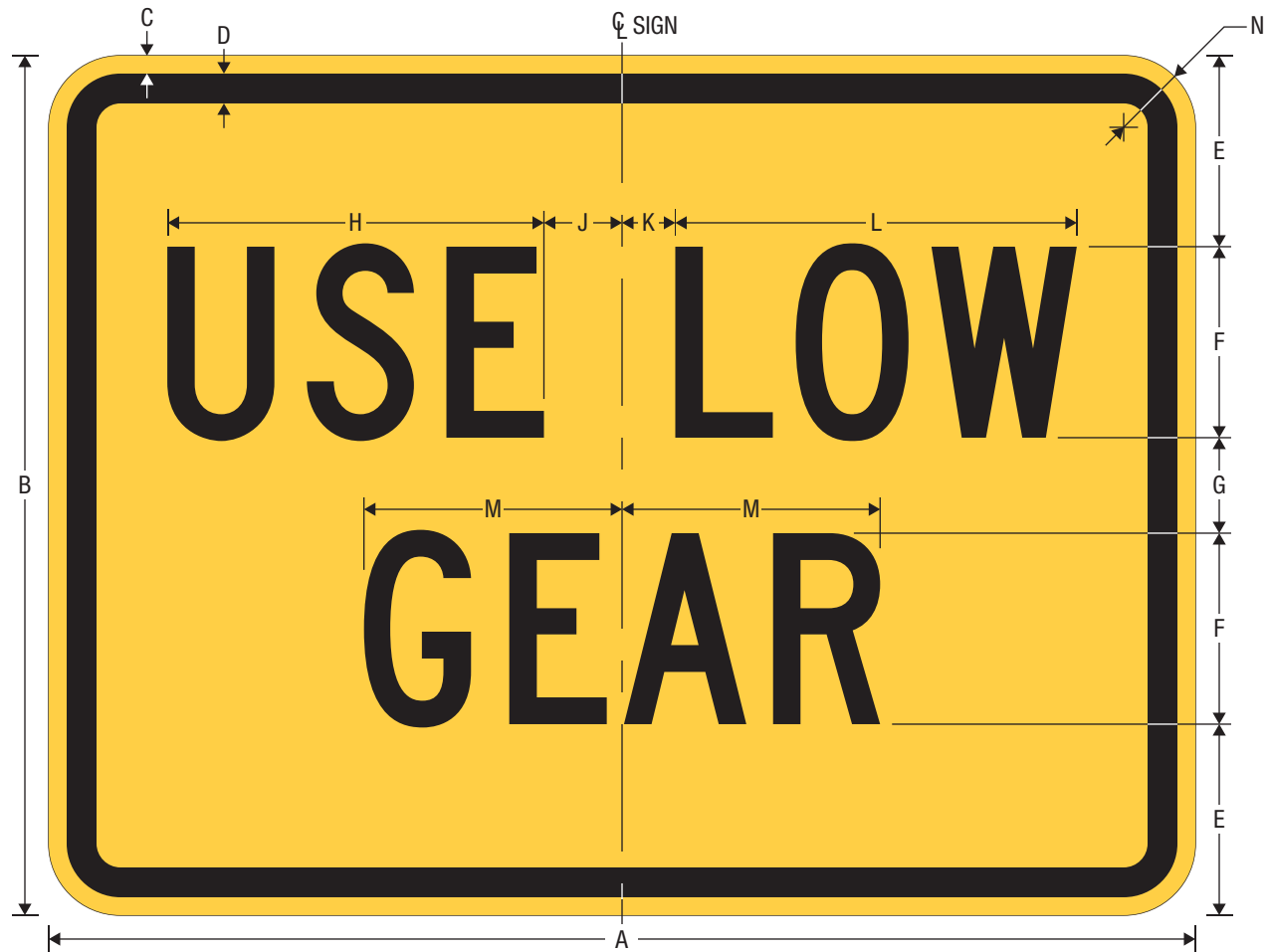


W7-1a
HILL WITH GRADE

* See page 8-28 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M	N
24	0.375	0.625	10	4	2	4 D	10.25	VAR	VAR	0.800	5.175	1.5
30	0.5	0.75	12.75	5	2.5	5 D	12.75	VAR	VAR	1	6.469	1.875
36	0.625	0.875	15.375	6	3	6 D	15.375	VAR	VAR	1.200	7.763	2.25
48	0.75	1.25	20	8	4	8 D	20.5	VAR	VAR	1.600	10.350	3

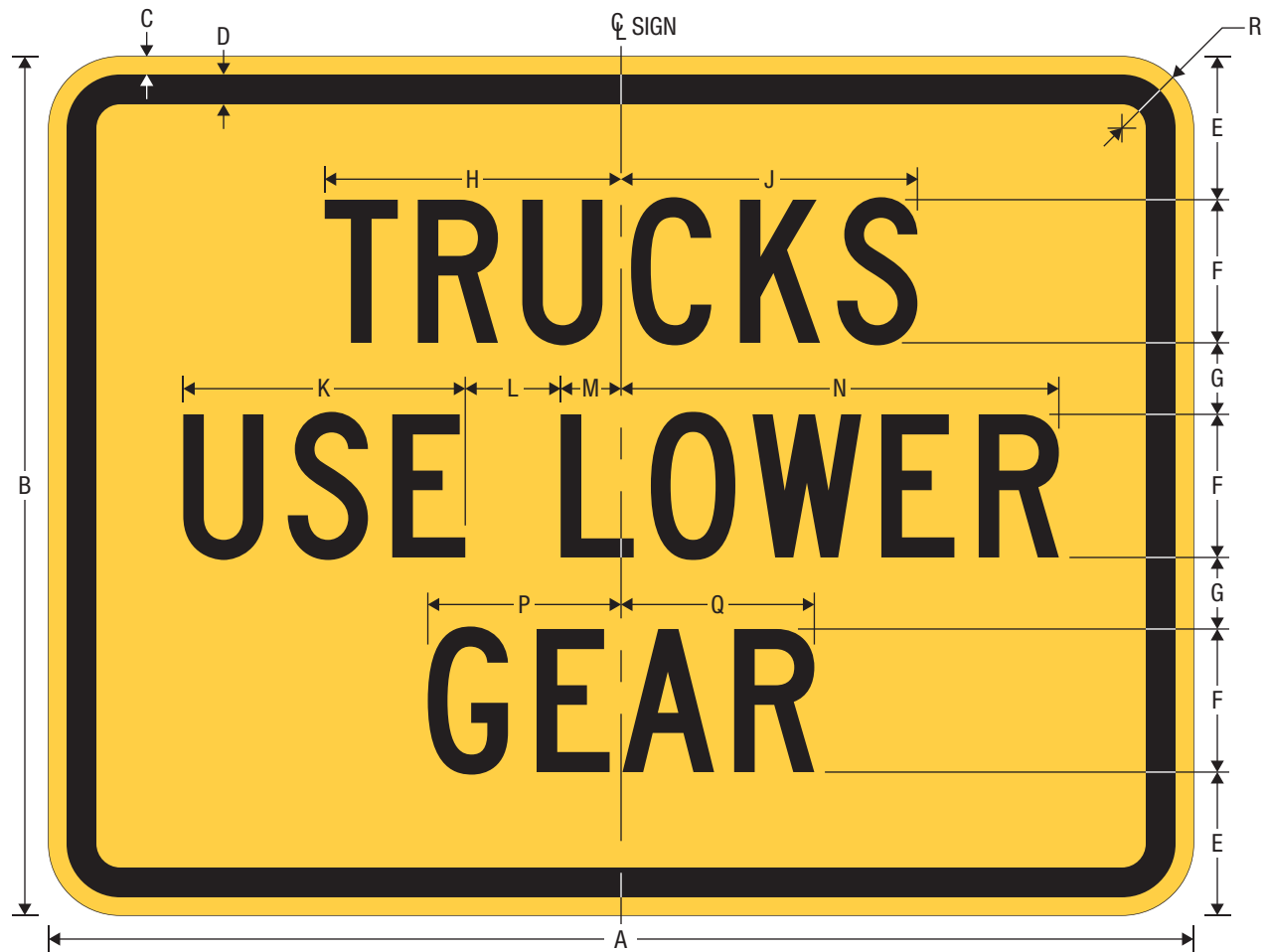
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W7-2P
USE LOW GEAR (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M	N
24	18	0.375	0.625	4	4 C	2	7.883	1.636	1.114	8.404	5.402	1.5

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



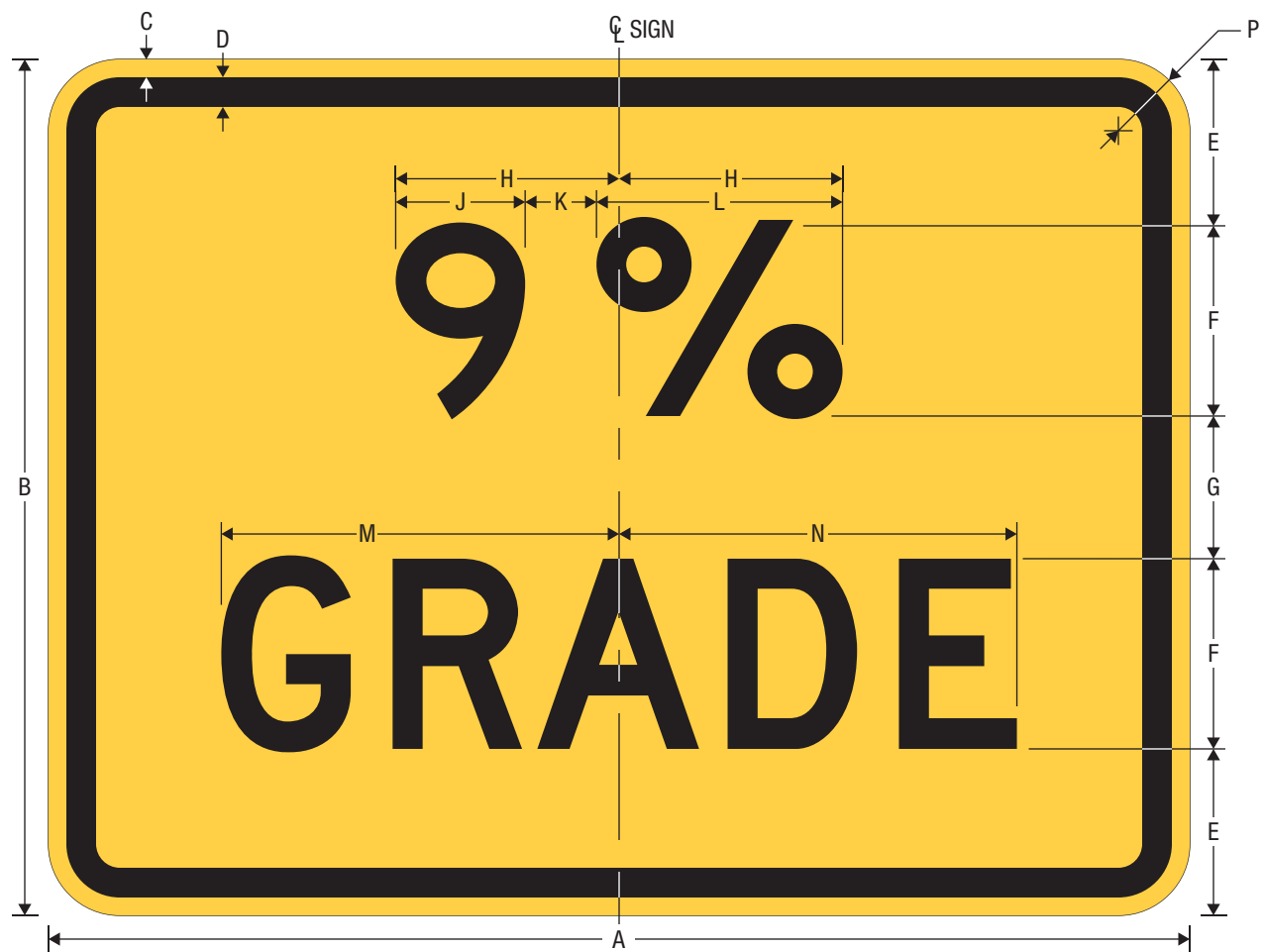
W7-2bP

TRUCKS USE LOWER GEAR (PLAQUE)

A	B	C	D	E	F	G	H
24	18	0.375	0.625	3	3 C	1.5	6.213

J	K	L	M	N	P	Q	R
6.212	5.912	2	1.266	9.179	4.052	4.051	1.5

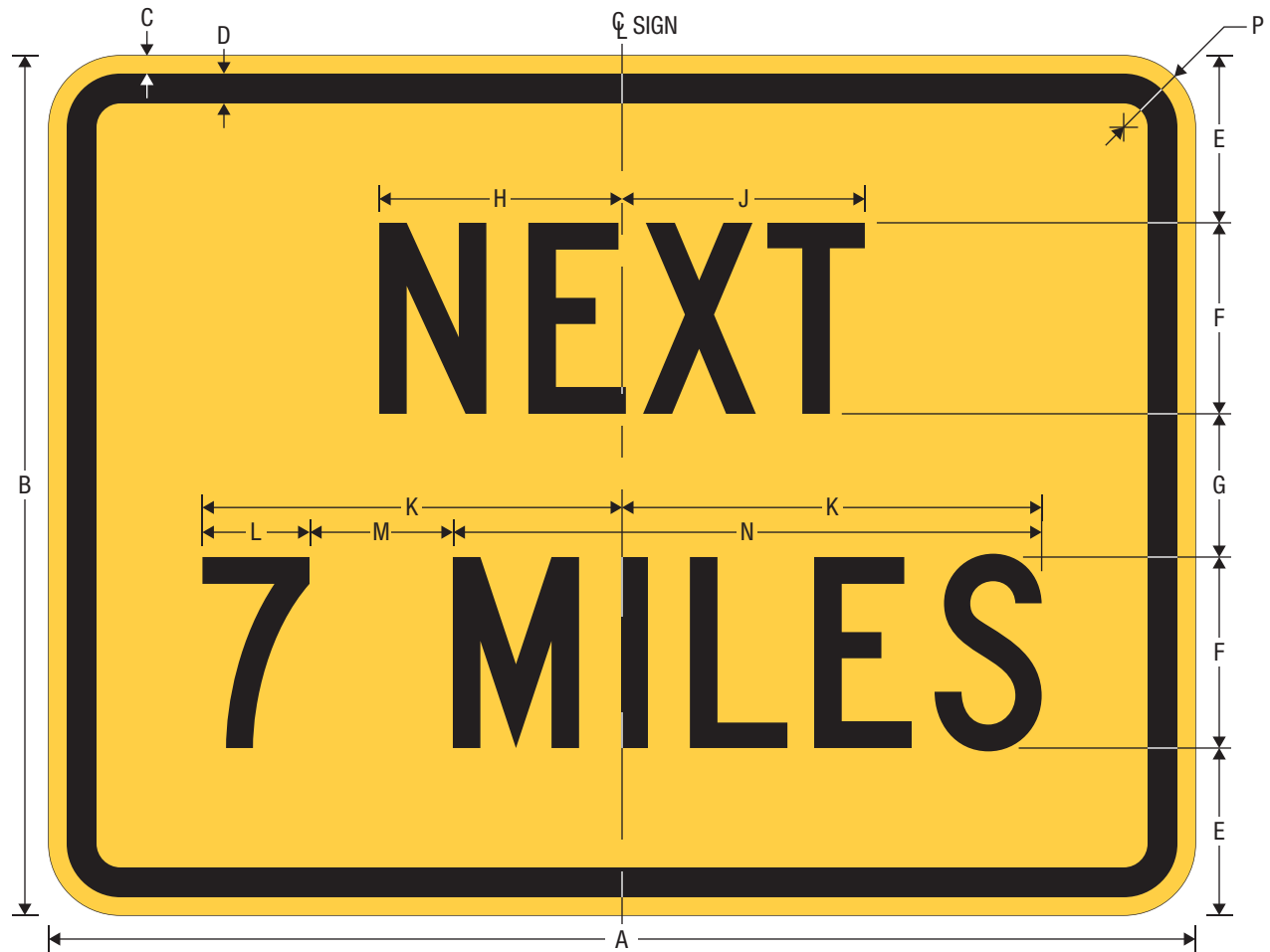
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W7-3P
XX% GRADE (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	18	0.375	0.625	3.5	4 D	3	VAR	VAR	1.5	5.175	8.366	8.366	1.5
30	24	0.375	0.625	5	5 D	4	VAR	VAR	1.875	6.469	10.458	10.457	1.5

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



W7-3aP
NEXT XX MILES (PLAQUE)

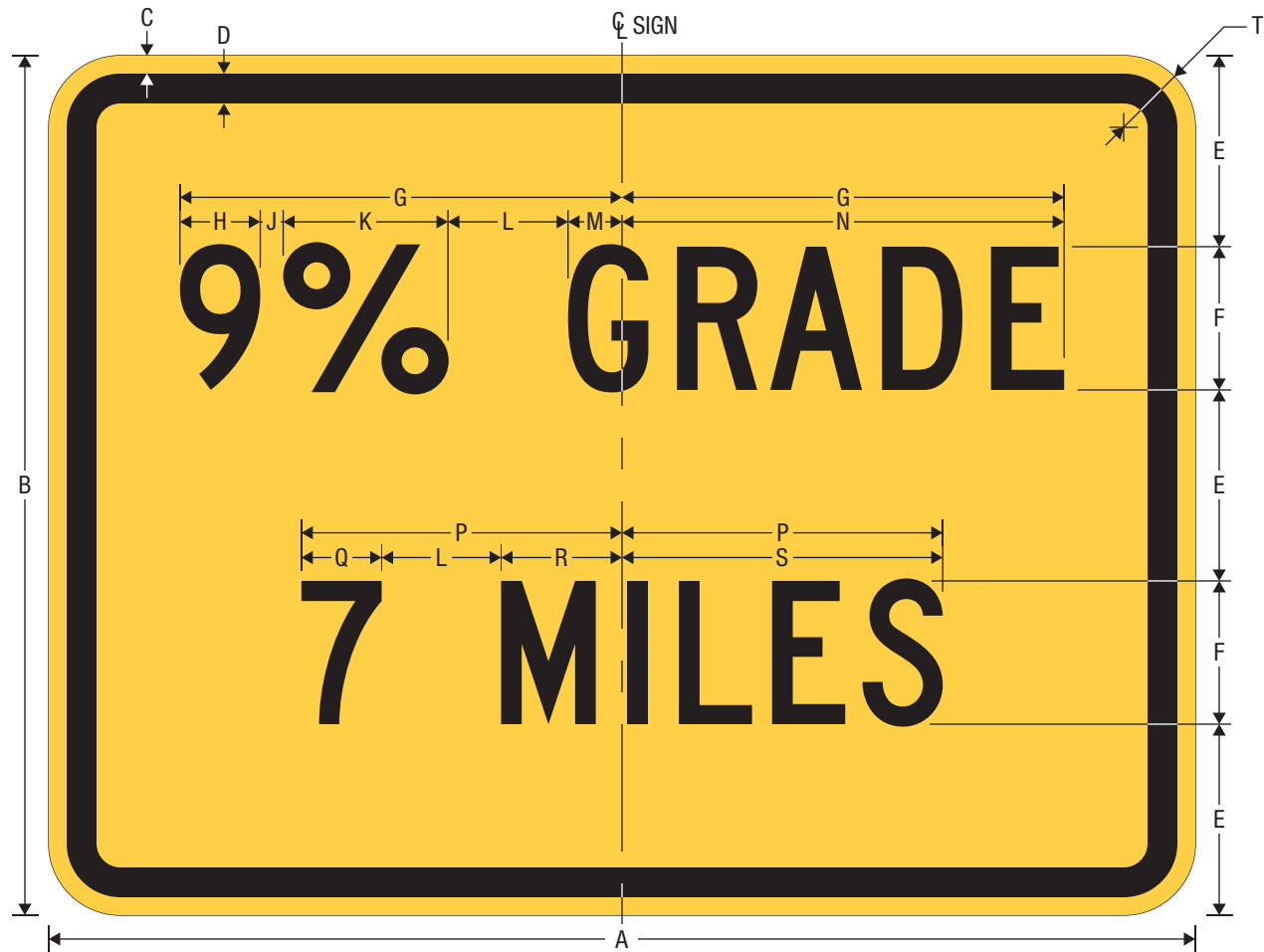
A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	18	0.375	0.625	3.5	4 C	3	5.082	5.082	VAR	VAR	3	12.325	1.5
30	24	0.375	0.625	5	5 C	4	6.353	6.352	VAR	VAR	4	15.406	1.5
36	30	0.5	0.75	6.5	6 C	5	7.623	7.623	VAR	VAR	5	18.488	1.875

WARNING SIGN

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

TTC SIGN

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



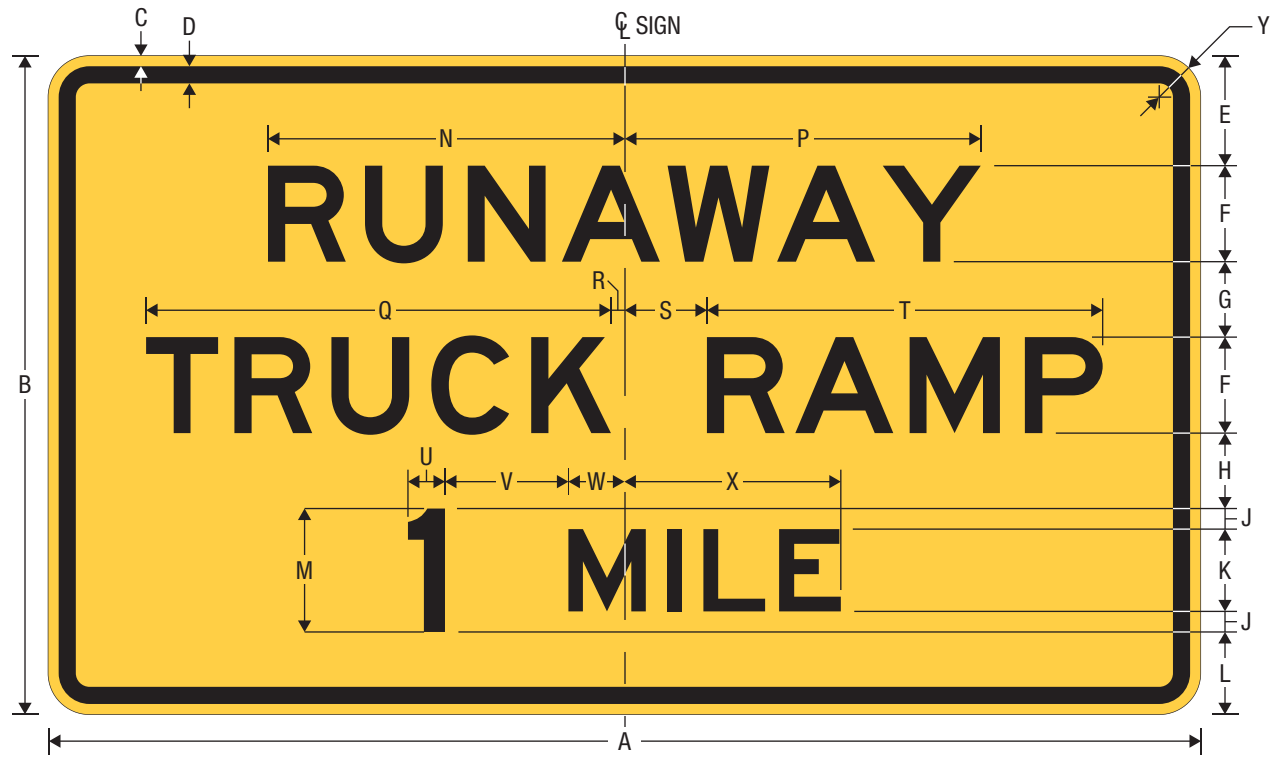
W7-3bP

XX% GRADE XX MILES (PLAQUE)

A	B	C	D	E	F	G	H	J
24	18	0.375	0.625	4	3 C	VAR	VAR	0.480

K	L	M	N	P	Q	R	S	T
3.463	2.5	1.130	9.254	VAR	VAR	2.532	6.712	1.5

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



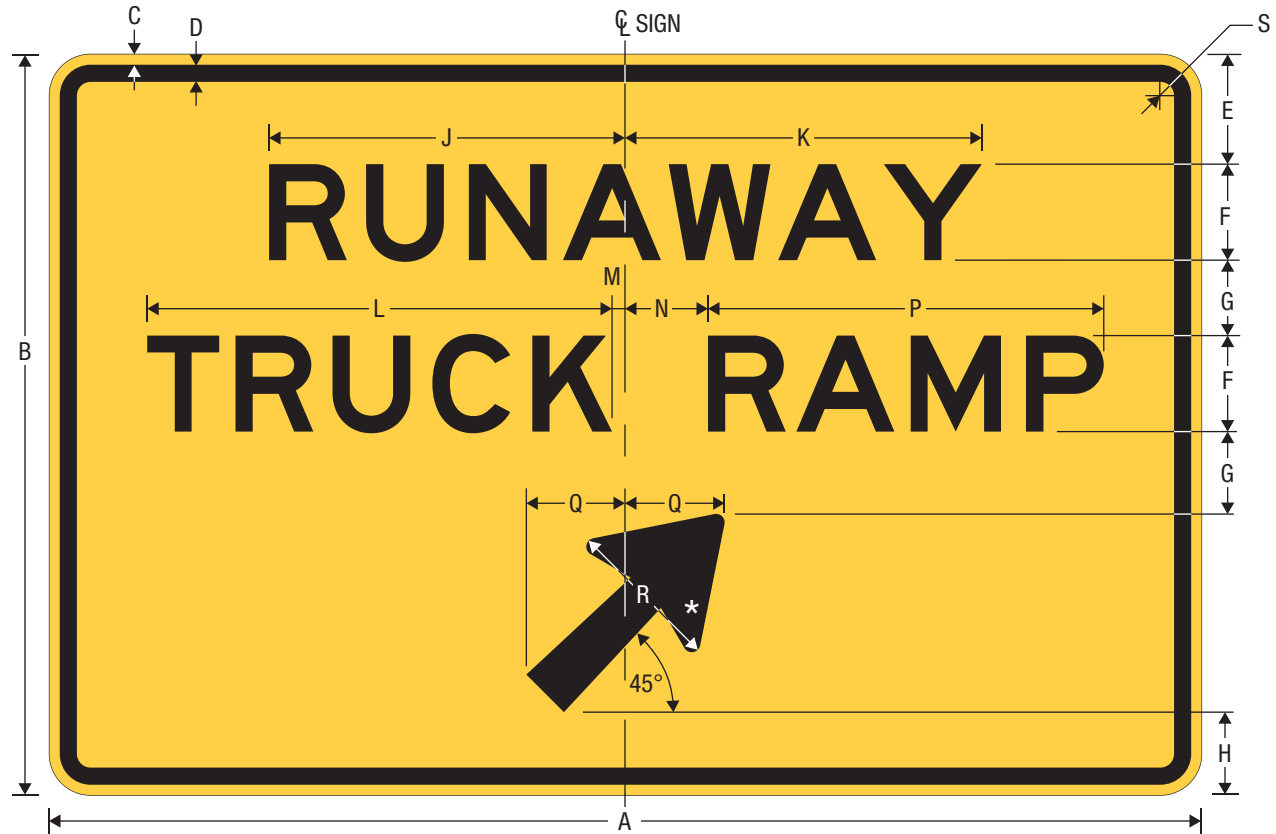
W7-4

RUNAWAY TRUCK RAMP XX MILES

A	B	C	D	E	F	G	H	J	K	L	M
84	48	0.75	1.25	8	7 E	5.5	5.5	1.5	6 E	6	9 E
120	72	0.75	1.25	10.5	10 E	11	8	2	8 E	10.5	12 E

N	P	Q	R	S	T	U	V	W	X	Y
25.986	25.986	33.894	0.981	6.019	28.856	VAR	9	4.082	15.781	3
37.123	37.122	48.420	1.401	8.599	41.223	VAR	12	5.442	21.042	6

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



W7-4b

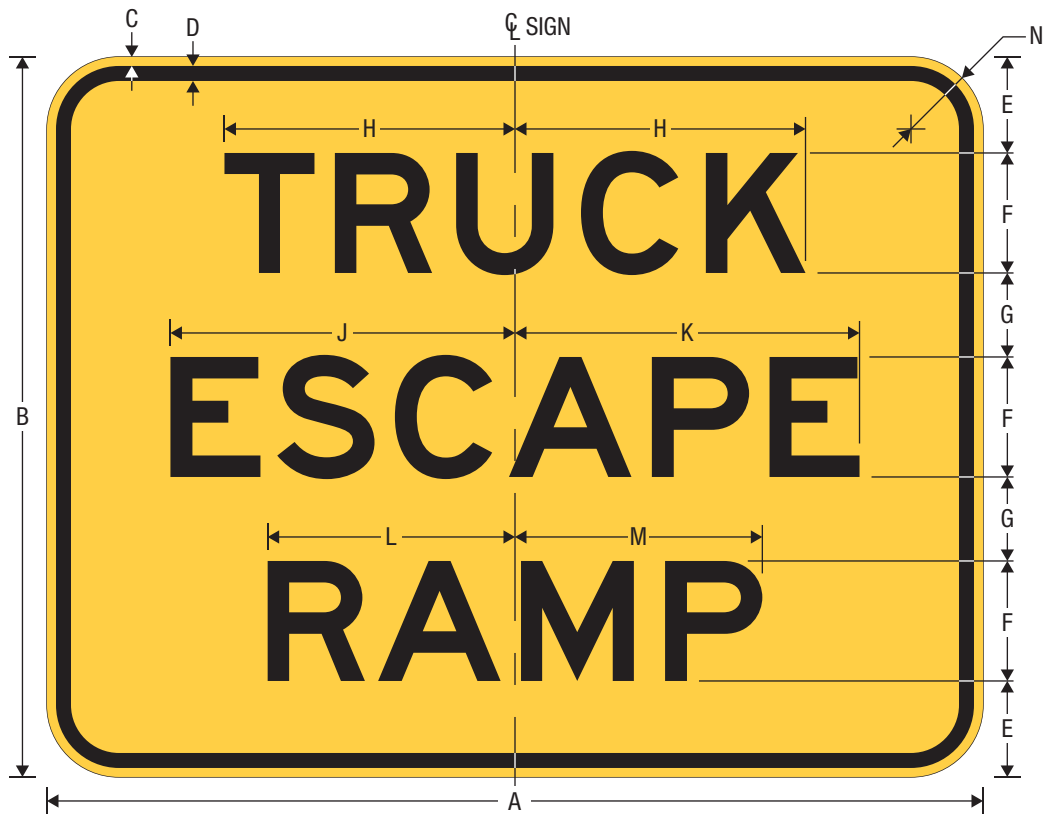
RUNAWAY TRUCK RAMP ENTRANCE DIRECTION

* See page 7-1 for arrow design.

A	B	C	D	E	F	G	H	J
84	54	0.75	1.25	8	7 E	5.5	6	25.986
120	78	0.75	1.25	11	10 E	8	7.976	37.123

K	L	M	N	P	Q	R	S
25.986	33.894	0.981	6.019	28.856	7.229	11.25	3
37.122	48.420	1.401	8.599	41.223	11.512	18.25	6

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



W7-4c
TRUCK ESCAPE RAMP

A	B	C	D	E	F	G	H	J	K	L	M	N
78	60	0.75	1.25	8	10 E	7	24.210	28.712	28.711	20.612	20.611	3

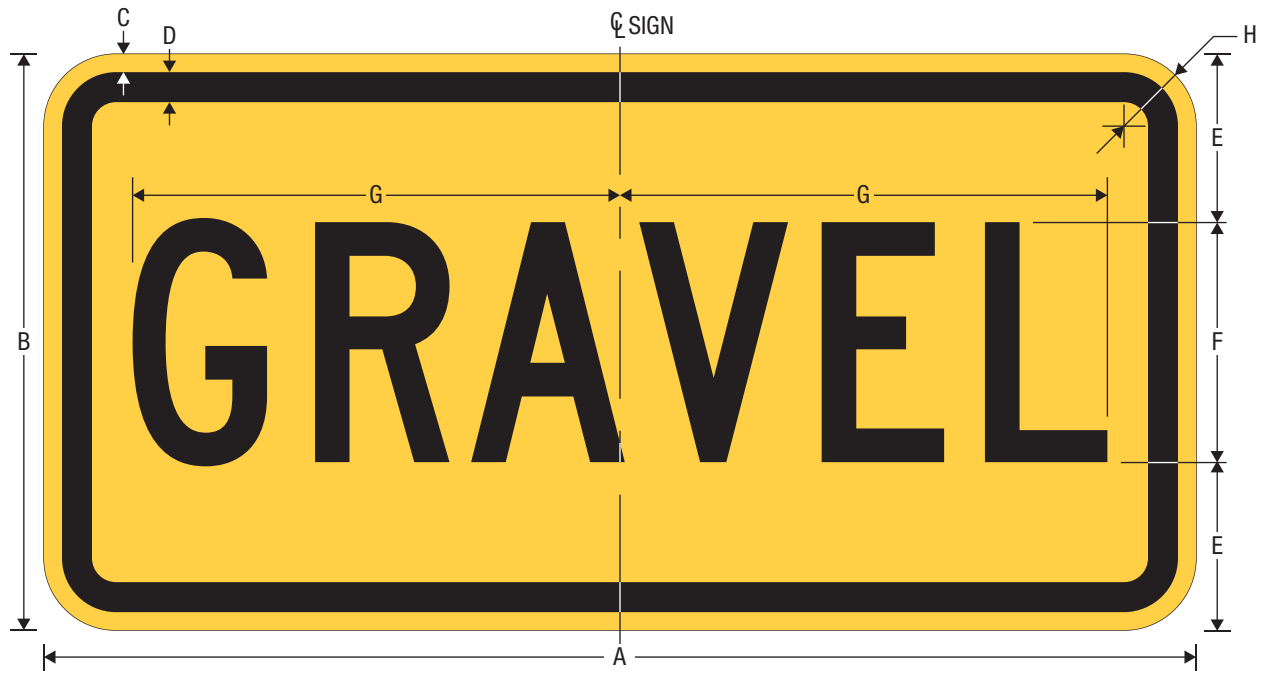
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W7-4dP
SAND (PLAQUE)

A	B	C	D	E	F	G	H
24	12	0.375	0.625	3.5	5 D	8.407	1.5

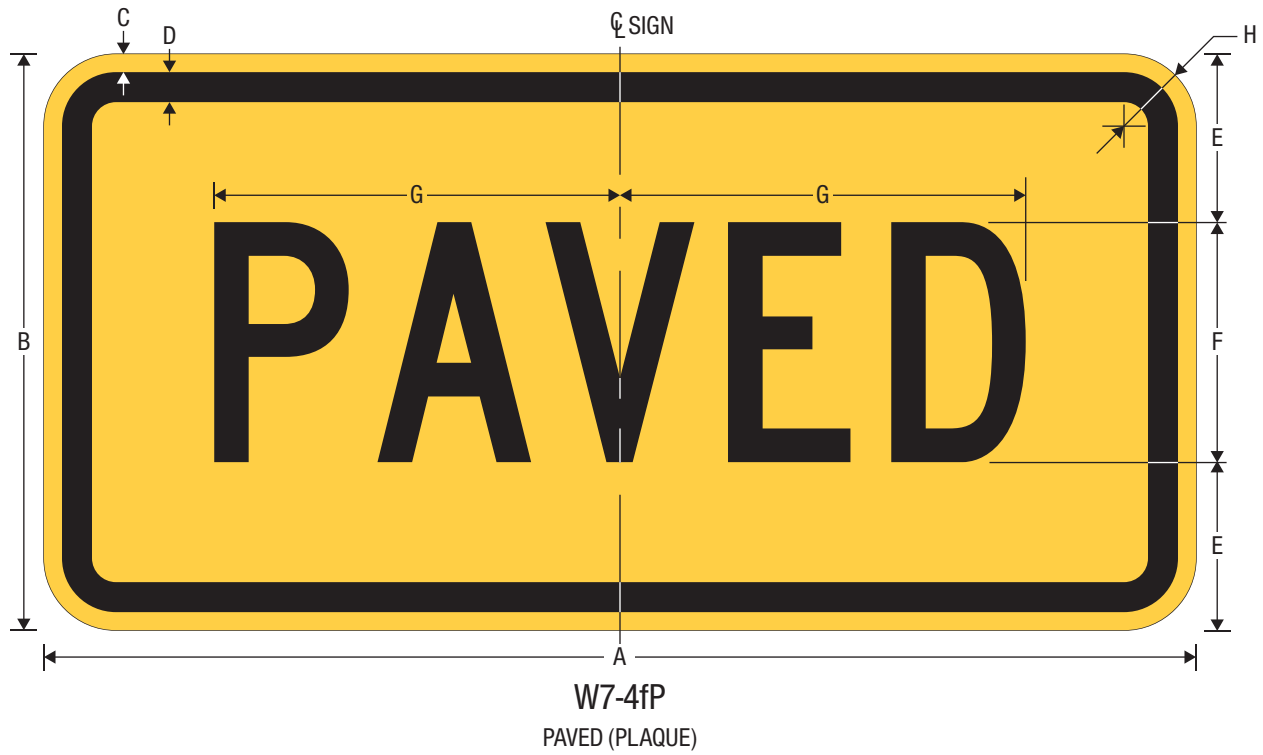
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W7-4eP
GRAVEL (PLAQUE)

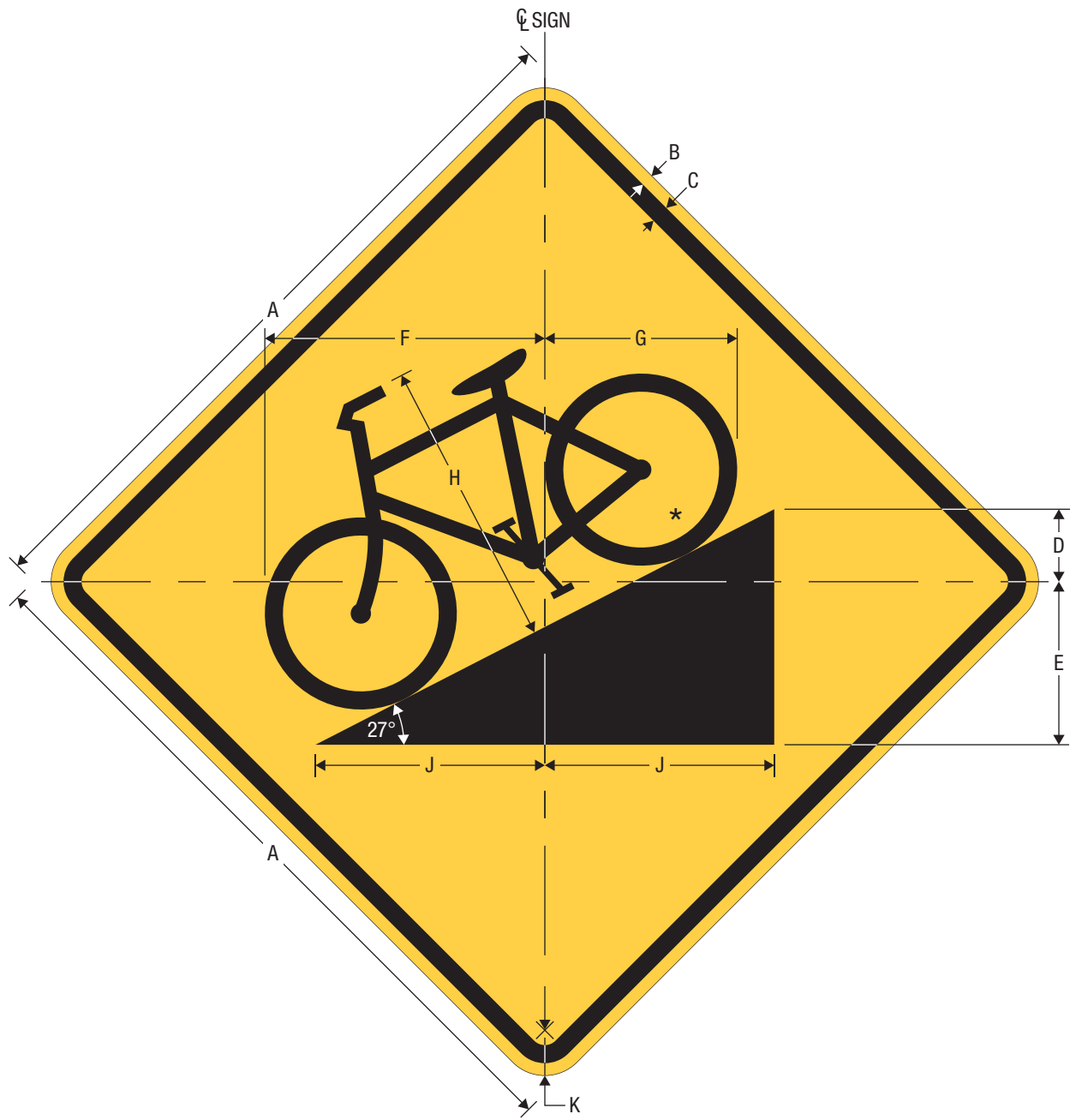
A	B	C	D	E	F	G	H
24	12	0.375	0.625	3.5	5 C	10.154	1.5

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



A	B	C	D	E	F	G	H
24	12	0.375	0.625	3.5	5 C	8.453	1.5

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

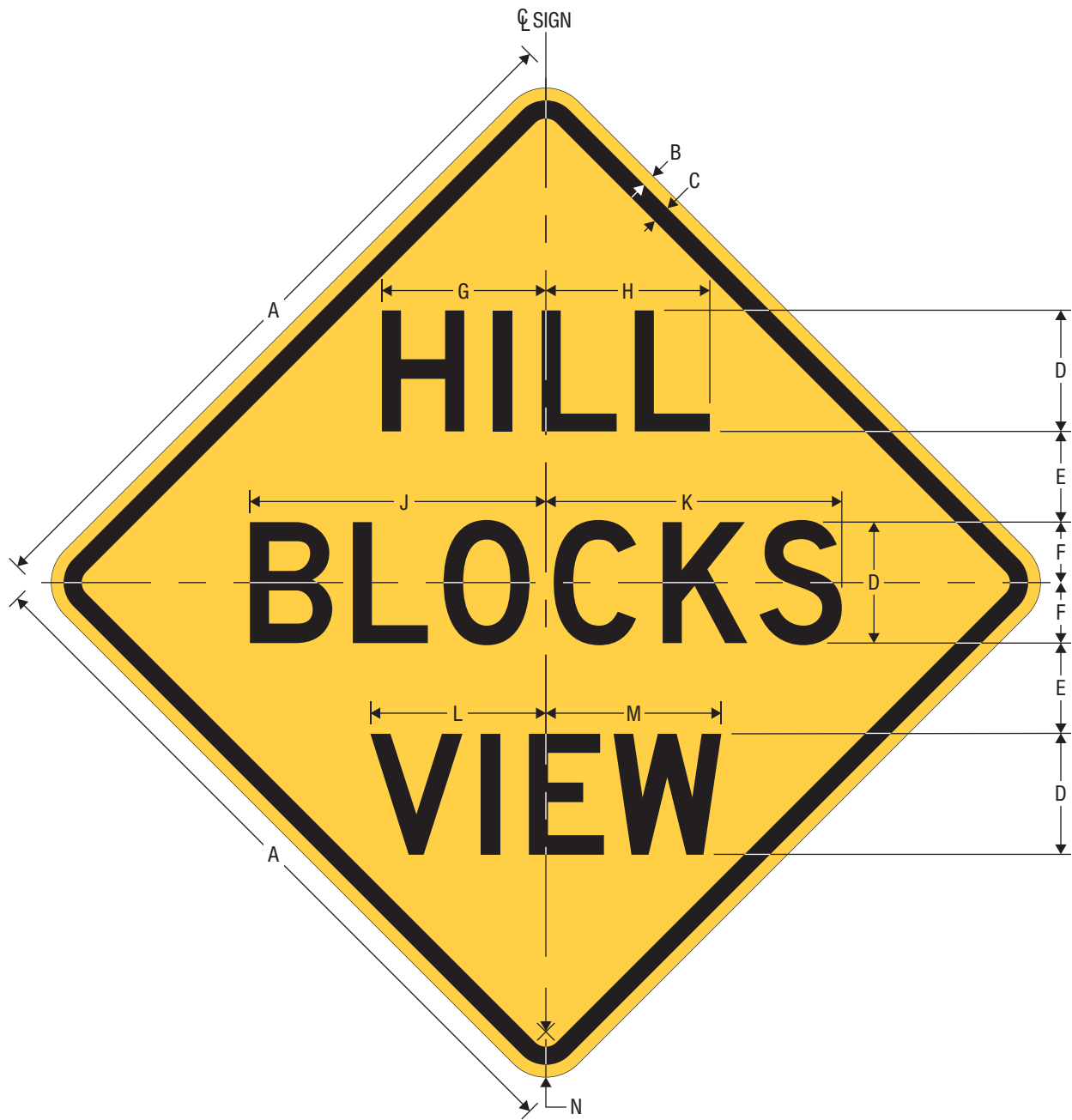


W7-5
HILL (BICYCLE)

* See page 8-4 for symbol design.

A	B	C	D	E	F	G	H	J	K
18	0.375	0.625	1.75	4	7.005	4.820	7.25	5.625	1.5
30	0.5	0.75	3	6.75	11.596	7.967	12	9.5	1.875

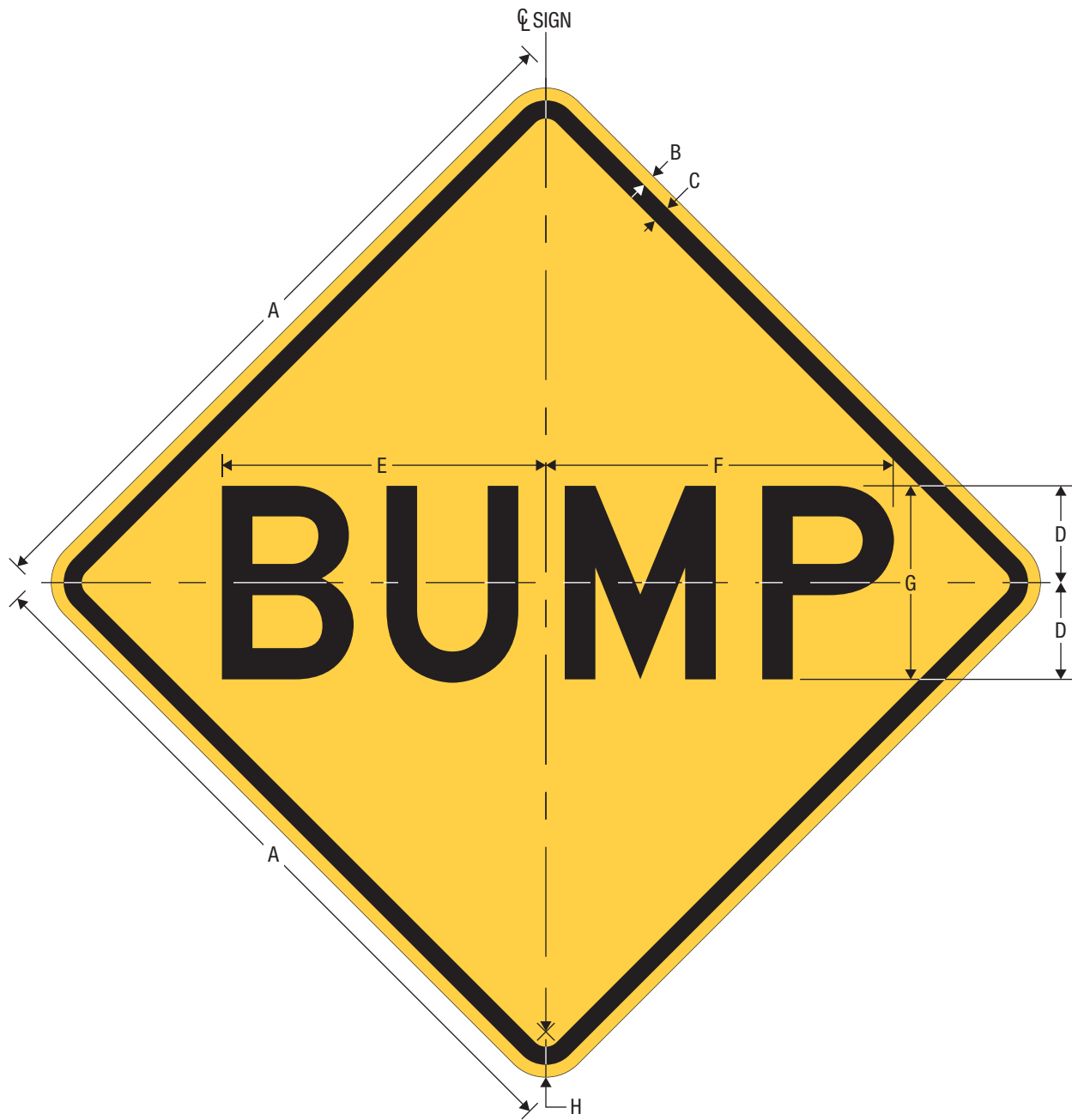
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W7-6
HILL BLOCKS VIEW

A	B	C	D	E	F	G	H	J	K	L	M	N
30	0.5	0.75	5 D	3.75	2.5	6.778	6.778	12.234	12.234	7.253	7.253	1.875
36	0.625	0.875	6 D	4.5	3	8.134	8.134	14.681	14.680	8.704	8.704	2.25
48	0.75	1.25	7 D	5.25	3.5	9.490	9.489	17.128	17.127	10.155	10.154	3

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

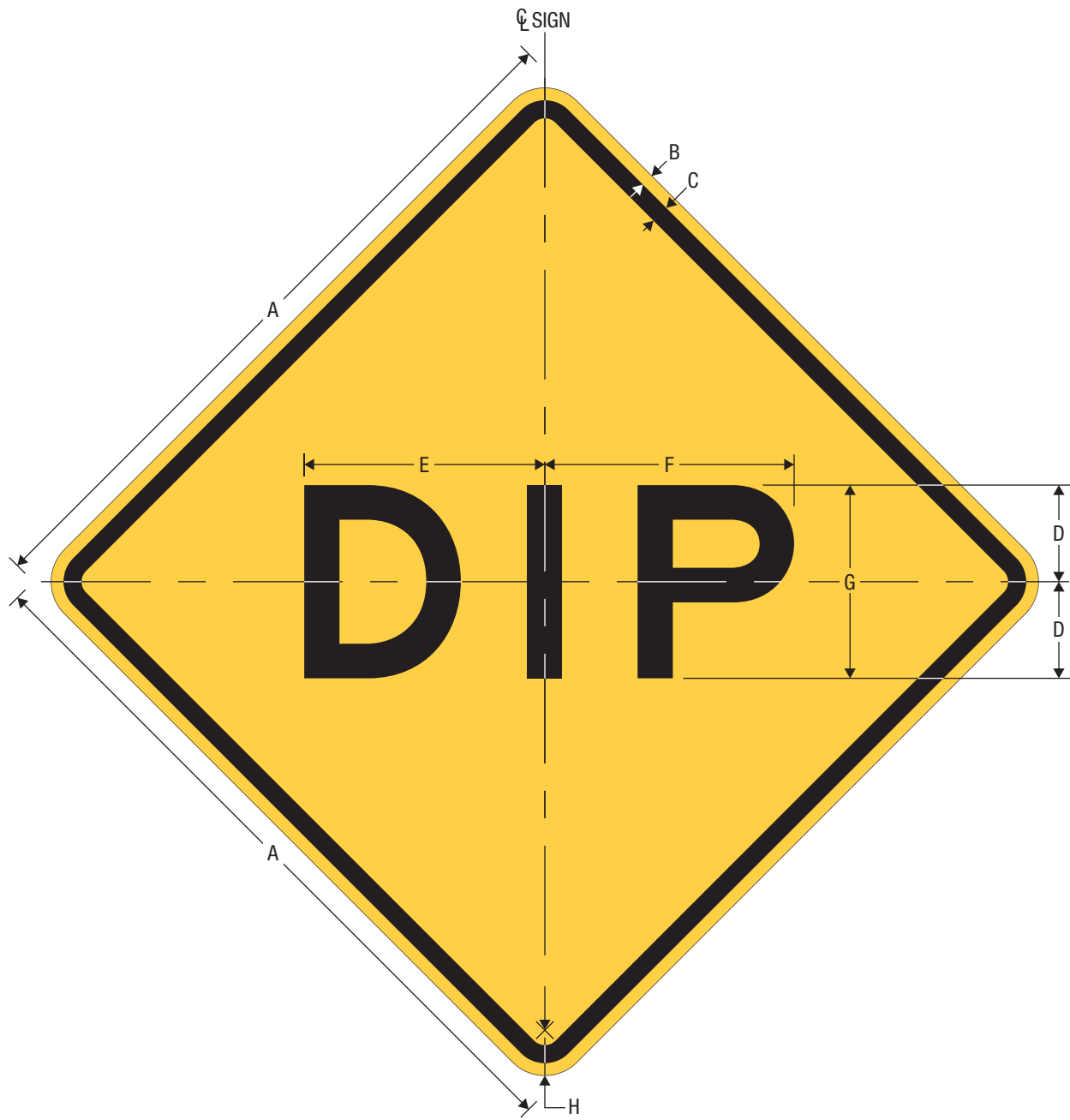


W8-1
BUMP

A	B	C	D	E	F	G	H
18	0.375	0.625	2	6.821	7.070	4 D	1.5
24	0.375	0.625	3	10.169	10.668	6 D	1.5
30	0.5	0.75	4	13.391	14.391	8 D	1.875
36	0.625	0.875	5	16.614	18.114	10 D	2.25
48	0.75	1.25	6	20.087	21.586	12 D	3

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

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



W8-2
DIP

* Increase Spacing 50%.

A	B	C	D	E	F	G	H
18	0.375	0.625	2.5	6.215	6.465	5 E*	1.5
24	0.375	0.625	3	7.483	7.733	6 E*	1.5
30	0.5	0.75	4	10.019	10.269	8 E*	1.875
36	0.625	0.875	5	12.430	12.930	10 E*	2.25
48	0.75	1.25	6	14.966	15.466	12 E*	3

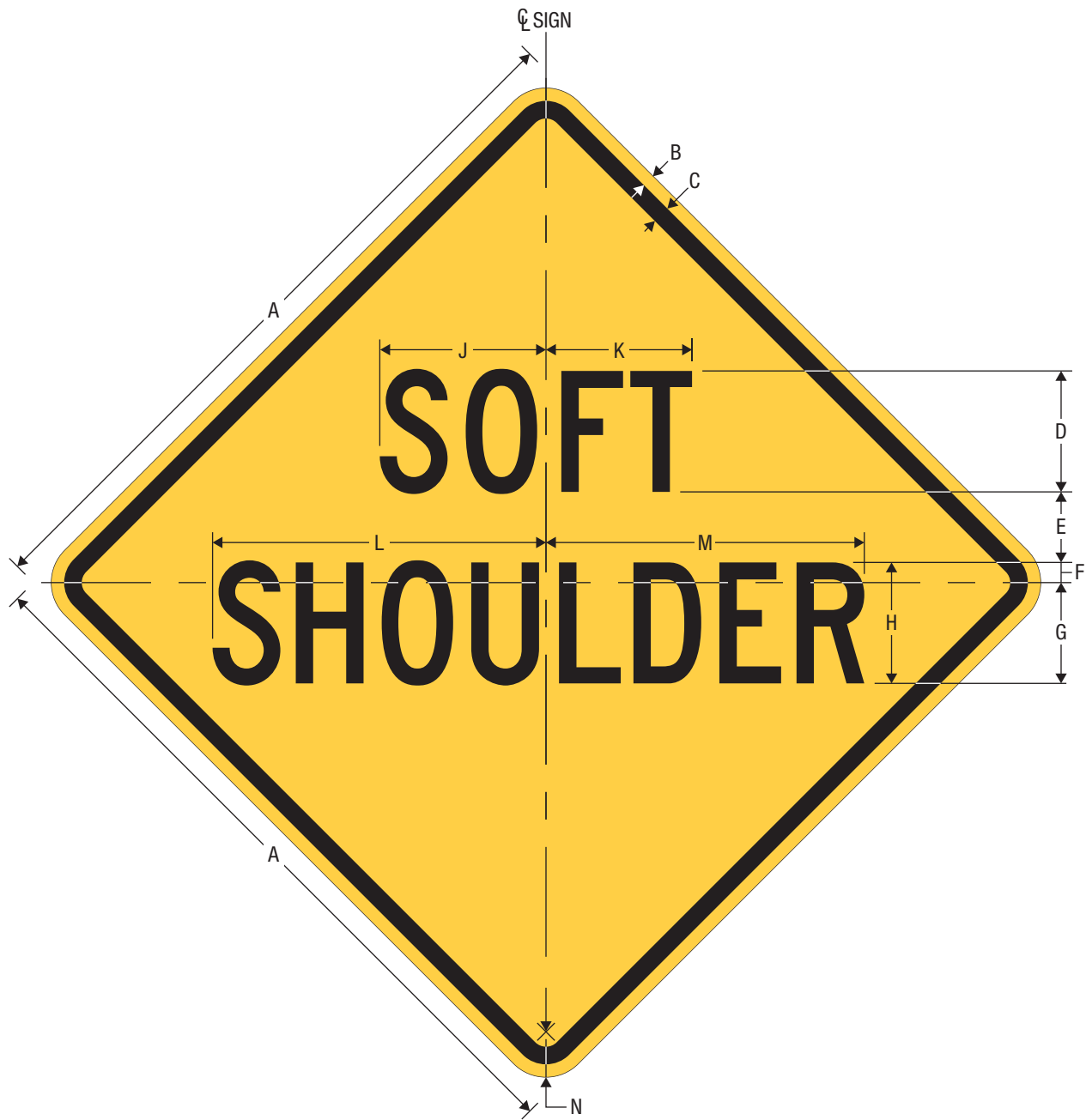
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W8-3
PAVEMENT ENDS

A	B	C	D	E	F	G	H	J	K	L	M
18	0.375	0.625	2.5	0.5	1.75	3 C	8.389	8.388	4.097	4.096	1.5
30	0.5	0.75	4.25	0.75	3	5 C	13.981	13.980	6.828	6.827	1.875
36	0.625	0.875	5	1	3.5	6 C	16.777	16.777	8.193	8.193	2.25
48	0.75	1.25	7	1	5	8 C	22.369	22.369	10.924	10.924	3

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



W8-4
SOFT SHOULDER

* Reduce Spacing 25%.

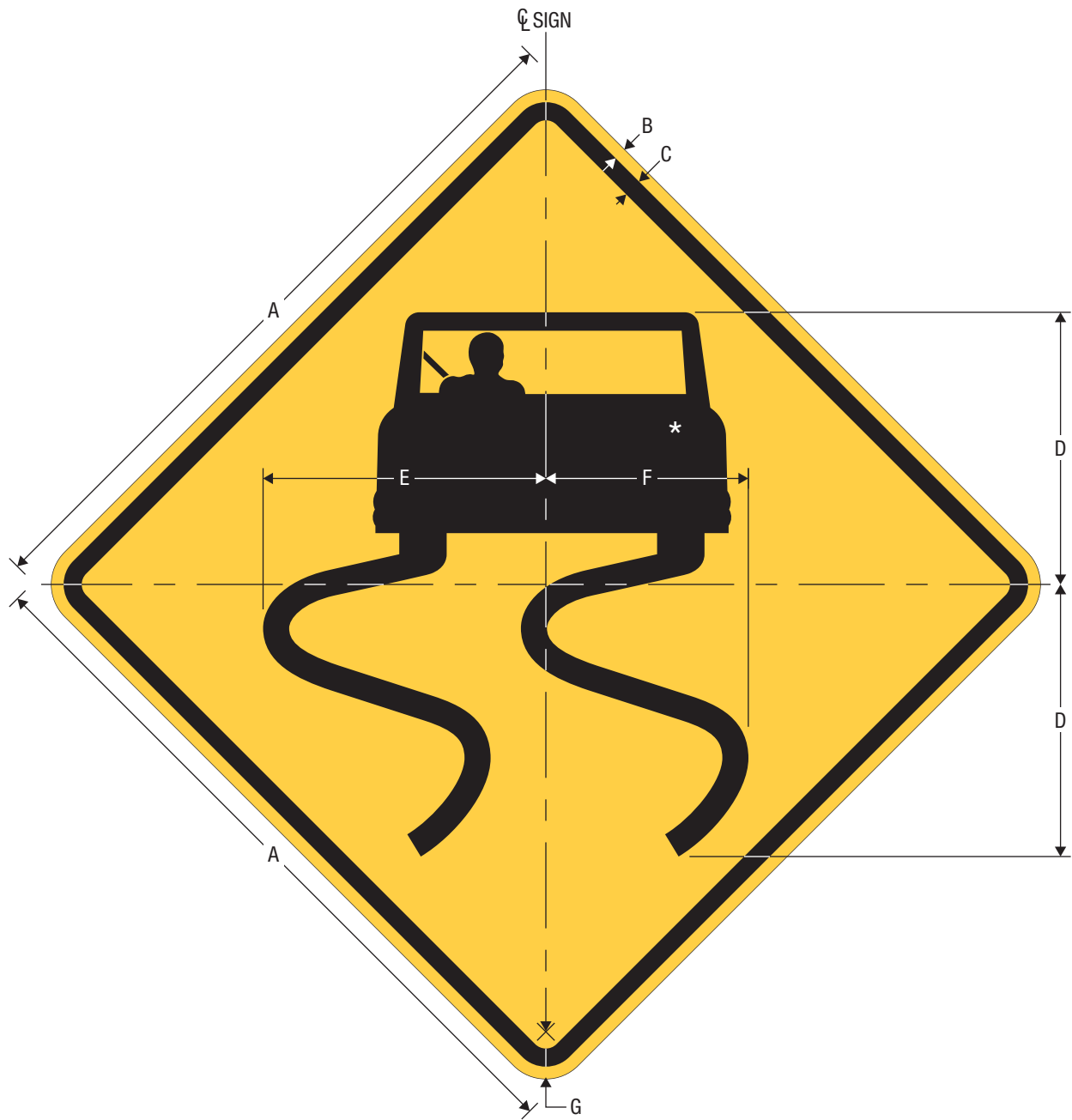
A	B	C	D	E	F	G	H	J	K	L	M	N
24	0.375	0.625	4 C	2.5	0.5	3.5	4 C*	5.537	4.787	11.024	10.524	1.5
30	0.5	0.75	5 C	3	0.75	4.25	5 C*	6.890	6.015	13.780	13.155	1.875
36	0.625	0.875	6 C	3.5	1	5	6 C*	8.243	7.243	16.536	15.786	2.25
48	0.75	1.25	8 C	5	1.25	6.75	8 C*	10.949	9.699	22.048	21.048	3

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 8-29 for symbol design.

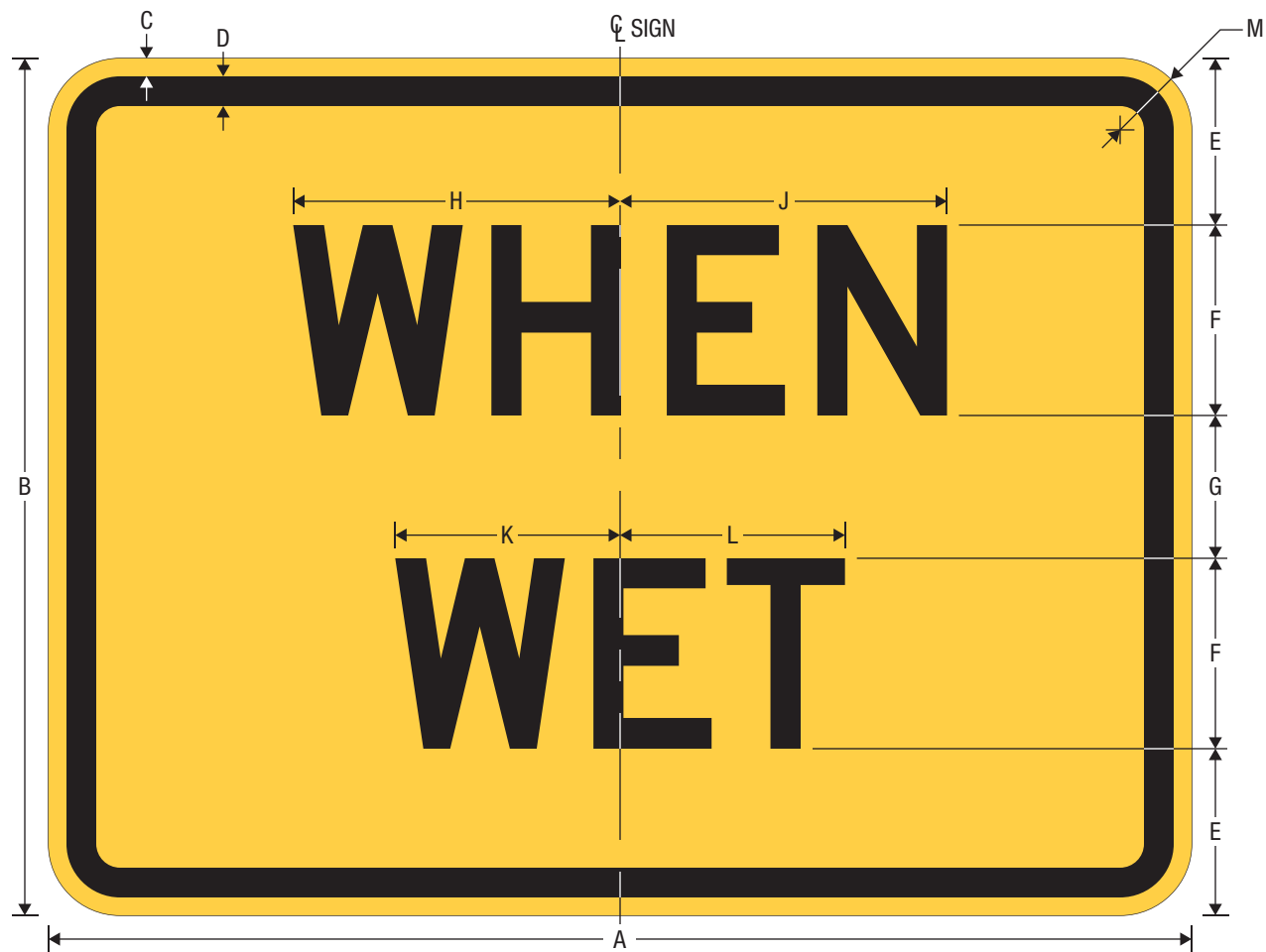
A	B	C	D	E	F	G
24	0.375	0.625	9	9.352	6.699	1.5
30	0.5	0.75	11.25	11.690	8.373	1.875
36	0.625	0.875	13.5	14.028	10.048	2.25
48	0.75	1.25	18	18.704	13.397	3

WARNING SIGN

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

TTC SIGN

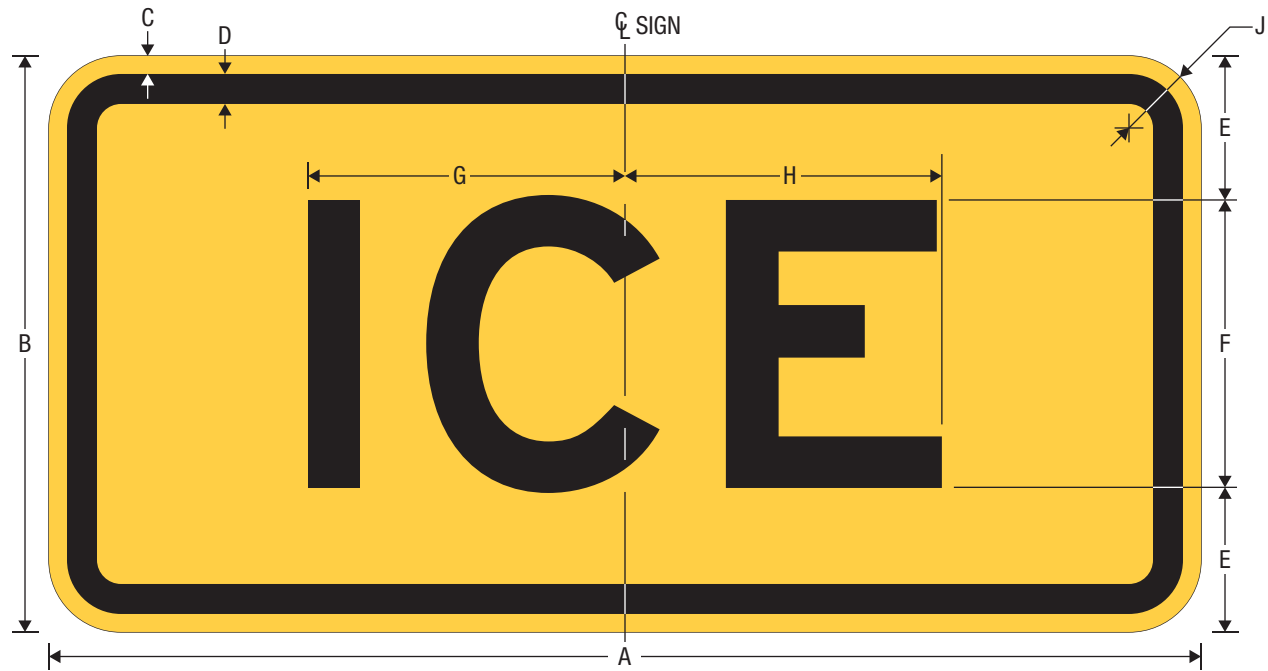
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W8-5P
WHEN WET (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M
24	18	0.375	0.625	3.5	4 D	3	6.865	6.864	4.722	4.722	1.5
30	24	0.375	0.625	4.25	6 D	3.5	10.297	10.297	7.083	7.083	1.5
36	30	0.5	0.75	5.75	7 D	4.5	12.013	12.013	8.264	8.263	1.875

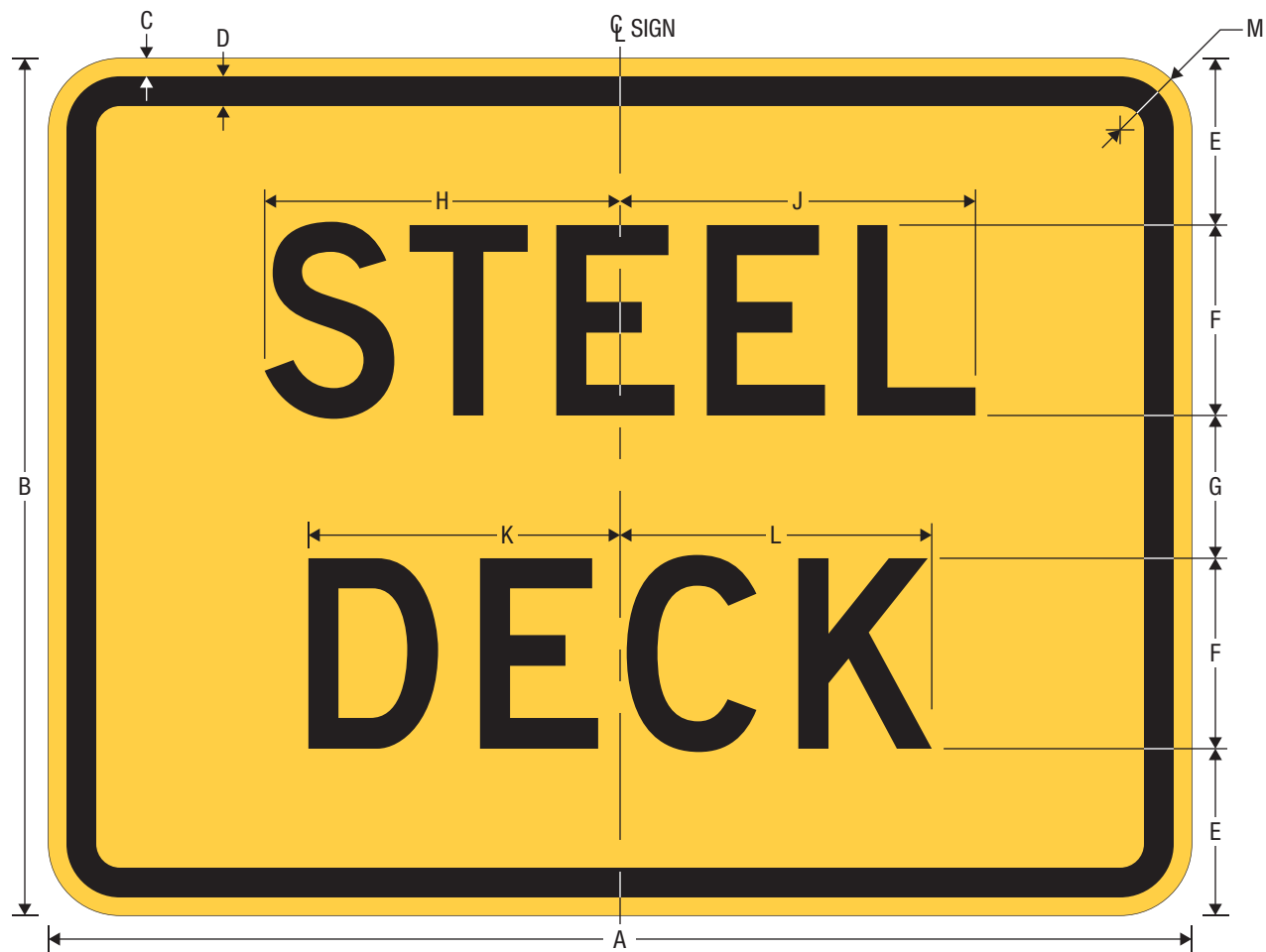
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W8-5aP
ICE (PLAQUE)

A	B	C	D	E	F	G	H	J
24	12	0.375	0.625	3	6 E	6.602	6.601	1.5
30	18	0.375	0.625	5	8 E	8.802	8.802	1.5

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



W8-5bP
STEEL DECK (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M
24	18	0.375	0.625	3.5	4 D	3	7.464	7.463	6.545	6.544	1.5
30	24	0.375	0.625	5	5 D	4	9.330	9.329	8.181	8.180	1.5
36	30	0.5	0.75	5.75	7 D	4.5	13.061	13.061	11.453	11.453	1.875

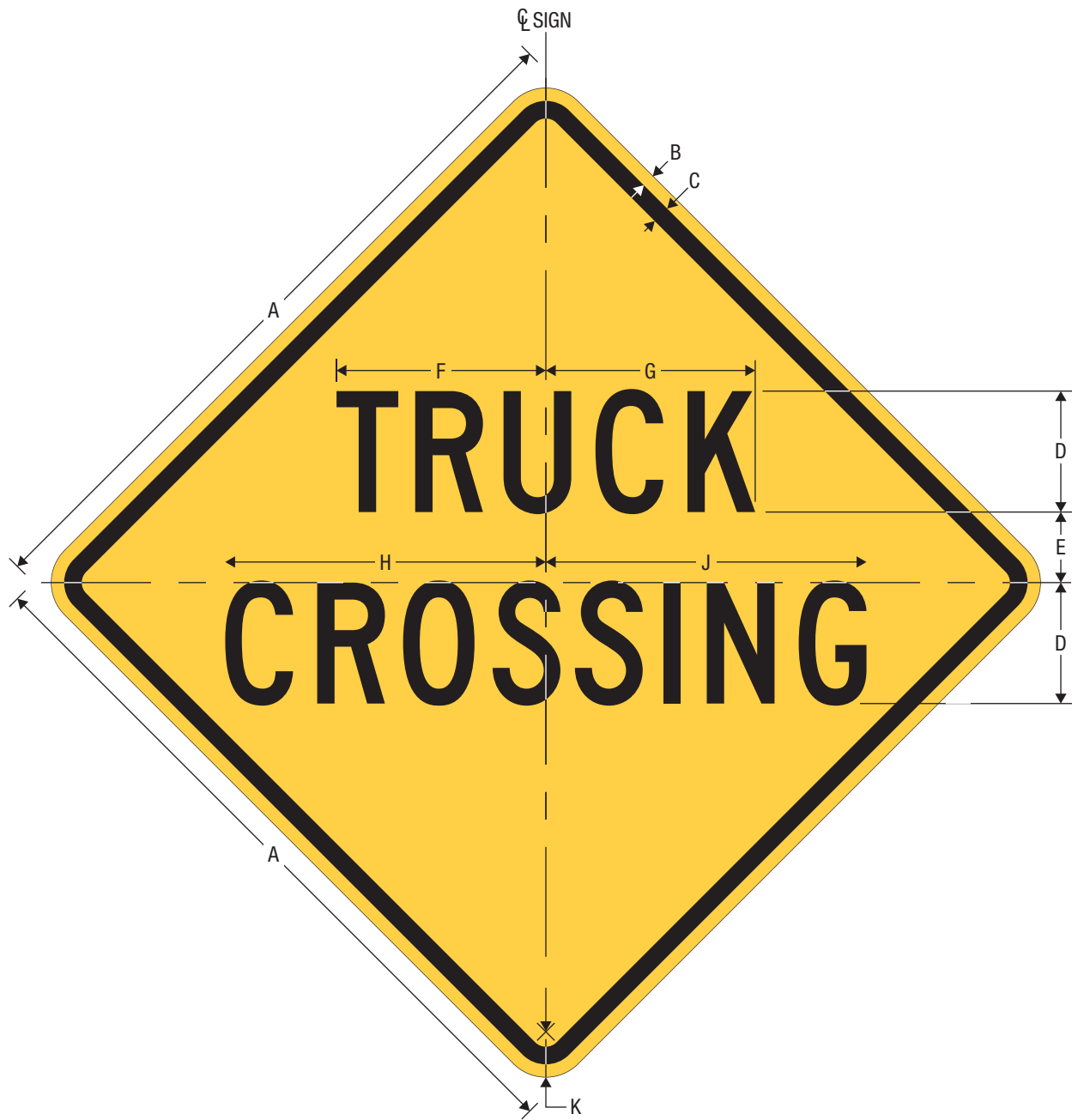
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W8-5cP
EXCESS OIL (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M
24	18	0.375	0.625	3.5	4 D	3	9.267	9.267	3.902	3.901	1.5
30	24	0.375	0.625	5	5 D	4	11.584	11.584	4.877	4.877	1.5
36	30	0.5	0.75	6.5	6 D	5	13.901	13.900	5.853	5.852	1.875

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



W8-6
TRUCK CROSSING

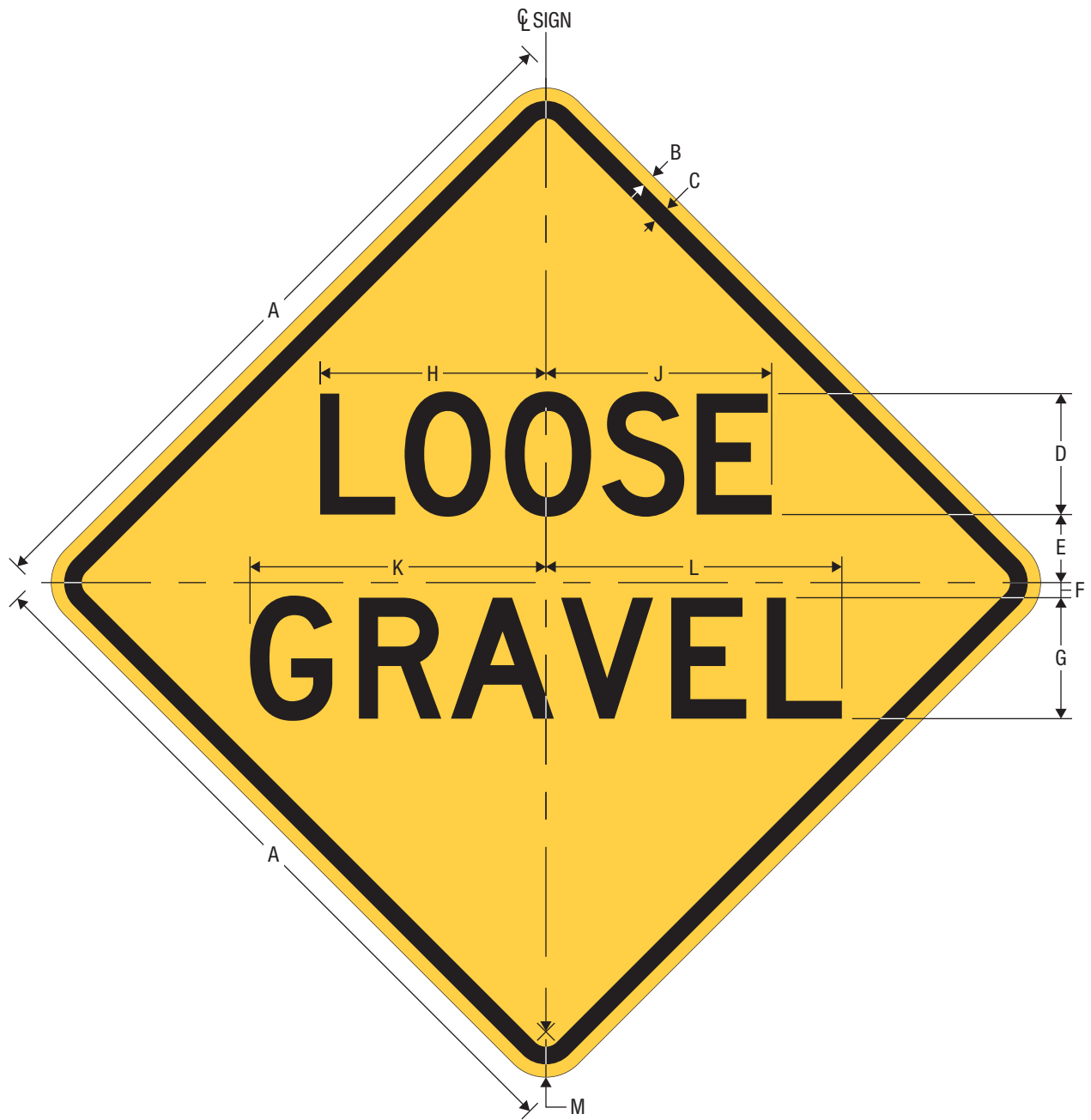
A	B	C	D	E	F	G	H	J	K
24	0.375	0.625	4 C	2.5	6.923	6.922	10.604	10.603	1.5
30	0.5	0.75	5 C	3	8.653	8.653	13.255	13.254	1.875
36	0.625	0.875	6 C	3.5	10.384	10.384	15.906	15.905	2.25
48	0.75	1.25	8 C	5	13.845	13.845	21.207	21.207	3

WARNING SIGN

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

TTC SIGN

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



W8-7
LOOSE GRAVEL

* Reduce Spacing 40%.

A	B	C	D	E	F	G	H	J	K	L	M
24	0.375	0.625	4 D	2.25	0.5	4 D	7.465	7.464	8.954	8.954	1.5
30	0.5	0.75	5 D	2.875	0.625	5 D	9.331	9.330	12.233	12.232	1.875
36	0.625	0.875	6 D	3.375	0.75	6 D	11.197	11.196	14.679	14.679	2.25
48	0.75	1.25	8 D*	4.5	1	8 D	14.929	14.929	19.572	19.572	3

WARNING SIGN

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

TTC SIGN

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



W8-8
ROUGH ROAD

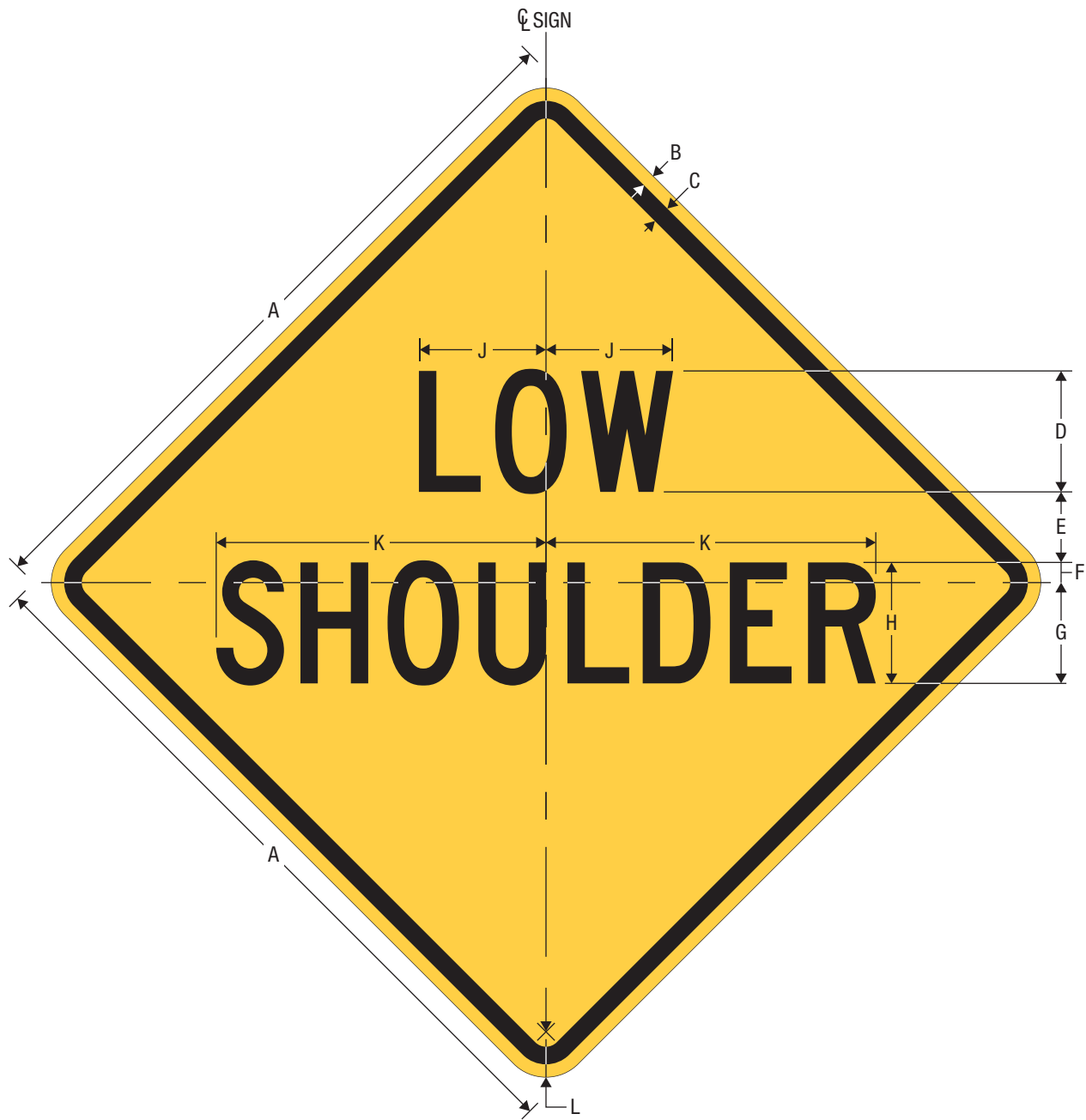
A	B	C	D	E	F	G	H	J	K	L
24	0.375	0.625	4 D	0.75	2.25	8.487	8.487	6.705	6.705	1.5
30	0.5	0.75	5 D	0.875	3.125	10.609	10.609	8.382	8.381	1.875
36	0.625	0.875	6 D	1	4	12.7317	12.730	10.058	10.057	2.25
48	0.75	1.25	8 D	1.5	4.5	16.974	16.974	13.410	13.410	3

WARNING SIGN

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

TTC SIGN

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



W8-9
LOW SHOULDER

* Reduce Spacing 20%.

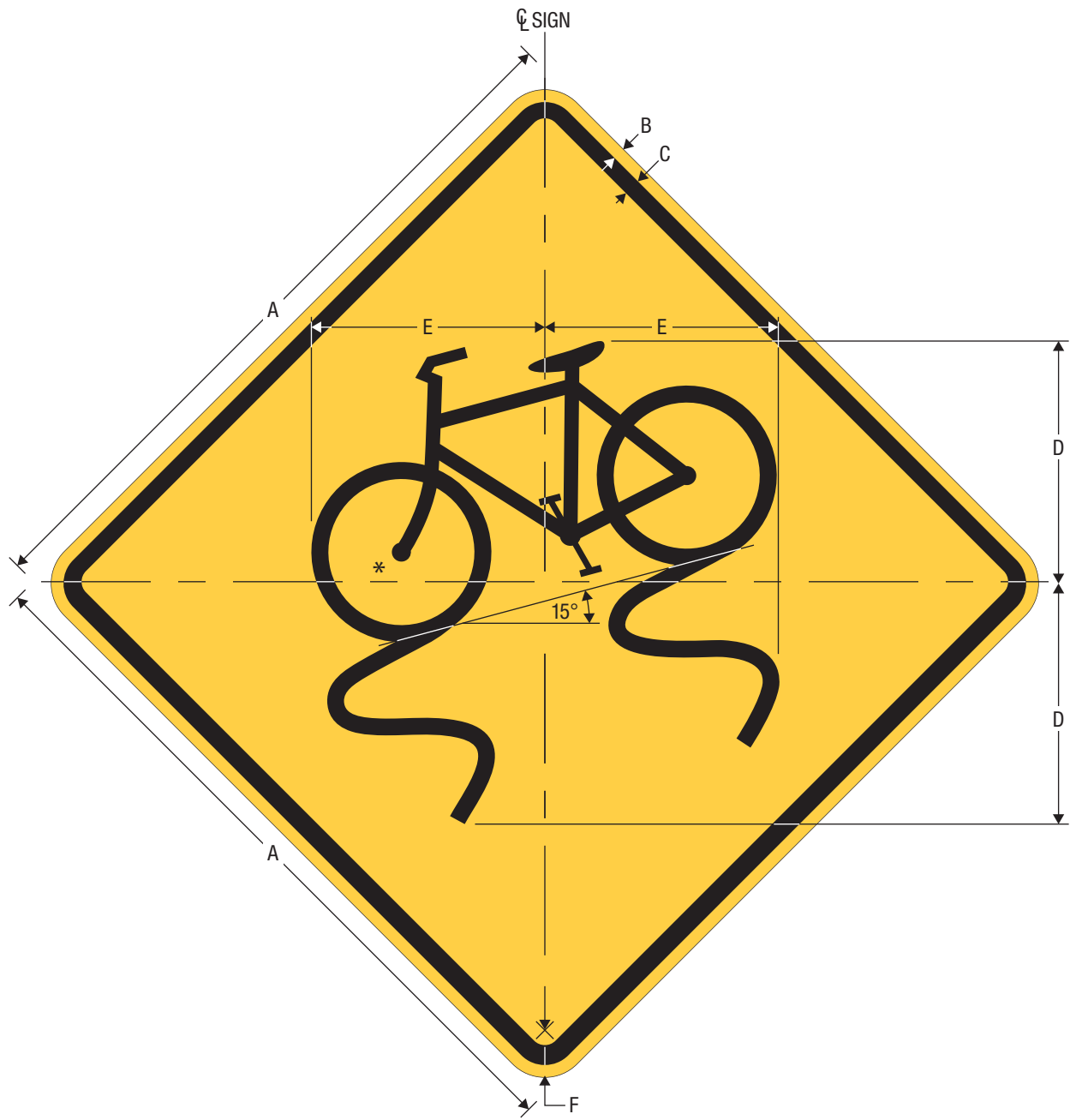
A	B	C	D	E	F	G	H	J	K	L
24	0.375	0.625	4 C	2.25	0.5	3.5	4 C*	4.202	10.904	1.5
36	0.625	0.875	6 C	3.5	1	5	6 C*	6.303	16.356	2.25
48	0.75	1.25	8 C	5	1.25	6.75	8 C*	8.404	21.808	3

WARNING SIGN

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

TTC SIGN

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



W8-10
BICYCLE SURFACE CONDITION

* See page 8-30 for symbol design.

A	B	C	D	E	F
18	0.375	0.625	6	5.815	1.5
30	0.5	0.75	10	9.692	1.875

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



W8-10P
SLIPPERY WHEN WET (PLAQUE)

* Reduce Spacing 50%.

A	B	C	D	E	F	G	H	J	K	L	M	N
12	9	0.375	0.375	2	2 C*	1.5	1.5 C	4.637	4.200	0.182	1	3.017

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



W8-11
UNEVEN LANES

A	B	C	D	E	F	G	H	J	K
30	0.5	0.75	5 D	0.75	3	12.308	10.007	10.006	1.875
36	0.625	0.875	6 D	1	3.5	14.770	12.008	12.007	2.25
48	0.75	1.25	8 D	1.25	4.75	19.693	16.010	16.010	3

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

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



W8-12
NO CENTER LINE

A	B	C	D	E	F	G	H	J	K	L	M	N
30	0.5	0.75	5 D	3.75	3.5	1.5	4.028	4.028	11.908	11.907	6.778	1.875
36	0.625	0.875	6 D	4.5	4	2	4.834	4.833	14.289	14.289	8.134	2.25
48	0.75	1.25	8 D	6	5.75	2.25	6.445	6.445	19.052	19.052	10.845	3

WARNING SIGN

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

TTC SIGN

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



W8-13

BRIDGE ICES BEFORE ROAD

A	B	C	D	E	F	G	H	J
24	0.375	0.625	4 C*	2	4 C**	1.75	2.25	6.911
36	0.625	0.875	5 C	3.75	5 C	2.5	2.5	9.578
48	0.75	1.25	7 C	5.25	7 C	3.5	3.5	13.410

* Reduce Spacing 40%.

** Reduce Spacing 50%.

K	L	M	N	P	Q	R	S
6.910	8.123	2.5	2.002	12.624	5.194	5.194	1.5
9.578	11.454	4	2.452	17.906	6.903	6.902	2.25
13.409	16.035	5	3.733	24.768	9.664	9.663	3

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



W8-14
FALLEN ROCKS

A	B	C	D	E	F	G	H	J	K	L
24	0.375	0.625	4 D	1	2	9.385	9.384	7.997	8.496	1.5
30	0.5	0.75	5 D	1.125	2.5	11.731	11.730	10.058	10.558	1.875
36	0.625	0.875	6 D	1.5	3	14.077	14.077	12.120	12.620	2.25
48	0.75	1.25	8 D	2	4	18.769	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 Spacing 20%.

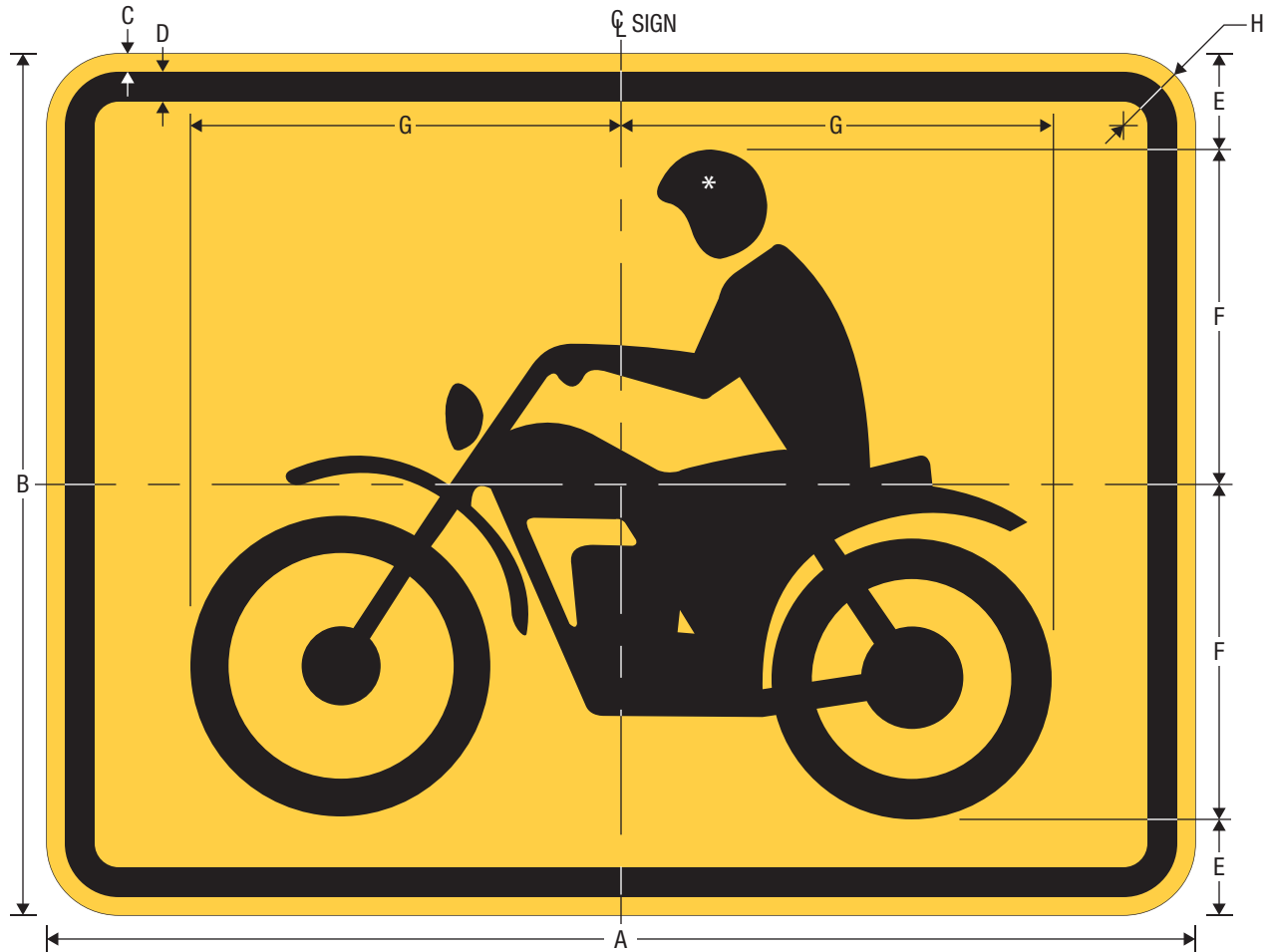
A	B	C	D	E	F	G	H	J	K	L
24	0.375	0.625	4 C*	2	0.25	9.520	9.519	10.527	11.026	1.5
30	0.5	0.75	5 C*	2.5	0.25	11.900	11.899	13.221	13.720	1.875
36	0.625	0.875	6 C*	3	0.375	14.280	14.279	15.665	16.665	2.25
48	0.75	1.25	8 C*	4	0.5	19.039	19.039	21.053	22.053	3

WARNING SIGN

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

TTC SIGN

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



W8-15aP
MOTORCYCLE (PLAQUE)

* See page 8-22 for symbol design.

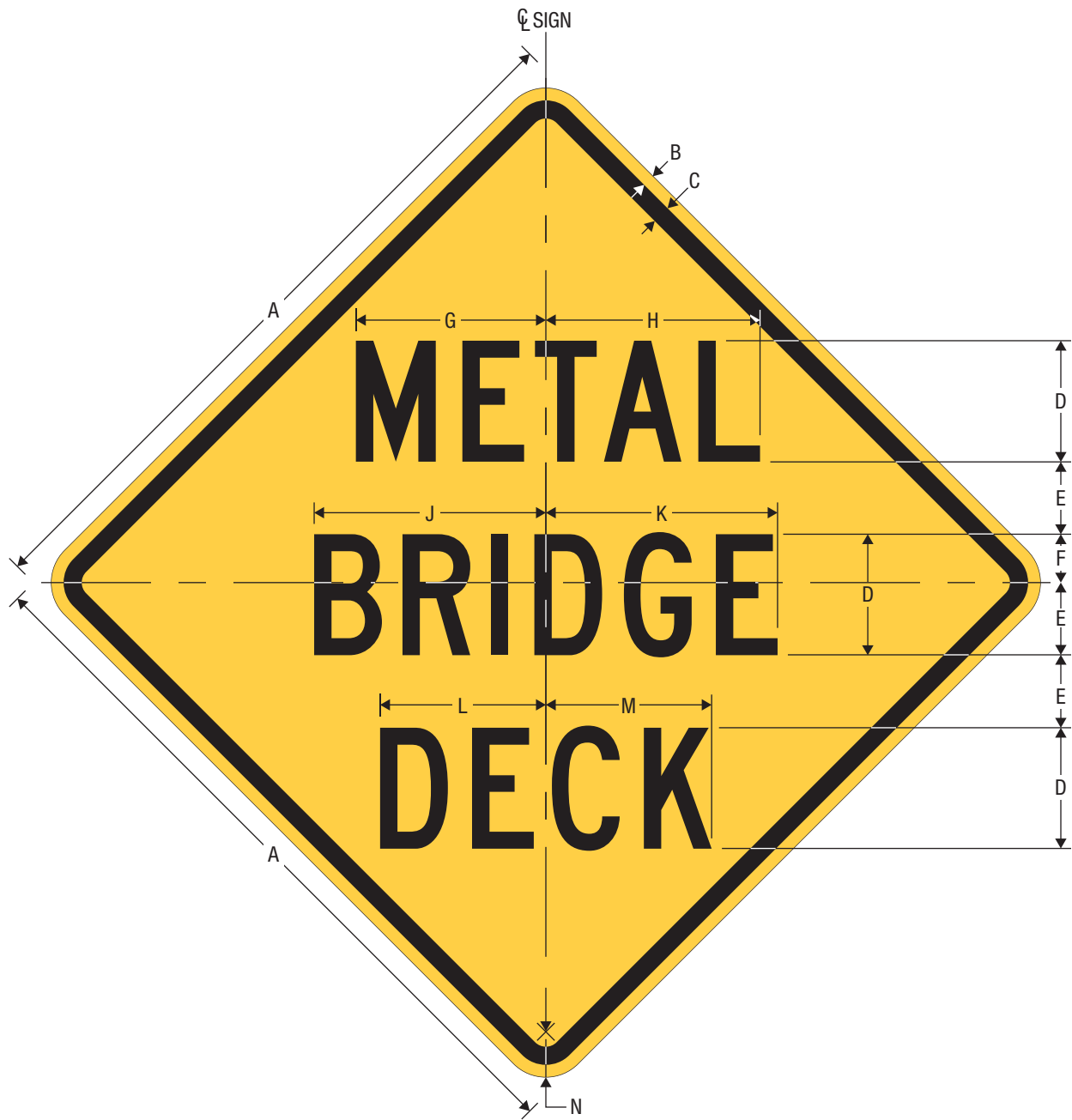
A	B	C	D	E	F	G	H
24	18	0.375	0.625	2	7	9	1.5
30	24	0.375	0.625	3.25	8.75	11.25	1.5
36	30	0.5	0.75	4.5	10.5	13.5	1.875

WARNING SIGN

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

TTC SIGN

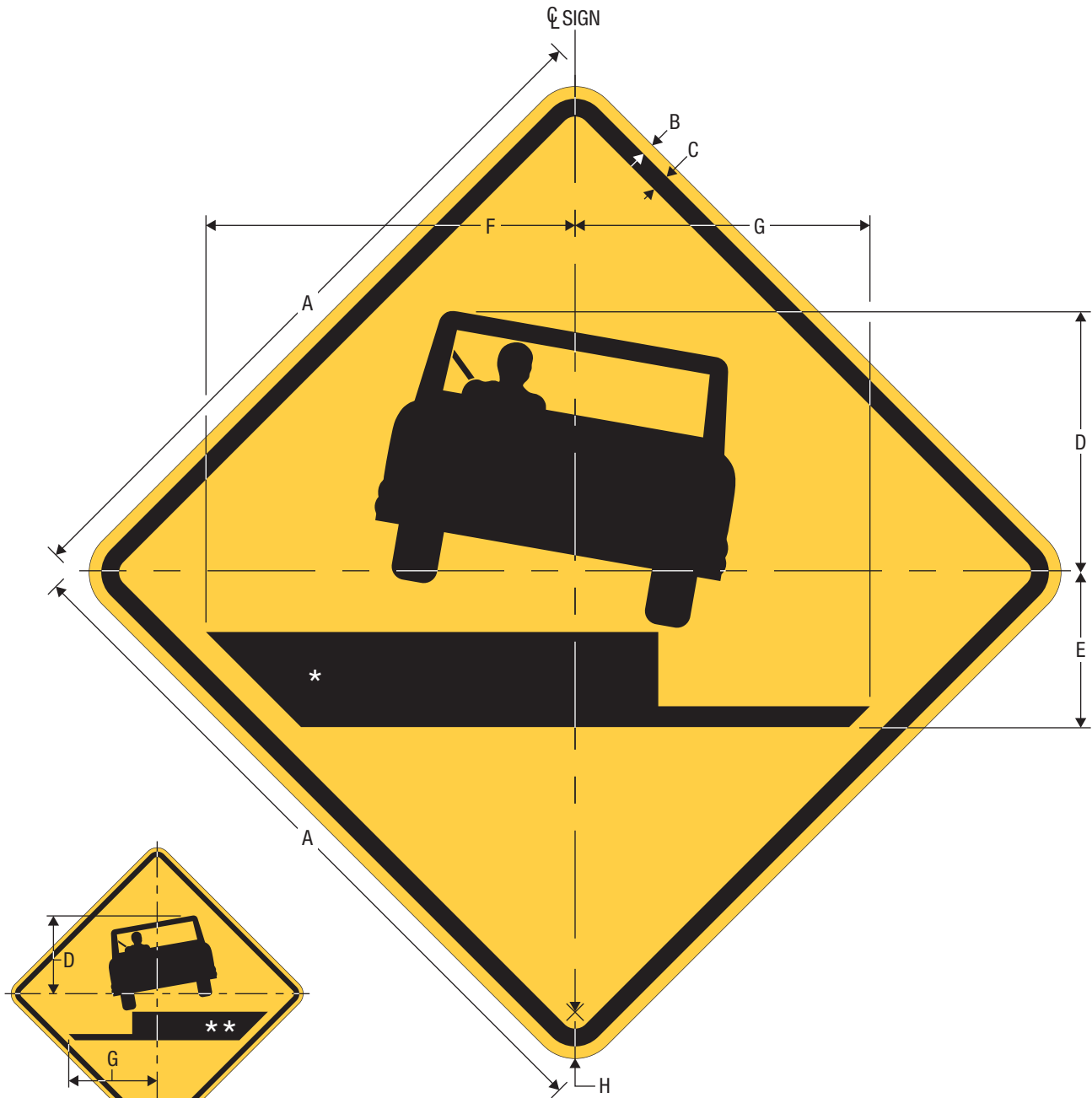
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W8-16
METAL BRIDGE DECK

A	B	C	D	E	F	G	H	J	K	L	M	N
24	0.375	0.625	4 C	2.5	1.5	6.308	7.058	7.663	7.662	5.482	5.482	1.5
30	0.5	0.75	5 C	3	2	7.854	8.853	9.578	9.578	6.853	6.852	1.875
36	0.625	0.875	6 C	3.75	2.25	9.462	10.587	11.494	11.493	8.223	8.223	2.25
48	0.75	1.25	8 C	5	3	12.616	14.116	15.325	15.325	10.964	10.964	3

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



W8-17L

W8-17R
SHOULDER DROP-OFF

* See page 8-20 for symbol design.

** See page 8-21 for symbol design.

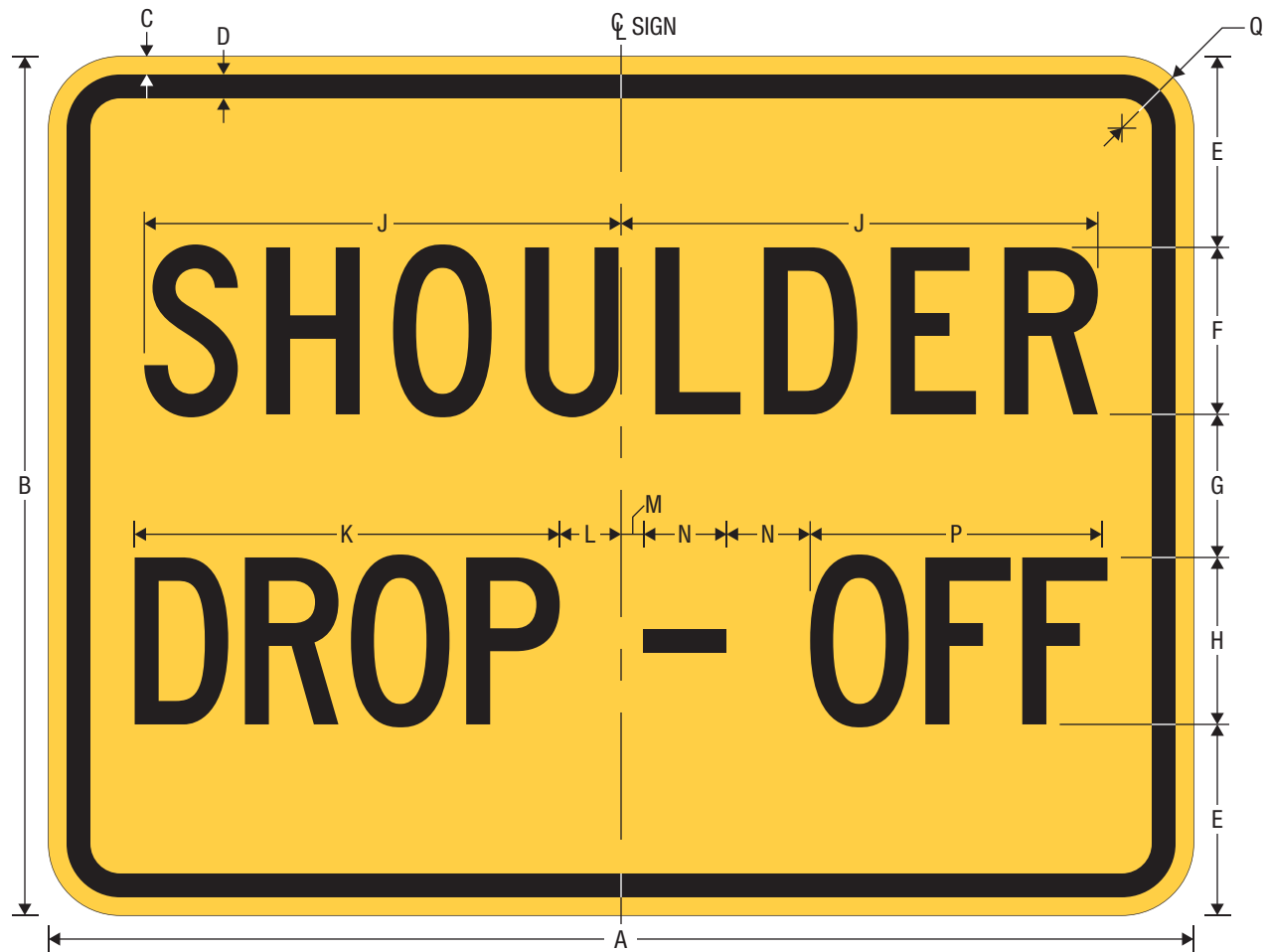
A	B	C	D	E	F	G	H
24	0.375	0.625	9	5	12.425	9.925	1.5
30	0.5	0.75	11	6.5	15.531	12.406	1.875
36	0.625	0.875	13.5	7.5	18.640	14.885	2.25
48	0.75	1.25	18	10	24.850	19.850	3

WARNING SIGN

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

TTC SIGN

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



W8-17P
SHOULDER DROP-OFF (PLAQUE)

* Reduce Spacing 50%.
** Reduce Spacing 30%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
24	18	0.375	0.5	4	3.5 C	3	3.5 C*	9.996	8.911	1.286	0.464	1.75	6.233	1.5
30	24	0.375	0.625	6	4 C	4	4 C	11.424	11.284	1.260	0.740	2	7.803	1.5
36	30	0.5	0.75	7.5	5 C	5	5 C**	14.280	13.280	1.732	0.768	2.5	9.244	1.875

WARNING SIGN

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

TTC SIGN

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

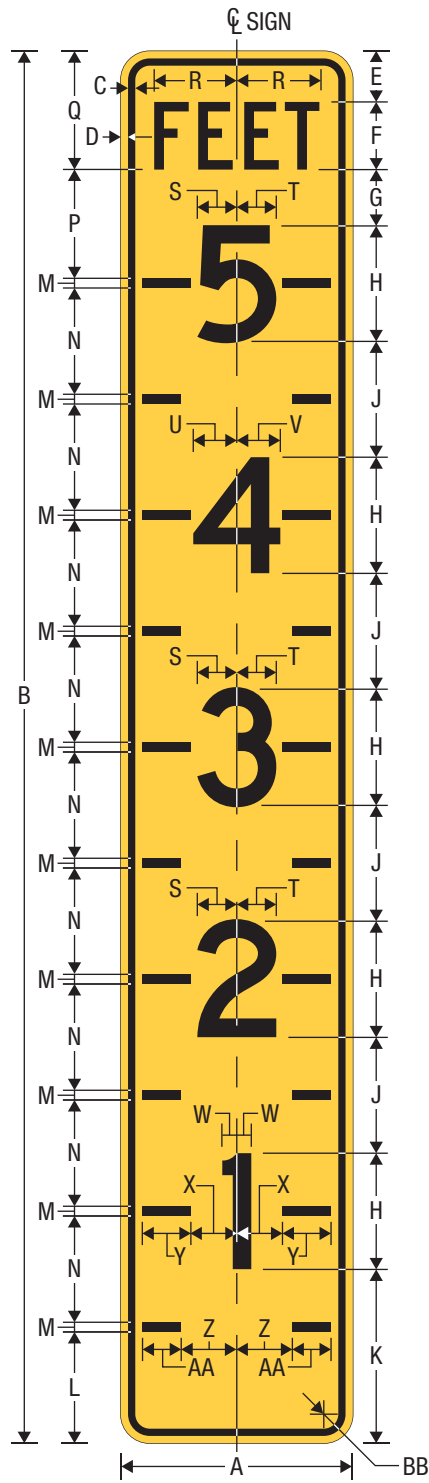


W8-18
ROAD MAY FLOOD

A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	0.375	0.625	4 C	2	2.5	1.5	5.522	5.522	4.282	4.282	6.553	7.053	1.5
30	0.5	0.75	5 C	2.5	3.125	1.875	6.903	6.902	5.353	5.352	8.253	8.753	1.875
36	0.625	0.875	6 C	3	4	2	8.283	8.283	6.423	6.423	9.954	10.454	2.25
48	0.75	1.25	8 C	4	5	3	11.044	11.044	8.564	8.564	13.105	14.105	3

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

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



W8-19
DEPTH GAUGE

A	B	C	D	E	F	G	H	J	K	L	M	N
12	72	0.375	0.375	2.625	3.5 C	2.875	6 D	6	9	5.75	0.5	5.5

P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB
5.625	6.125	4.272	2.043	2.042	2.252	2.251	0.75	2.375	2.5	2.875	2	1.5

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



W8-21
GUSTY WINDS AREA

A	B	C	D	E	F	G	H	J	K	L	M	N
24	0.375	0.625	4 C	2	1.5	2.5	6.703	6.702	6.623	6.622	5.502	1.5
36	0.625	0.875	6 C	3	2.25	3.75	10.054	10.054	9.934	9.934	8.253	2.25
48	0.75	1.25	8 C	4	2.75	5.25	13.405	13.405	13.245	13.245	11.004	3

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



W8-22
FOG AREA

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	7.821	8.570	11.907	2.25
48	0.75	1.25	10 D	5	2	11.208	12.207	17.010	3

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



W8-23
NO SHOULDER

A	B	C	D	E	F	G	H	J	K	L	M
24	0.375	0.625	4 C	3	0.5	3.5	2.701	2.701	11.674	11.174	1.5
30	0.5	0.75	5 C	3.75	0.625	4.375	3.377	3.376	14.592	13.968	1.875
36	0.625	0.875	6 C	4.5	0.75	5.25	4.052	4.051	17.511	16.761	2.25
48	0.75	1.25	8 C	6	1	7	5.402	5.402	23.348	22.348	3

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

TTC SIGN
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	11.424	11.424	5.212	5.712	1.5
30	0.5	0.75	5 C	3.75	1.25	3.75	14.280	14.280	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

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

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



W8-26
ROAD ENDS ADVANCE

A	B	C	D	E	F	G	H
30	0.5	0.75	4 D	3	2.5	1.5	6.705
36	0.625	0.875	5 D	3.5	3.25	1.75	8.382

J	K	L	M	N	P	Q	R
6.705	6.445	6.445	VAR	VAR	2.5	5.202	1.875
8.381	8.057	8.056	VAR	VAR	3	6.503	2.25

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



W8-26a
STREET ENDS ADVANCE

* Reduce Spacing 30%.

A	B	C	D	E	F	G	H
30	0.5	0.75	4 D*	3	4 D	2.5	1.5
36	0.625	0.875	5 D*	3.5	5 D	3.25	1.75

J	K	L	M	N	P	Q	R
8.595	6.445	6.445	VAR	VAR	2.5	5.202	1.875
10.744	8.057	8.056	VAR	VAR	3	6.503	2.25

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



W9-1L
LEFT LANE ENDS

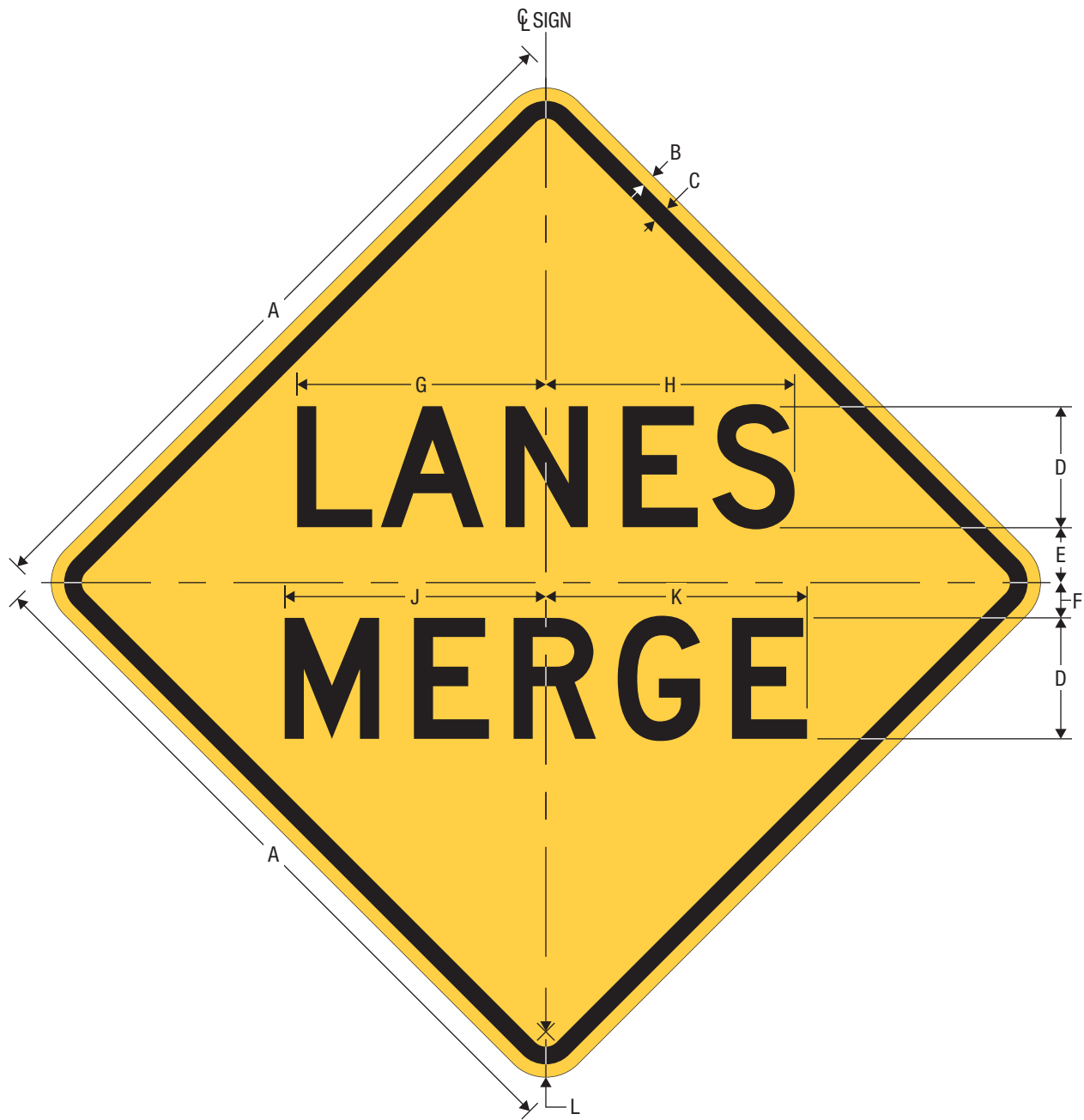
W9-1R
RIGHT LANE ENDS

A	B	C	D	E	F	G	H
30	0.5	0.75	5 D	2.5	1.5	3.5	8.582
36	0.625	0.875	6 D	3	2	4	10.373
48	0.75	1.25	8 D	4	3	5	13.830

J	K	L	M	N	P	Q	R
9.331	8.055	8.054	7.807	8.306	1.875	7.153	7.152
11.122	9.666	9.665	9.293	10.042	2.25	8.583	8.583
14.830	12.887	12.887	12.390	13.390	3	11.444	11.444

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

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



W9-4
LANES MERGE

* Increase Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L
30	0.5	0.75	5 D*	2.25	1.5	10.281	10.281	10.797	10.796	1.875
36	0.625	0.875	6 D*	2.75	1.75	12.338	12.337	12.956	12.955	2.25
48	0.75	1.25	8 D*	3.5	2.5	16.450	16.450	17.274	17.274	3

WARNING SIGN

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

TTC SIGN

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

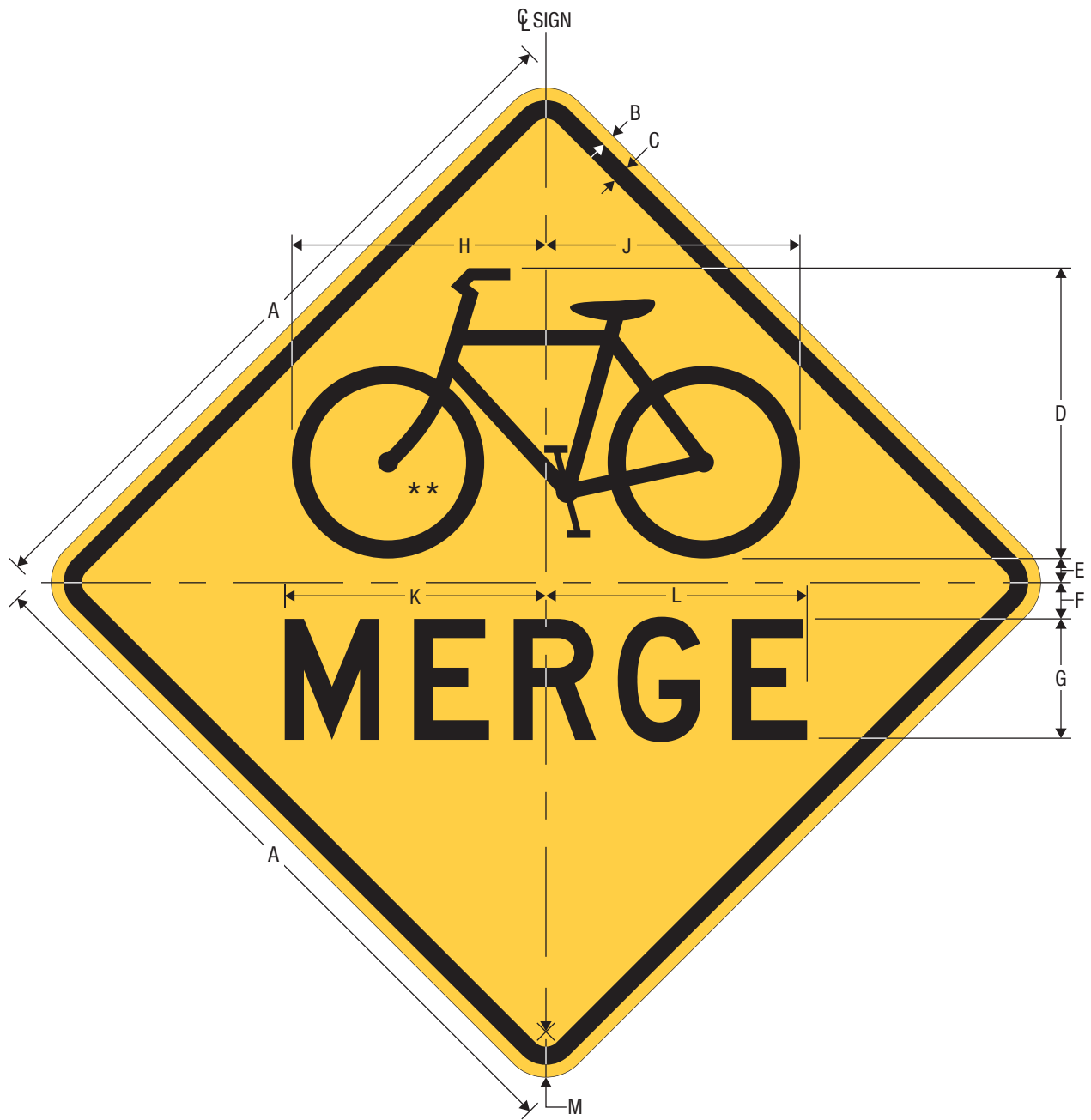


W9-5
BICYCLE LANE ENDS

* See page 8-4 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
30	0.5	0.75	10	2	5 D	1.875	3.125	2.5	8.75	8.055	8.054	8.057	8.056	1.875
36	0.625	0.875	12	2.375	6 D	2.25	3.75	3	10.5	9.666	9.665	9.668	9.667	2.25

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



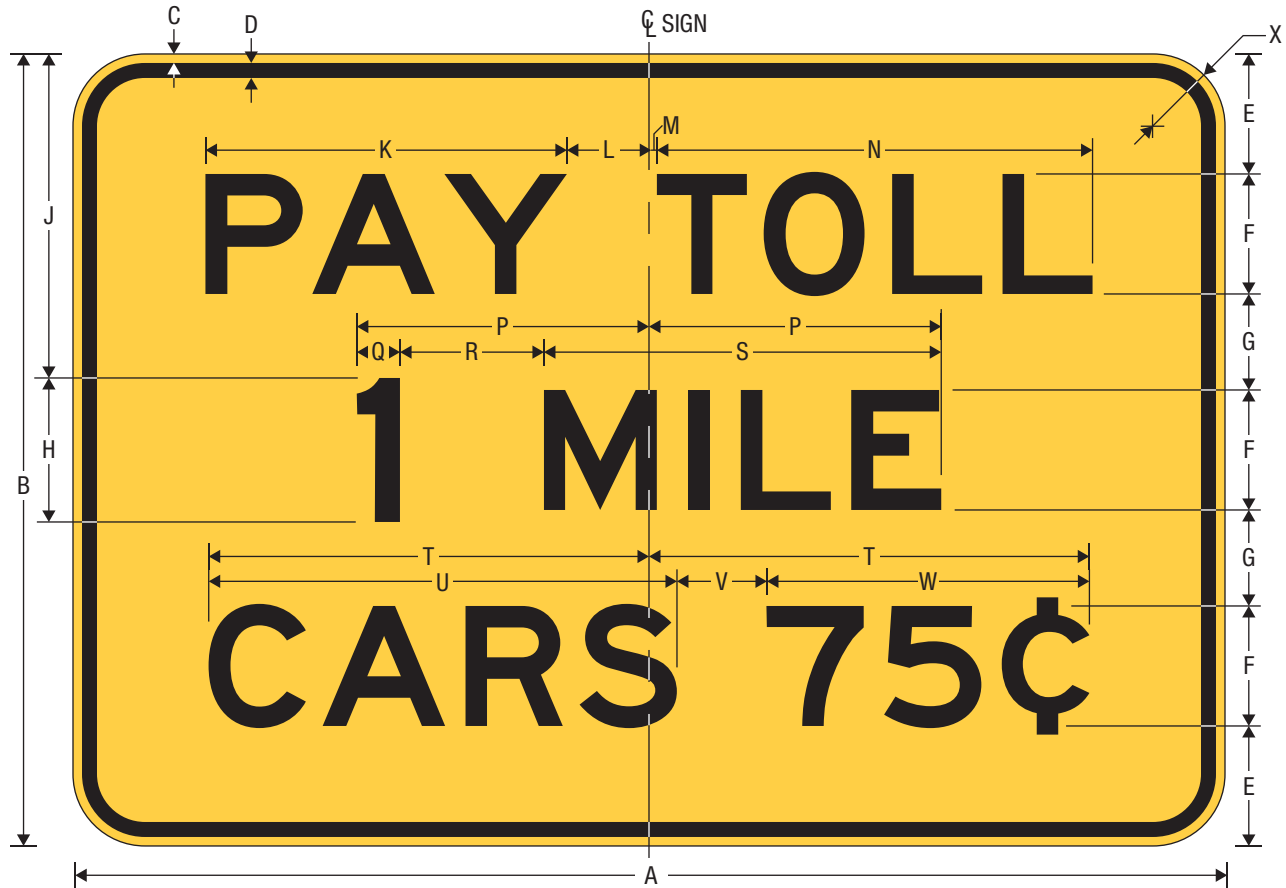
W9-5a
BICYCLES MERGING

* Increase Spacing 20%.
* * See page 8-4 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M
18	0.375	0.625	7.25	0.375	0.75	3 D*	6.345	6.344	6.478	6.478	1.5
30	0.5	0.75	12	1	1.5	5 D*	10.5	10.5	10.797	10.796	1.875
36	0.625	0.875	14	1.25	1.75	6 D*	12.25	12.25	12.956	12.955	2.25

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

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



W9-6

PAY TOLL XX MILES CARS (PRICE)

A	B	C	D	E	F	G	H	J	K	L
96	66	0.75	1.25	10	10 E	8	12 E	27	30.120	6.843

M	N	P	Q	R	S	T	U	V	W	X
0.657	36.305	VAR	VAR	12	VAR	VAR	39.023	7.5	VAR	6

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



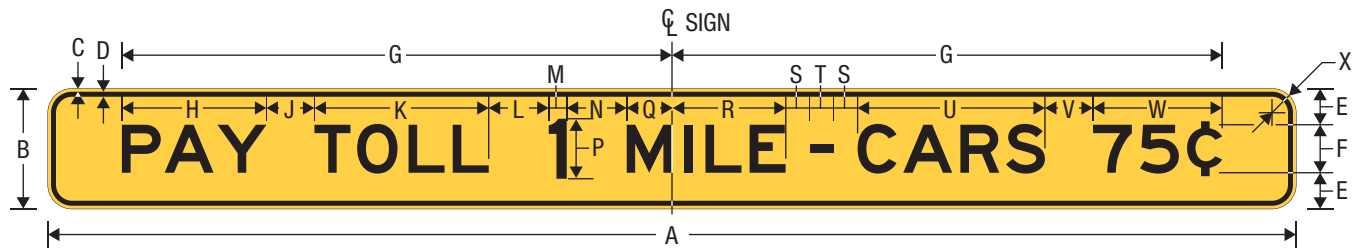
W9-6a

STOP AHEAD PAY TOLL CARS (PRICE)

A	B	C	D	E	F	G	H	J	K
114	66	0.75	1.25	10	10 E	8	36.915	7.5	3.405

L	M	N	P	Q	R	S	T	U	V
47.820	30.120	6.843	0.657	36.305	VAR	39.023	7.5	VAR	6

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

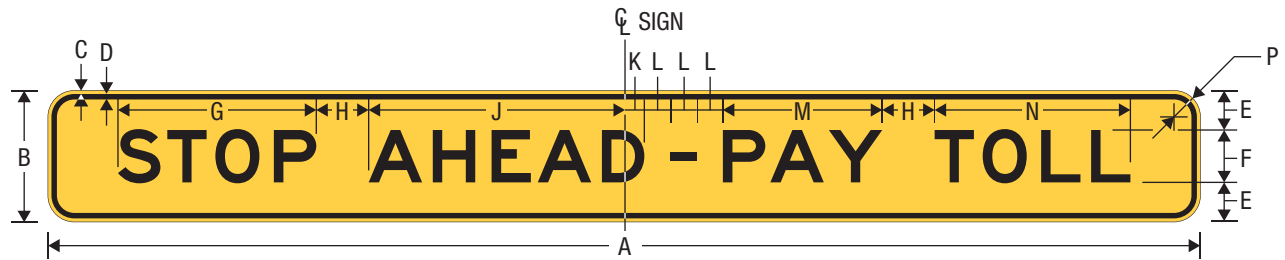


W9-6bP

PAY TOLL XX MILES CARS (PRICE) (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L
312	30	0.75	1.25	9	12 E	VAR	36.144	12	43.566	15
M	N	P	Q	R	S	T	U	V	W	X
VAR	15	15 E	VAR	VAR	6	6	46.827	12	VAR	6

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



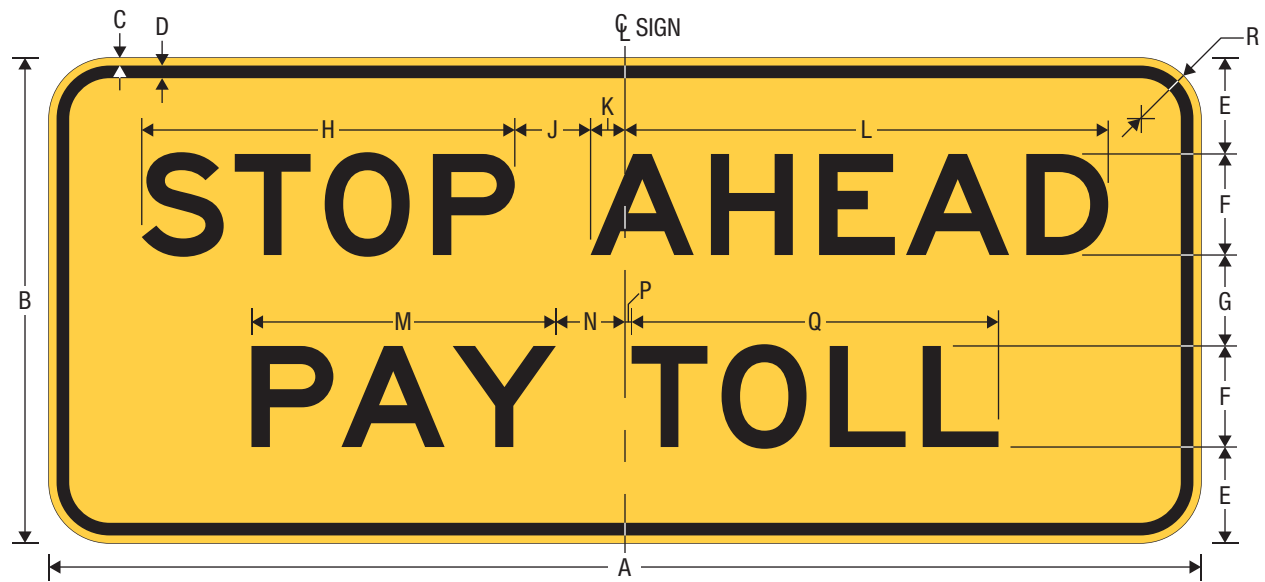
W9-6cP

STOP AHEAD PAY TOLL (PLAQUE)

* Increase Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
264	30	0.75	1.25	9	12 E*	45.450	12	58.556	4.618	6	36.528	44.862	6

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



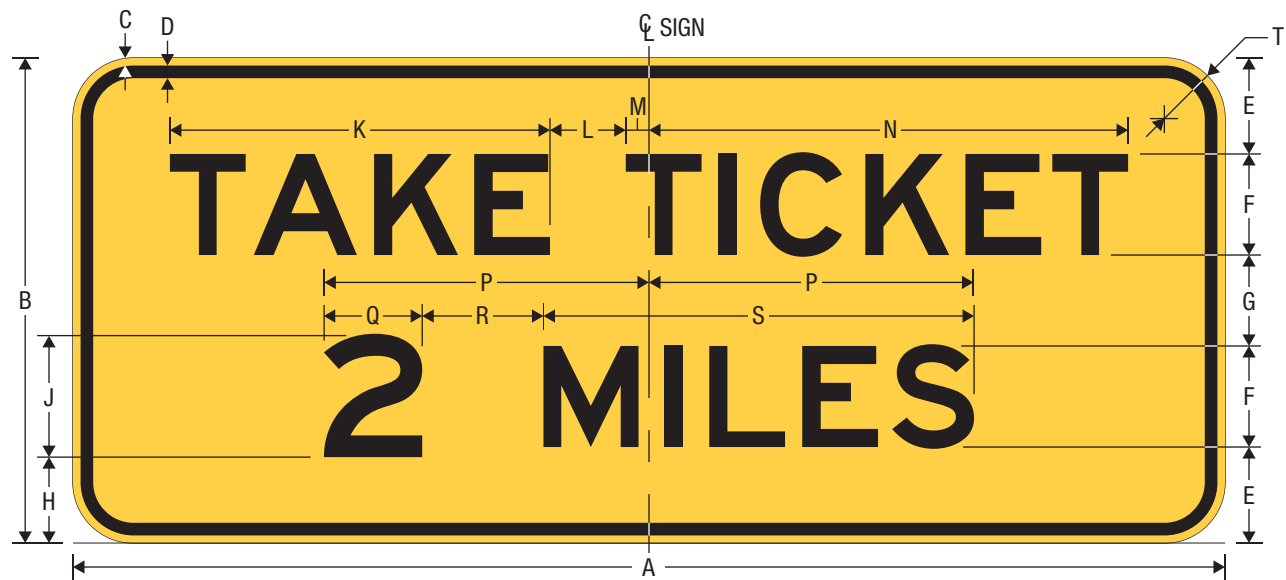
W9-6dP

STOP AHEAD PAY TOLL (PLAQUE)

A	B	C	D	E	F	G	H
114	48	0.75	1.25	9.5	10 E	9	36.915

J	K	L	M	N	P	Q	R
7.5	3.405	47.820	30.120	6.843	0.657	36.305	6

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

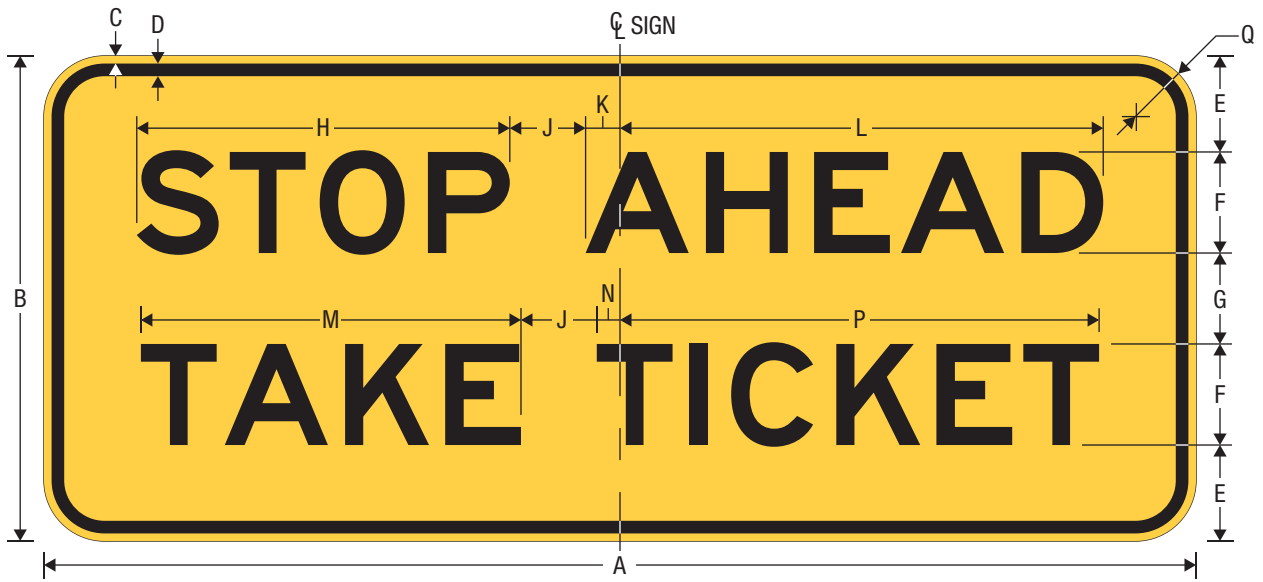


W9-6e
TAKE TICKET XX MILES

A	B	C	D	E	F	G	H	J
114	48	0.75	1.25	9.5	10 E	9	8.5	12 E

K	L	M	N	P	Q	R	S	T
37.613	7.5	2.299	47.411	VAR	VAR	12	VAR	6

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



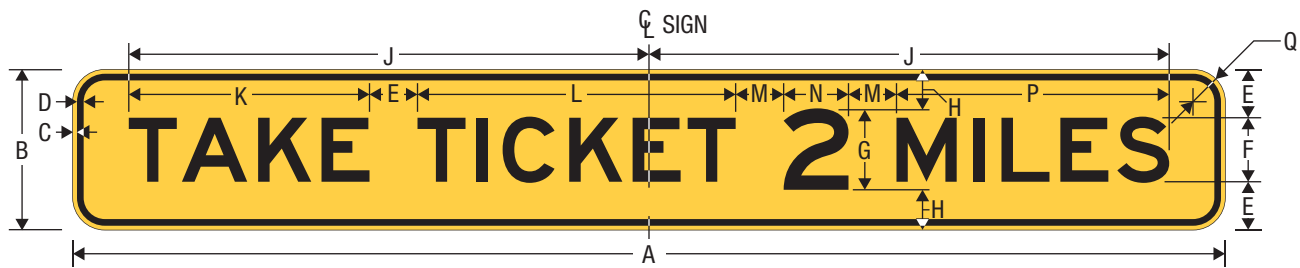
W9-6f

STOP AHEAD TAKE TICKET

A	B	C	D	E	F	G	H
114	48	0.75	1.25	9.5	10 E	9	36.915

J	K	L	M	N	P	Q
7.5	3.405	47.820	37.613	2.299	47.411	6

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

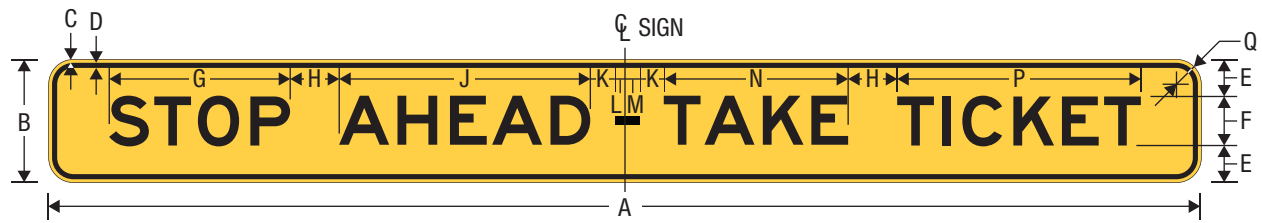


W9-6gP

TAKE TICKET XX MILES (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
216	30	0.75	1.25	9	12 E	15 E	7.5	VAR	45.135	59.652	VAR	VAR	VAR	6

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



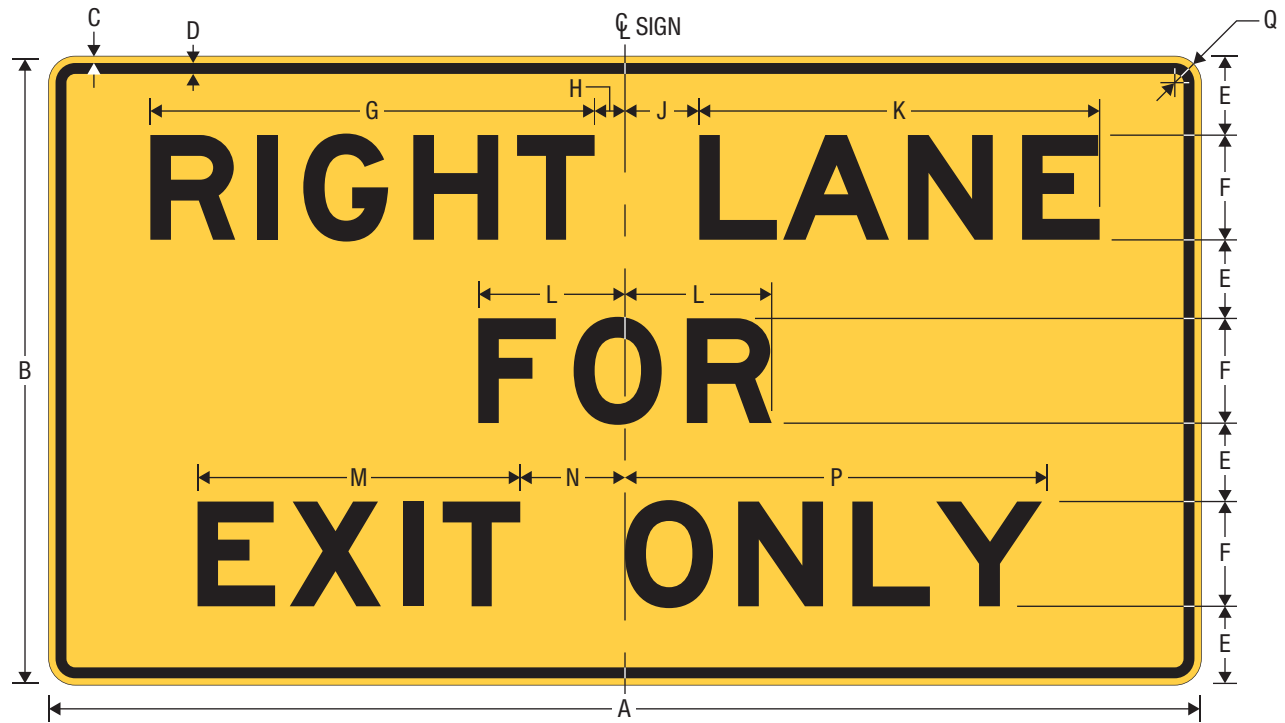
W9-6hP

STOP AHEAD TAKE TICKET (PLAQUE)

A	B	C	D	E	F	G	H
282	30	0.75	1.25	9	12 E	44.298	12

J	K	L	M	N	P	Q
61.470	6	2.509	3.491	45.135	59.652	6

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



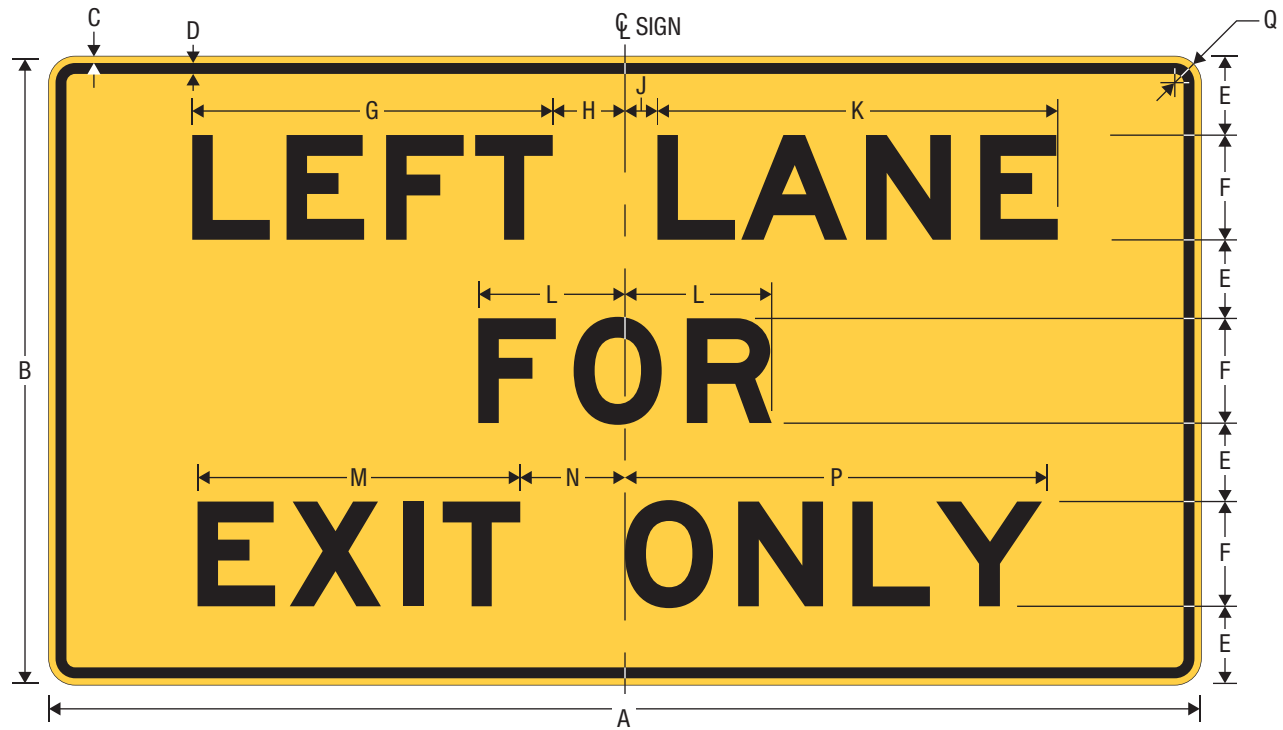
W9-7R
RIGHT LANE FOR EXIT ONLY

A	B	C	D	E	F	G	H
132	72	0.75	1.25	9	12 E(m)	50.904	3.482

J	K	L	M	N	P	Q
8.518	45.867	16.809	36.978	12	47.787	3

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

3-124-1



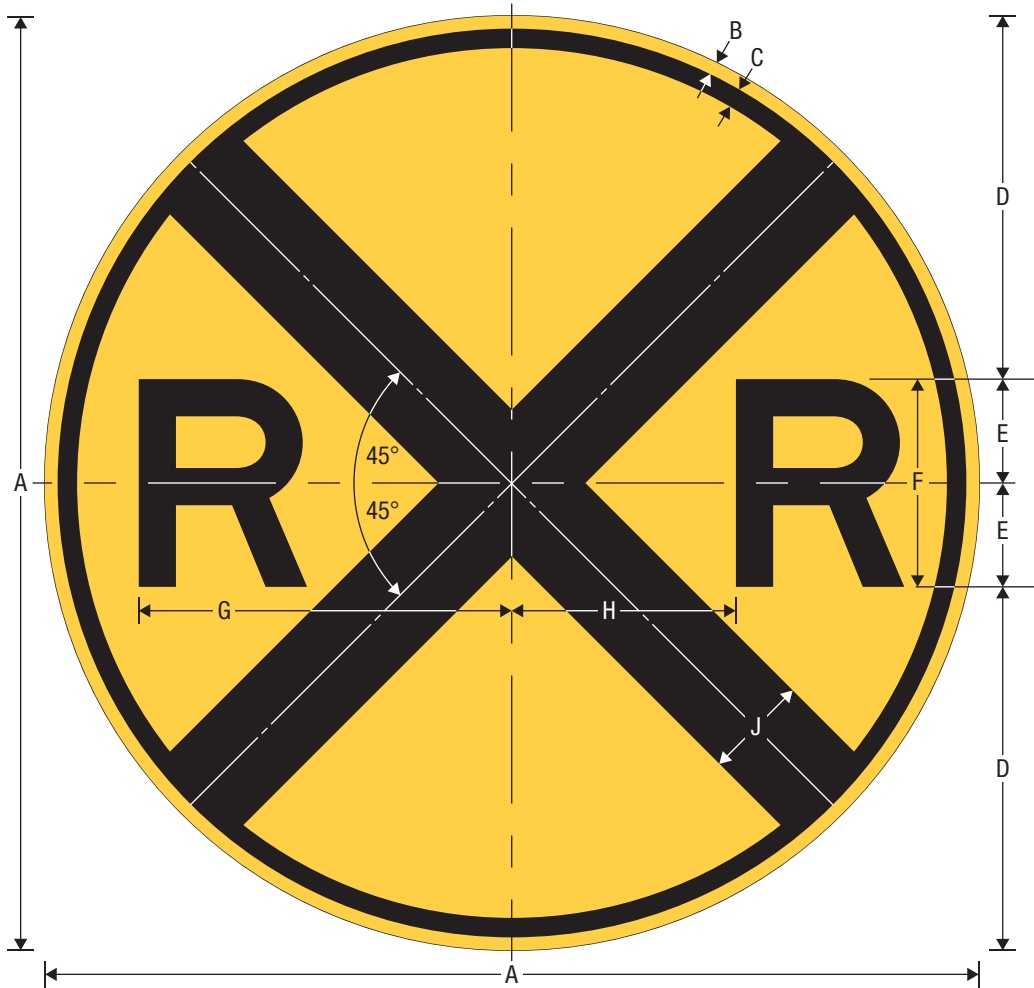
W9-7L
LEFT LANE FOR EXIT ONLY

A	B	C	D	E	F	G	H
132	72	0.75	1.25	9	12 E(m)	41.304	8.282

J	K	L	M	N	P	Q
3.718	45.867	16.809	36.978	12	47.787	3

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

3-124-2

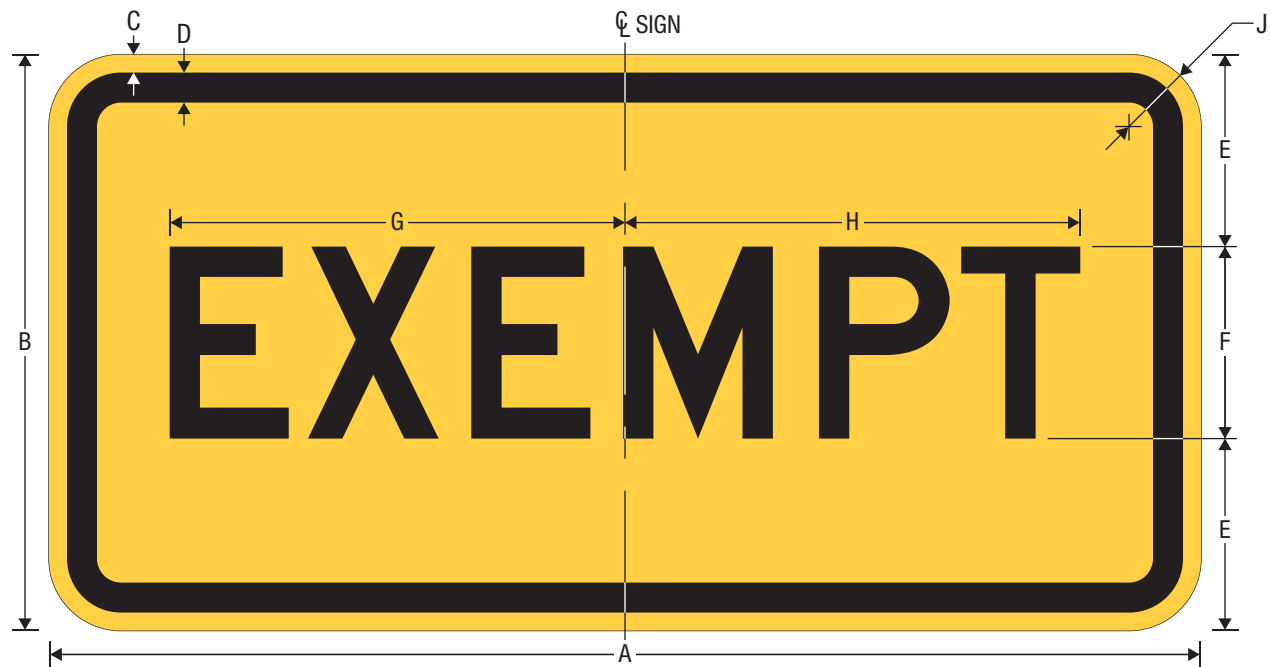


W10-1

GRADE CROSSING ADVANCE WARNING

A	B	C	D	E	F	G	H	J
24	0.375	0.625	9.5	2.5	5 E	9.25	5.75	2.5
30	0.375	0.625	11.5	3.5	7 E	12.375	7.125	3
36	0.5	0.75	14	4	8 E	14.375	8.625	4
48	0.75	1.25	19	5	10 E	18.375	11.625	5

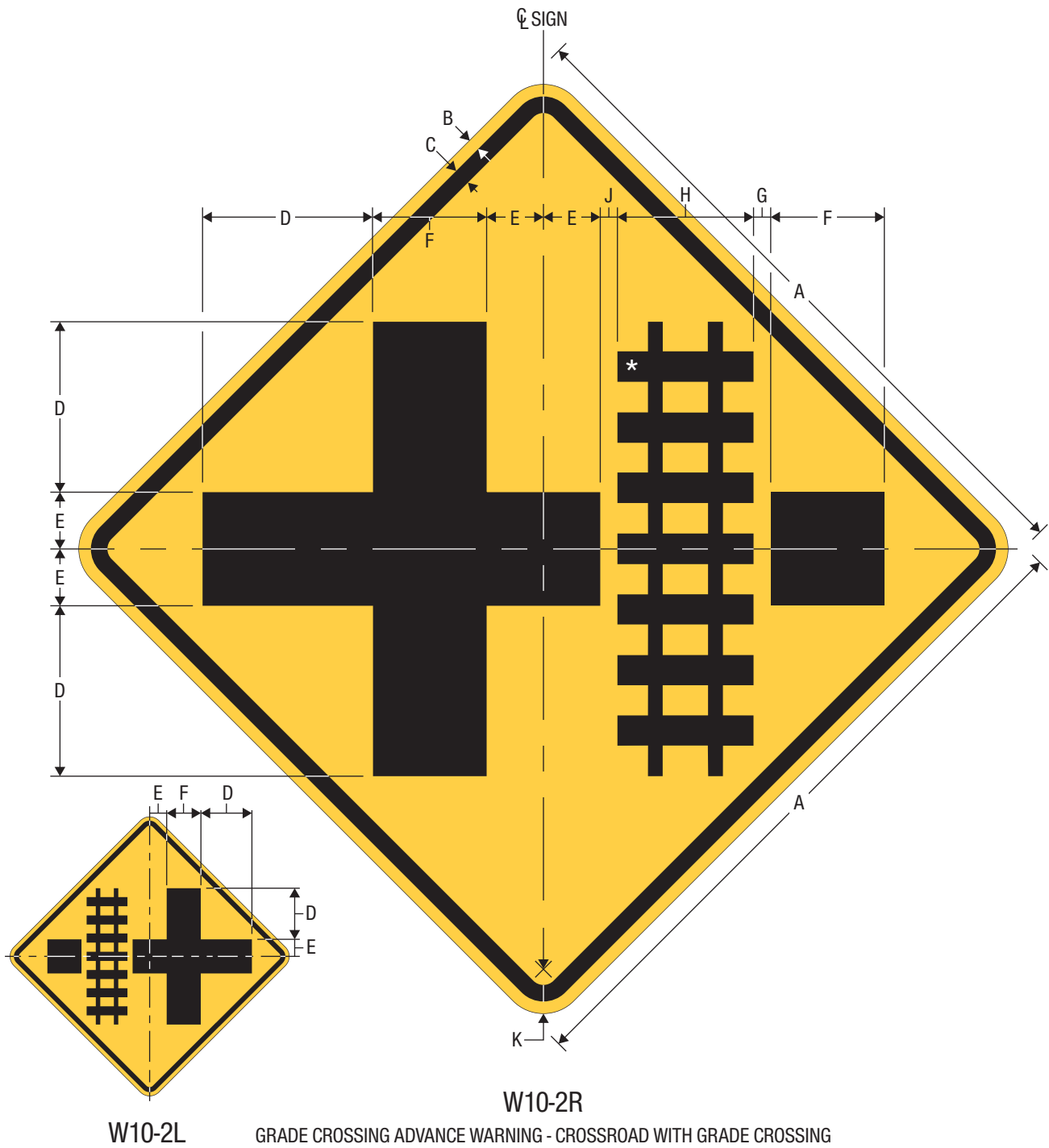
COLORS: LEGEND, BORDER, DIAGONALS — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W10-1aP
EXEMPT (PLAQUE)

A	B	C	D	E	F	G	H	J
24	12	0.375	0.625	4	4 D	9.486	9.485	1.5

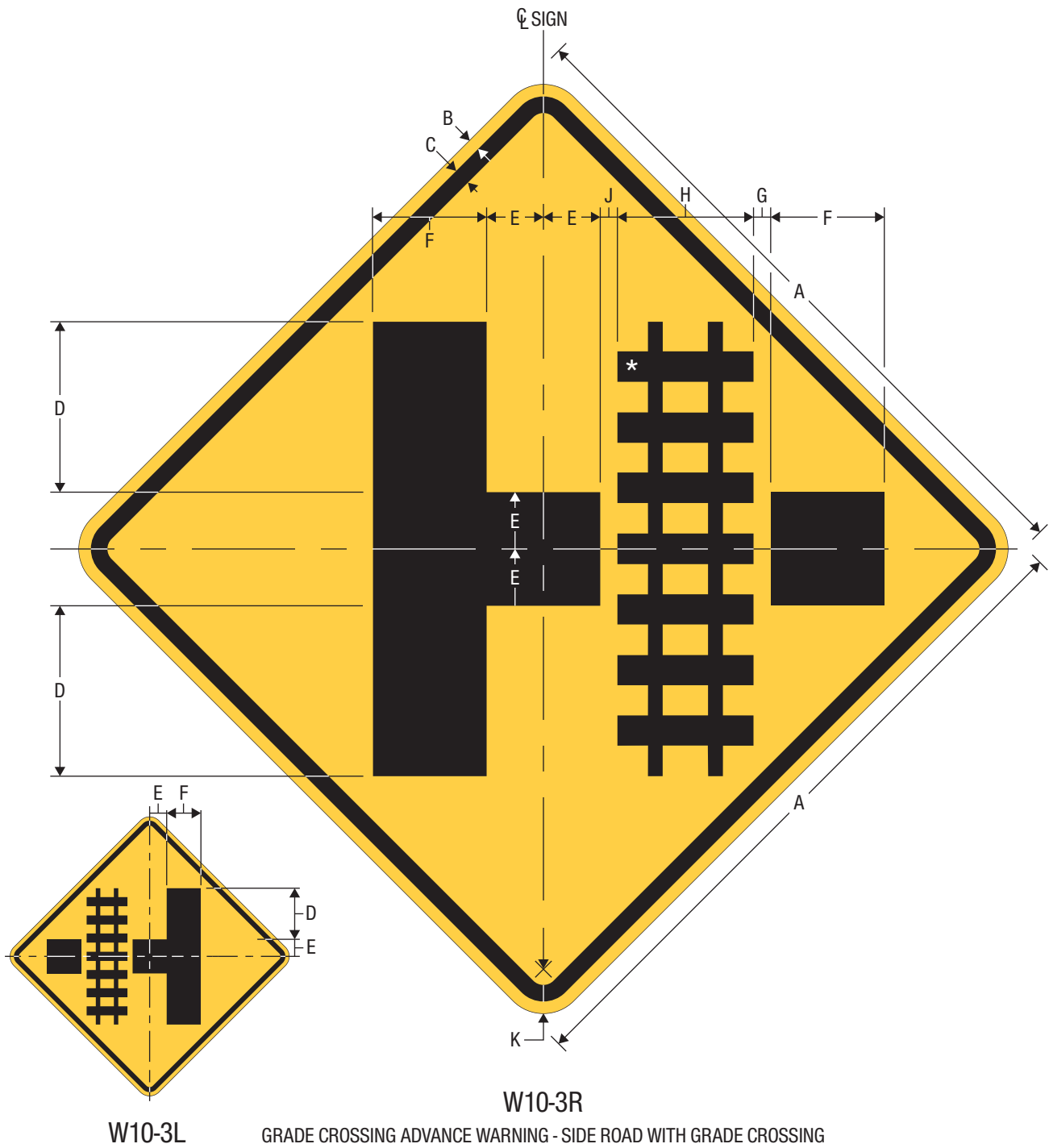
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



* See page 8-32 for symbol design.

A	B	C	D	E	F	G	H	J	K
30	0.5	0.75	7.5	2.5	5	0.756	5.989	0.755	1.875
36	0.625	0.875	9	3	6	0.907	7.187	0.906	2.25
48	0.75	1.25	12	4	8	1.209	9.583	1.208	3

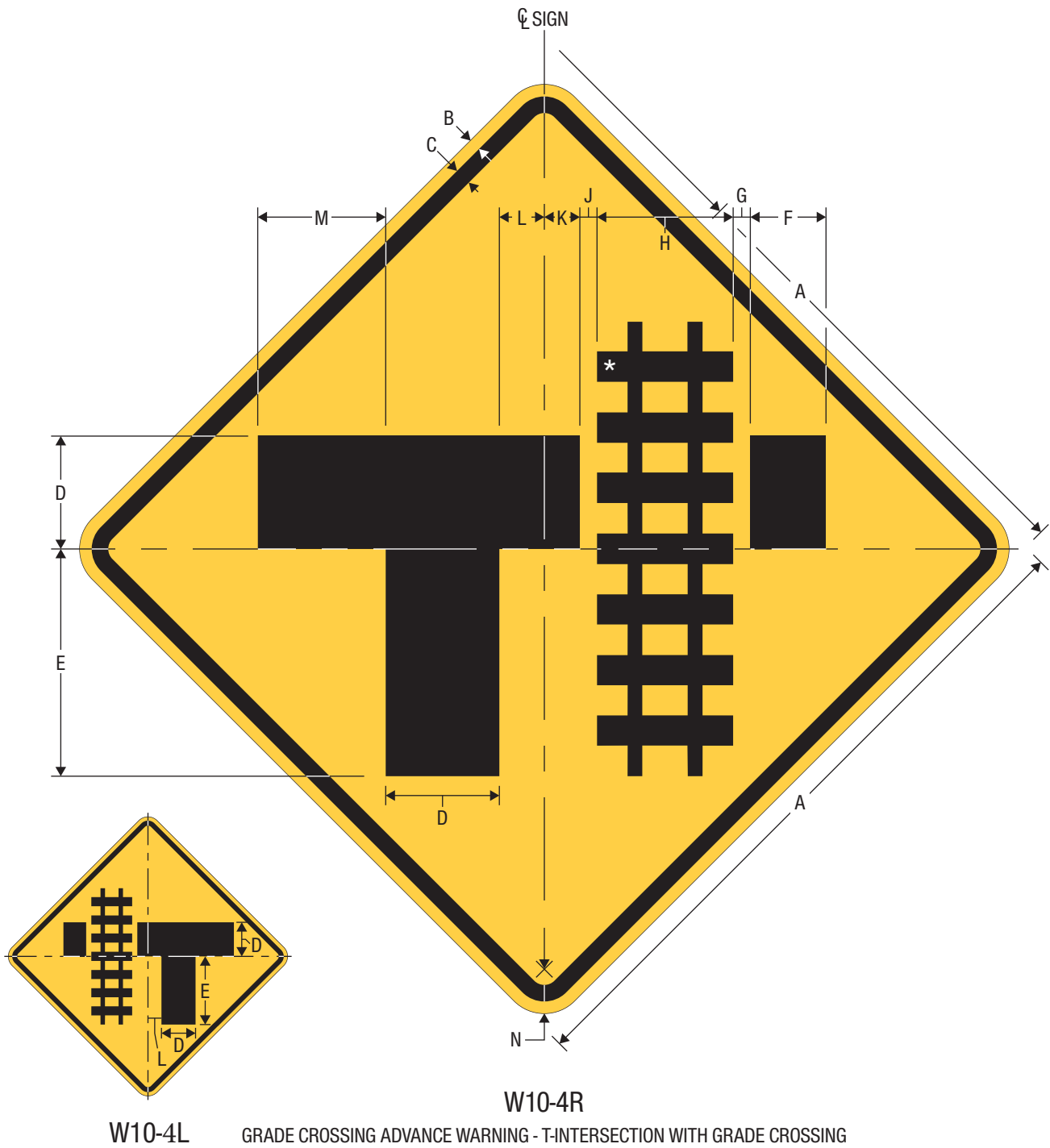
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



* See page 8-32 for symbol design.

A	B	C	D	E	F	G	H	J	K
30	0.5	0.75	7.5	2.5	5	0.756	5.989	0.755	1.875
36	0.625	0.875	9	3	6	0.907	7.187	0.906	2.25
48	0.75	1.25	12	4	8	1.209	9.583	1.208	3

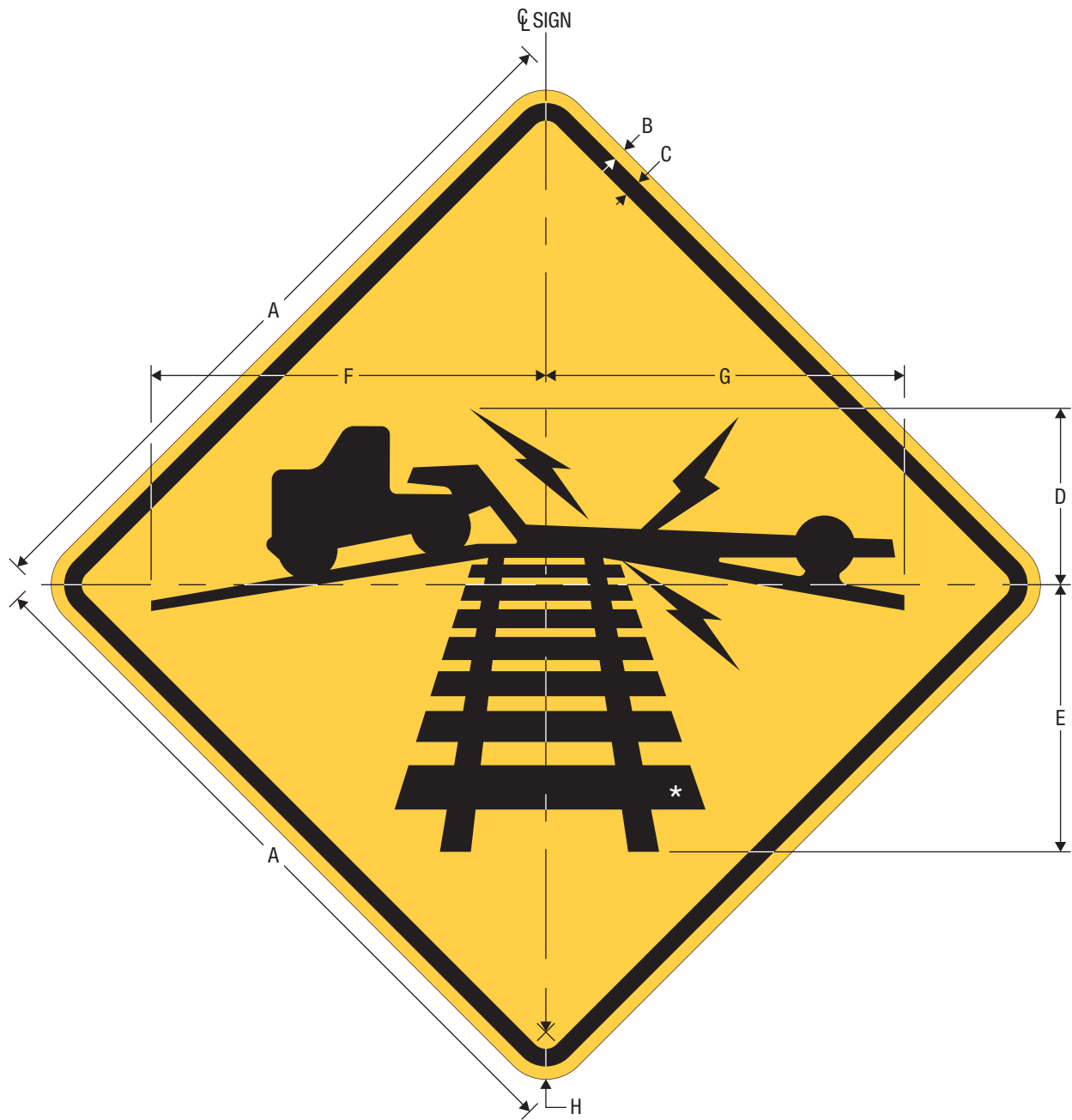
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



* See page 8-32 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M	N
30	0.5	0.75	5	10	3.5	0.756	5.989	0.755	1.5	2	6	1.875
36	0.625	0.875	6	12	4	0.907	7.187	0.906	1.875	2.375	6.75	2.25
48	0.75	1.25	8	16	5	1.209	9.583	1.208	2.5	3	8.5	3

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

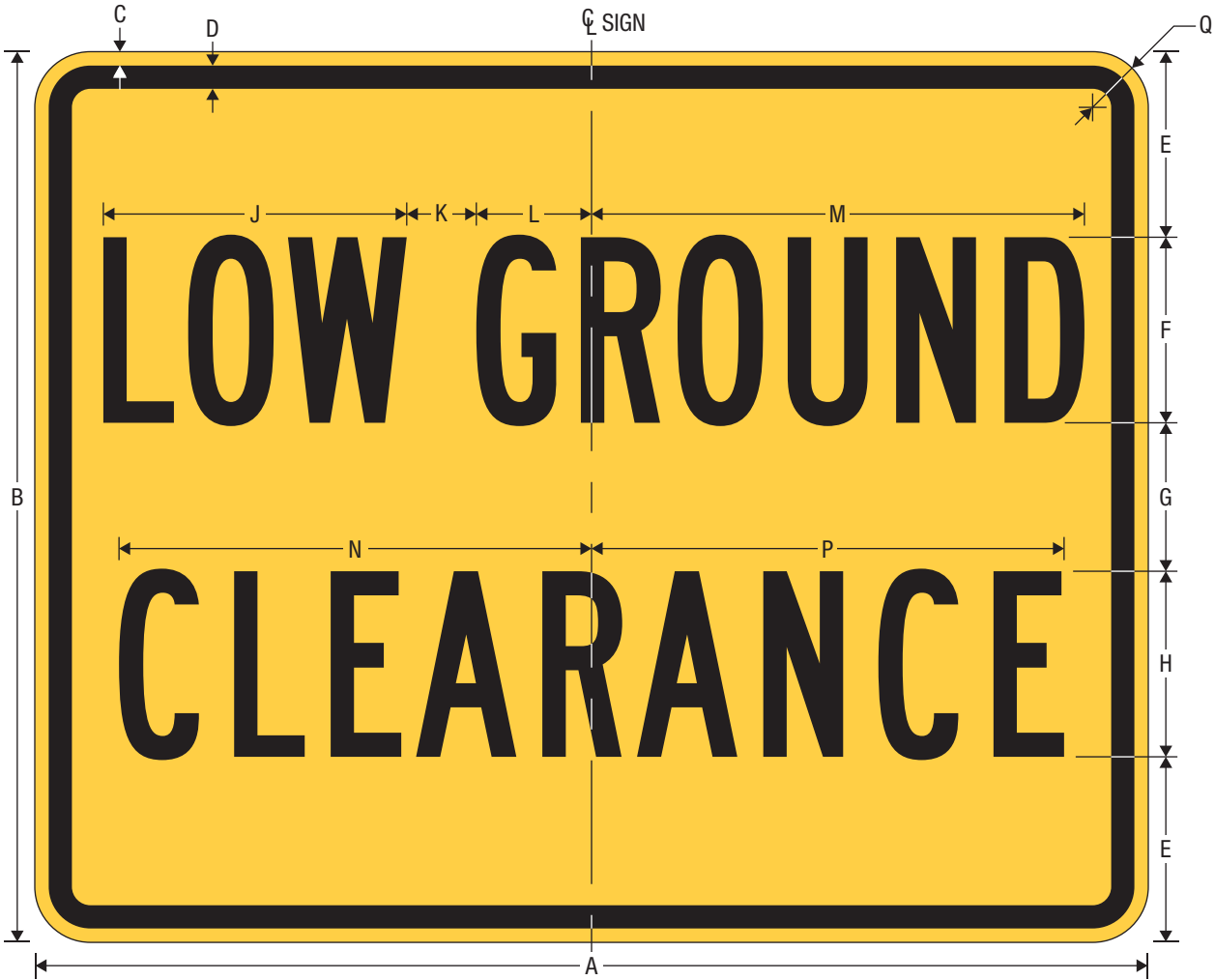


W10-5
LOW GROUND CLEARANCE

* See page 8-12 for symbol design.

A	B	C	D	E	F	G	H
36	0.625	0.875	8.75	13.25	19.583	17.782	2.25
48	0.75	1.25	11.75	17.75	25.452	24.652	3

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



W10-5P

LOW GROUND CLEARANCE (PLAQUE)

* Reduce Spacing 30%.

A	B	C	D	E	F	G	H
30	24	0.375	0.625	5	5 B*	4	5 B

J	K	L	M	N	P	Q
8.174	1.875	3.104	13.279	12.731	12.730	1.5

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



W10-7

LIGHT RAIL (ACTIVATED BLANK-OUT)

* See page 8-16 for symbol design.

A	B	C
24	2.5	19

COLORS: LEGEND — YELLOW
BACKGROUND — BLACK



W10-8
TRAINS MAY EXCEED 80 MPH

★ Increase Spacing 100%.

A	B	C	D	E	F	G	H	J
30	0.5	0.75	4 C	2	4 C*	7.463	7.462	8.564
36	0.625	0.875	5 C	2.5	5 C*	9.328	9.328	10.705
48	0.75	1.25	6 C	3	6 C*	11.194	11.194	12.846

K	L	M	N	P	Q	R	S
2.5	2.451	13.515	5.202	4.5	0.391	10.093	1.875
3	3.126	16.832	6.503	5.5	0.551	12.554	2.25
4	3.552	20.397	7.803	7.25	0.337	15.389	3

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



W10-9
NO TRAIN HORN

A	B	C	D	E	F	G	H	J	K	L	M	N
36	0.625	0.875	6 D	4.5	5.25	0.75	4.584	5.084	10.837	10.089	10.088	2.25
48	0.75	1.25	8 D	6	7	1	5.945	6.945	14.449	13.451	13.451	3

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

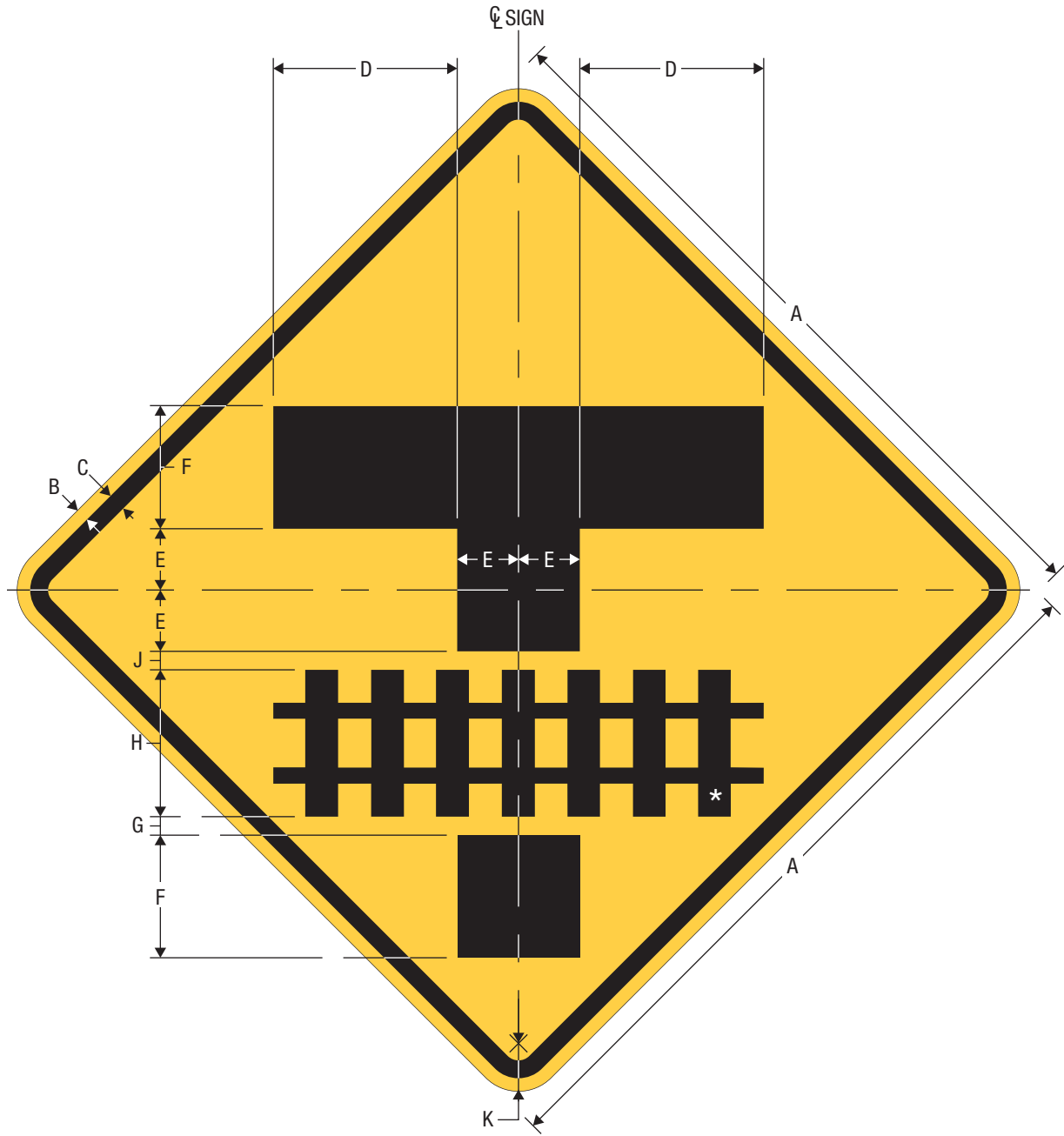


W10-9P
NO TRAIN HORN (PLAQUE)

* Reduce Spacing 10%.

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	0.581	0.919	6.711	1.5
30	24	0.375	0.625	5	5 D	4	5 B	4.028	12.455	0.938	1.562	11.455	1.5

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

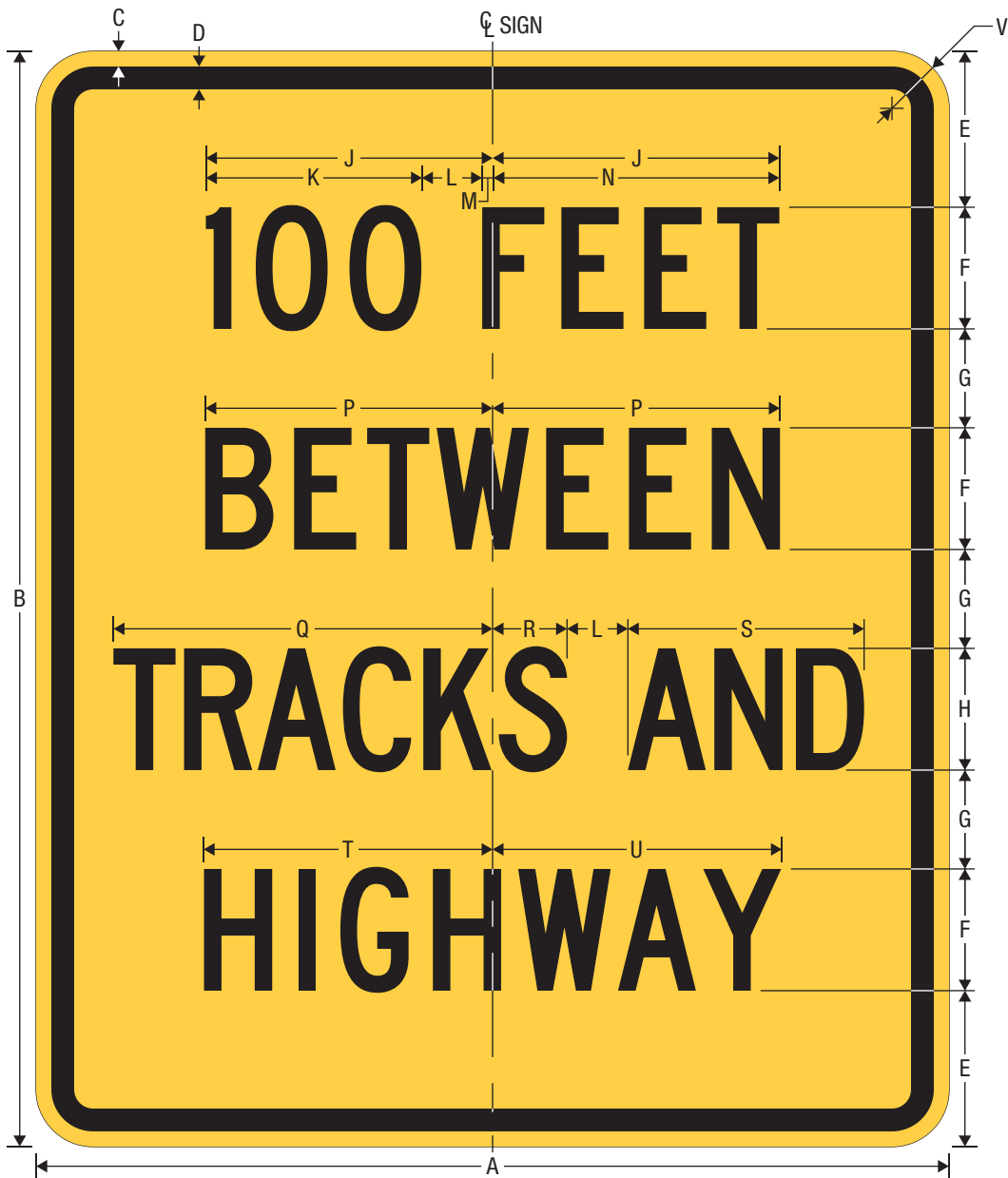


W10-11
STORAGE SPACE

* See page 8-32 for symbol design.

A	B	C	D	E	F	G	H	J	K
30	0.5	0.75	7.5	2.5	5	0.75	6	0.75	1.875
36	0.625	0.875	9	3	6	1	7	1	2.25
48	0.75	1.25	12	4	8	1.25	9.5	1.25	3

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



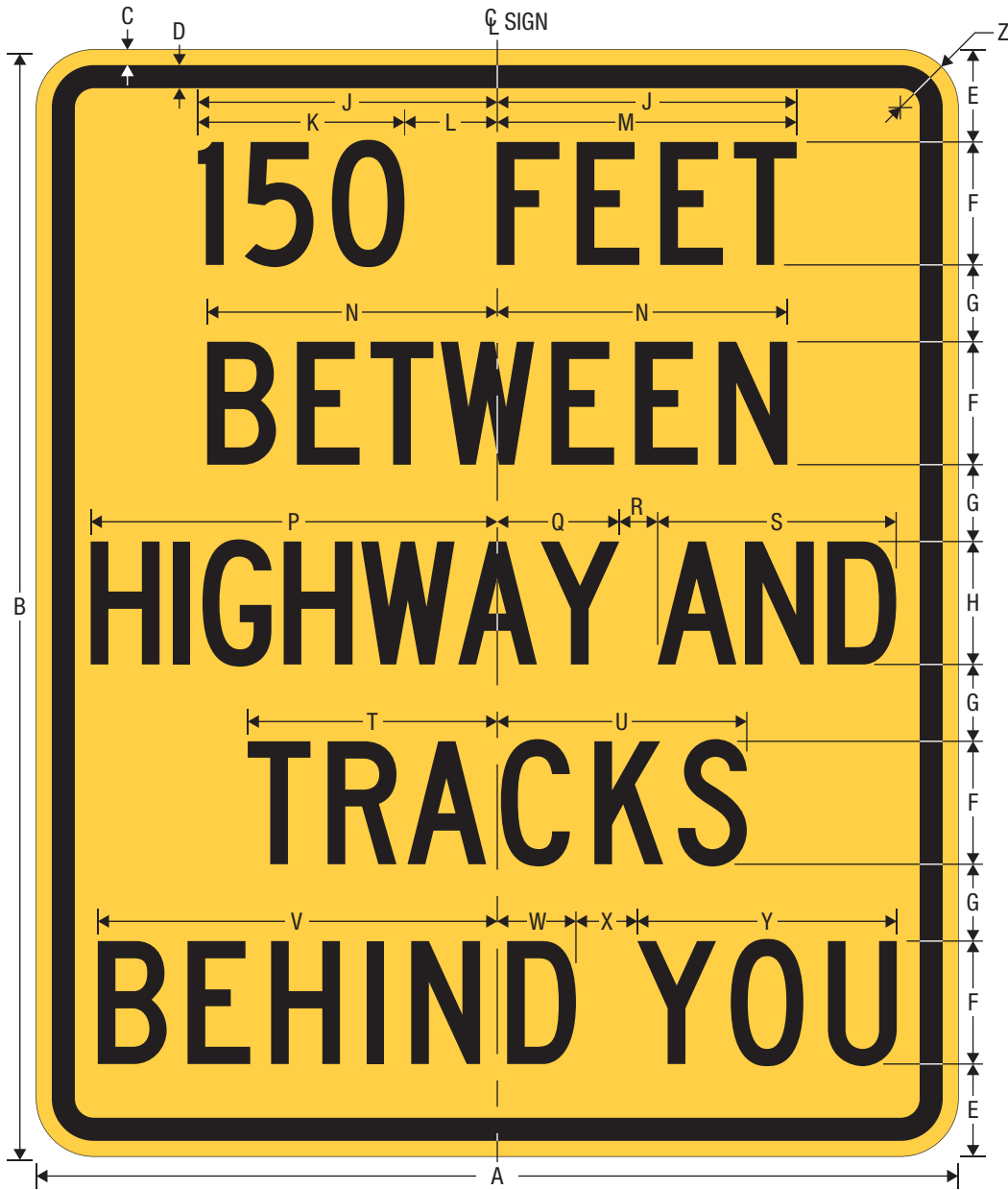
W10-11a
STORAGE SPACE AHEAD

* Reduce Spacing 50%.

A	B	C	D	E	F	G	H	J	K
30	36	0.5	0.75	5.125	4 C	3.25	4 C*	VAR	VAR
48	54	0.75	1.25	7.5	6 C	5	6 C	VAR	VAR

L	M	N	P	Q	R	S	T	U	V
2	0.341	9.423	9.444	12.460	2.446	7.763	9.484	9.483	1.875
3	0.511	14.135	14.166	20.047	4.322	12.725	14.226	14.225	3

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



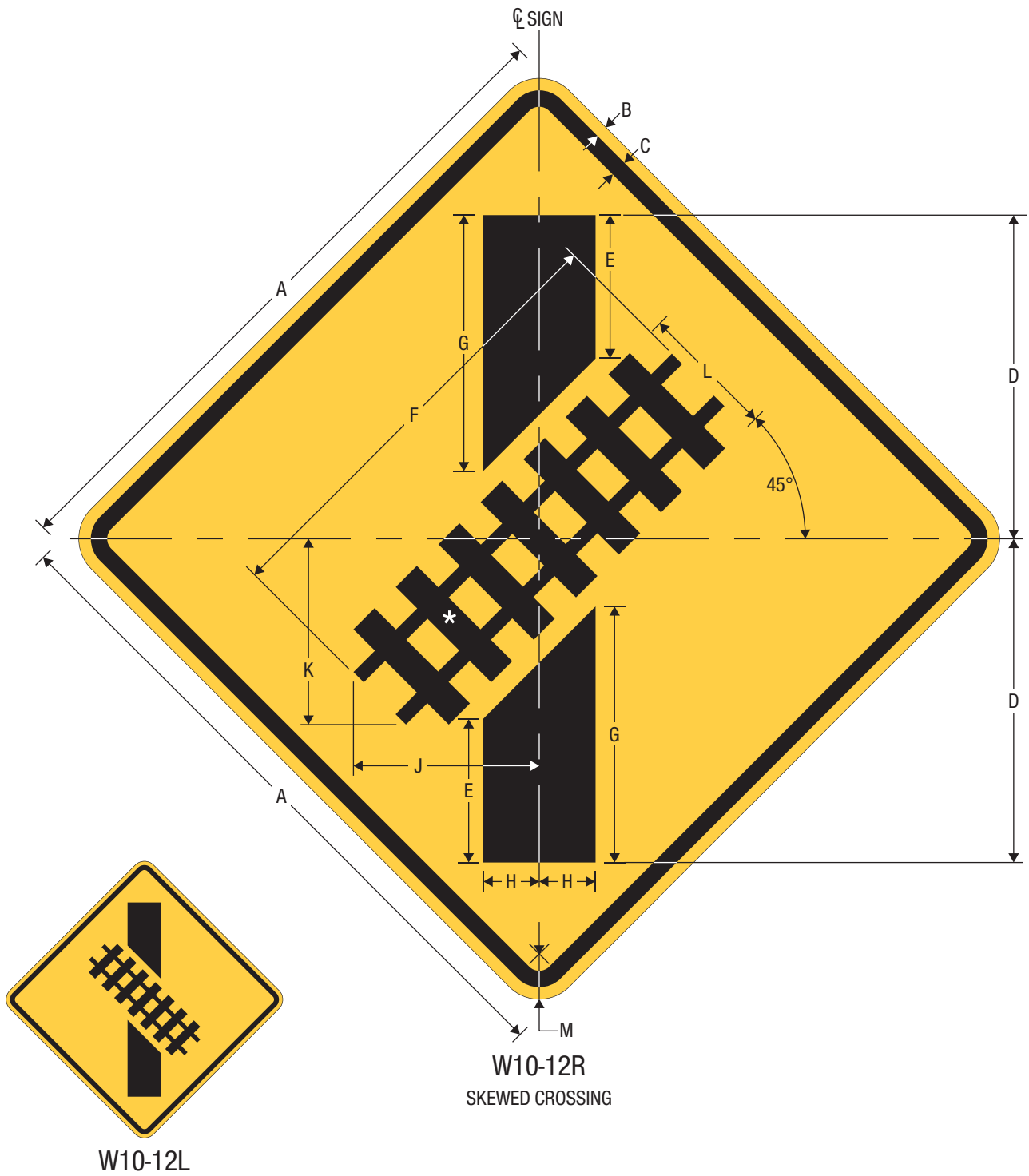
W10-11b
STORAGE SPACE BEHIND

* Reduce Spacing 50%. ** Reduce Spacing 30%.

A	B	C	D	E	F	G	H	J	K	L	M
30	36	0.5	0.75	3	4 C	2.5	4 C*	VAR	VAR	3	9.764
48	54	0.75	1.25	4.5	6 C	3.75	6 C**	VAR	VAR	4.5	14.646

N	P	Q	R	S	T	U	V	W	X	Y	Z
9.444	13.235	3.972	1.25	7.763	8.123	8.123	13.004	2.561	2	8.443	1.875
14.166	20.285	6.582	1.875	12.077	12.185	12.184	19.507	3.841	3	12.665	3

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



* See page 8-32 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M
18	0.375	0.625	8.75	3.802	12	6.805	1.5	4.952	4.950	3.593	1.5
30	0.5	0.75	14.5	6.364	20	11.368	2.5	8.253	8.250	5.989	1.875
36	0.625	0.875	17.25	7.645	24	13.650	3	9.903	9.899	7.187	2.25
48	0.75	1.25	23	10.167	32	18.173	4	13.204	13.199	9.583	3

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



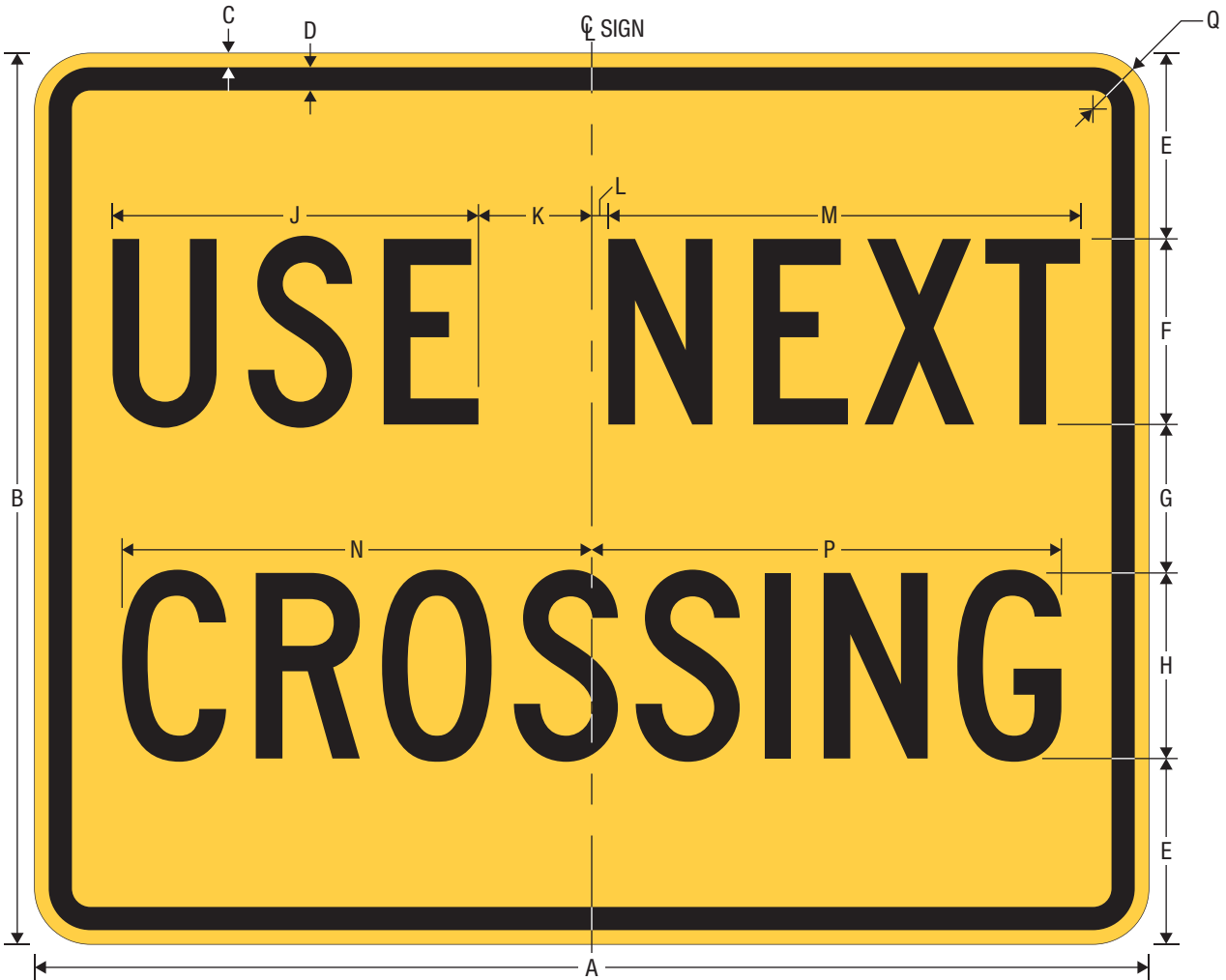
W10-13P
NO GATES OR LIGHTS (PLAQUE)

* Reduce Spacing 20%.
* * Reduce Spacing 30%.

A	B	C	D	E	F	G	H	J
30	24	0.375	0.625	5	5 C*	4	5 C**	6.553

K	L	M	N	P	Q	R	S
3.25	2.932	12.734	6.453	3	3.724	13.177	1.5

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



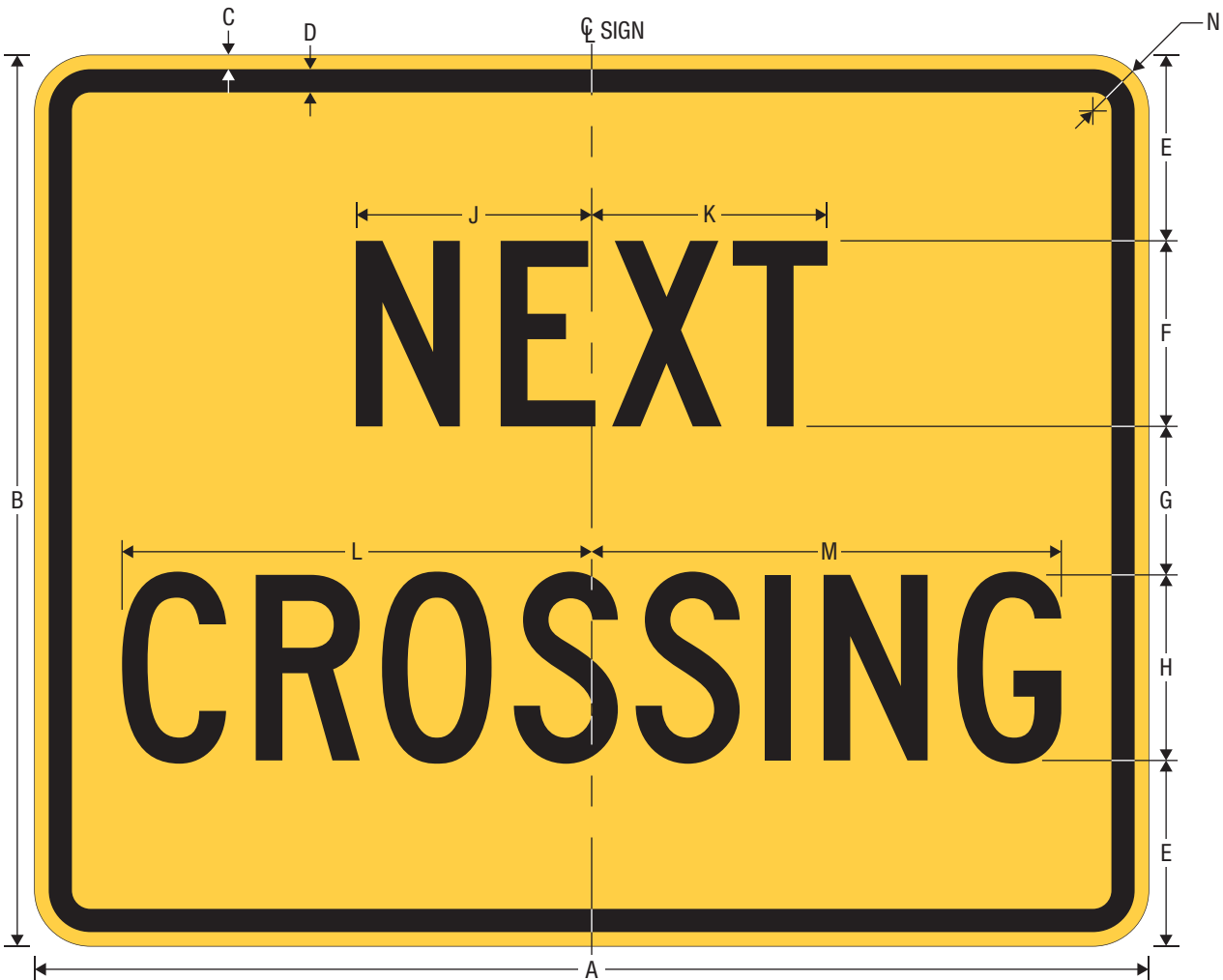
W10-14aP
USE NEXT CROSSING (PLAQUE)

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H
30	24	0.375	0.625	5	5 C	4	5 C*

J	K	L	M	N	P	Q
9.854	3.051	0.449	12.705	12.650	12.649	1.5

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



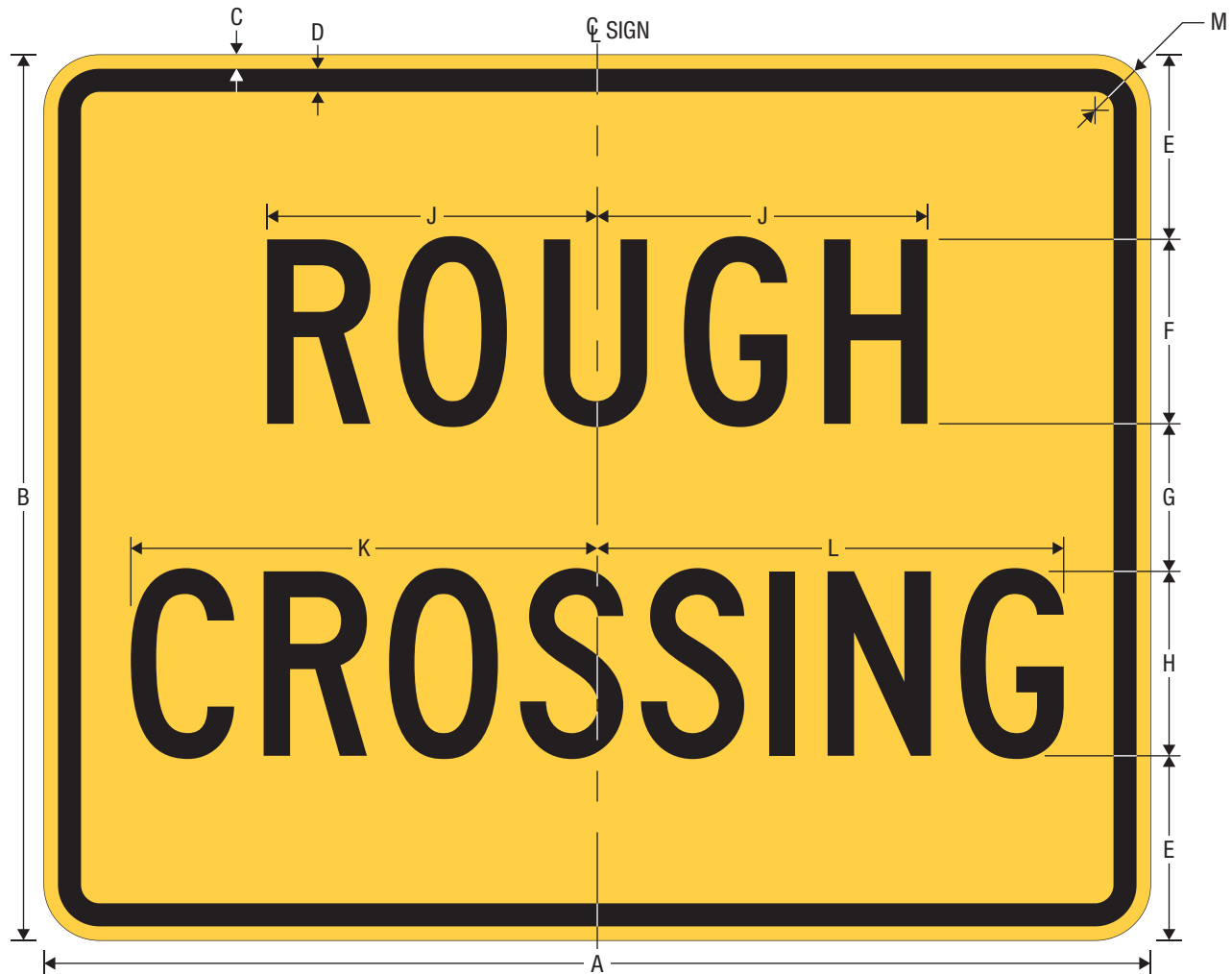
W10-14P
NEXT CROSSING (PLAQUE)

* Reduce Spacing 20%.

A	B	C	D	E	F	G
30	24	0.375	0.625	5	5 C	4

H	J	K	L	M	N
5 C*	6.353	6.352	12.650	12.649	1.5

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



W10-15P
ROUGH CROSSING (PLAQUE)

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M
30	24	0.375	0.625	5	5 C	4	5 C*	8.953	12.650	12.649	1.5
36	30	0.5	0.75	6.5	6 C	5	6 C*	10.744	15.180	15.179	1.875

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



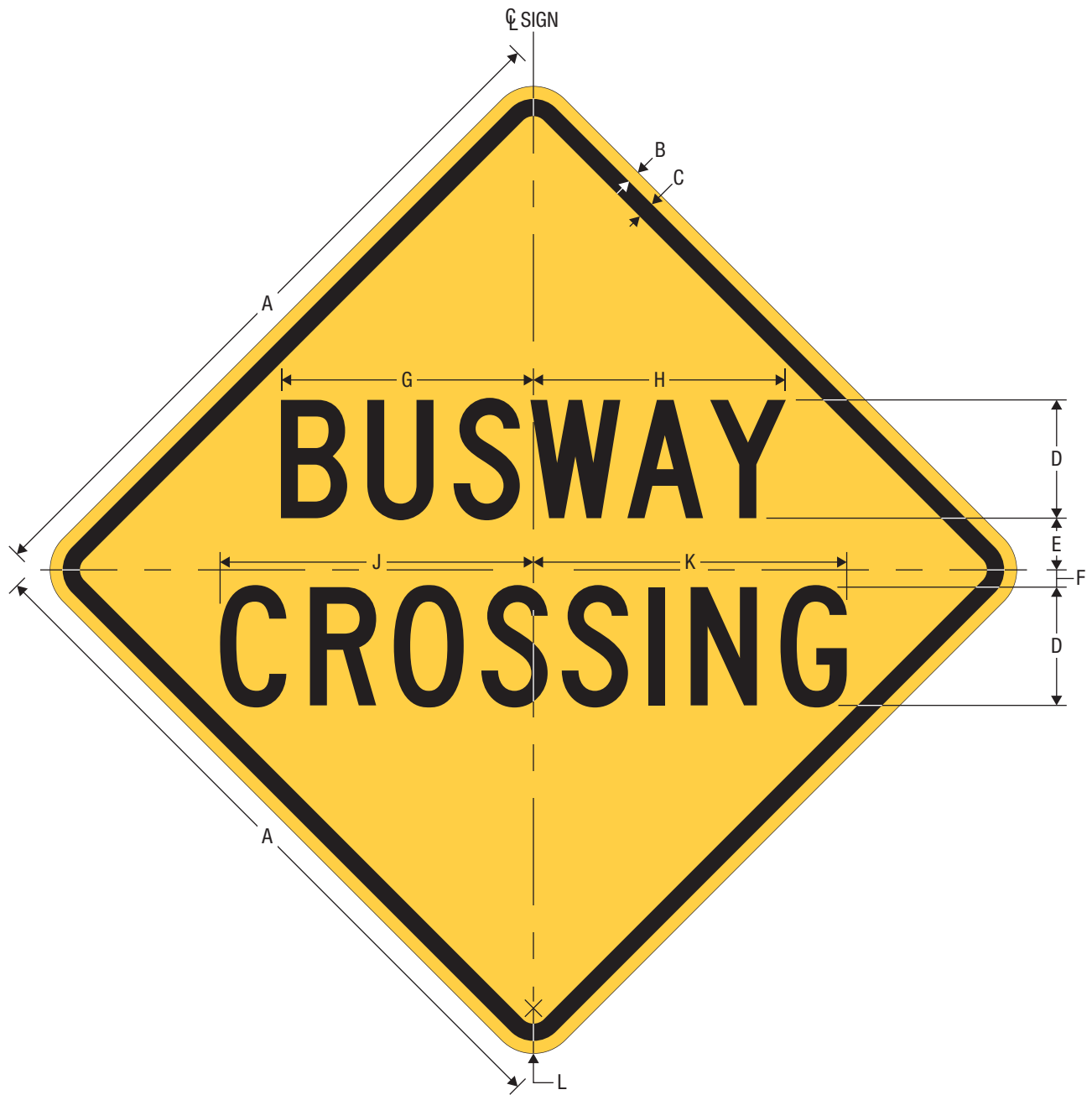
W10-16

ANOTHER TRAIN COMING (BLANK-OUT)

* Increase Spacing 50%.

A	B	C	D	E	F	G	H	J
30	3.75	5 C	5 C*	12.305	12.304	8.240	11.504	11.503

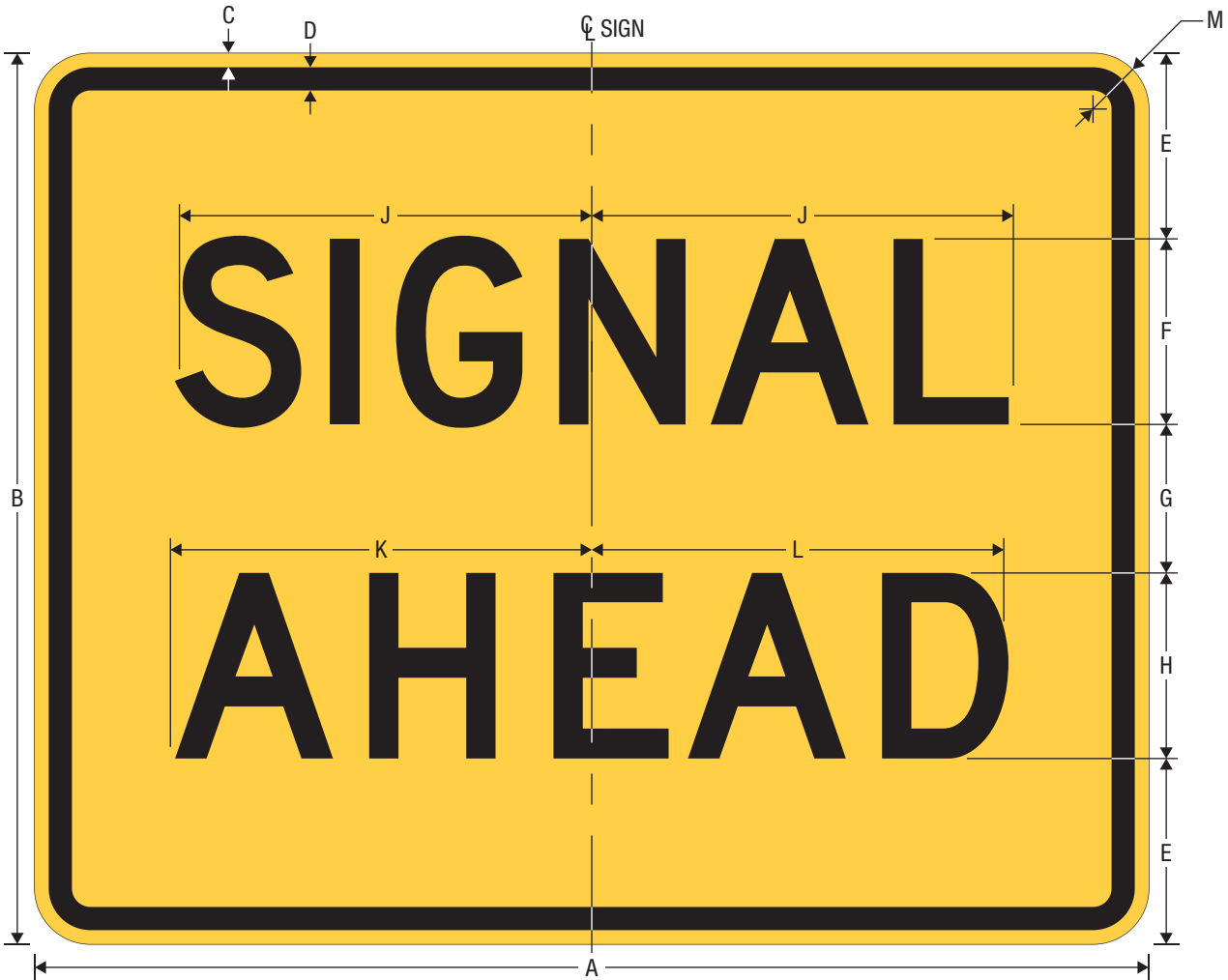
COLORS: LEGEND — YELLOW (ILLUMINATED)
BACKGROUND — BLACK
NO BORDER



W10-21
BUSWAY CROSSING

A	B	C	D	E	F	G	H	J	K	L
30	0.5	0.75	5 C	2.125	0.875	10.680	10.679	13.255	13.254	1.875
36	0.625	0.875	6 C	2.625	0.875	12.816	12.815	15.906	15.905	2.25
48	0.75	1.25	8 C	3.75	1.25	17.087	17.087	21.207	21.207	3

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



W10-21aP
SIGNAL AHEAD (PLAQUE)

* Reduce Spacing 10%.

** Increase Spacing 30%.

A	B	C	D	E	F	G	H	J	K	L	M
24	18	0.375	0.625	3.375	4 D*	3.25	4 D**	8.984	8.978	8.977	1.5
30	24	0.375	0.625	5	5 D*	4	5 D**	11.230	11.222	11.222	1.5
42	30	0.5	0.75	4.75	8 C*	4.5	8 C**	14.945	14.713	14.713	1.875

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

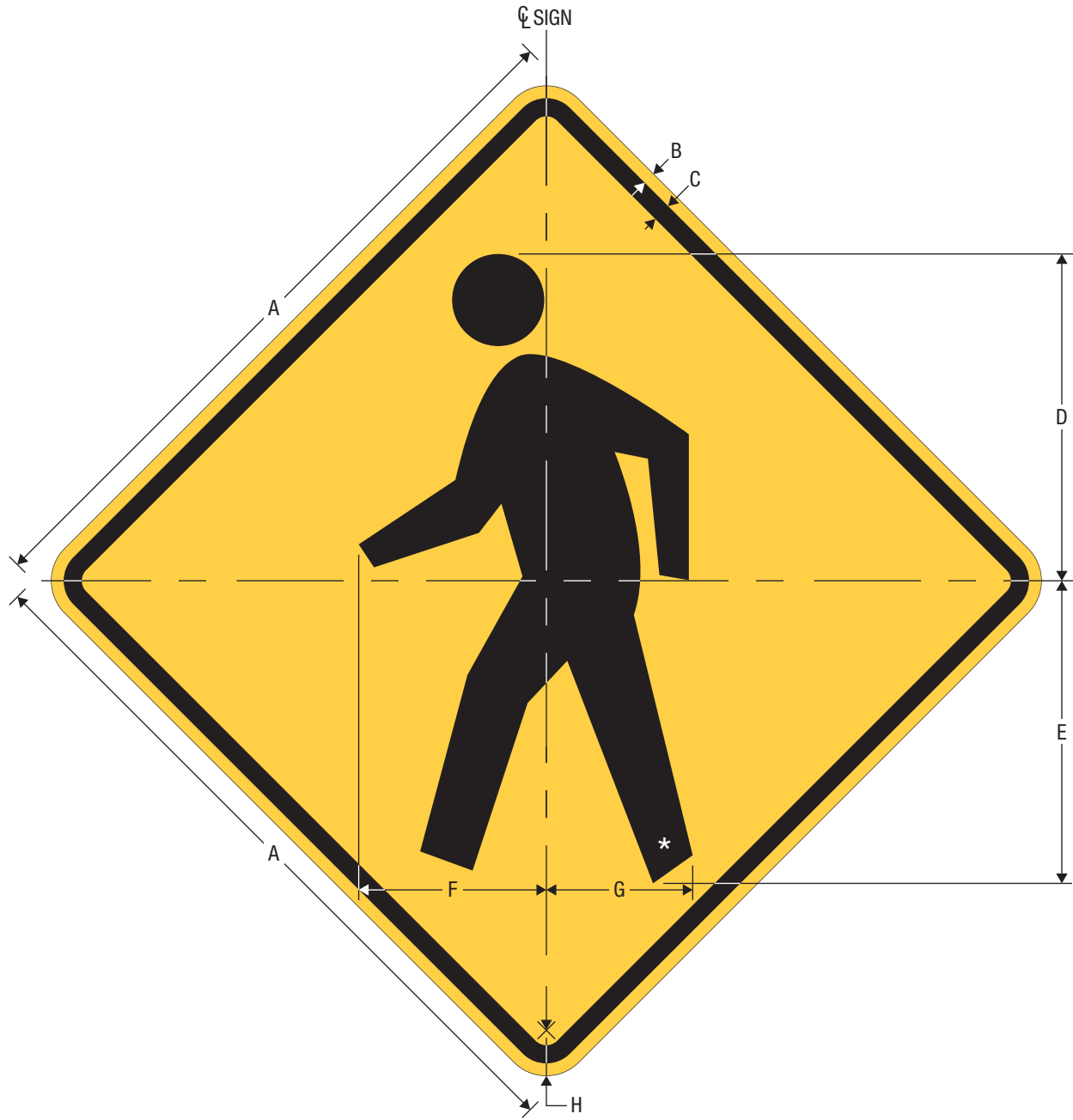


W11-1
BICYCLE

* See page 8-4 for symbol design.

A	B	C	D	E	F
18	0.375	0.625	5.625	3.875	1.5
30	0.5	0.75	9.375	6.625	1.875
36	0.625	0.875	11.25	8	2.25
48	0.75	1.25	15.125	10.375	3

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

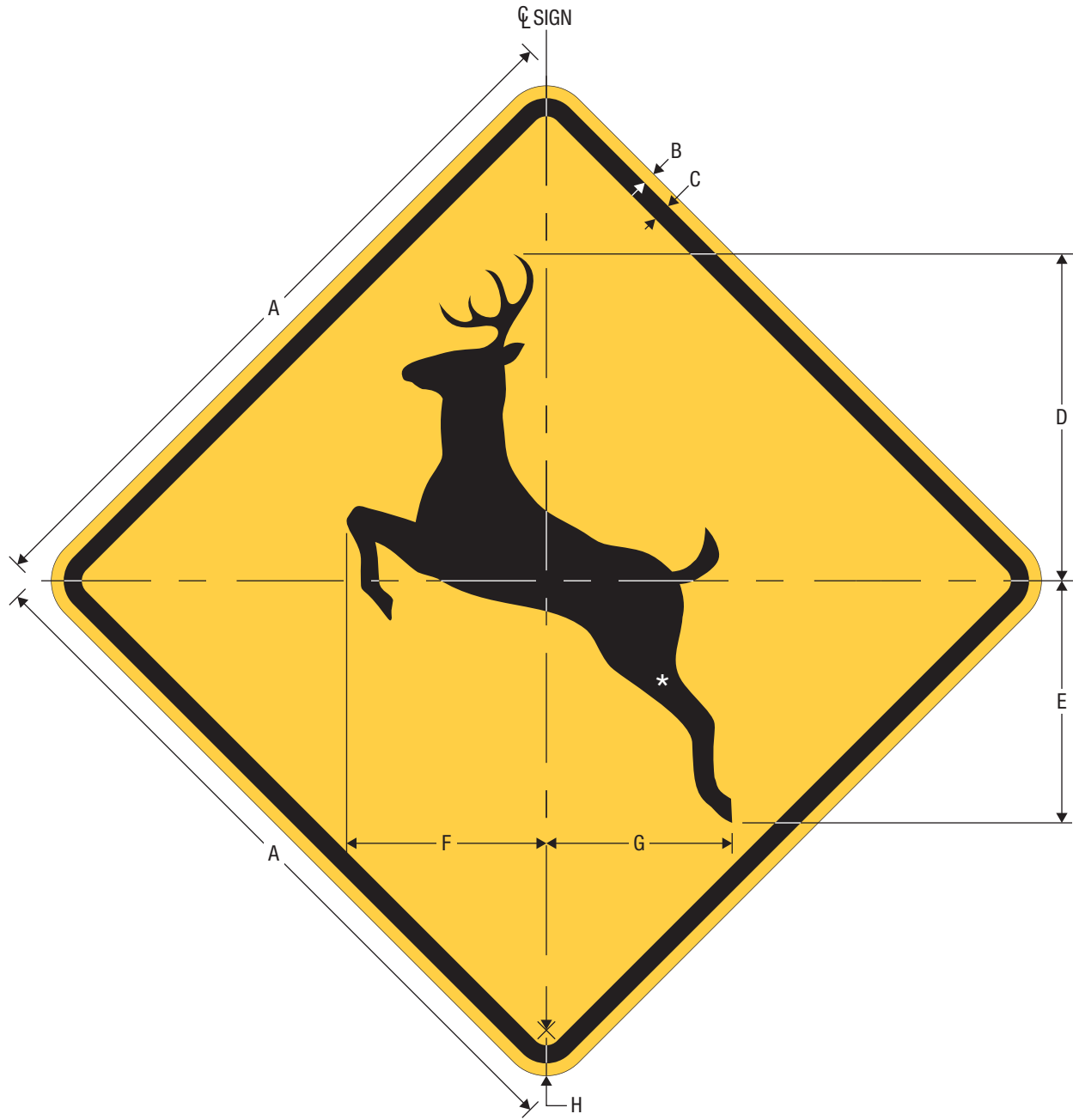


W11-2
PEDESTRIAN

* See page 8-7 for symbol design.

A	B	C	D	E	F	G	H
18	0.375	0.625	8	7.5	4.75	3.473	1.5
30	0.5	0.75	13.5	12.5	7.75	6.043	1.875
36	0.625	0.875	16	15	9.25	7.195	2.25
48	0.75	1.25	22	20	12.5	9.781	3

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

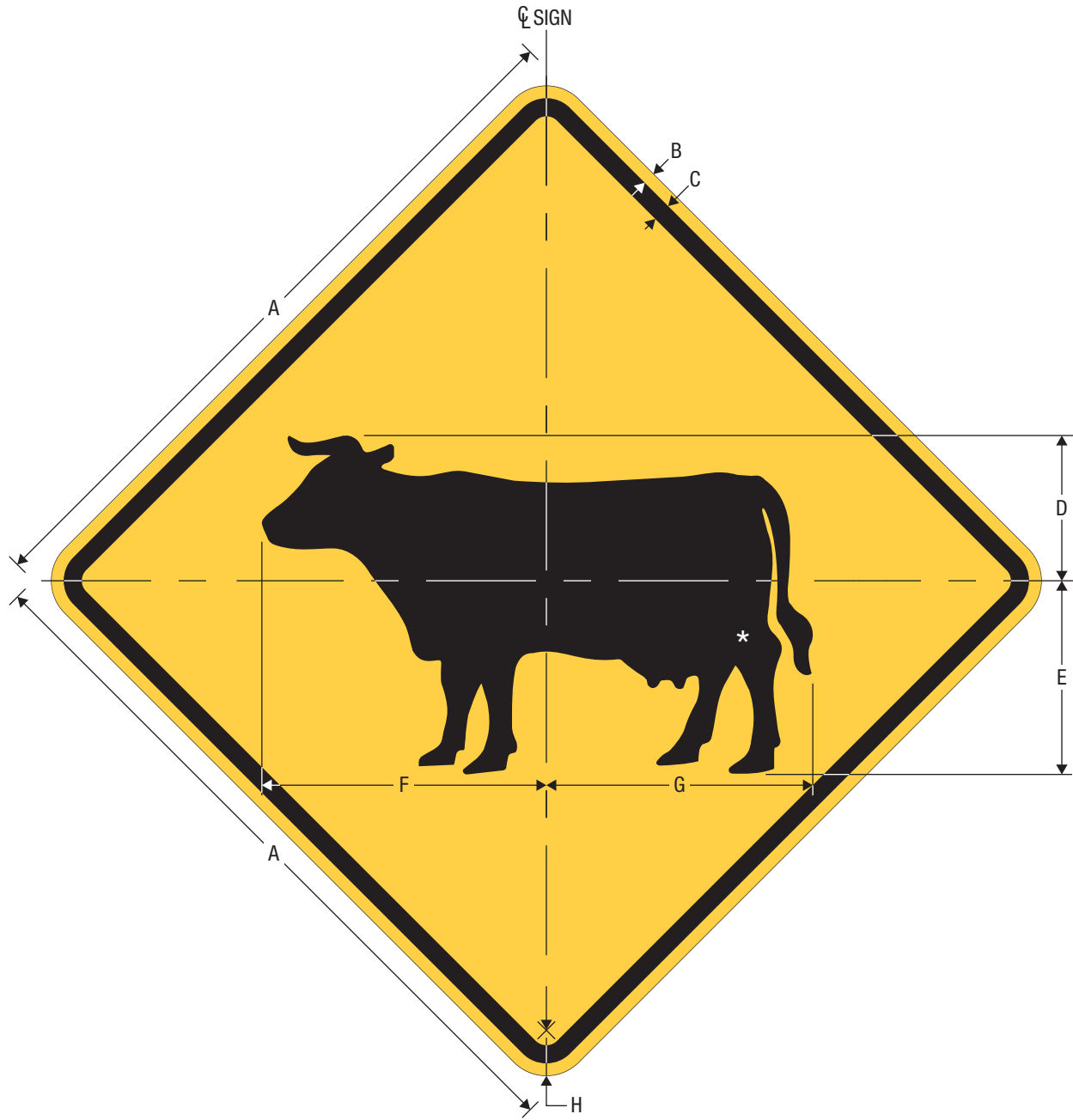


W11-3
LARGE ANIMAL - DEER

* See page 8-33 for symbol design.

A	B	C	D	E	F	G	H
24	0.375	0.625	10.625	7.875	6.5	6.035	1.5
30	0.5	0.75	13.5	10	8.25	7.673	1.875
36	0.625	0.875	16.25	12	9.875	9.266	2.25
48	0.75	1.25	21.25	15.75	13	12.070	3

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

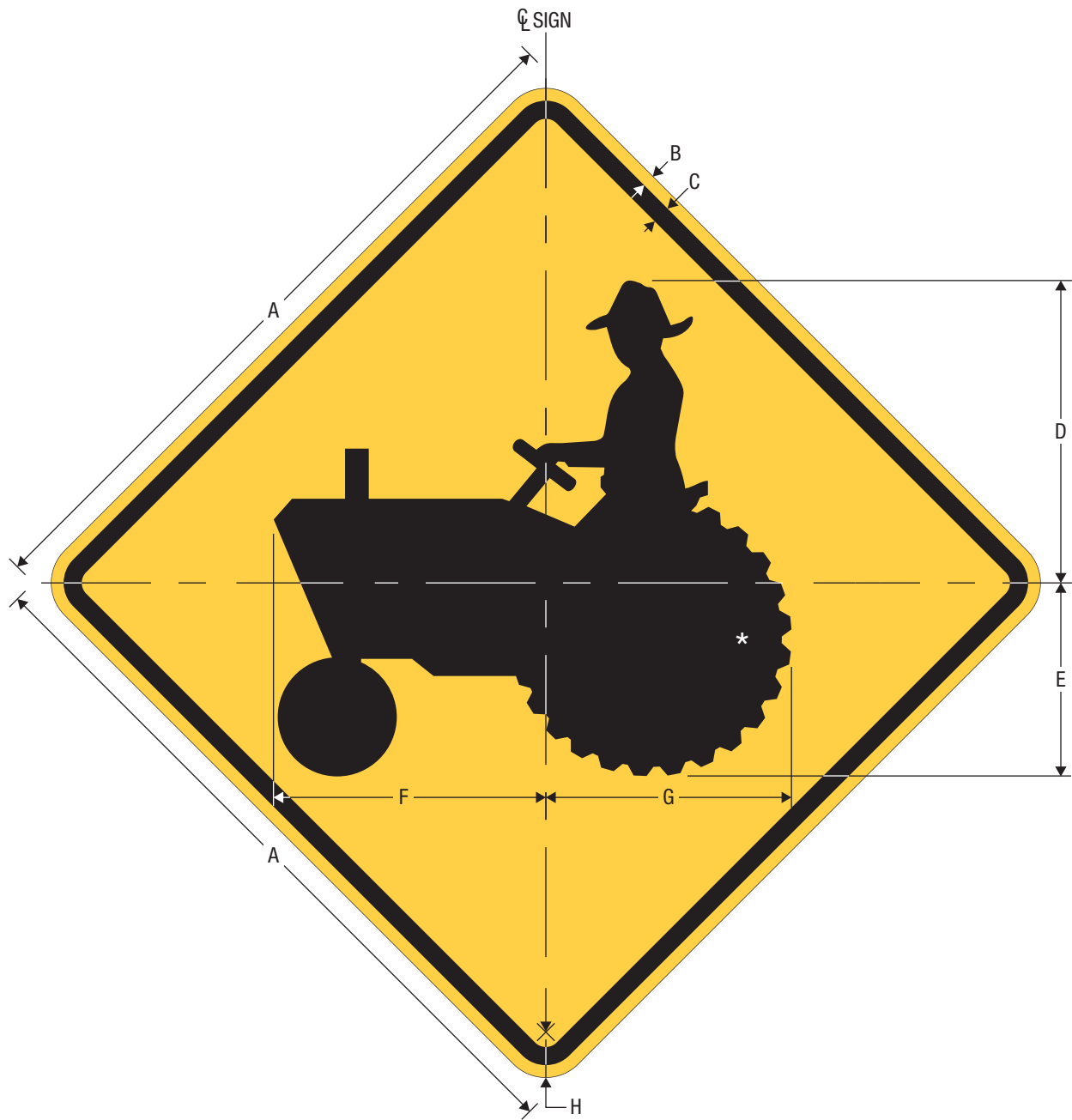


W11-4
LARGE ANIMAL - CATTLE

* See page 8-34 for symbol design.

A	B	C	D	E	F	G	H
24	0.375	0.625	4.75	6.25	9.25	8.628	1.5
30	0.5	0.75	6	8	11.75	11.004	1.875
36	0.625	0.875	7.25	9.625	14.125	13.301	2.25
48	0.75	1.25	9.5	12.625	18.5	17.459	3

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



W11-5
FARM VEHICLE

* See page 8-42 for symbol design.

A	B	C	D	E	F	G	H
24	0.375	0.625	10	6.375	9	8.096	1.5
30	0.5	0.75	12.5	8	11.25	10.153	1.875
36	0.625	0.875	15	9.5	13.25	12.329	2.25
48	0.75	1.25	20	12.75	17.875	16.317	3

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

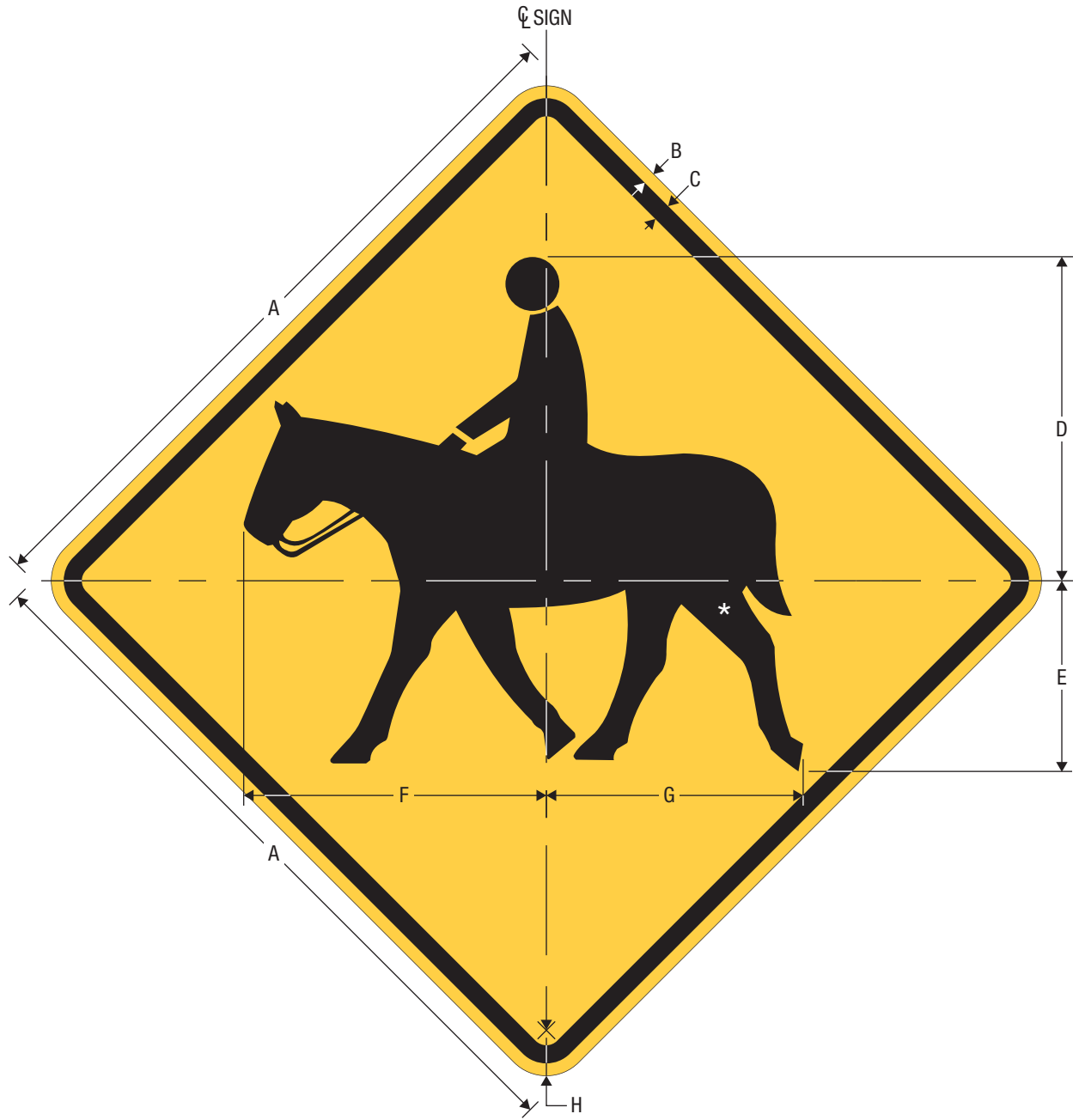


W11-6
SNOWMOBILE

* See page 8-43 for symbol design.

A	B	C	D	E	F
24	0.375	0.625	11	4	1.5
30	0.5	0.75	12.375	6.375	1.875
36	0.625	0.875	16.25	6.25	2.25
48	0.75	1.25	19.875	10.125	3

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

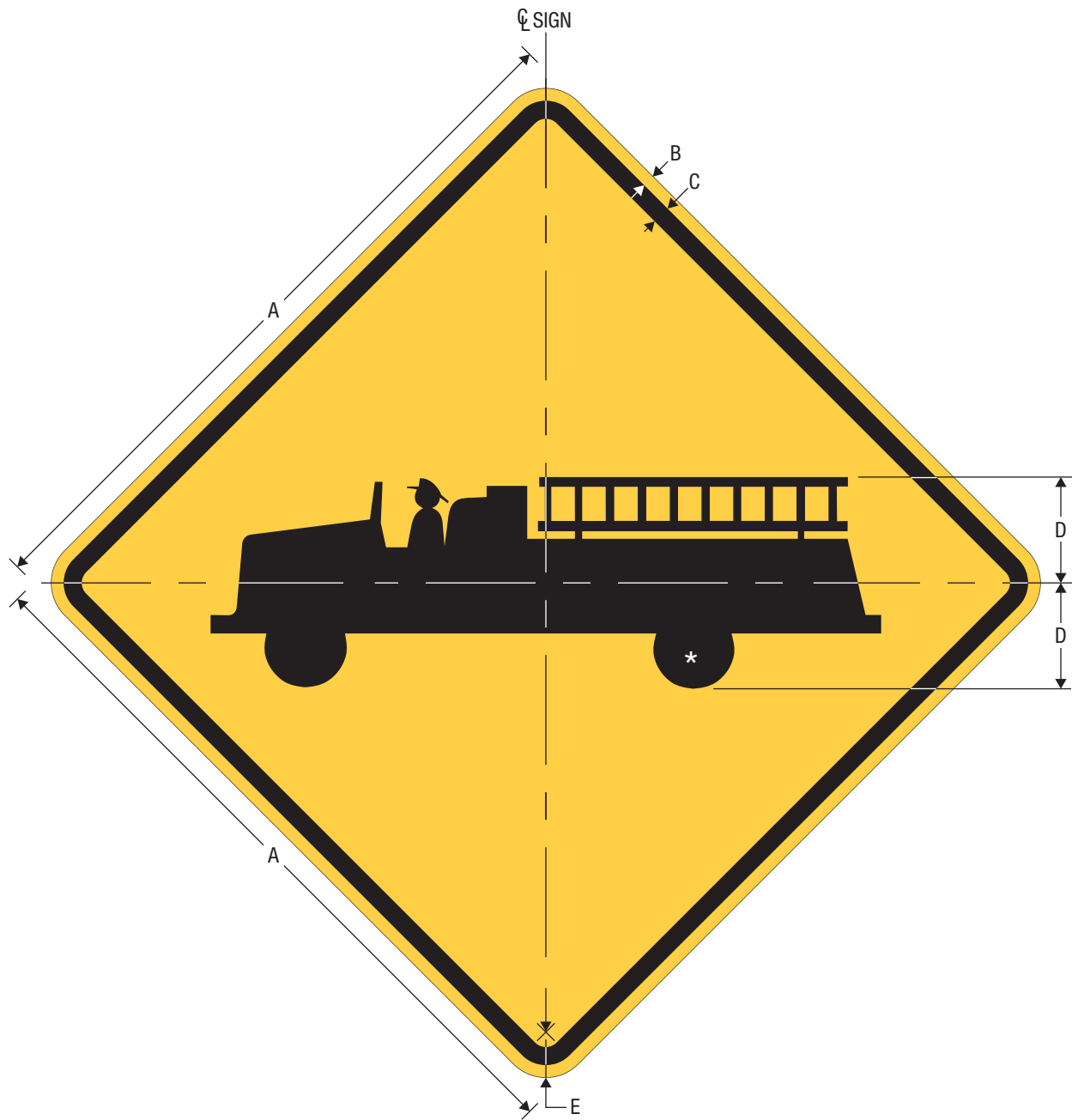


W11-7
EQUESTRIAN

* See page 8-44 for symbol design.

A	B	C	D	E	F	G	H
24	0.375	0.625	10.5	6.5	10	8.484	1.5
30	0.5	0.75	13.375	7.875	12.5	10.605	1.875
36	0.625	0.875	16	9.625	15	12.862	2.25
48	0.75	1.25	21.375	12.75	20	17.104	3

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

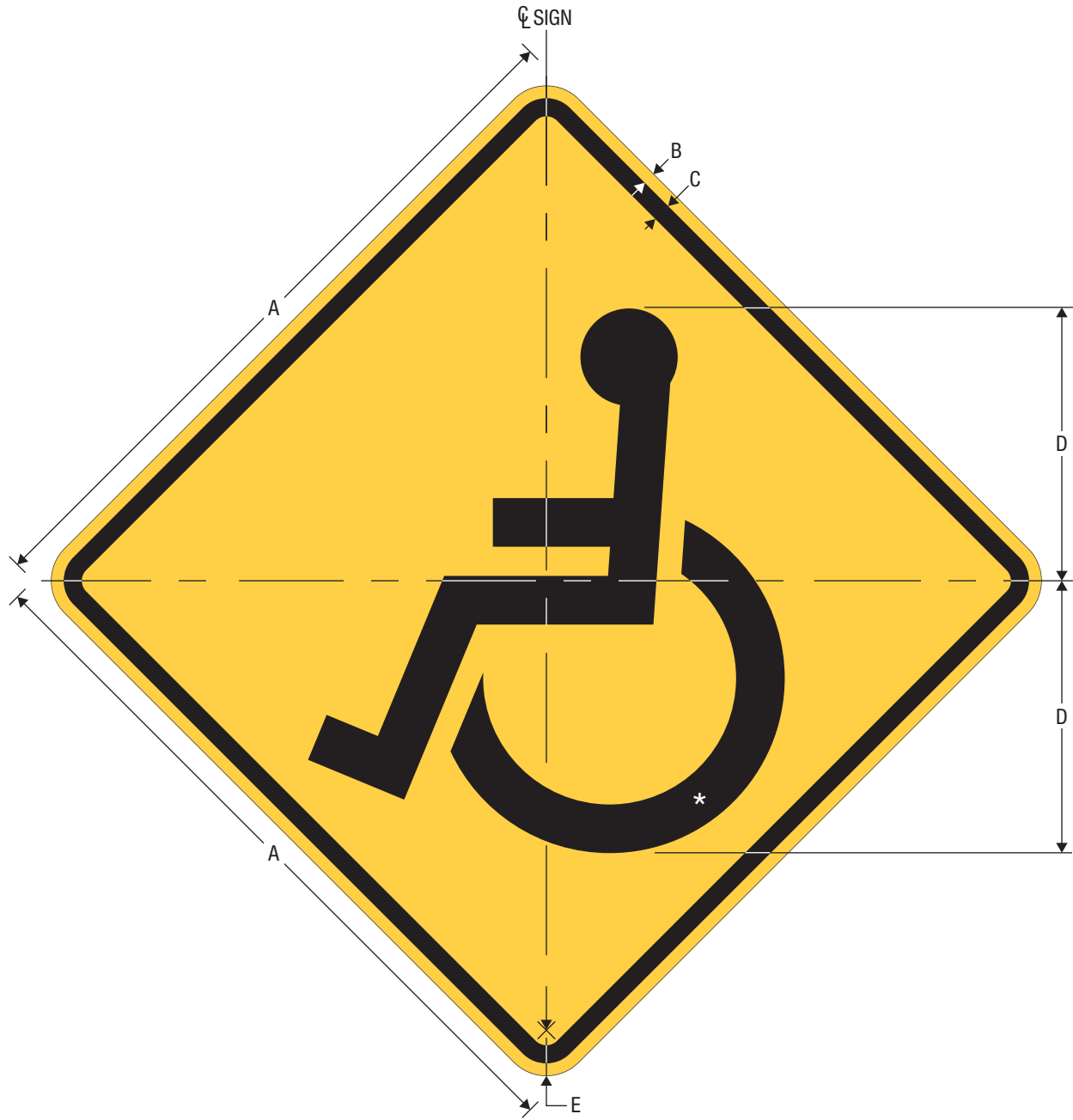


W11-8
EMERGENCY VEHICLE

* See page 8-15 for symbol design.

A	B	C	D	E
24	0.375	0.625	3.5	1.5
30	0.5	0.75	4.375	1.875
36	0.625	0.875	5.25	2.25
48	0.75	1.25	7	3

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

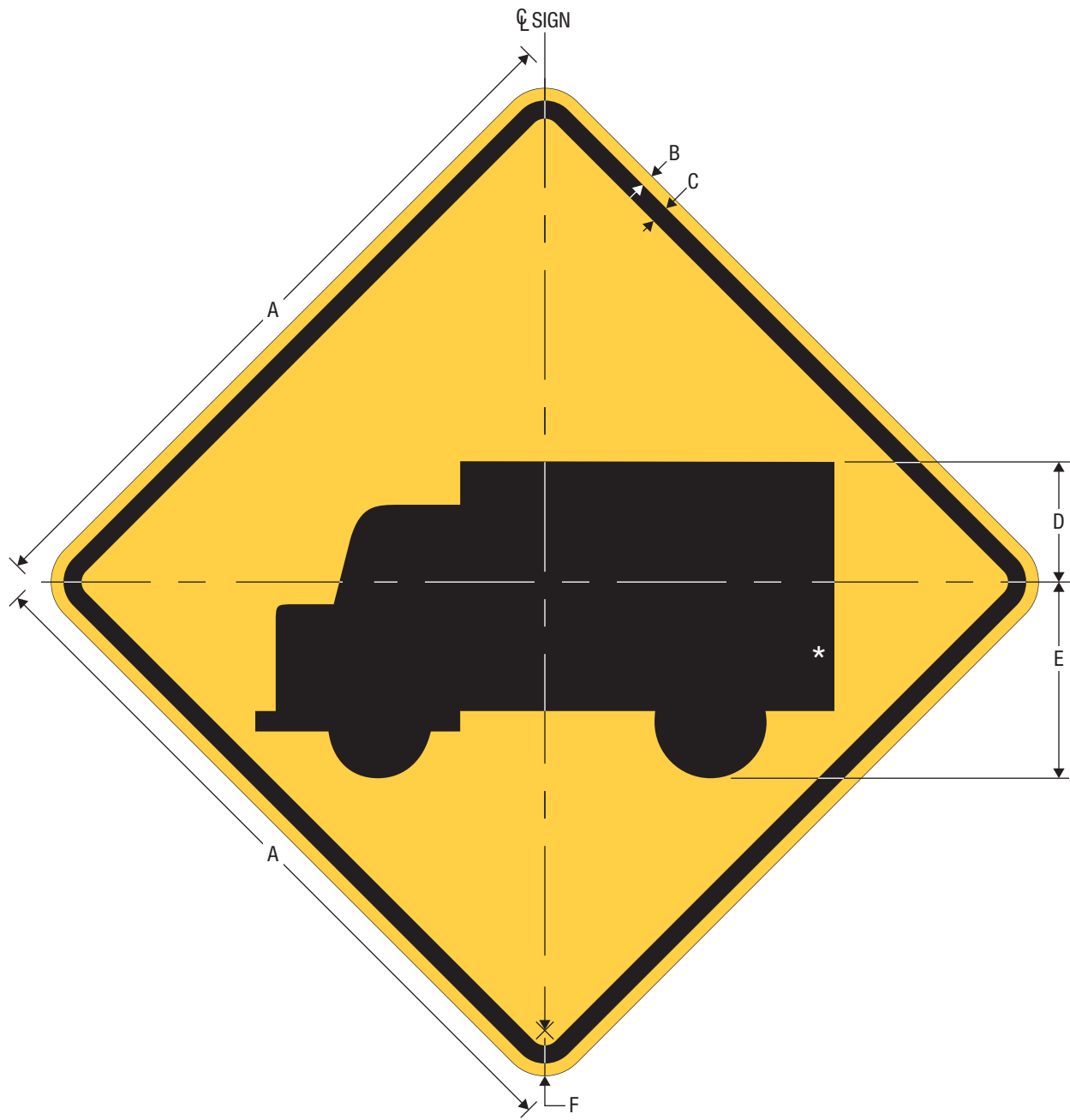


W11-9
HANDICAPPED

* See page 8-45 for symbol design.

A	B	C	D	E
30	0.5	0.75	11.25	1.875
36	0.625	0.875	13.5	2.25
48	0.75	1.25	18	3

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



W11-10
TRUCK

* See page 8-1 for symbol design.

A	B	C	D	E	F
24	0.375	0.625	4	6.5	1.5
30	0.5	0.75	5	8.125	1.875
36	0.625	0.875	6	9.5	2.25
48	0.75	1.25	8	12.75	3

WARNING SIGN

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

TTC SIGN

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



W11-11
GOLF CART

* See page 8-46 for symbol design.

A	B	C	D	E	F	G	H
24	0.375	0.625	7.125	6.125	9.5	9.036	1.5
30	0.5	0.75	9	7.75	11.966	11.466	1.875
36	0.625	0.875	11	9	14.25	13.728	2.25
48	0.75	1.25	14.5	12.25	19	18.421	3

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

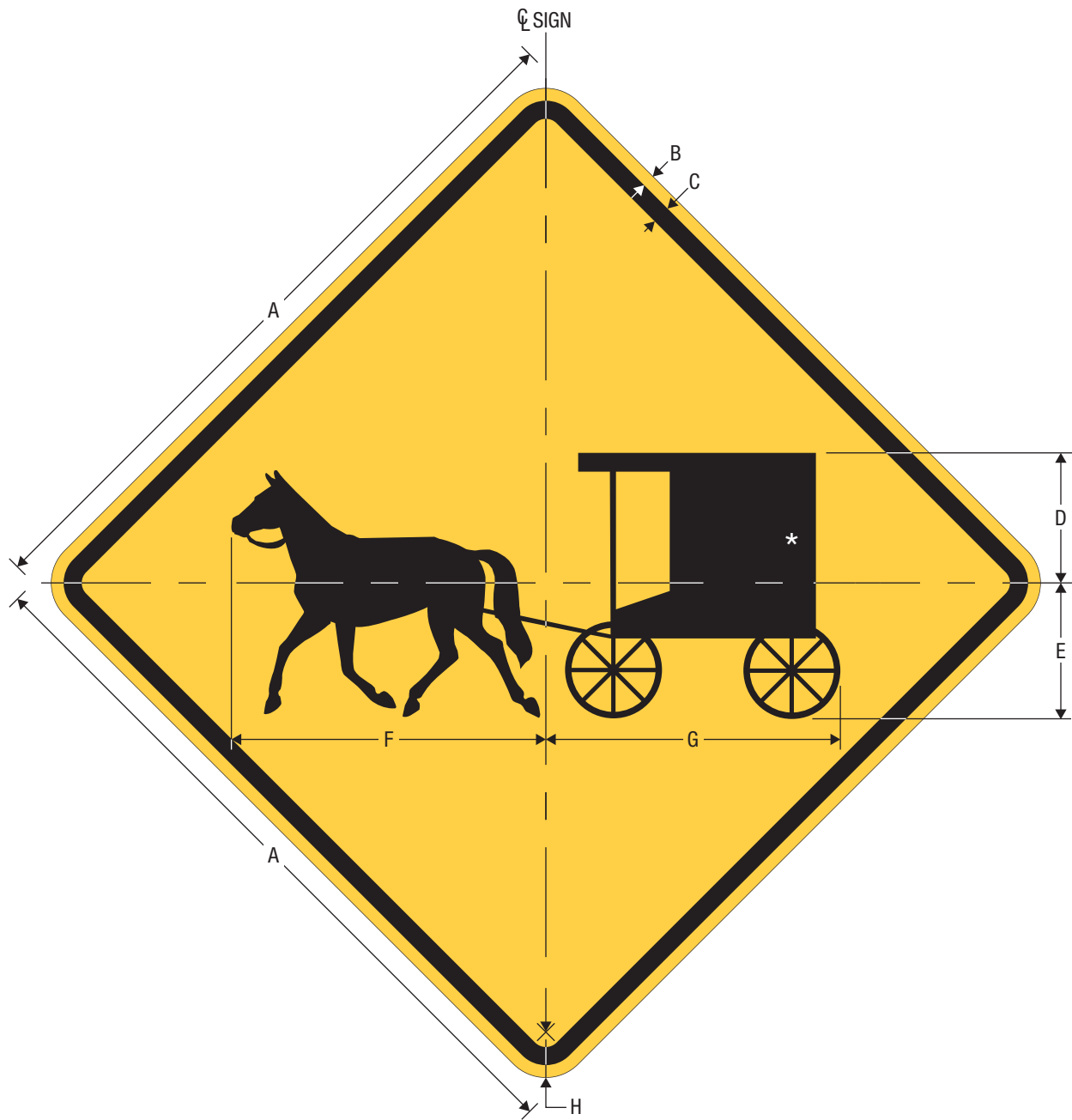


W11-12P

EMERGENCY SIGNAL AHEAD (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M	N
24	18	0.375	0.625	3	3 C	1.5	9.709	5.732	5.732	5.252	5.252	1.5
30	24	0.5	0.75	4	4 C	2	12.945	7.643	7.642	7.003	7.002	1.875
36	30	0.625	0.875	5.625	4.25 C	3	13.754	8.120	8.120	7.440	7.440	2.25

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

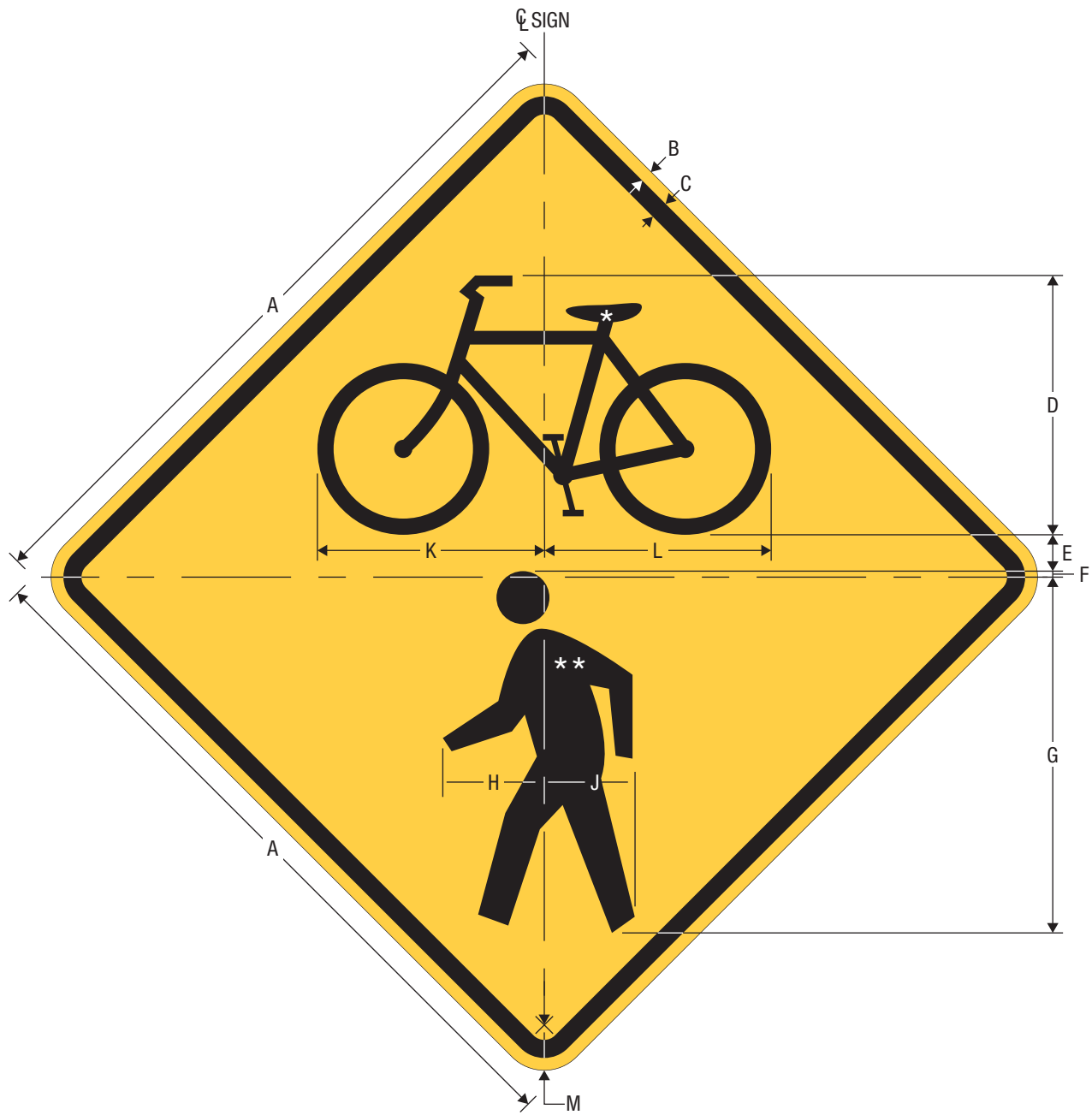


W11-14
HORSE-DRAWN VEHICLE

* See page 8-51 for symbol design.

A	B	C	D	E	F	G	H
24	0.375	0.625	4.25	4.5	10.5	9.525	1.5
30	0.5	0.75	5.375	5.625	13	12.174	1.875
36	0.625	0.875	6.625	6.625	15.75	14.573	2.25
48	0.75	1.25	8.5	9	20.75	19.299	3

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



W11-15
TRAIL CROSSING

* See page 8-4 for symbol design.

** See page 8-7 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M
18	0.375	0.625	6.25	0.875	0.125	8.875	2.524	2.25	5.469	5.469	1.5
24	0.375	0.625	8.5	1.25	0.125	11.875	3.366	3	7.438	7.437	1.5
30	0.5	0.75	10.75	1.5	0.25	14.75	4.207	3.75	9.407	9.406	1.875
36	0.625	0.875	12.75	1.75	0.375	17.625	5.049	4.5	11.157	11.156	2.25
48	0.75	1.25	17	2.375	0.375	23.625	6.732	6	14.875	14.875	3

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



W11-15P
TRAIL CROSSING (PLAQUE)

A	B	C	D	E	F	G	H
18	12	0.375	0.375	2.5	2.5 D	2	4.440
24	18	0.375	0.625	3.5	4 D	3	7.104
30	24	0.375	0.625	5	5 D	4	8.880
36	30	0.5	0.75	6.5	6 D	5	10.656

J	K	L	M	N	P	Q
4.439	1.702	1.25	1.001	0.249	4.453	1.5
7.103	2.723	2	1.602	0.398	7.075	1.5
8.879	3.404	2.5	2.002	0.498	8.843	1.5
10.655	4.085	3	2.402	0.598	10.612	1.875

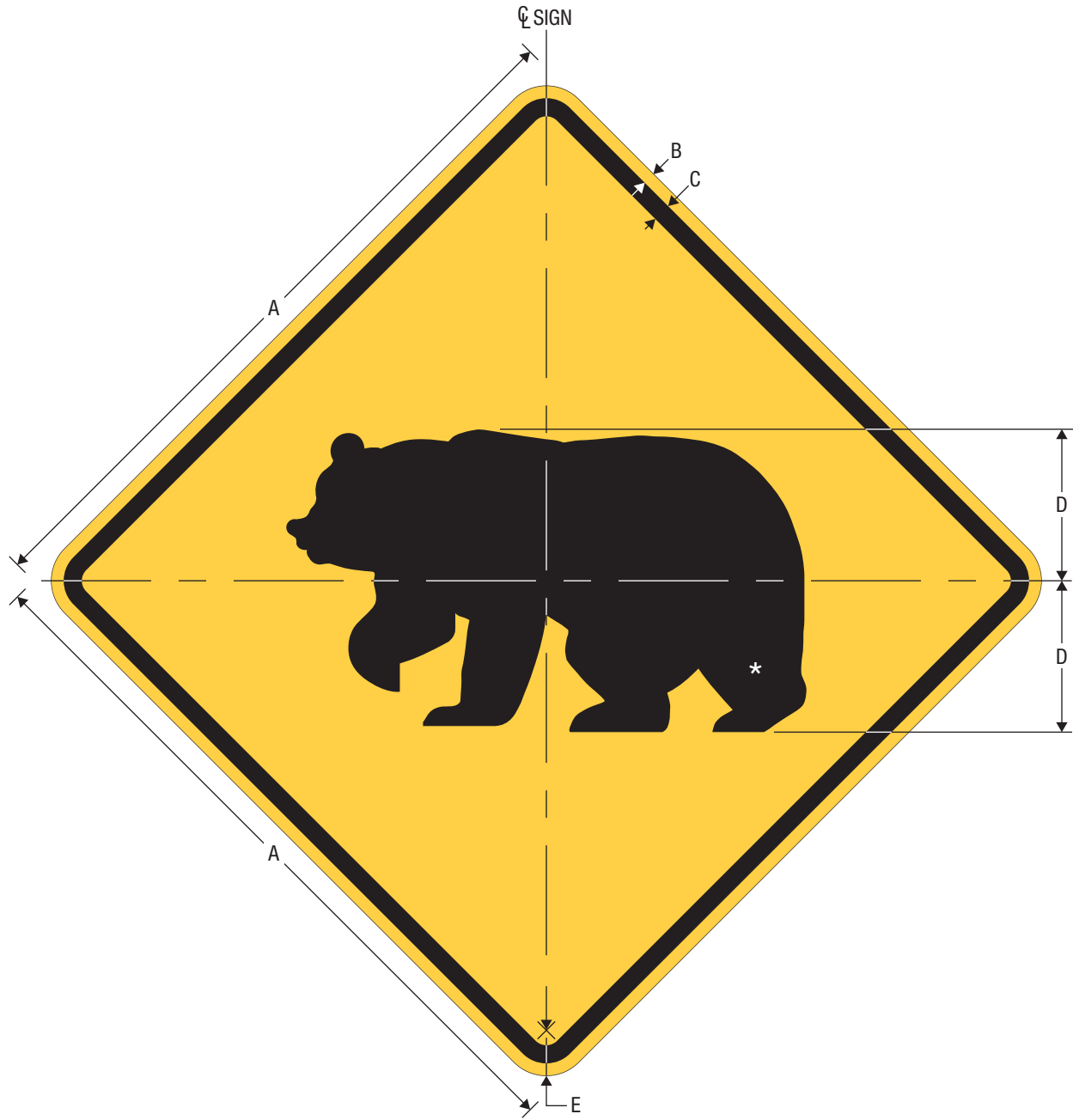
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE) OR
FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)



W11-15a
TRAIL CROSSING

A	B	C	D	E	F	G	H	J	K
24	0.375	0.625	4 C	3	5.402	6.402	10.604	10.603	1.5
30	0.5	0.75	5 C	3.75	6.878	7.877	13.255	13.254	1.875
36	0.625	0.875	6 C	4.5	8.103	9.603	15.906	15.905	2.25
48	0.75	1.25	8 C	6	10.804	12.804	21.207	21.207	3

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

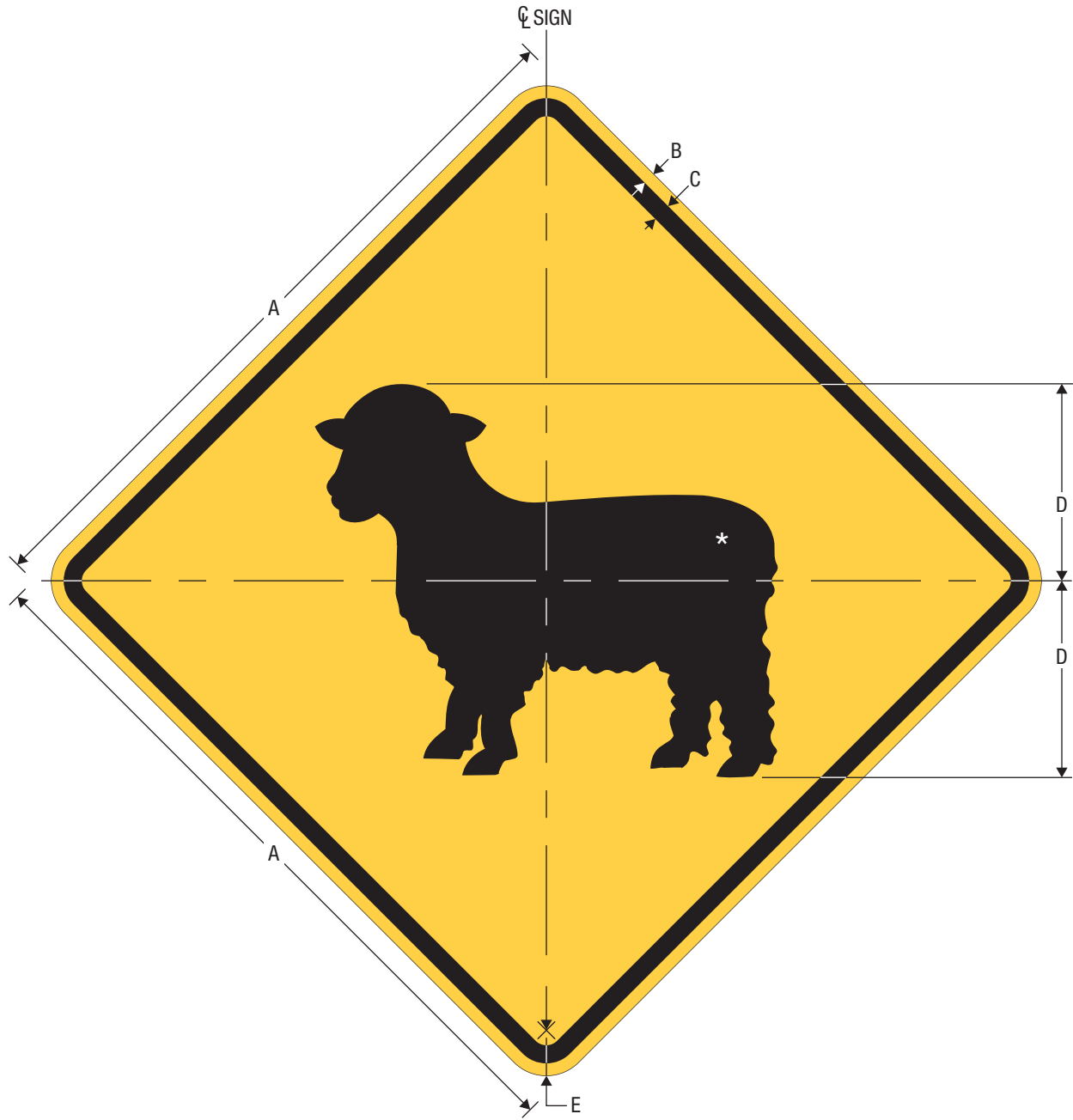


W11-16
LARGE ANIMAL - BEAR

* See page 8-35 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)

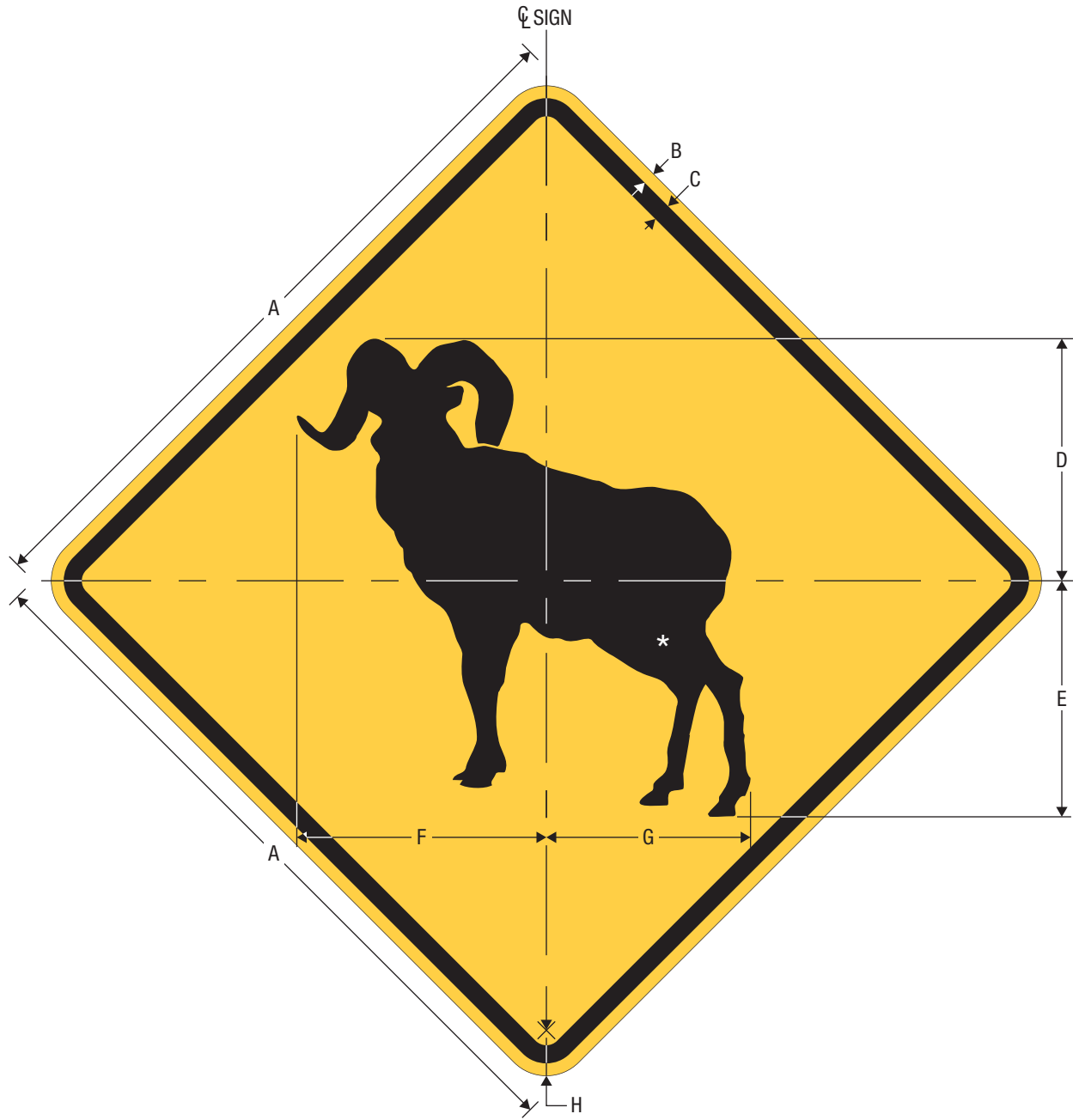


W11-17
LARGE ANIMAL - SHEEP

* See page 8-36 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)



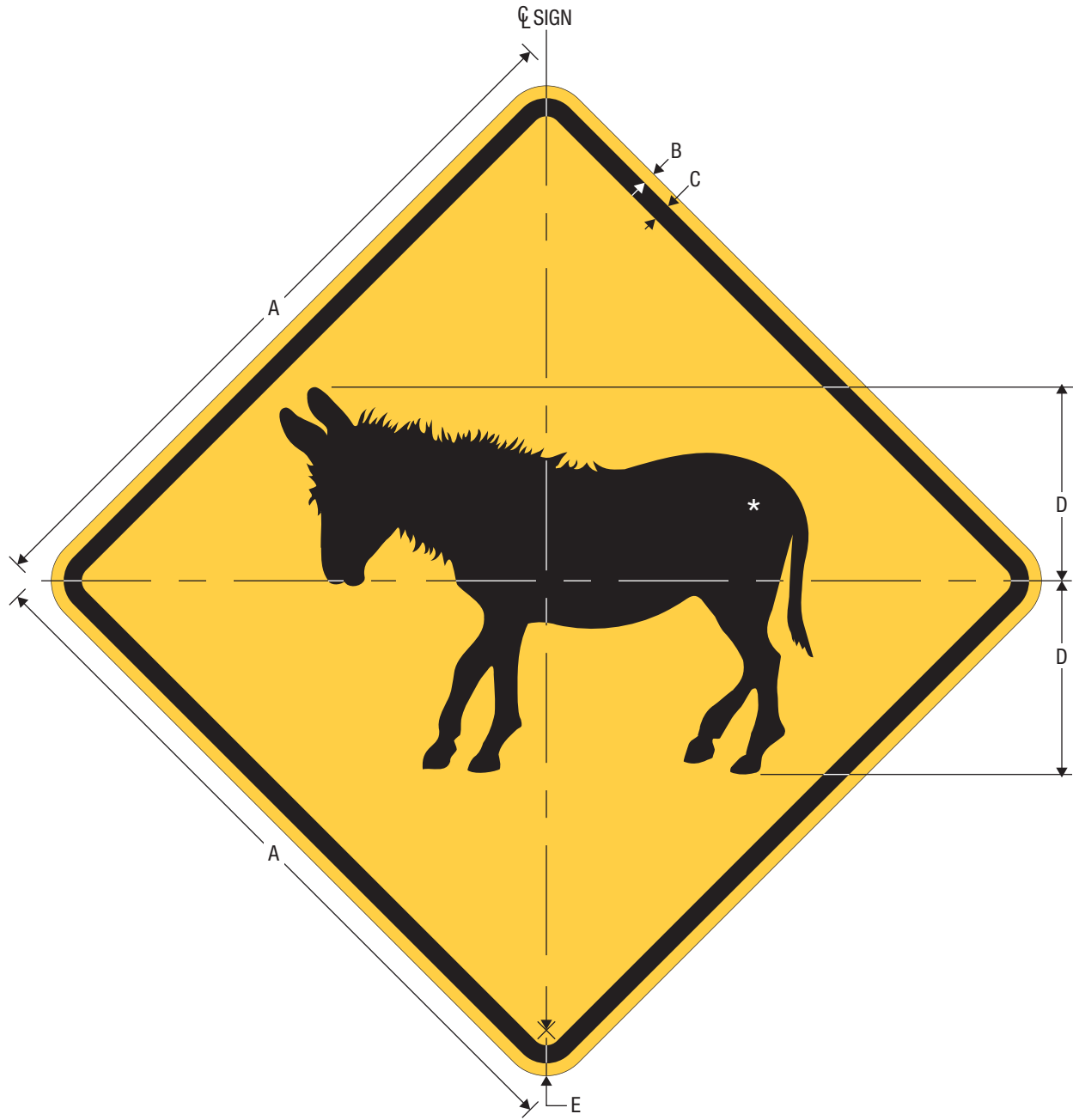
W11-18

LARGE ANIMAL - BIGHORN SHEEP

* See page 8-37 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)

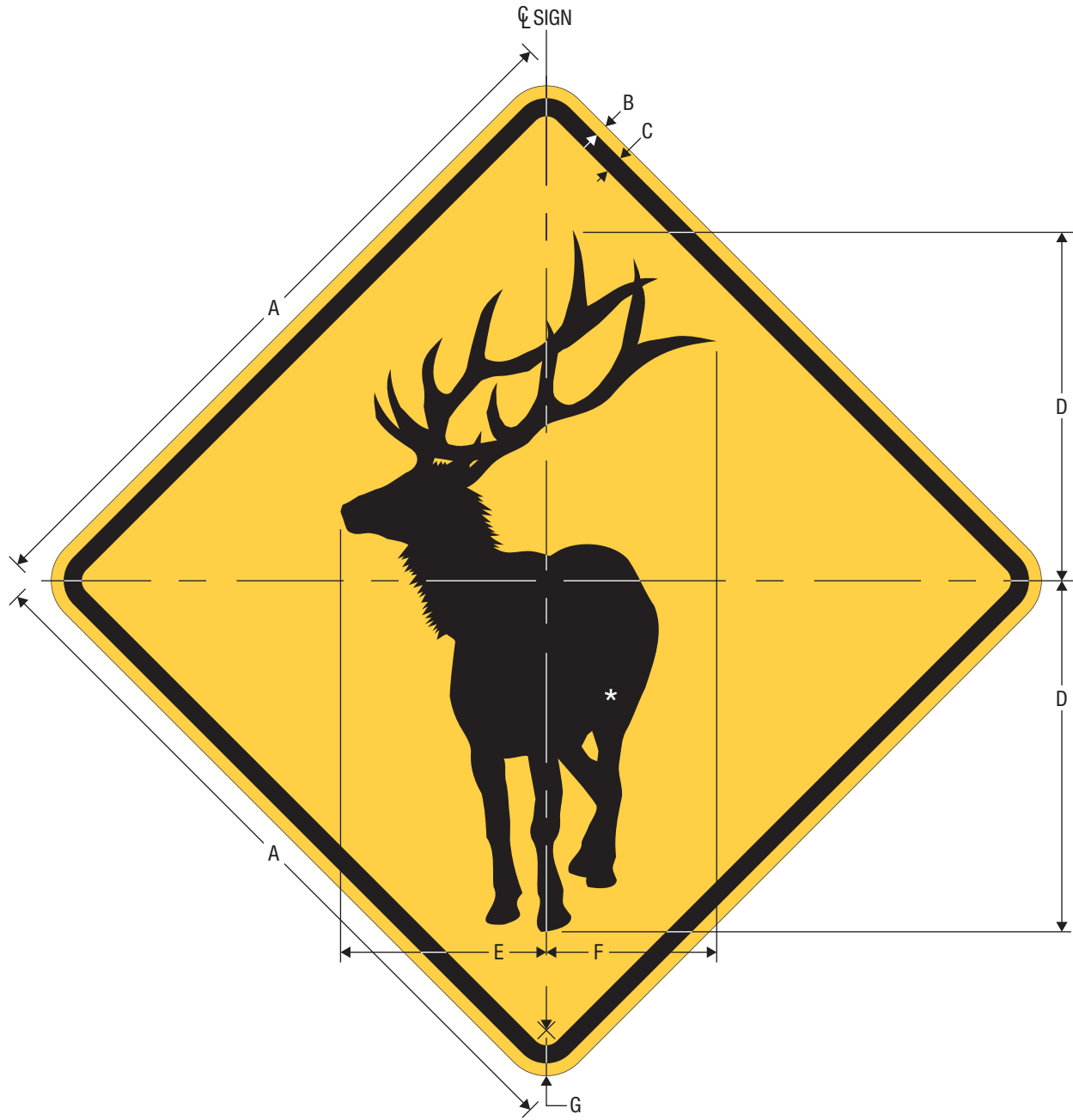


W11-19
LARGE ANIMAL - DONKEY

* See page 8-38 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)

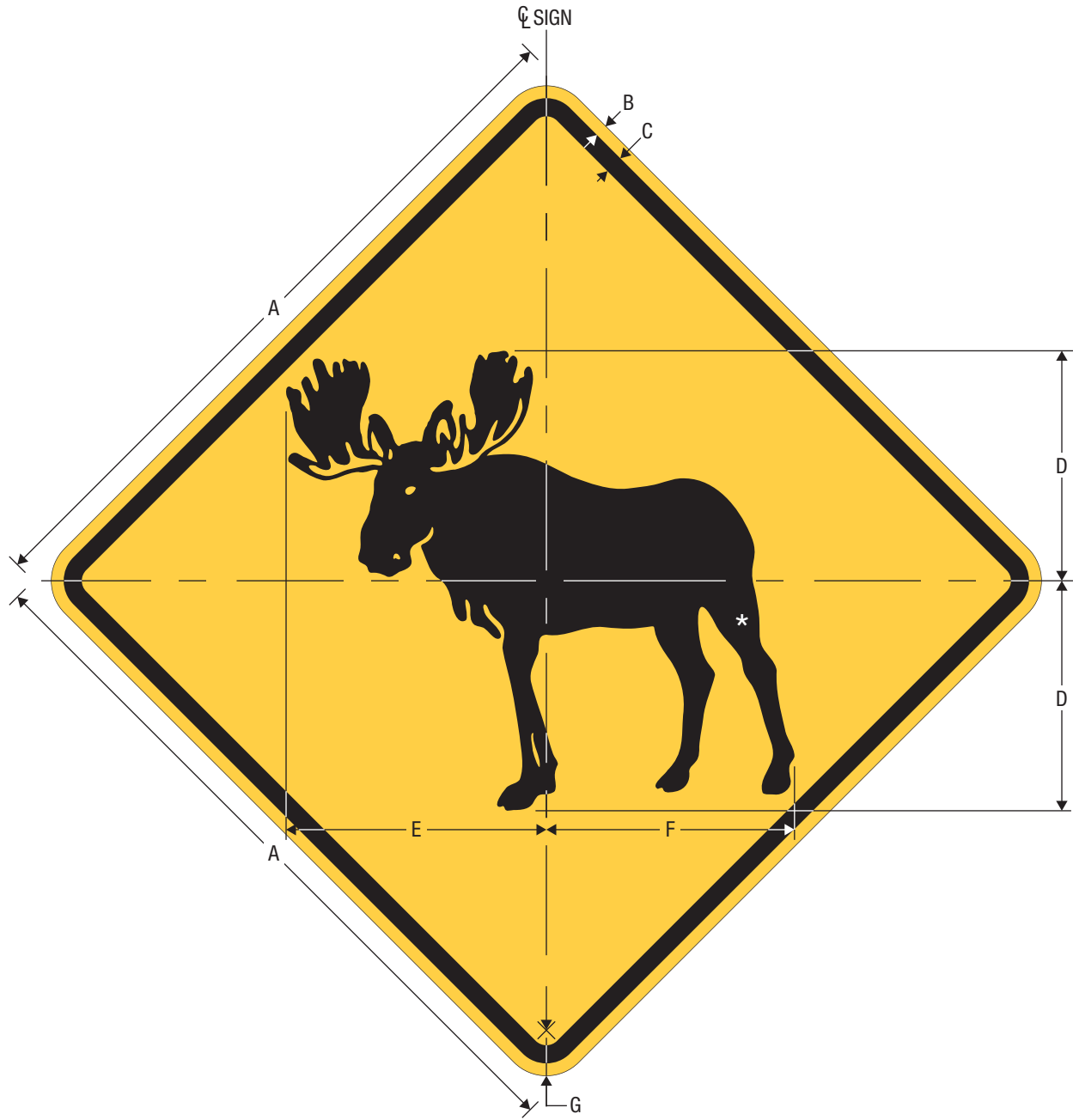


W11-20
LARGE ANIMAL - ELK

* See page 8-39 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)

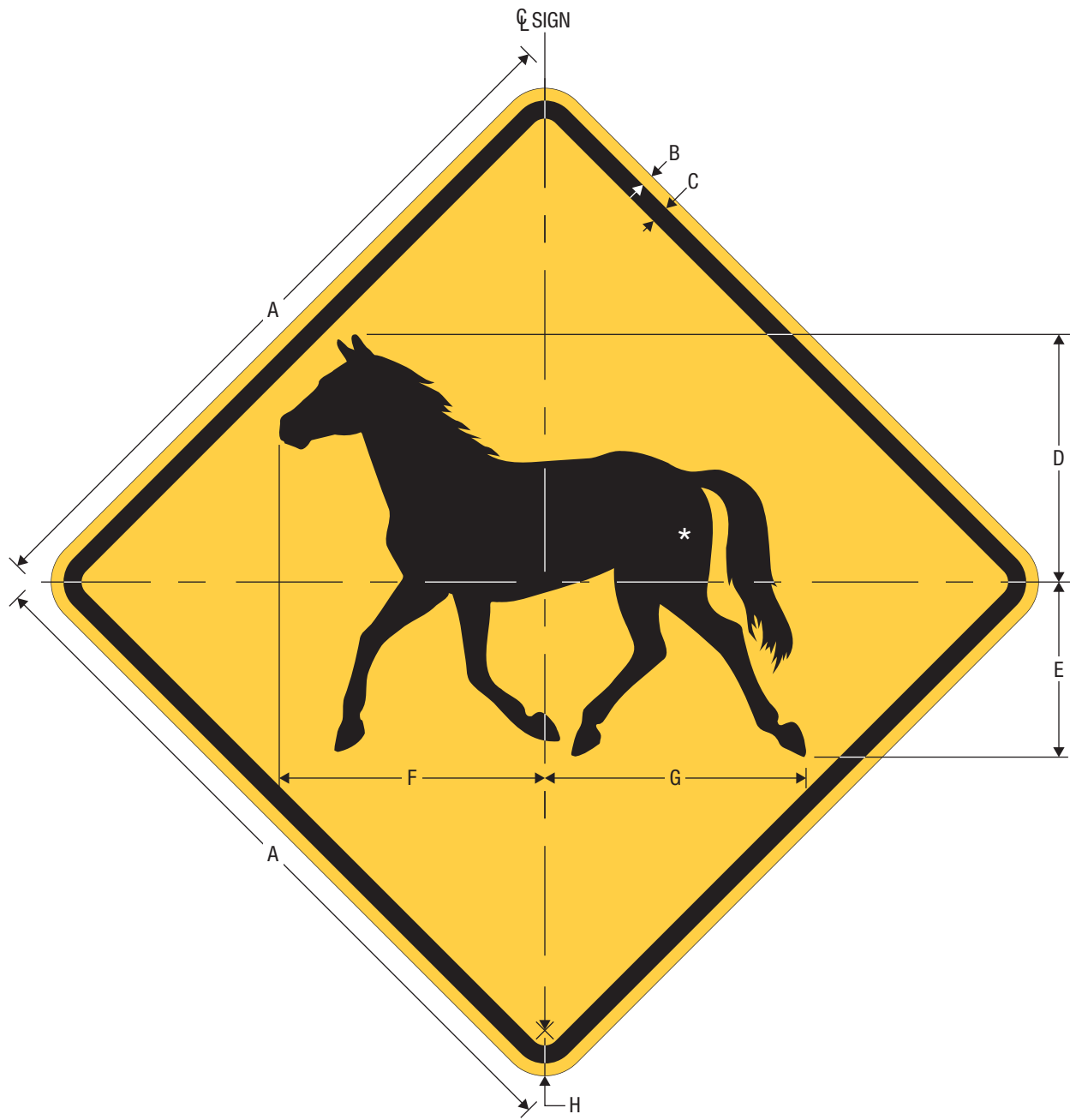


W11-21
LARGE ANIMAL - MOOSE

* See page 8-40 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)

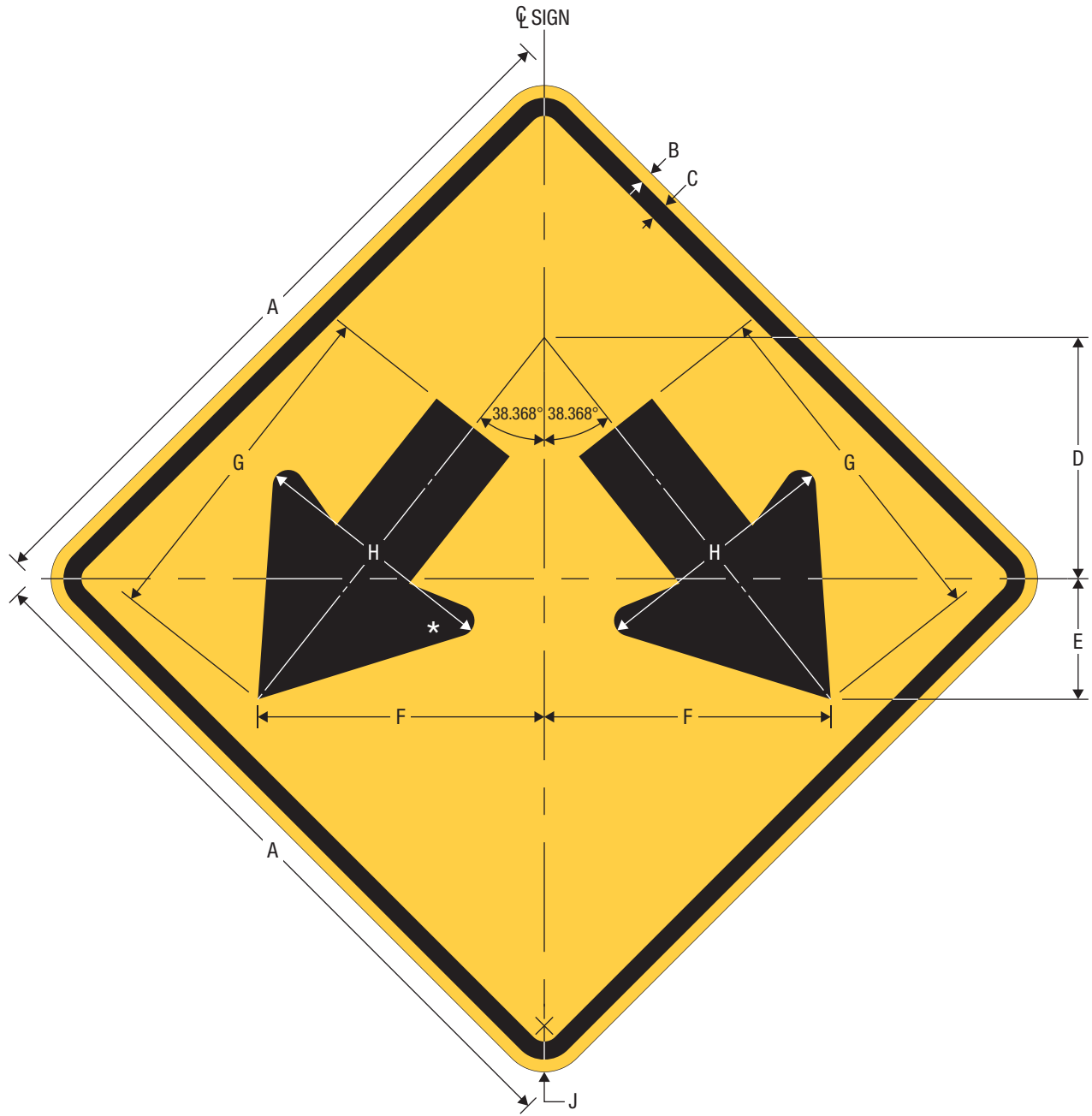


W11-22
LARGE ANIMAL - WILD HORSE

* See page 8-41 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)



W12-1
DOUBLE ARROW

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
30	0.5	0.75	10	5	11.875	14.375	10.313	1.875
36	0.625	0.875	12	6	14.25	17.25	12.375	2.25

WARNING SIGN

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

TTC SIGN

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



W12-2

LOW CLEARANCE ADVANCE

* See page 7-6 for arrow design.

A	B	C	D	E	F	G	H	J
18	0.375	0.625	6.75	0.975	3	6 C	VAR	VAR
30	0.5	0.75	11.25	1.625	5	10 C	VAR	VAR
36	0.625	0.875	13.5	1.950	6	12 C	VAR	VAR
48	0.75	1.25	18	2.600	8	16 C	VAR	VAR

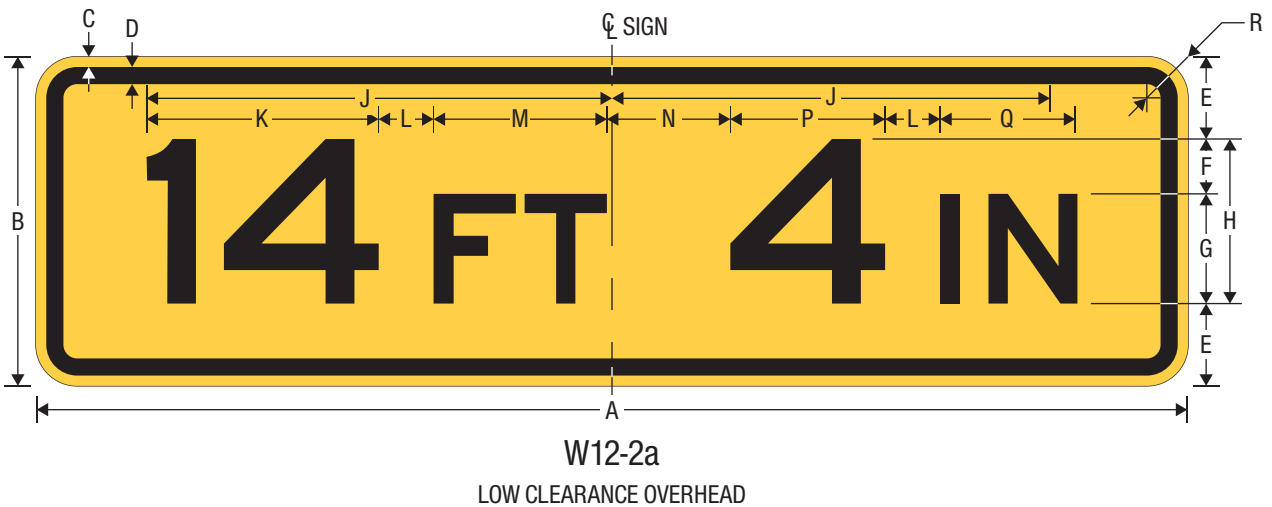
K	L	M	N	P	Q	R	S
0.375	0.844	0.438	2	0.5	VAR	2.381	1.5
0.625	1.406	0.729	3.333	0.833	VAR	3.969	1.875
0.75	1.687	0.875	4	1	VAR	4.762	2.25
1	2.25	1.667	5.333	1.333	VAR	6.350	3

WARNING SIGN

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

TTC SIGN

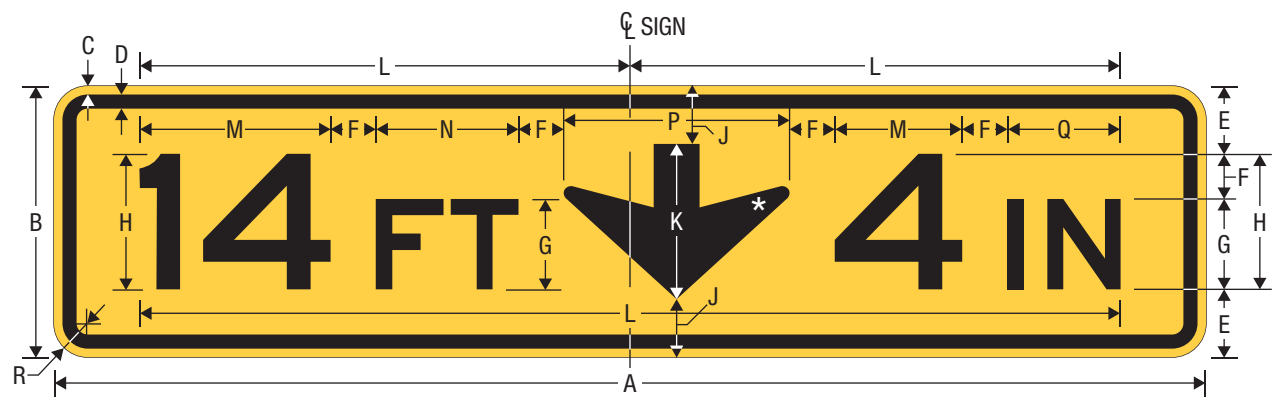
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



A	B	C	D	E	F	G	H
84	24	0.75	1.25	6	4	8 E	12 E

J	K	L	M	N	P	Q	R
VAR	VAR	4	12.640	9	VAR	10.004	3

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



W12-2b

LOW CLEARANCE - LANE OVERHEAD

* See page 7-5 for arrow design.

A	B	C	D	E	F	G	H
102	24	0.75	1.25	6	4	8 E	12 E

J	K	L	M	N	P	Q	R
5.125	13.75	VAR	VAR	12.640	20	10.004	3

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



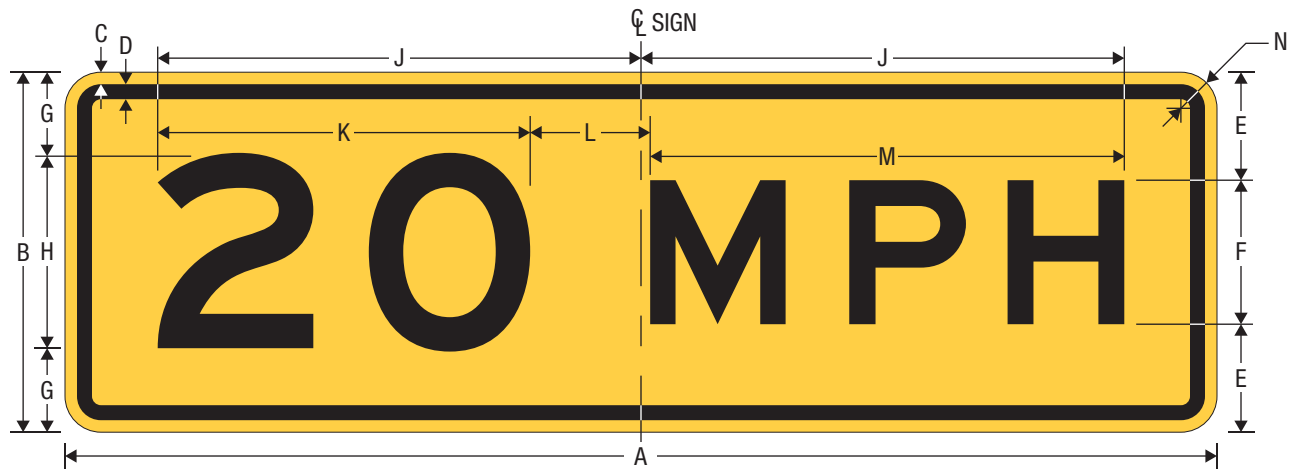
W13-1P
ADVISORY SPEED (PLAQUE)

* Optically space numerals about vertical center line.
** Increase Spacing 100%.

A	B	C	D	E	F	G	H	J	K	L
18	0.375	0.625	2.5	8 E*	2	3 E**	VAR	5.133	5.132	1.5
24	0.375	0.625	3.625	10 E*	2.75	4 E**	VAR	6.843	6.843	1.5
30	0.5	0.75	4.5	12 E*	4	5 E**	VAR	8.554	8.554	1.875

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

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



W13-1aP

ADVISORY SPEED CONFIRMATION (PLAQUE)

* Increase Spacing 70%.

A	B	C	D	E	F	G	H	J	K	L	M	N
48	15	0.5	0.625	4.5	6 E*	3.5	8 E*	VAR	VAR	5	19.755	1.5
60	18	0.625	0.75	5.25	7.5 E*	4	10 E*	VAR	VAR	6.25	24.694	1.875
72	24	0.625	0.75	7.5	9 E*	6	12 E*	VAR	VAR	7.5	29.633	1.875

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



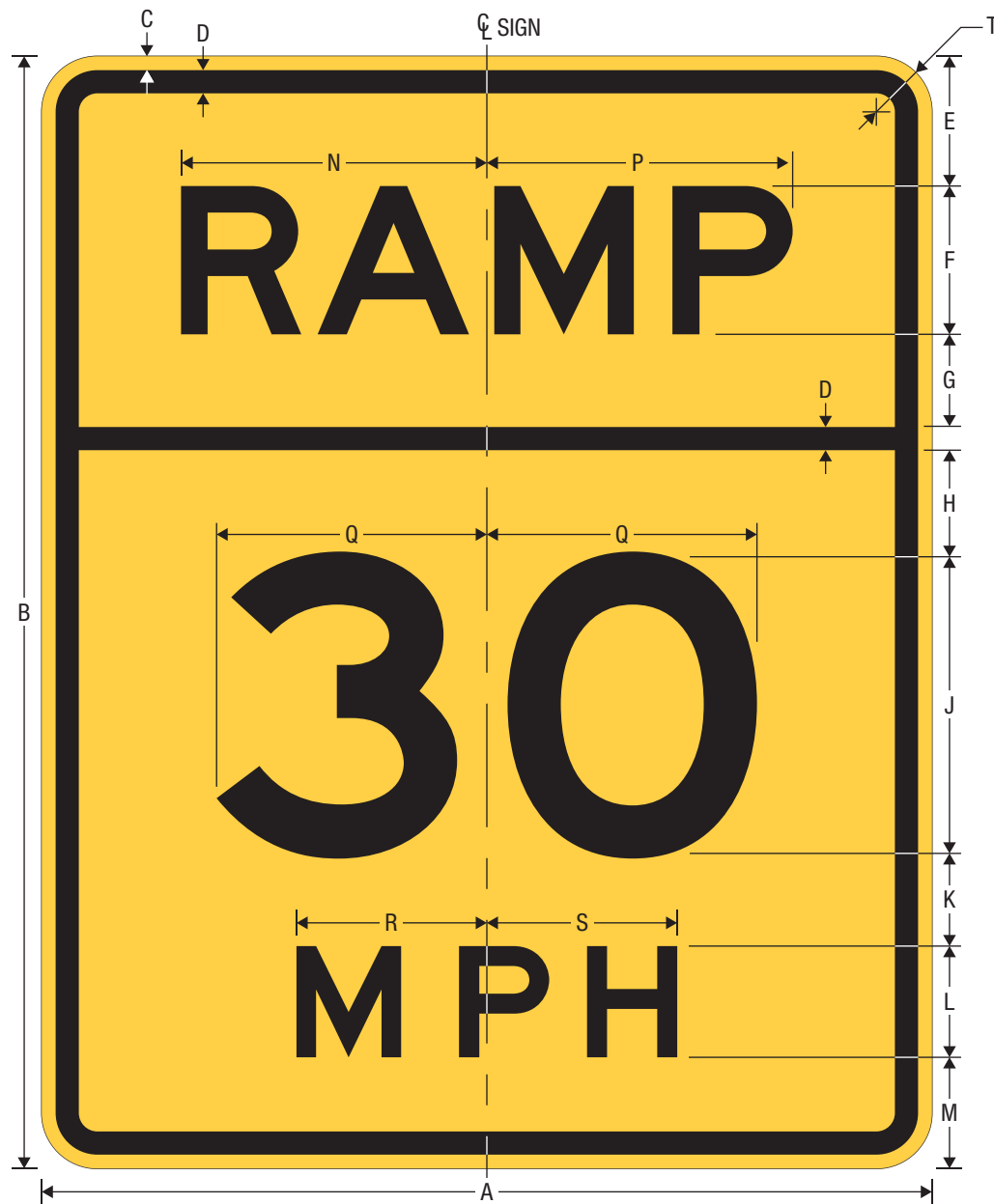
W13-2
ADVISORY EXIT SPEED

* Increase Spacing 100%.

A	B	C	D	E	F	G	H	J
24	30	0.375	0.625	3.5	4 E	2.5	2.875	8 E
36	48	0.625	0.875	5.75	6 E	4.25	5.125	12 E
48	60	0.75	1.25	7	8 E	5	5.75	16 E

K	L	M	N	P	Q	R	S	T
2.5	3 E*	3	6.121	6.121	VAR	5.133	5.132	1.5
4	4.5 E*	5.5	9.182	9.181	VAR	7.699	7.698	2.25
5	6 E*	6	12.242	12.242	VAR	10.265	10.264	3

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



W13-3

ADVISORY RAMP SPEED

* Increase Spacing 100%.

A	B	C	D	E	F	G	H	J
24	30	0.375	0.625	3.5	4 E	2.5	2.875	8 E
36	48	0.625	0.875	5.75	6 E	4.25	5.125	12 E
48	60	0.75	1.25	7	8 E	5	5.75	16 E

K	L	M	N	P	Q	R	S	T
2.5	3 E*	3	8.245	8.244	VAR	5.133	5.132	1.5
4	4.5 E*	5.5	12.367	12.367	VAR	7.699	7.698	2.25
5	6 E*	6	16.489	16.489	VAR	10.265	10.264	3

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



W13-6L



W13-6R

COMBINATION HORIZONTAL ALIGNMENT/ ADVISORY EXIT SPEED - 270-DEGREE LOOP

* Increase Spacing 100%.

** See pages 3-17 and 7-3 for arrow design.

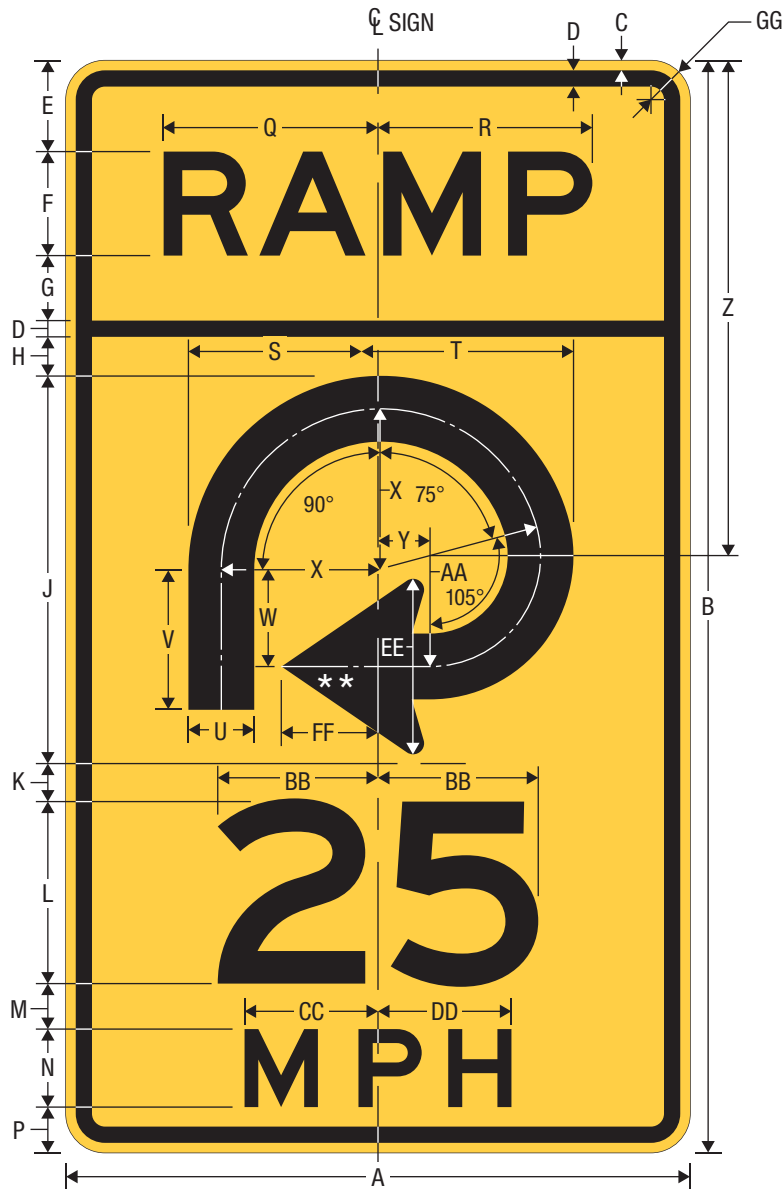
A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
24	42	0.375	0.625	3.5	4 E	2.5	1.5	14.556	1.819	7 E	1.75	3 E*	1.75	6.121	6.121
36	66	0.625	0.875	5.75	6 E	4.25	2.75	21.834	3.291	10 E	3.375	4.5 E*	3.375	9.182	9.181
48	84	0.75	1.25	7	8 E	5	3	29.112	3.638	14 E	3.5	6 E*	3.5	12.242	12.242

S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF	GG
7.291	7.518	2.531	5.400	3.744	6.171	2.009	19.063	4.243	VAR	5.133	5.132	6.75	3.711	1.5
10.936	11.277	3.797	8.100	5.616	9.257	3.013	30.032	6.364	VAR	7.699	7.698	10.125	5.566	2.25
14.581	15.036	5.063	10.800	7.487	12.343	4.018	38.126	8.486	VAR	10.265	10.264	13.5	7.421	3

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



W13-7L



W13-7R

COMBINATION HORIZONTAL ALIGNMENT/ ADVISORY RAMP SPEED - 270-DEGREE LOOP

* Increase Spacing 100%.

** See pages 3-17 and 7-3 for arrow design.

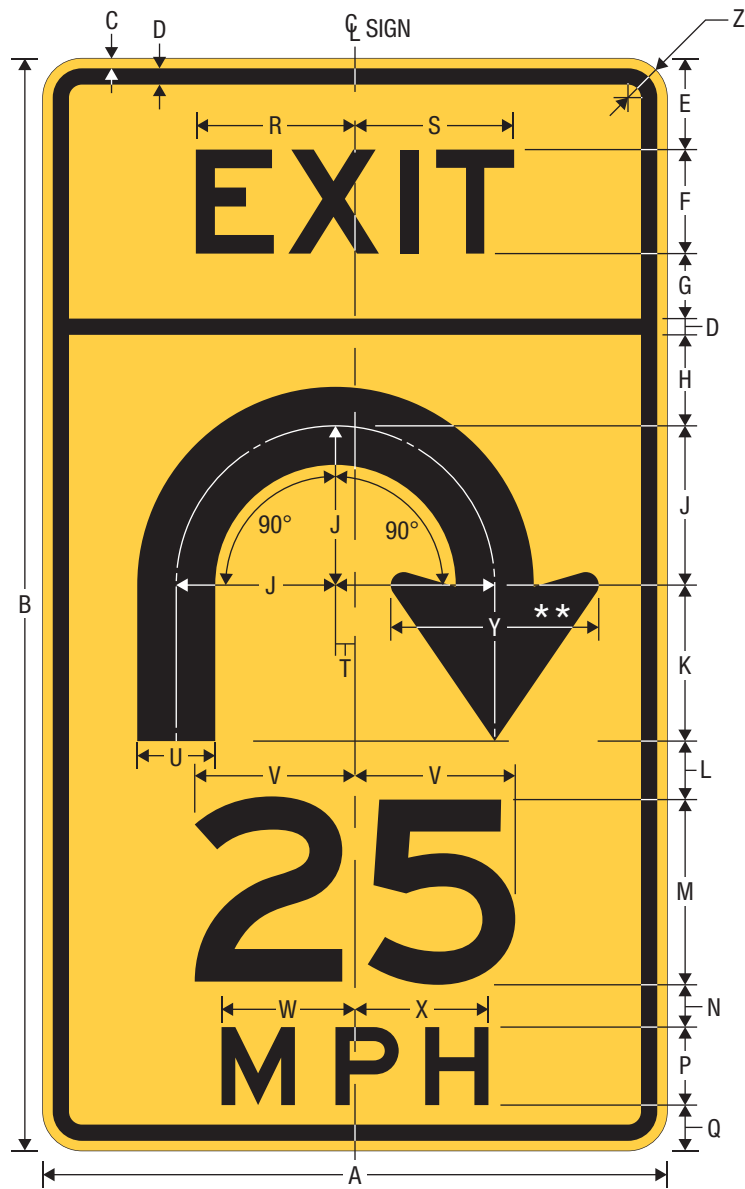
A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
24	42	0.375	0.625	3.5	4 E	2.5	1.5	14.556	1.819	7 E	1.75	3 E*	1.75	8.245	8.244
36	66	0.625	0.875	5.75	6 E	4.25	2.75	21.834	3.291	10 E	3.375	4.5 E*	3.375	12.367	12.367
48	84	0.75	1.25	7	8 E	5	3	29.112	3.638	14 E	3.5	6 E*	3.5	16.489	16.489

S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF	GG
7.291	7.518	2.531	5.400	3.744	6.171	2.009	19.063	4.243	VAR	5.133	5.132	6.75	3.711	1.5
10.936	11.277	3.797	8.100	5.616	9.257	3.013	30.032	6.364	VAR	7.699	7.698	10.125	5.566	2.25
14.581	15.036	5.063	10.800	7.487	12.343	4.018	38.126	8.486	VAR	10.265	10.264	13.5	7.421	3

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



W13-8L



W13-8R

COMBINATION HORIZONTAL ALIGNMENT / ADVISORY EXIT SPEED - 180-DEGREE LOOP

* Increase Spacing 100%.

** See page 7-3 for arrow design.

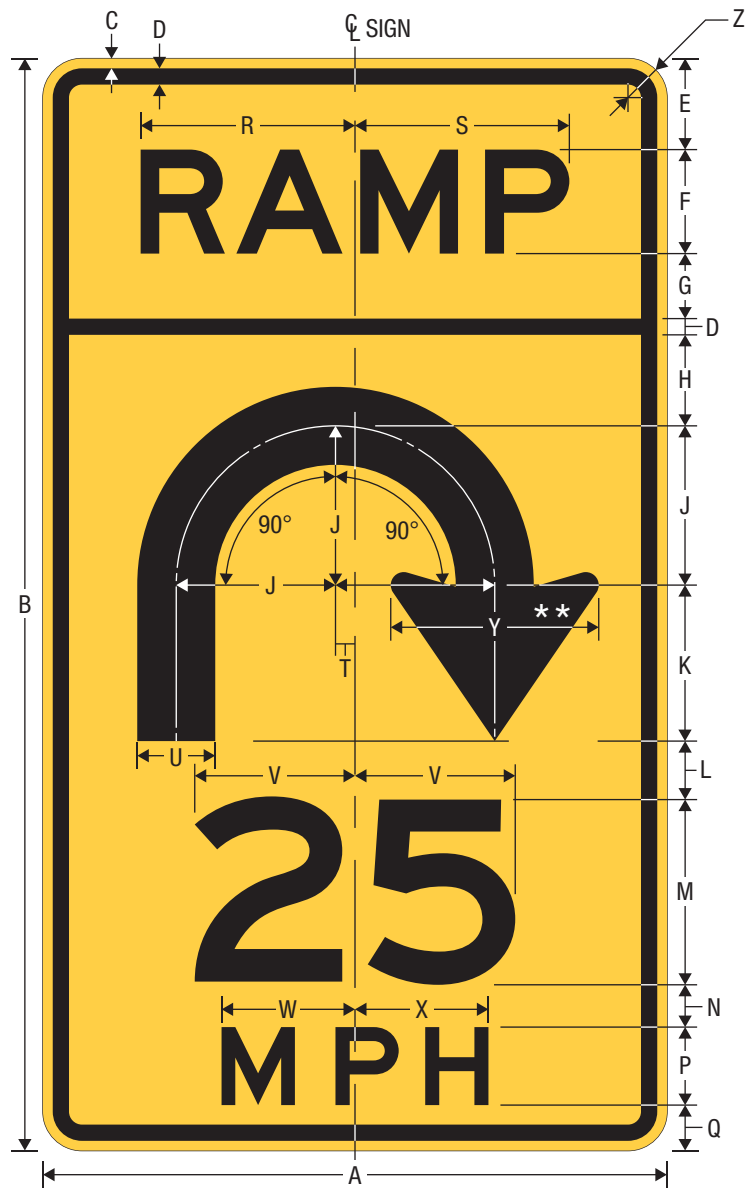
A	B	C	D	E	F	G	H	J	K	L	M
24	42	0.375	0.625	3.5	4 E	2.5	3.5	6.125	6	2.25	7 E
36	66	0.625	0.875	5.75	6 E	4.25	5.25	9.188	9	4.437	10 E
48	84	0.75	1.25	7	8 E	5	7	12.25	12	4.5	14 E

N	P	Q	R	S	T	U	V	W	X	Y	Z
1.75	3 E*	1.75	6.141	6.141	0.75	3	VAR	5.133	5.132	8	1.5
3.375	4.5 E*	3.375	9.182	9.181	1.125	4.5	VAR	7.699	7.698	12	2.25
3.5	6 E*	3.5	12.242	12.242	1.5	6	VAR	10.265	10.264	16	3

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



W13-9L



W13-9R

COMBINATION HORIZONTAL ALIGNMENT / ADVISORY RAMP SPEED - 180-DEGREE LOOP

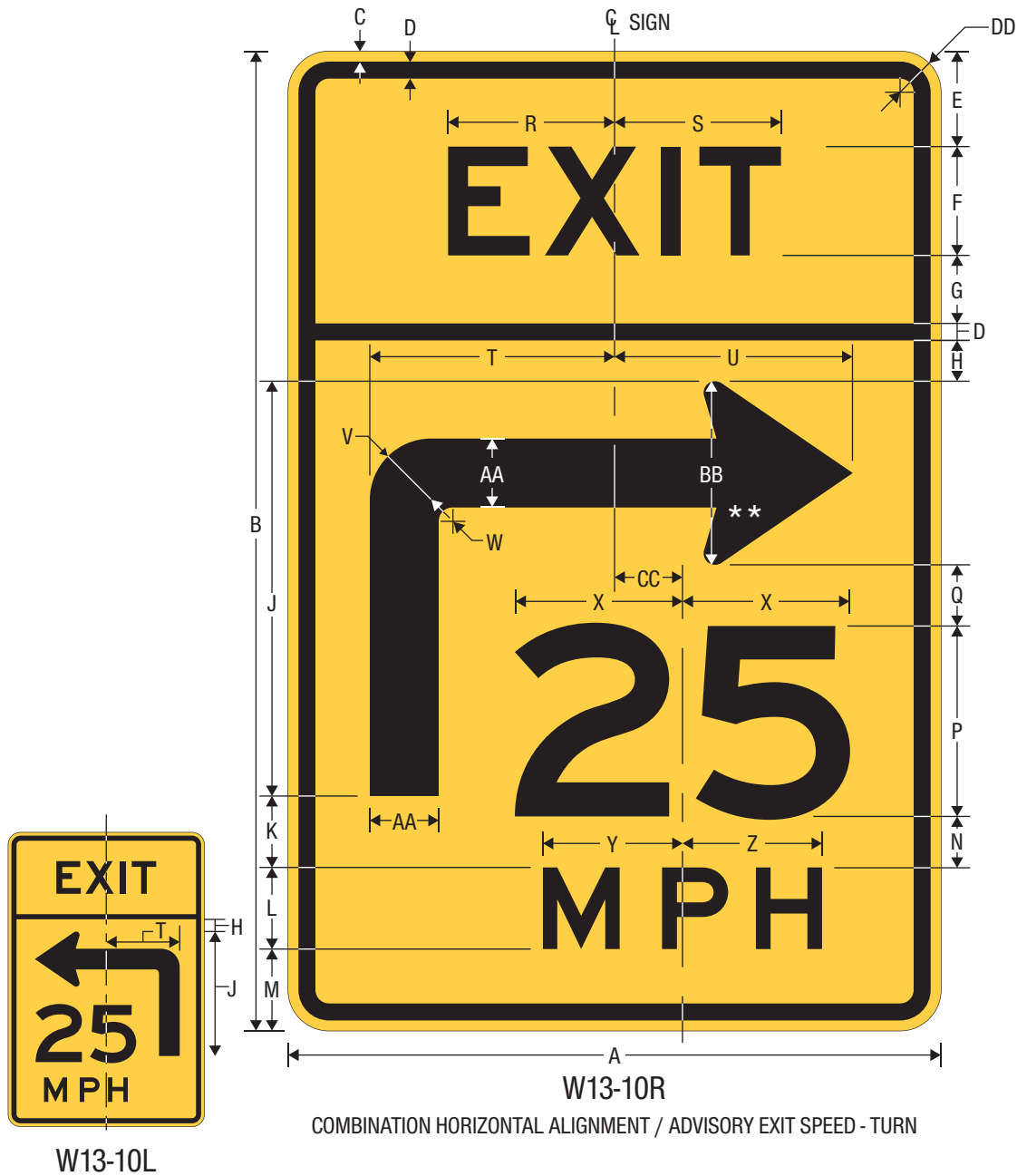
* Increase Spacing 100%.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
24	42	0.375	0.625	3.5	4 E	2.5	3.5	6.125	6	2.25	7 E
36	66	0.625	0.875	5.75	6 E	4.25	5.25	9.188	9	4.437	10 E
48	84	0.75	1.25	7	8 E	5	7	12.25	12	4.5	14 E

N	P	Q	R	S	T	U	V	W	X	Y	Z
1.75	3 E*	1.75	8.245	8.244	0.75	3	VAR	5.133	5.132	8	1.5
3.375	4.5 E*	3.375	12.367	12.367	1.125	4.5	VAR	7.699	7.698	12	2.25
3.5	6 E*	3.5	16.489	16.489	1.5	6	VAR	10.265	10.264	16	3

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



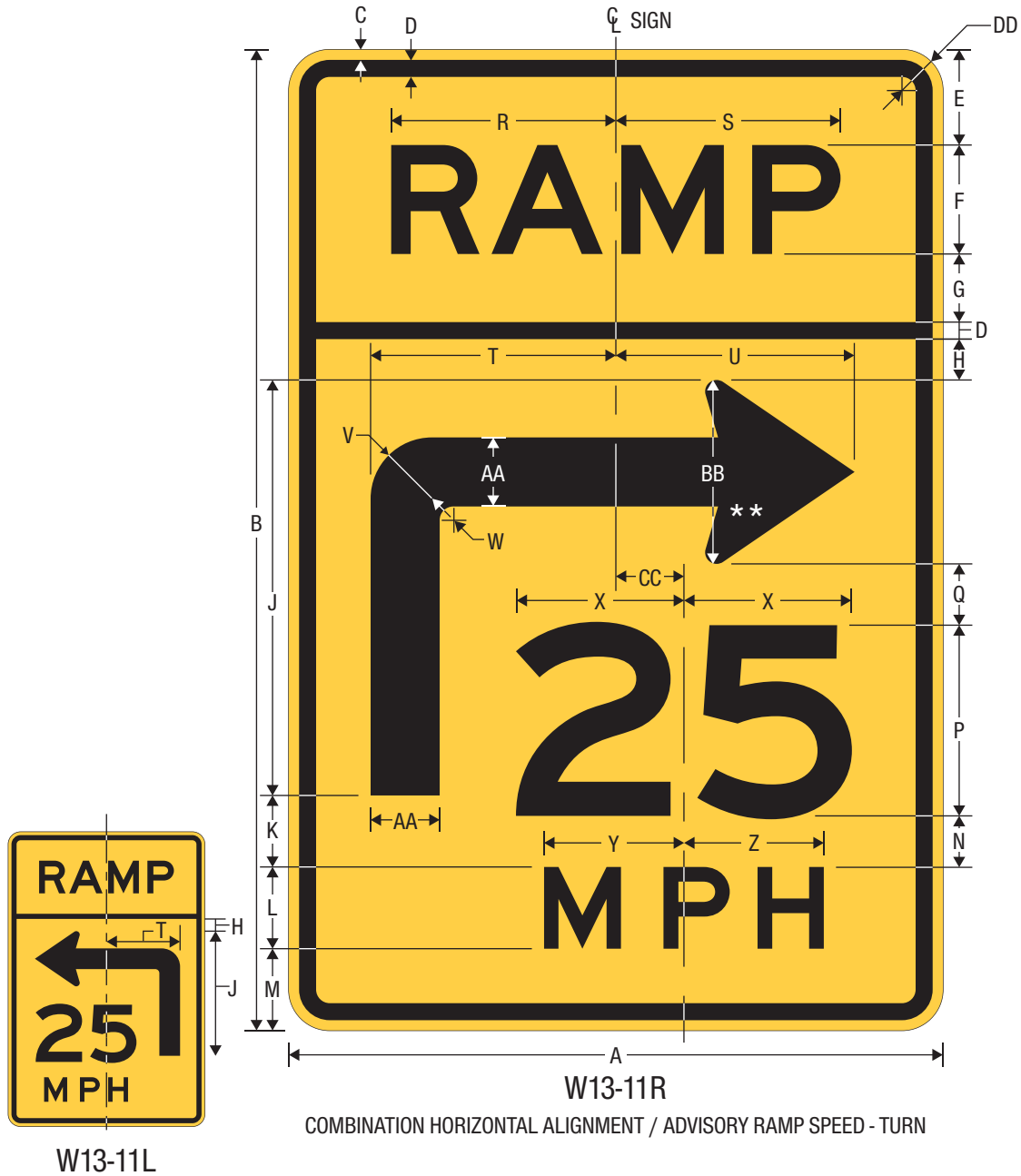
* Increase Spacing 100%.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	36	0.375	0.625	3.5	4 E	2.5	1.5	15.25	2.625	3 E*	3	1.875	8 E
36	54	0.625	0.875	5.75	6 E	4.25	2.25	22.875	3.75	4.5 E*	3.75	3.125	10 E
48	72	0.75	1.25	7	8 E	5	3	30.25	6.5	6 E*	5	5	14 E

Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD
2.25	6.121	6.121	9	8.75	2.25	0.5	VAR	5.133	5.132	2.531	6.75	2.498	1.5
3.375	9.182	9.181	13.625	13.5	3	1	VAR	7.699	7.698	3.797	10.125	3.230	2.25
4.25	12.242	12.242	18.75	16.5	4	1	VAR	10.265	10.264	5.063	13.5	2.288	3

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



* Increase Spacing 100%.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	36	0.375	0.625	3.5	4 E	2.5	1.5	15.25	2.625	3 E*	3	1.875	8 E
36	54	0.625	0.875	5.75	6 E	4.25	2.25	22.875	3.75	4.5 E*	3.75	3.125	10 E
48	72	0.75	1.25	7	8 E	5	3	30.25	6.5	6 E*	5	5	14 E

Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD
2.25	8.245	8.244	9	8.75	2.25	0.5	VAR	5.133	5.132	2.531	6.75	2.498	1.5
3.375	12.367	12.367	13.625	13.5	3	1	VAR	7.699	7.698	3.797	10.125	3.230	2.25
4.25	16.489	16.489	18.75	16.5	4	1	VAR	10.265	10.264	5.063	13.5	2.288	3



W13-12L

W13-12R

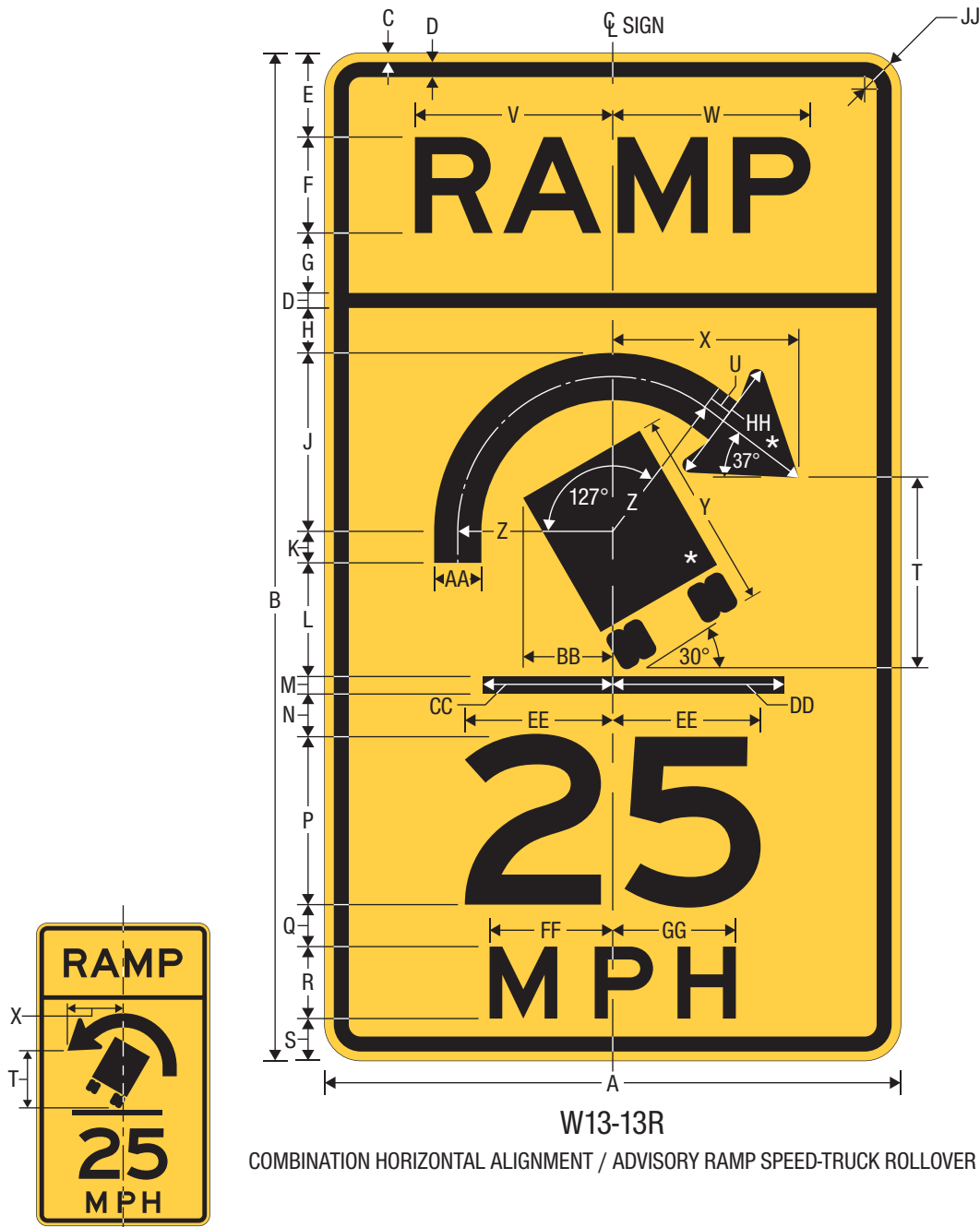
COMBINATION HORIZONTAL ALIGNMENT / ADVISORY EXIT SPEED-TRUCK ROLLOVER

* See pages 3-16 and 8-74 for symbol design.
** Increase Spacing 100%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S
24	42	0.375	0.625	3.5	4 E	2.5	1.875	7.438	1.313	4.740	0.729	1.780	7 E	1.75	3 E**	1.75
36	66	0.625	0.875	5.75	6 E	4.25	2.813	11.157	1.969	7.109	1.094	3.733	10 E	3.375	4.5 E**	3.375
48	84	0.75	1.25	7	8 E	5	3.75	14.877	2.651	9.479	1.458	3.535	14 E	3.5	6 E**	3.5

T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF	GG	HH	JJ
7.078	0.954	6.121	6.121	7.757	8.386	6.453	1.969	3.694	5.396	7.146	VAR	5.133	5.132	5.25	1.5
10.617	1.431	9.182	9.181	11.636	12.578	9.680	2.953	5.540	8.094	10.719	VAR	7.699	7.698	7.875	2.25
14.182	1.908	12.242	12.242	15.515	16.770	12.907	3.938	7.387	10.792	14.292	VAR	10.265	10.264	10.5	3

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



W13-13R
COMBINATION HORIZONTAL ALIGNMENT / ADVISORY RAMP SPEED-TRUCK ROLLOVER

W13-13L

* See pages 3-16 and 8-74 for symbol design.
** Increase Spacing 100%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S
24	42	0.375	0.625	3.5	4 E	2.5	1.875	7.438	1.313	4.740	0.729	1.780	7 E	1.75	3 E**	1.75
36	66	0.625	0.875	5.75	6 E	4.25	2.813	11.157	1.969	7.109	1.094	3.733	10 E	3.375	4.5 E**	3.375
48	84	0.75	1.25	7	8 E	5	3.75	14.877	2.651	9.479	1.458	3.535	14 E	3.5	6 E**	3.5

T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF	GG	HH	JJ
7.078	0.954	8.245	8.244	7.757	8.386	6.453	1.969	3.694	5.396	7.146	VAR	5.133	5.132	5.25	1.5
10.617	1.431	12.367	12.367	11.636	12.578	9.680	2.953	5.540	8.094	10.719	VAR	7.699	7.698	7.875	2.25
14.182	1.908	16.489	16.489	15.515	16.770	12.907	3.938	7.387	10.792	14.292	VAR	10.265	10.264	10.5	3

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



W13-20
VEHICLE SPEED FEEDBACK

A	B	C	D	E	F	G	H	J	K
24	30	0.375	0.625	3.75	4 E	2.5	4 E*	3	10***
30	36	0.5	0.75	4.5	5 E	3.25	5 E*	3.25	12.5***
36	48	0.625	0.875	4.75	7 D	3.375	7 D**	3.875	19***
48	60	0.75	1.25	7.5	8 E	5	8 E*	6	20***

L	M	N	P	Q	R	S	T	U
2.75	8.225	8.224	9.557	9.557	10***	VAR***	8 E***	1.5
2.5	10.281	10.280	11.947	11.946	12.5***	VAR***	10 E***	1.875
3	12.329	12.329	14.262	14.261	15***	VAR***	12 E***	2.25
5.5	16.449	16.449	19.114	19.114	20***	VAR***	14 E***	3

* Increase Spacing 10%.
** Increase Spacing 30%.
*** Changeable message element, approximate dimensions shown. Minor modifications might be necessary to accommodate manufacturer specifications (see MUTCD Section 2C.13, Paragraph 5).

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



W13-20aP

VARIABLE SPEED FEEDBACK (PLAQUE)

- * Reduce Spacing 20%.
 - ** Reduce Spacing 30%.
 - *** Changeable message element, approximate dimensions shown.
- Minor modifications might be necessary to accommodate
manufacturer specifications (see MUTCD Section 2C.13, Paragraph 5).

A	B	C	D	E	F	G	H
24	18	0.375	0.5	2.125	3 C*	1.5	10***
30	24	0.375	0.5	3	4 C**	2	13***
36	30	0.5	0.75	3.75	4.75 C*	2.5	15.5***
48	36	0.625	0.875	4.25	6 C*	3	20***

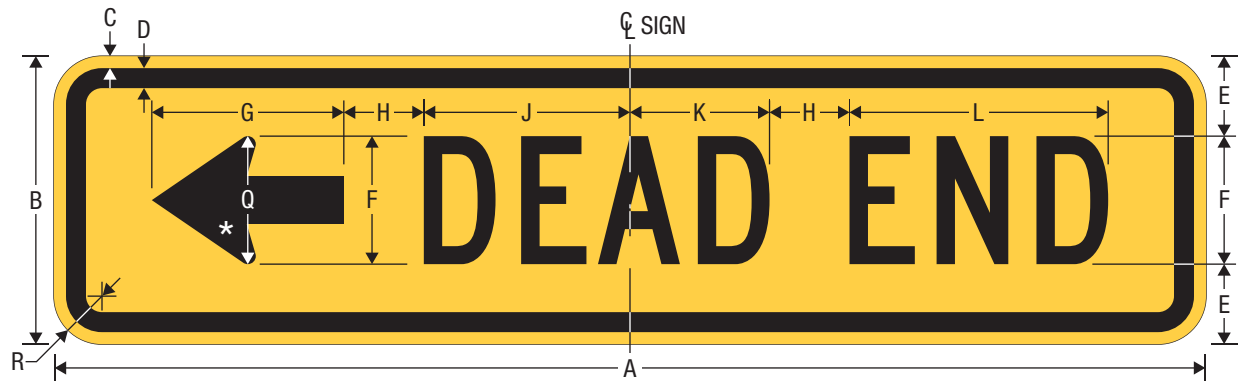
J	K	L	M	N	P	Q	R
1.375	8.349	1.729	0.271	9.808	VAR***	8 E***	1.5
2	10.916	2	-	12.793	VAR***	10 E***	1.5
3.5	13.219	2.375	-	15.529	VAR***	12 E***	1.875
2.75	16.698	3.459	0.541	19.616	VAR***	14 E***	2.25

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

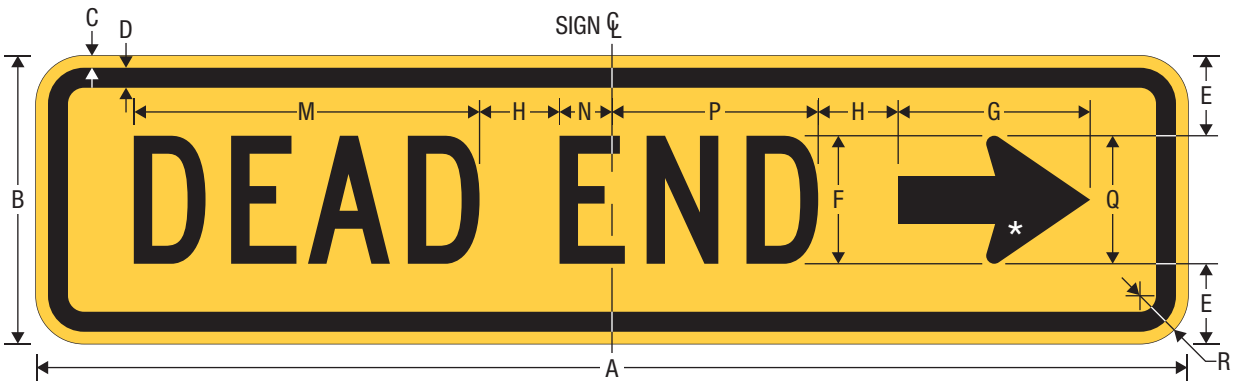


A	B	C	D	E	F	G	H	J	K	L
24	0.375	0.625	5 D	1	2	8.206	8.205	5.980	5.979	1.5
30	0.5	0.75	6 D	1.5	2.5	9.847	9.847	7.176	7.175	1.875
36	0.625	0.875	7 D	2	3	11.488	11.488	8.371	8.371	2.25
48	0.75	1.25	10 D	2	4	16.412	16.411	11.959	11.959	3

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



W14-1aL
DEAD END (WITH ARROW)



W14-1aR
DEAD END (WITH ARROW)

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H
24	6	0.375	0.375	1.5	3 B	4.5	2
36	9	0.375	0.625	2.5	4 C	6	2.5

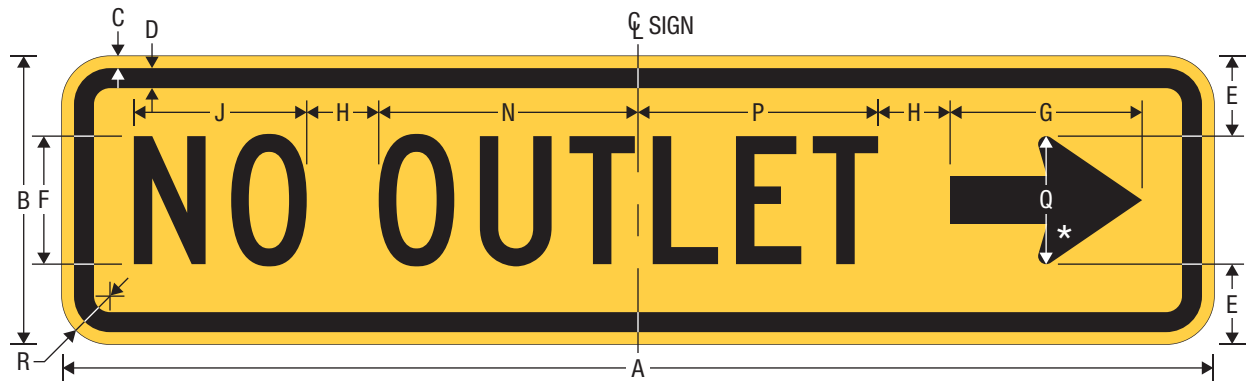
J	K	L	M	N	P	Q	R
3.467	3.106	4.862	6.573	1.394	3.468	3	1.5
6.444	4.360	8.083	10.804	1.639	6.444	4	1.5

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

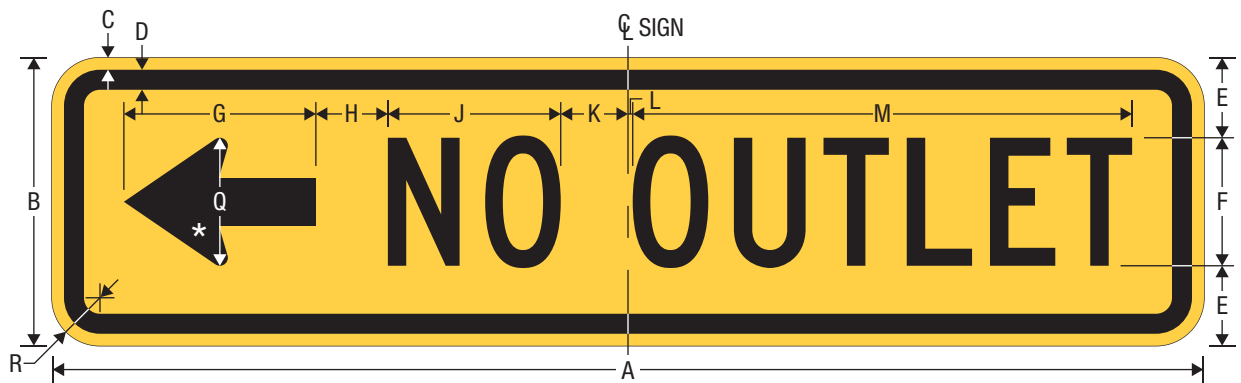


A	B	C	D	E	F	G	H	J	K	L	M
24	0.375	0.625	5 D	3	0.75	4.25	4.028	4.028	11.556	11.555	1.5
30	0.5	0.75	6 D	4	1	5	4.834	4.834	13.867	13.867	1.875
36	0.625	0.875	7 D	5	1.125	5.875	5.640	5.639	16.178	16.178	2.25
48	0.75	1.25	10 D	6	1.5	8.5	8.057	8.056	23.112	23.111	3

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



W14-2aR
NO OUTLET (WITH ARROW)



W14-2aL
NO OUTLET (WITH ARROW)

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H
24	6	0.375	0.375	1.5	3 B	4.5	1.625
36	9	0.375	0.625	2.5	4 C	6	2.25

J	K	L	M	N	P	Q	R
3.242	0.782	0.843	9.305	5.282	4.023	3	1.5
5.402	2.102	0.148	15.606	8.102	7.504	4	1.5

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

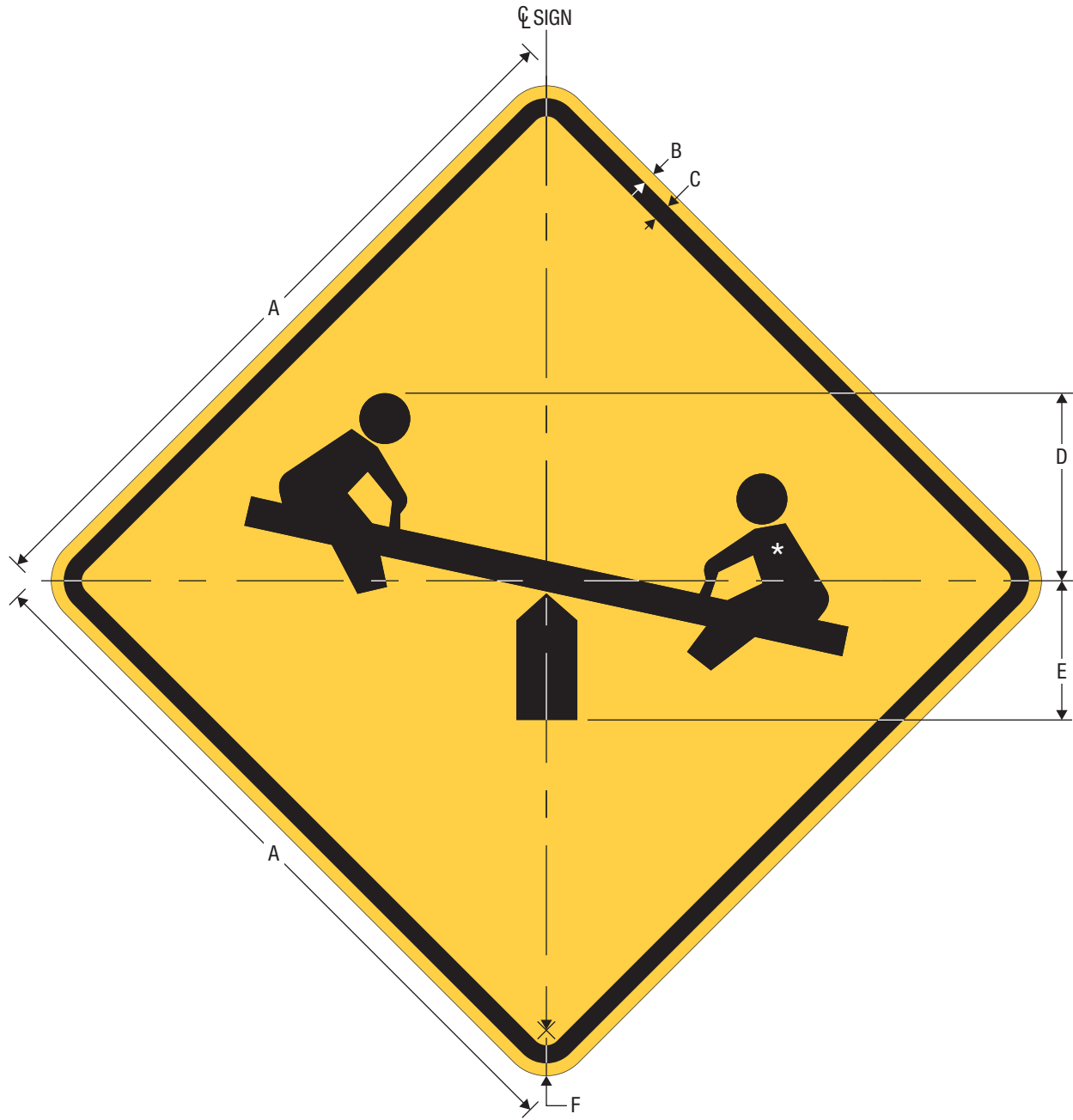


* Reduce Spacing 20%.
** Reduce Spacing 35%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
40	30	0.5	0.75	7.25	4 D	4 D	4 C	1.75	2.5	6.445	21.137	11.164	1.875
48	36	0.625	0.875	8.5	5 D	5 D*	5 C**	2	3	8.056	25.551	12.958	2.25
64	48	0.75	1.25	12	6 D	6 D	6 C	3	4	9.668	31.706	16.746	3

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

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



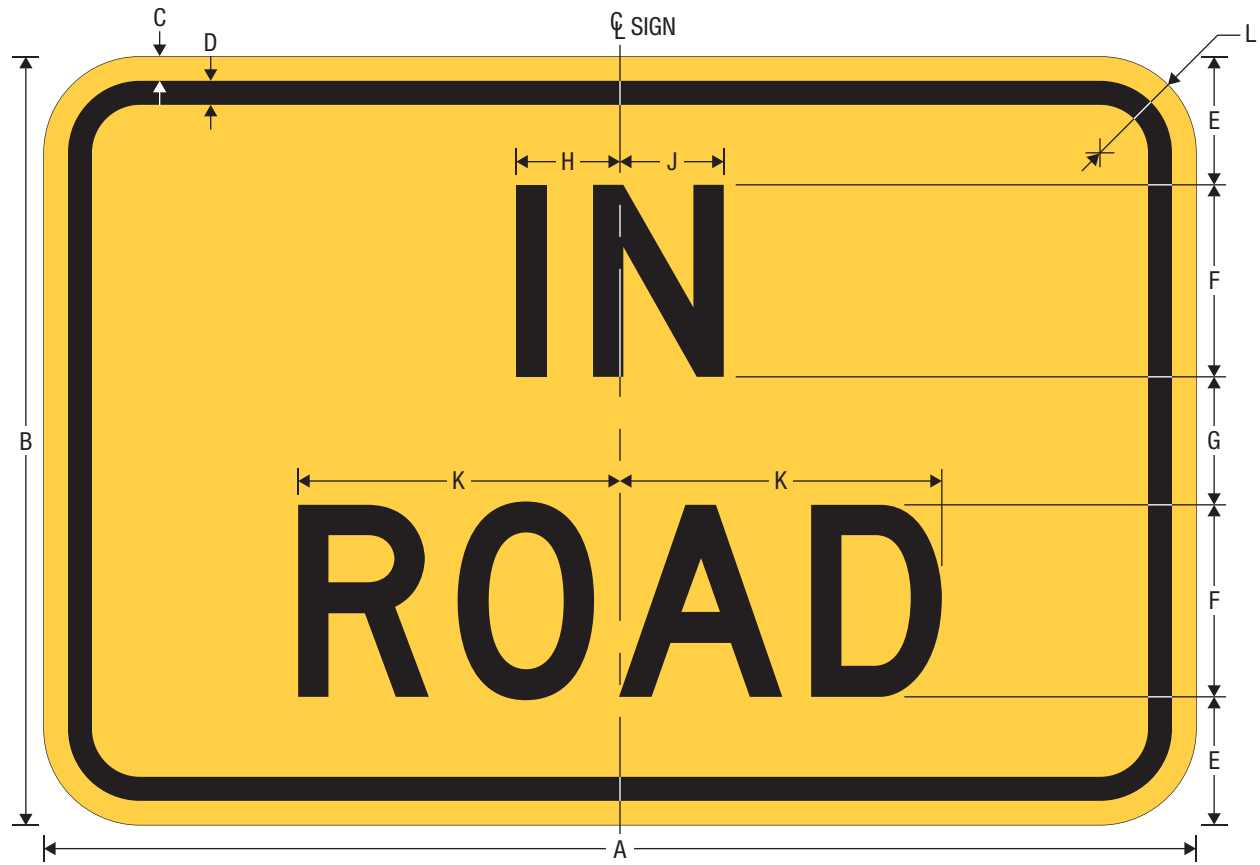
W15-1
PLAYGROUND

* See page 8-48 for symbol design.

A	B	C	D	E	F
18	0.375	0.625	4.5	3.5	1.5
24	0.375	0.625	6.25	4.5	1.5
30	0.5	0.75	7.75	5.75	1.875
36	0.625	0.875	9	7	2.25
48	0.75	1.25	12	9.5	3

WARNING SIGN

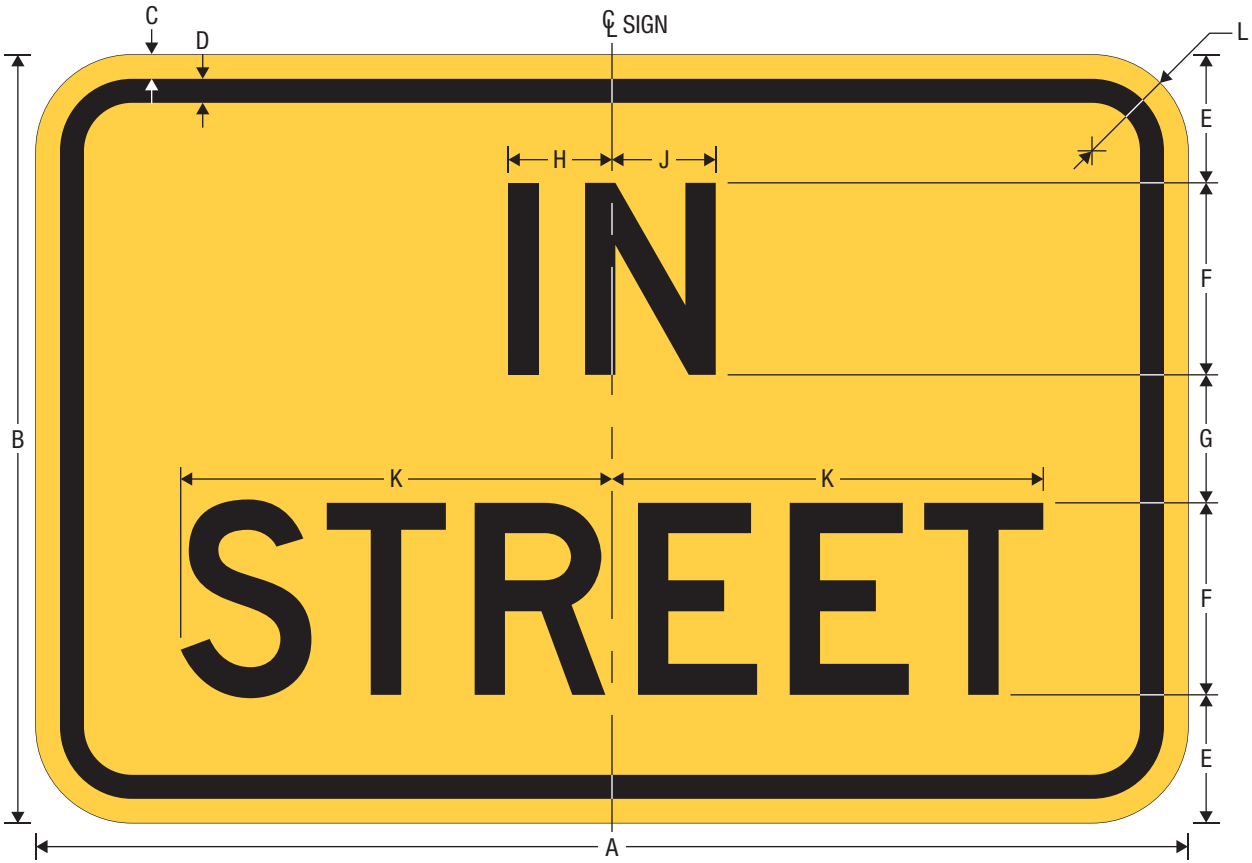
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE) OR
FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)



W16-1P
IN ROAD (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L
18	12	0.375	0.375	2	3 D	2	1.621	1.621	5.029	1.5
24	18	0.375	0.625	3.5	4 D	3	2.162	2.161	6.705	1.5

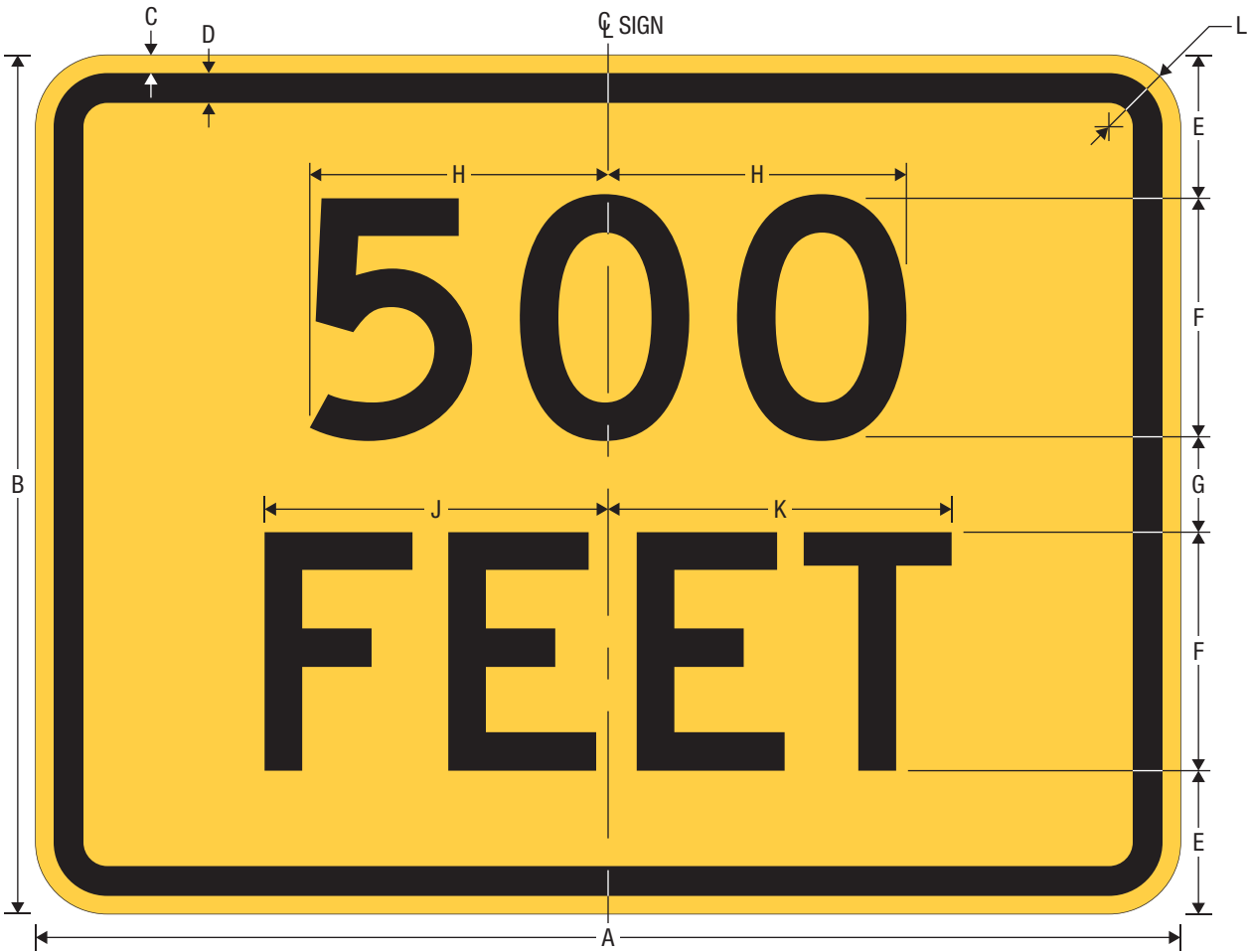
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W16-1aP
IN STREET (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L
18	12	0.375	0.375	2	3 D	2	1.621	1.621	6.739	1.5
24	18	0.375	0.625	3.5	4 D	3	2.162	2.161	8.985	1.5

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



W16-2P
XX FEET (2-LINE PLAQUE)

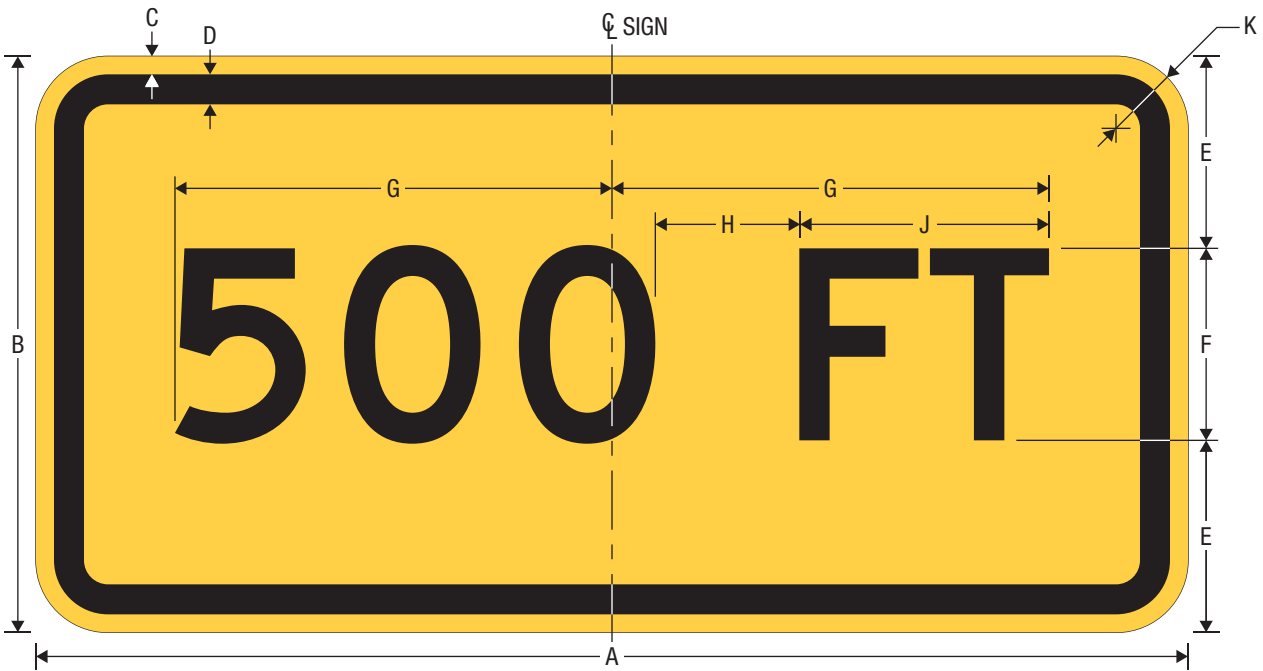
A	B	C	D	E	F	G	H	J	K	L
18	12	0.375	0.375	2	3 D	2	VAR	4.322	4.321	1.5
24	18	0.375	0.625	3	5 D	2	VAR	7.203	7.202	1.5
30	24	0.375	0.625	4.375	6 D	3.25	VAR	8.643	8.643	1.5

WARNING SIGN

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

TTC SIGN

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



W16-2aP
XX FT (1-LINE PLAQUE)

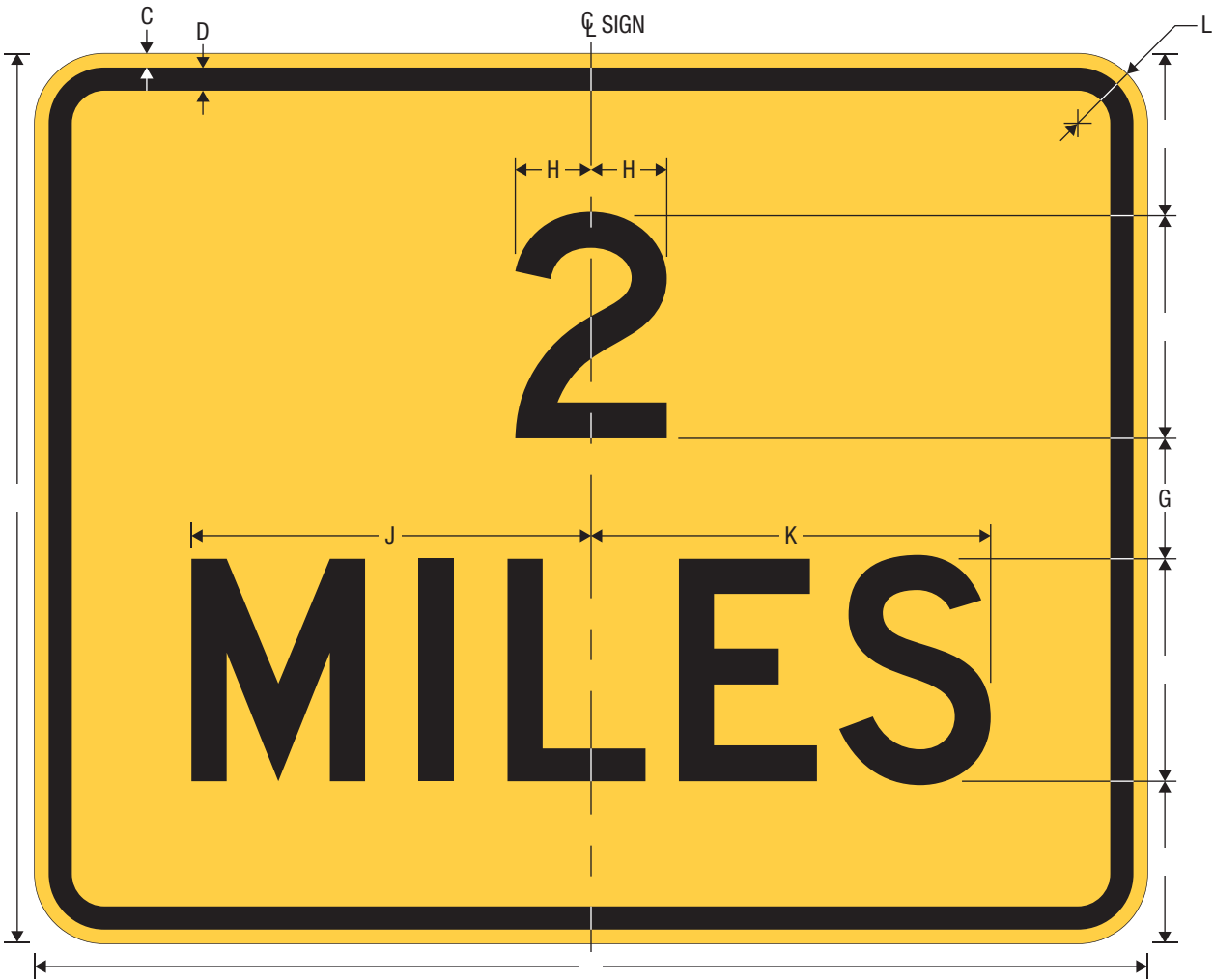
A	B	C	D	E	F	G	H	J	K
12	9	0.375	0.375	3.25	2.5 C	VAR	1.25	2.701	1.5
24	12	0.375	0.625	4	4 D	VAR	3	5.202	1.5
30	18	0.375	0.625	6	6 C	VAR	4	6.483	1.5

WARNING SIGN

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

TTC SIGN

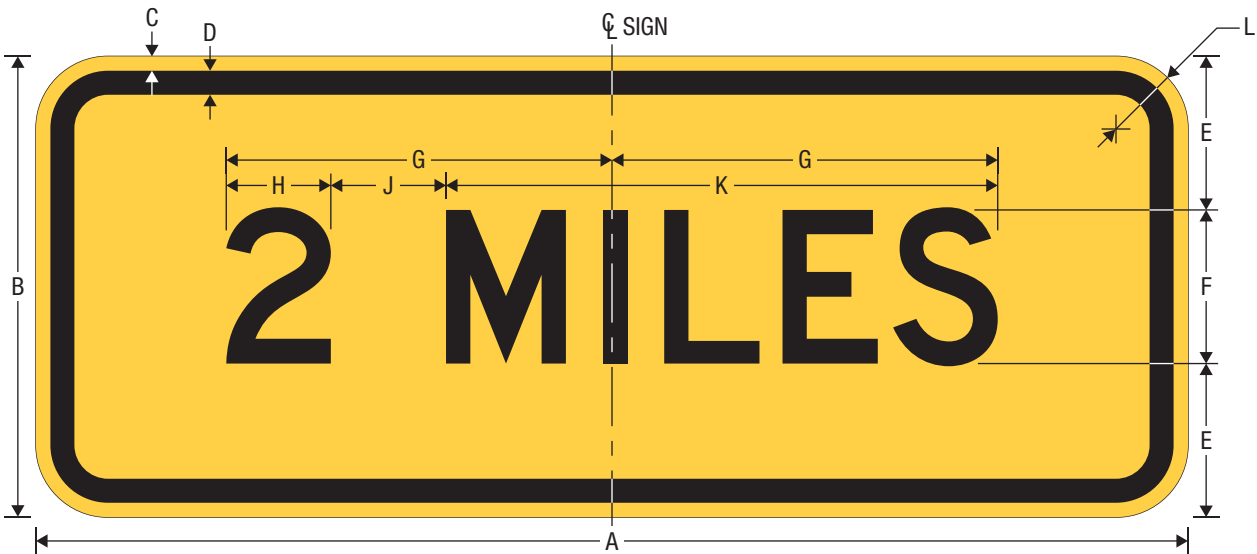
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W16-3P
XX MILES (2-LINE PLAQUE)

A	B	C	D	E	F	G	H	J	K	L
30	24	0.375	0.625	4.375	6 D	3.25	VAR	10.776	10.775	1.5

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

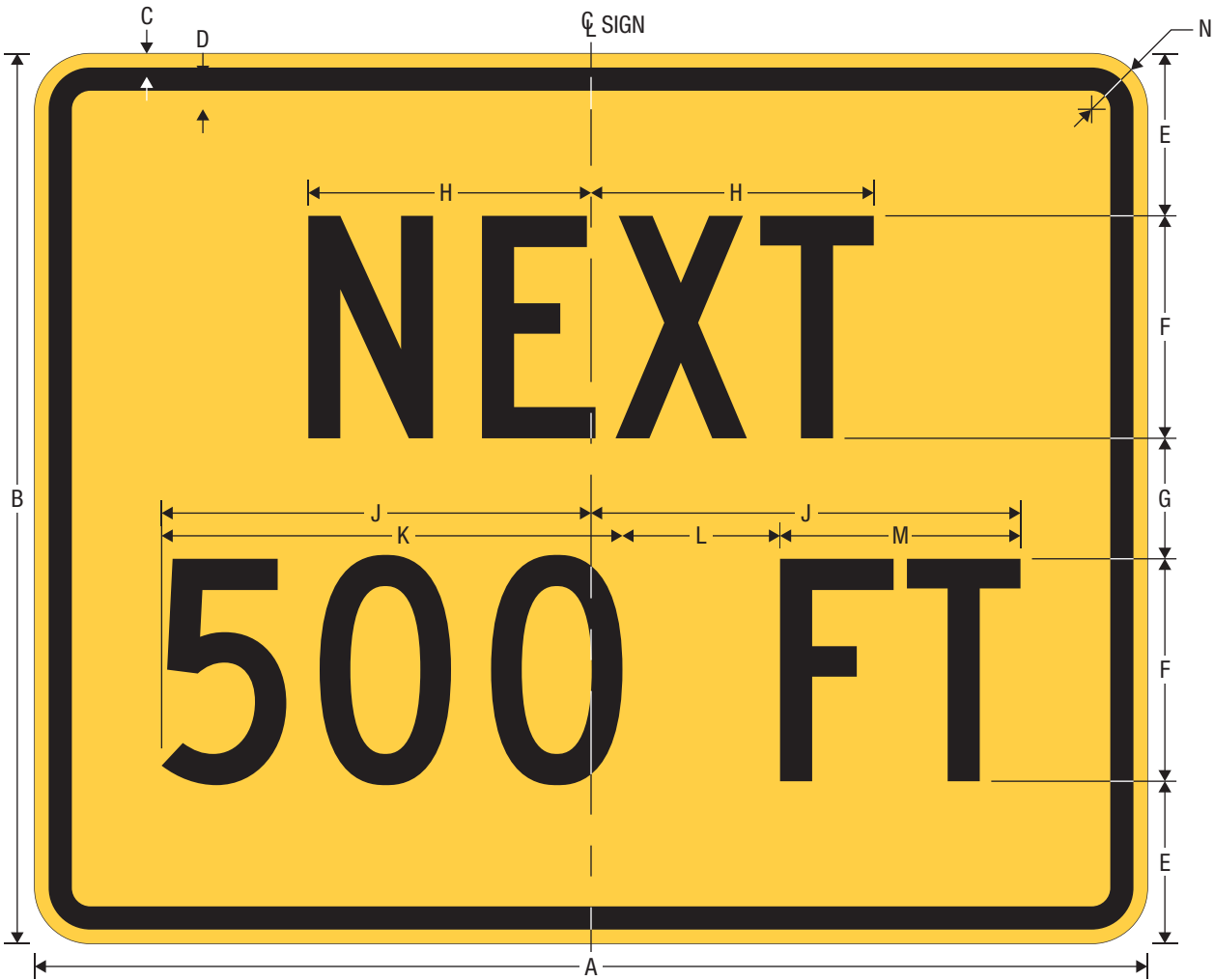


W16-3aP
XX MILES (1-LINE PLAQUE)

A	B	C	D	E	F	G	H	J	K	L
30	12	0.375	0.625	4	4 D	VAR	VAR	3	14.367	1.875

WARNING SIGN

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



W16-4P
NEXT XX FEET (PLAQUE)

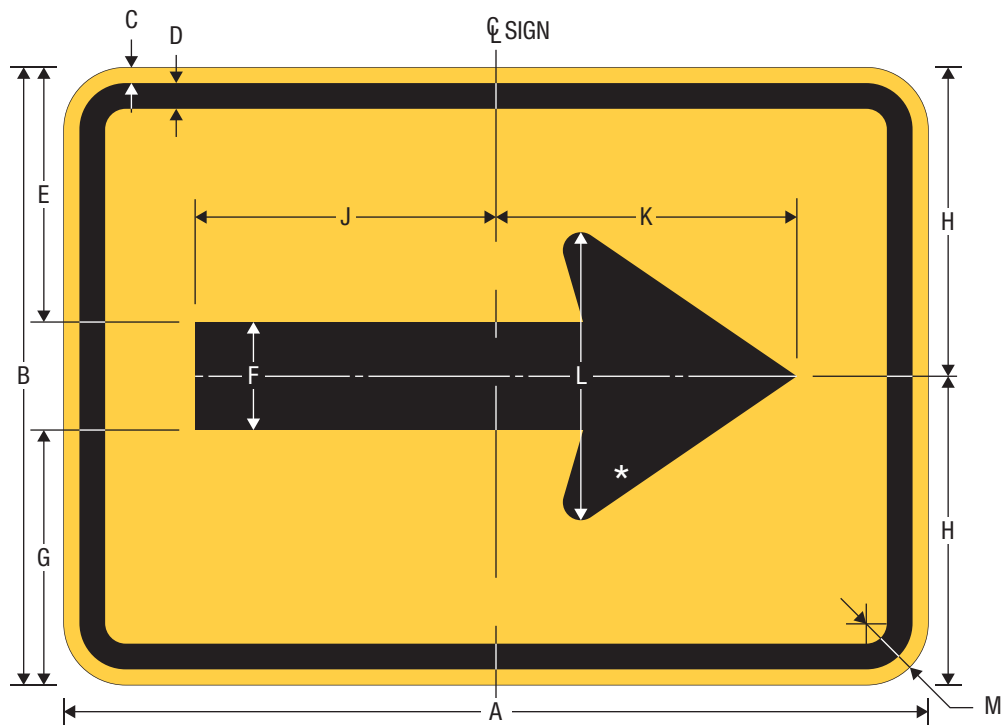
A	B	C	D	E	F	G	H	J	K	L	M	N
30	24	0.375	0.625	4.375	6 C	3.25	7.623	VAR	VAR	4.25	6.483	1.5

WARNING SIGN

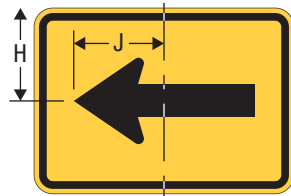
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)
— FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)

TTC SIGN

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



W16-5PR
DIRECTIONAL ARROW (PLAQUE)

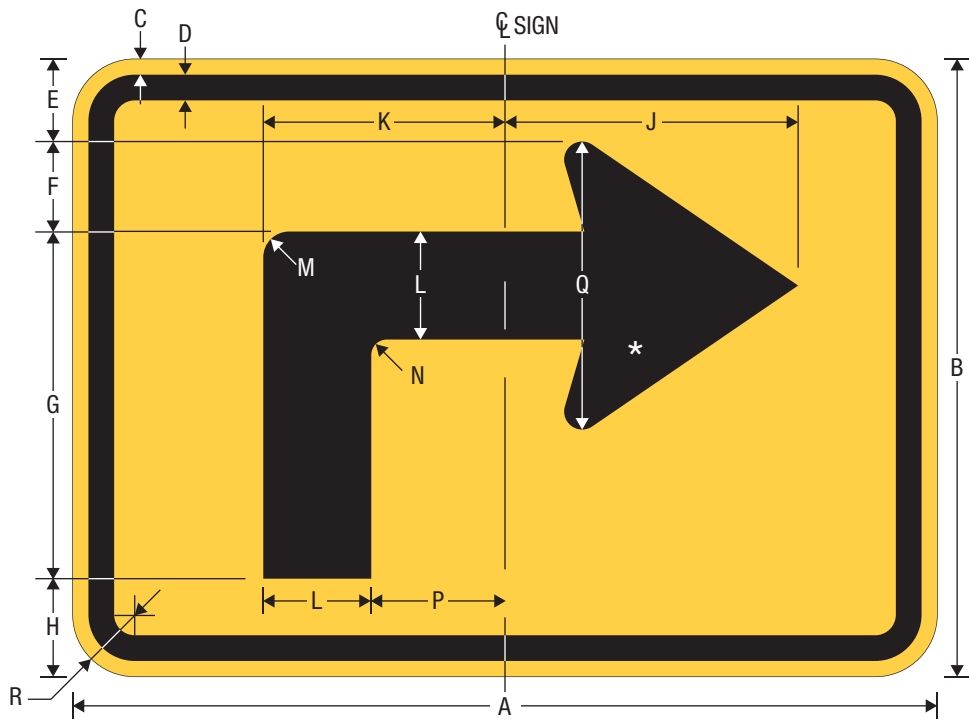


W16-5PL

* See page 7-3 for arrow design.

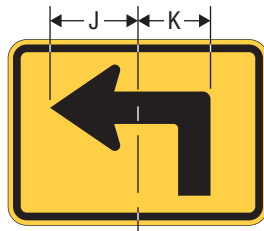
A	B	C	D	E	F	G	H	J	K	L	M
12	9	0.375	0.375	3.703	1.594	3.703	4.5	4.375	4.375	4.25	1.5
21	15	0.375	0.625	6.188	2.625	6.187	7.5	7.313	7.312	7	1.5
30	21	0.375	0.625	8.625	3.75	8.625	10.5	10.5	10.5	10	1.5

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



W16-6PR

ADVANCE TURN ARROW (PLAQUE)



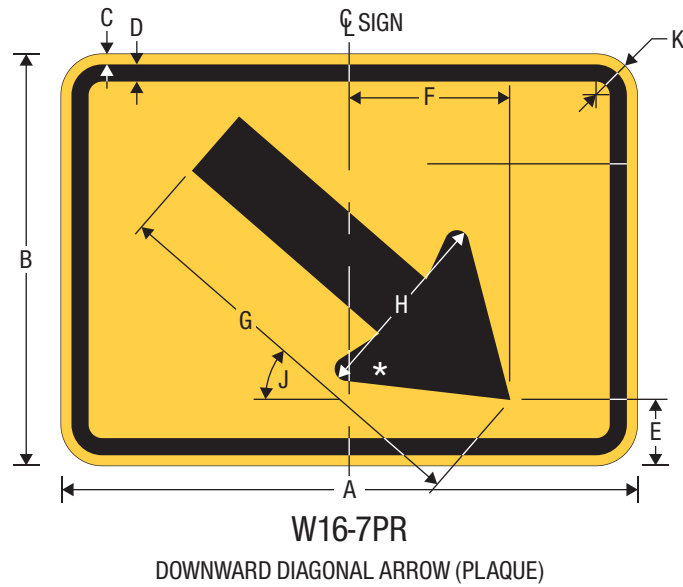
W16-6PL

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H
12	9	0.375	0.375	1.25	1.328	4.922	1.5
21	15	0.375	0.625	2	2.188	8.437	2.375
30	21	0.375	0.625	2.75	3.125	11.75	3.375

J	K	L	M	N	P	Q	R
4.125	3.375	1.594	0.5	0.25	1.781	4.25	1.5
7.125	5.875	2.625	0.625	0.375	3.25	7	1.5
10.125	8.375	3.75	0.875	0.5	4.625	10	1.5

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



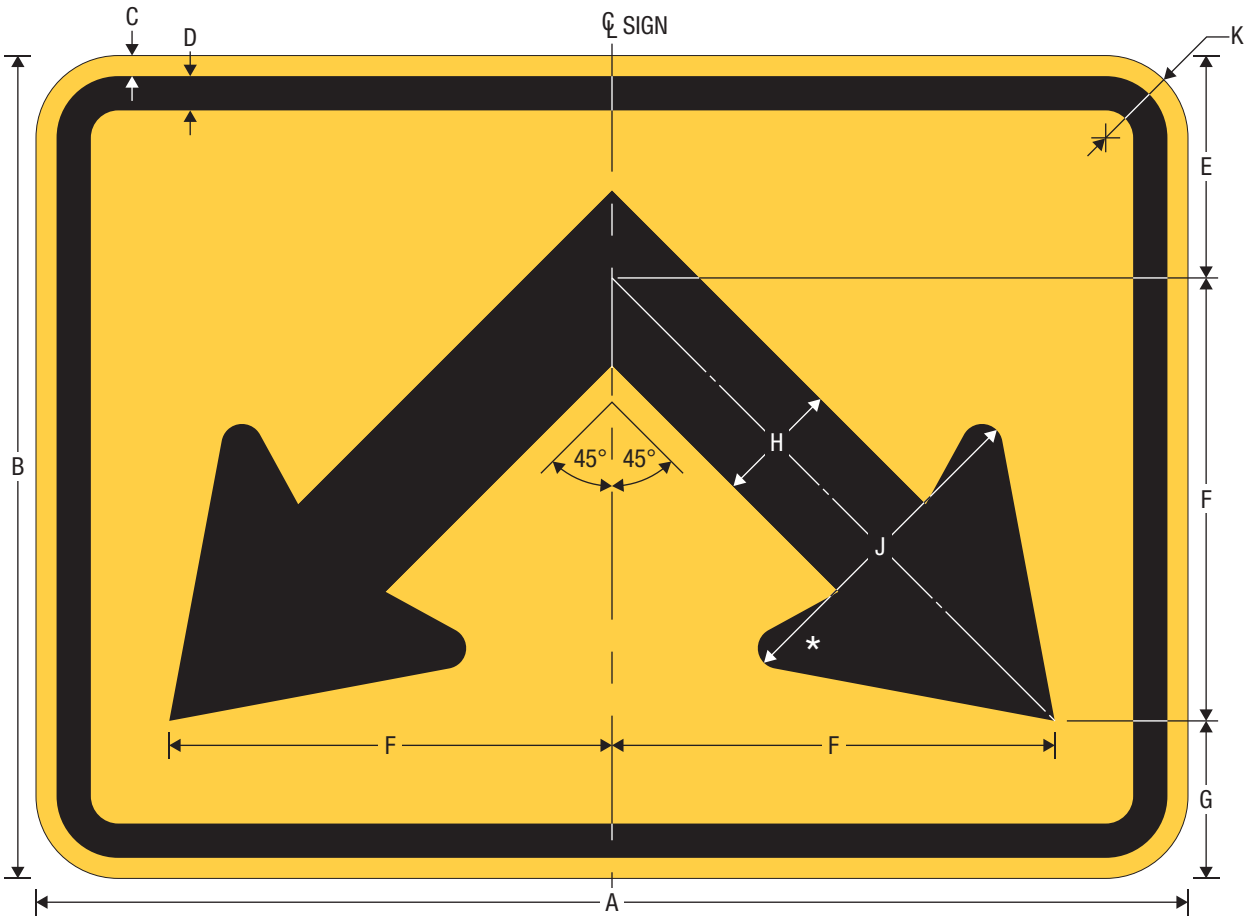
W16-7PL
DOWNWARD DIAGONAL ARROW (PLAQUE)

* See page 7-3 for arrow design.

** The 12" x 6" size sign is for in-street use only.

A	B	C	D	E	F	G	H	J	K
12	6	0.375	0.375	1.251	2.895	6.25	4	30°	1.5
12	9	0.375	0.375	1.451	3.507	8.5	4.25	41°	1.5
21	15	0.375	0.625	2.389	5.880	14.25	7	41°	1.5
30	21	0.5	0.75	3.198	8.400	20.375	10	41°	1.875

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



W16-7aP
DUAL DOWNWARD DIAGONAL ARROW (PLAQUE)

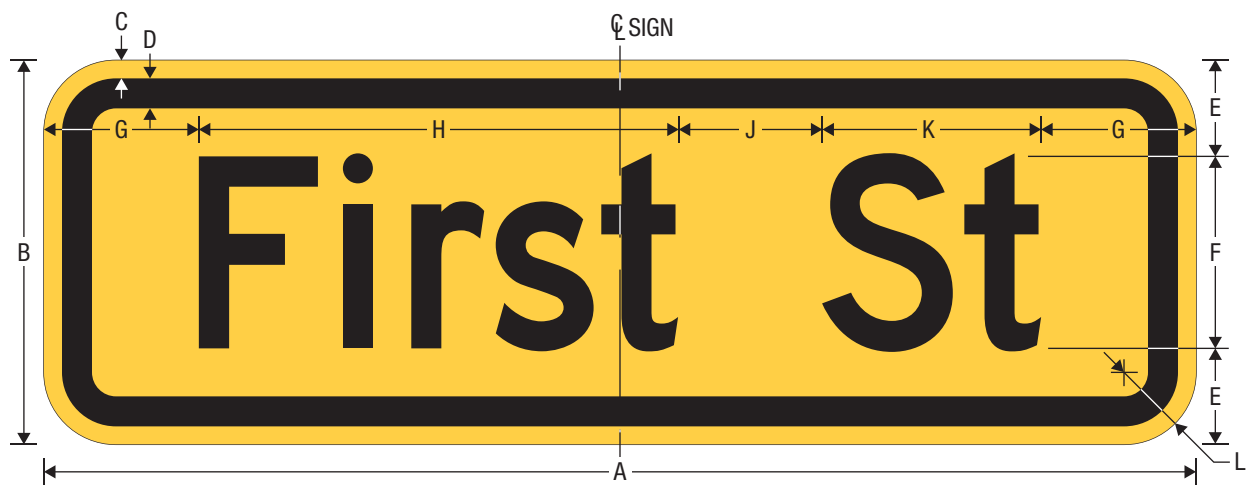
* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
12	9	0.375	0.375	2.472	4.653	1.875	1.359	3.625	1.5
21	15	0.375	0.625	4.054	8.071	2.875	2.25	6	1.5
30	21	0.375	0.625	6.121	10.629	4.25	3.188	8.5	1.5

WARNING SIGN

COLORS: LEGEND, BORDER — BLACK

BACKGROUND — YELLOW (RETROREFLECTIVE) OR
FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)

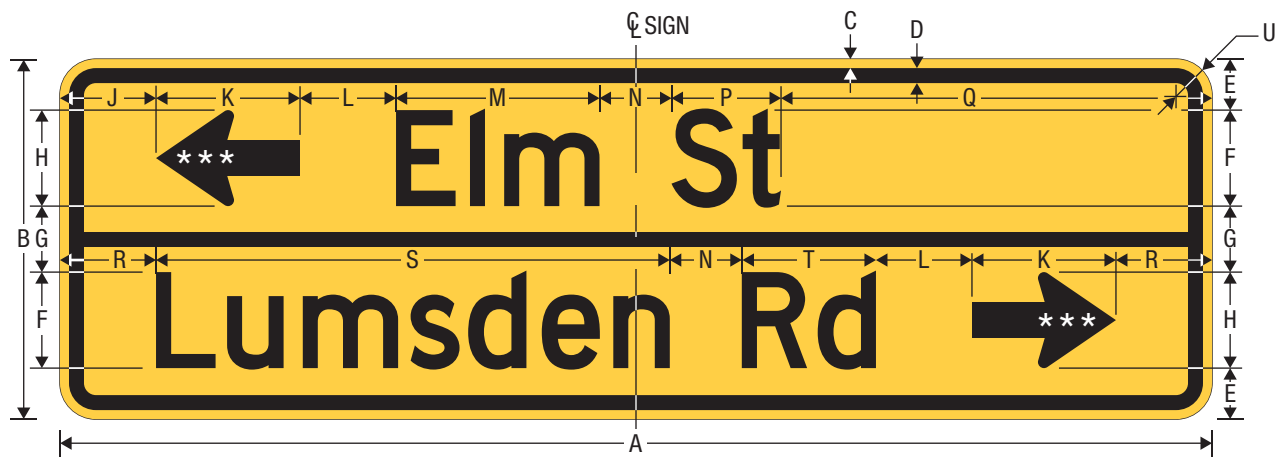


W16-8P

ADVANCE STREET NAME (1-LINE PLAQUE)

A	B	C	D	E	F	G	H	J	K	L
VAR	8	0.375	0.625	2	4 D	2.5 MIN	VAR	3	VAR	1.5

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



W16-8aP

ADVANCE STREET NAME (2-LINE PLAQUE)

* Controlling line of legend.

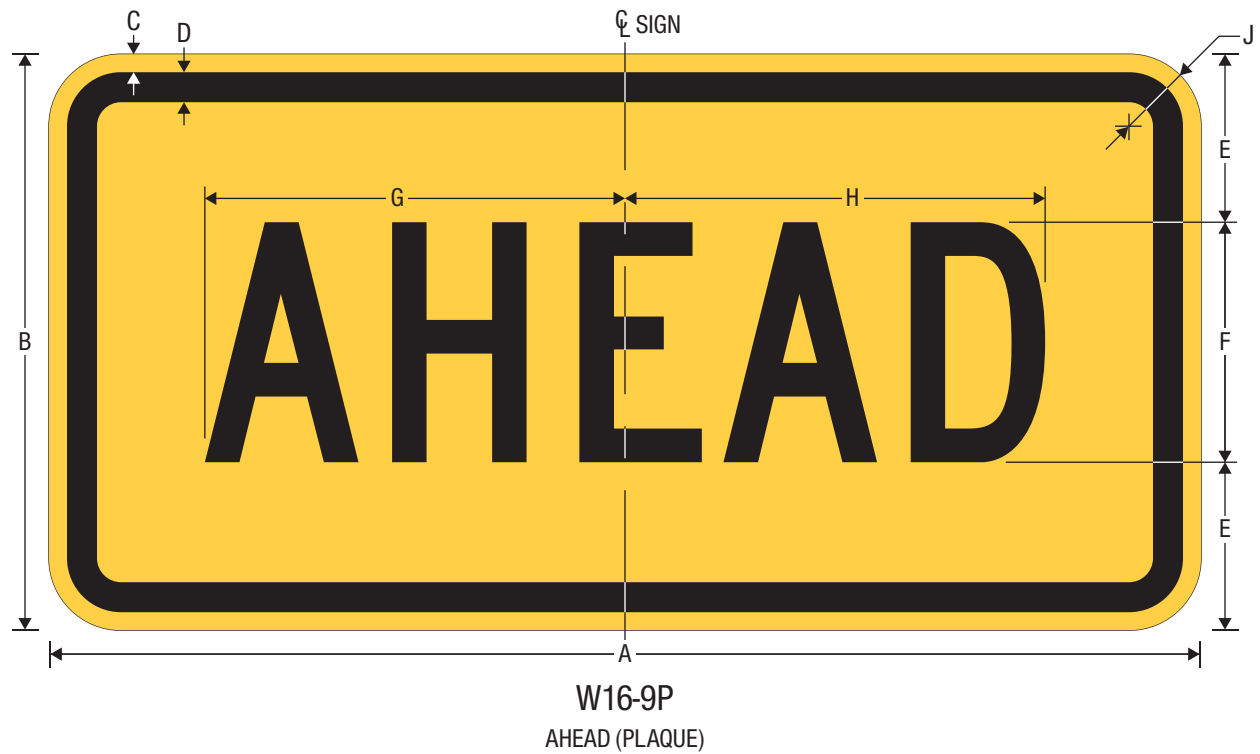
** Optically space non-controlling line.

*** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
VAR	15	0.375	0.625	2.125	4 D	2.75	4	4 MIN**	6

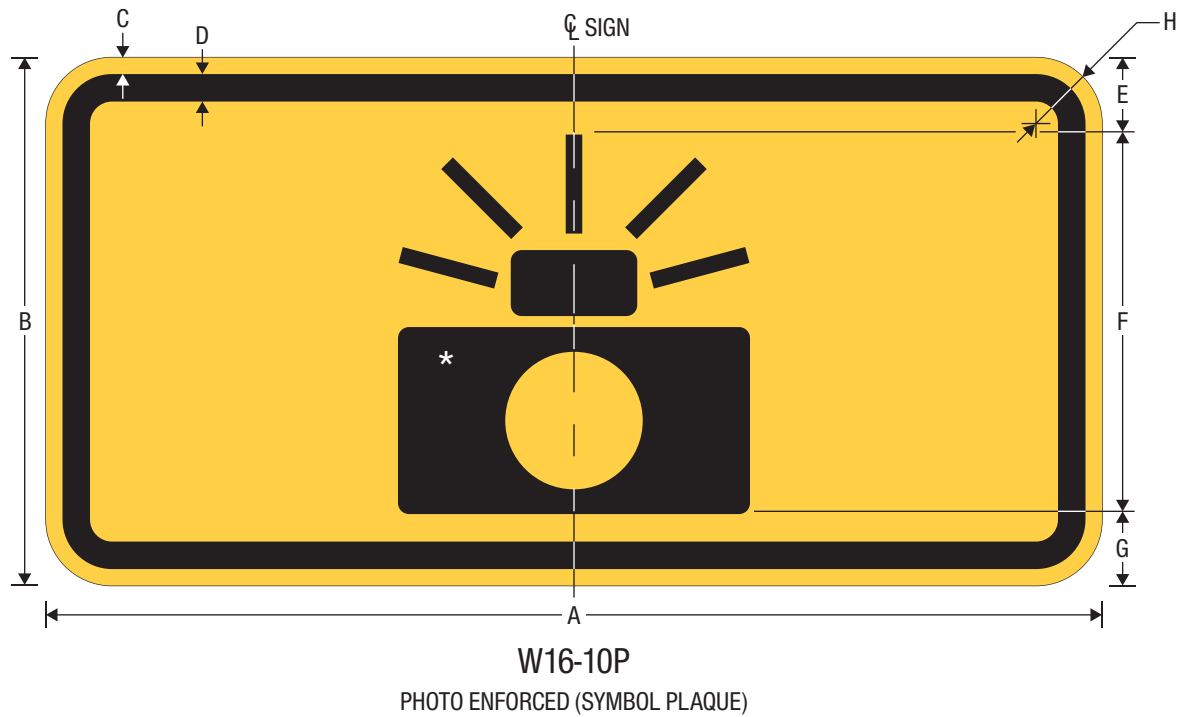
L	M	N	P	Q	R	S	T	U
4 MIN, 6 MAX	VAR	3	VAR	4 MIN**	4 MIN*	VAR	VAR	1.5

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



A	B	C	D	E	F	G	H	J
24	12	0.375	0.625	3.5	5 C	8.753	8.753	1.5
30	18	0.375	0.625	5.5	7 C	12.255	12.254	1.5

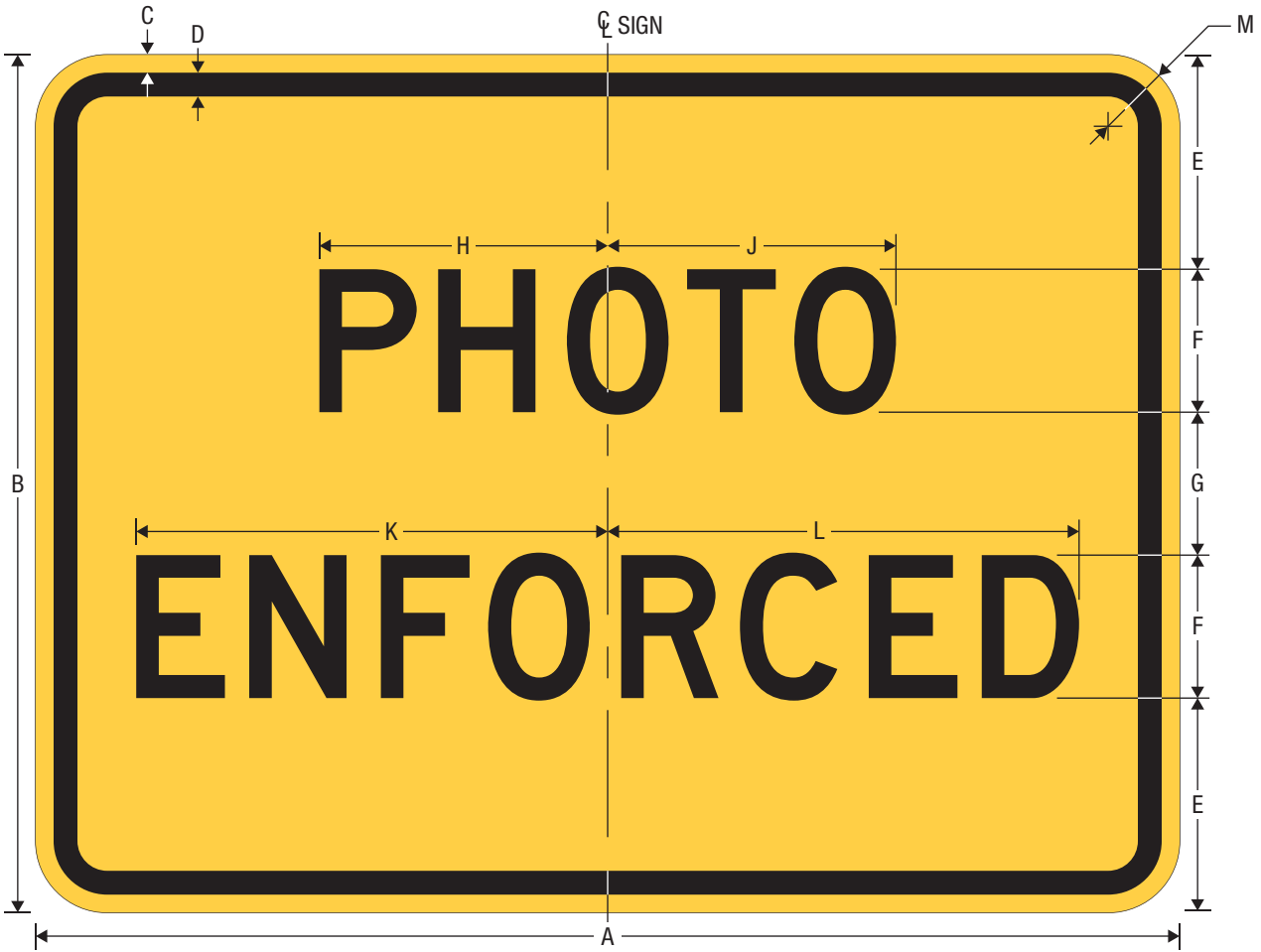
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



* See page 8-76 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

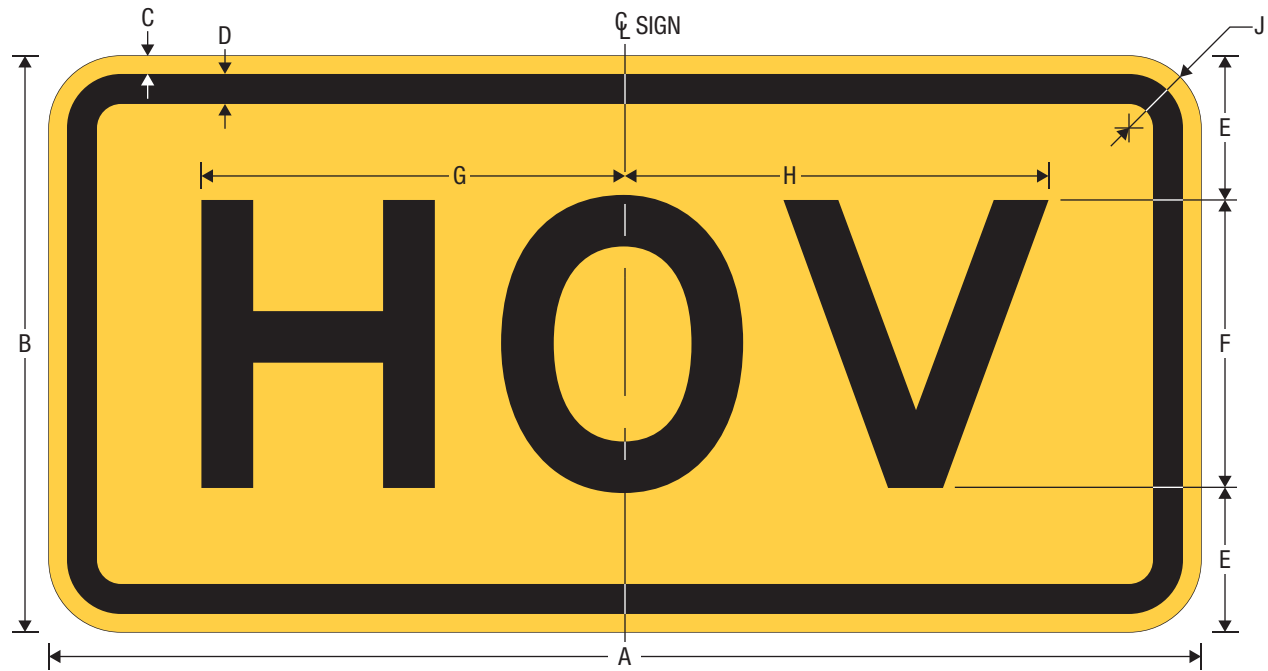
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W16-10aP
PHOTO ENFORCED (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M
24	18	0.375	0.5	4.5	3 D	3	6.049	6.049	9.892	9.891	1.5
36	30	0.5	0.75	8.5	4.5 D	4	9.074	9.073	14.837	14.837	1.875
48	36	0.625	0.875	9	6 D	6	12.099	12.098	19.783	19.783	2.25

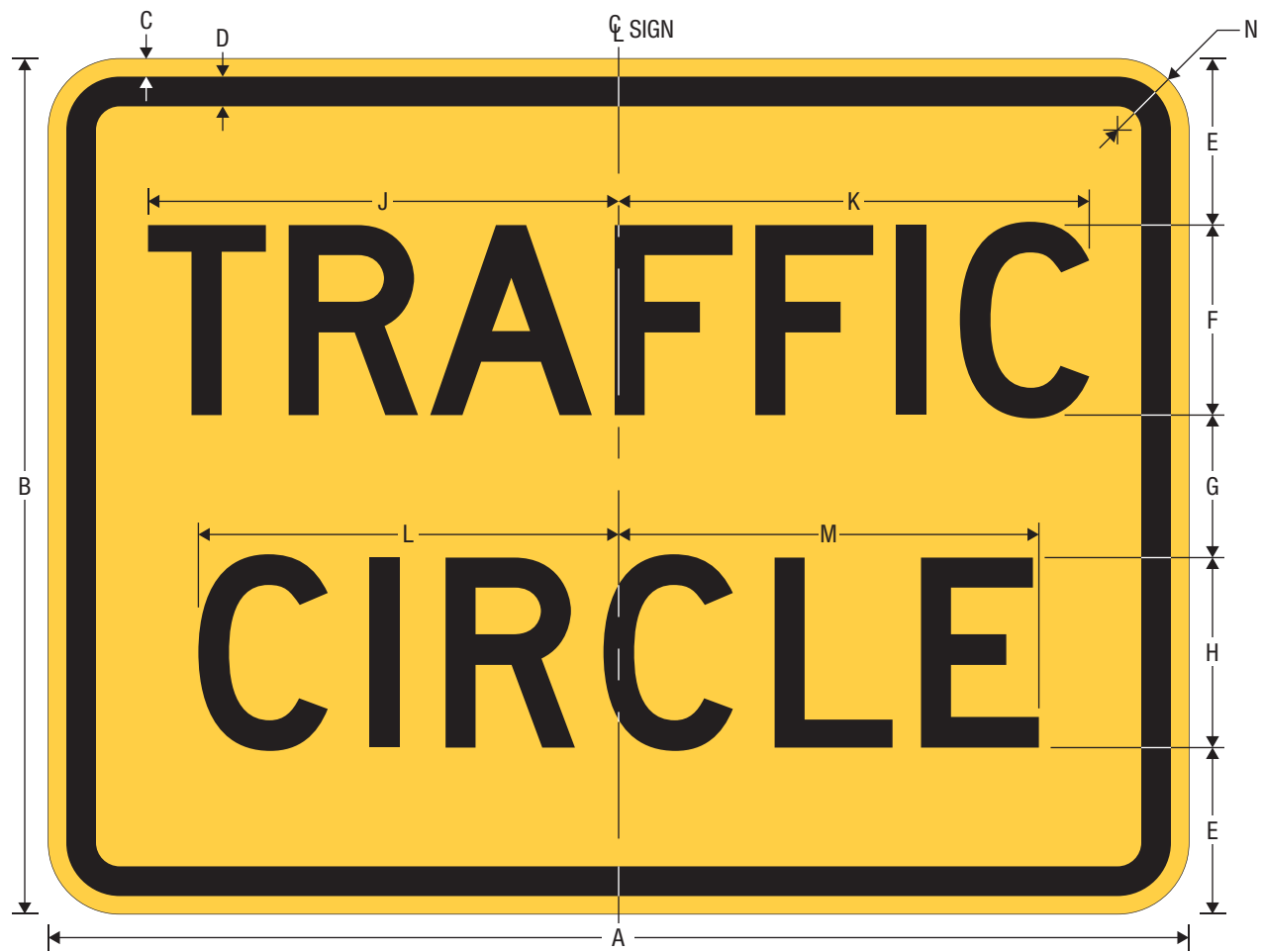
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W16-11P
HIGH-OCCUPANCY VEHICLES (PLAQUE)

A	B	C	D	E	F	G	H	J
24	12	0.375	0.625	3	6 E	8.825	8.824	1.5
30	18	0.5	0.75	5	8 E	11.766	11.766	1.5

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

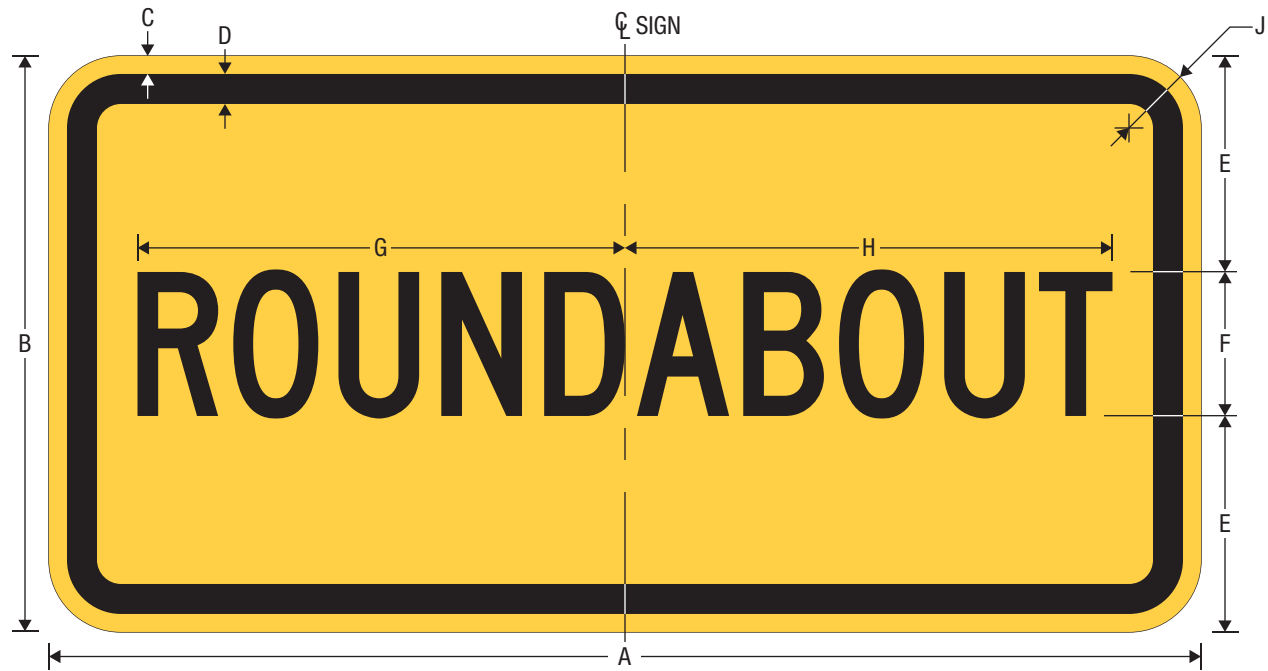


W16-12P
TRAFFIC CIRCLE (PLAQUE)

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N
24	18	0.375	0.625	3.5	4 D*	3	4 D	9.906	9.905	8.846	8.845	1.5

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

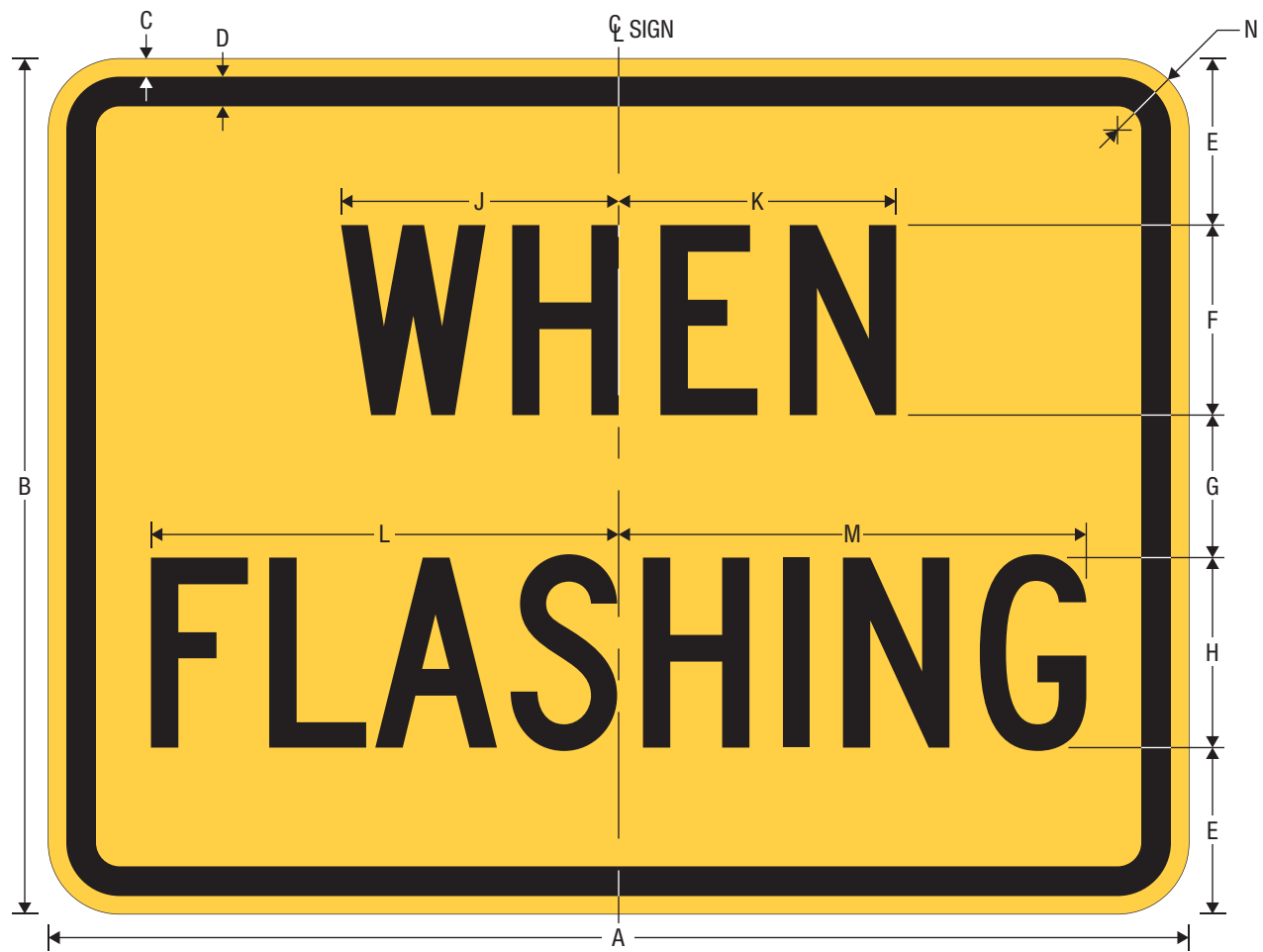


W16-12aP
ROUNDABOUT (PLAQUE)

* Reduce Spacing 30%.

A	B	C	D	E	F	G	H
24	12	0.375	0.625	4.5	3 C*	10.156	1.5

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

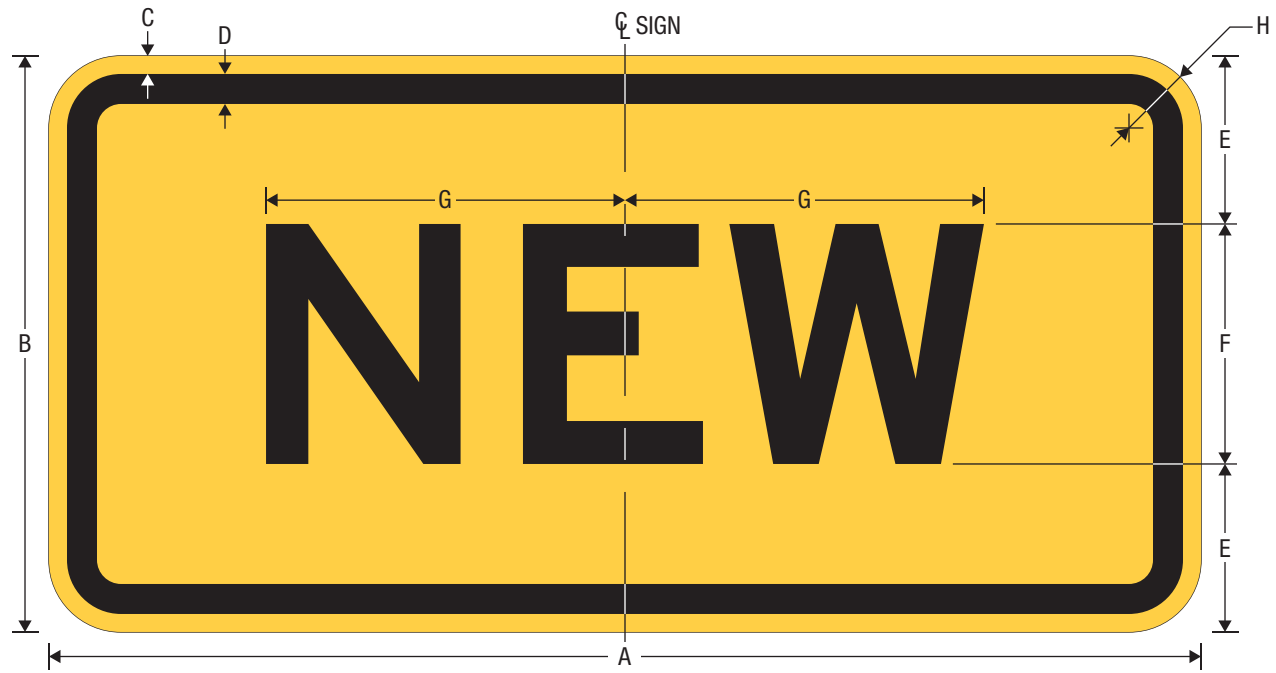


W16-13P
WHEN FLASHING (PLAQUE)

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N
24	18	0.375	0.625	3.5	4 C	3	4 C*	5.843	5.842	9.844	9.843	1.5

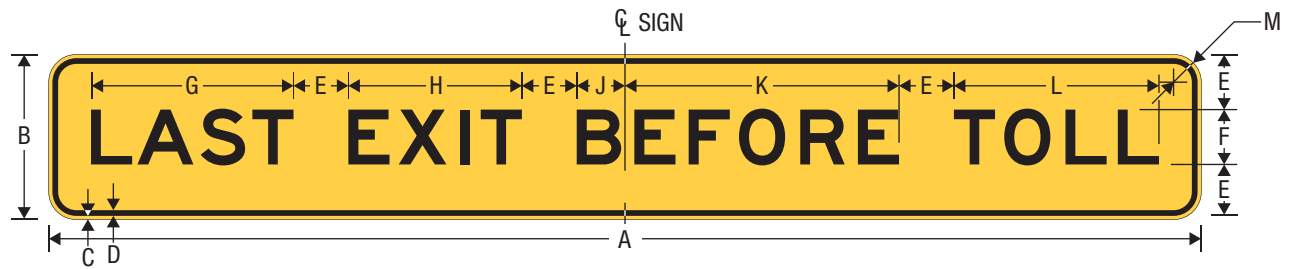
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W16-15P
NEW (PLAQUE)

A	B	C	D	E	F	G	H
24	12	0.375	0.625	3.5	5 E	7.478	1.5

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



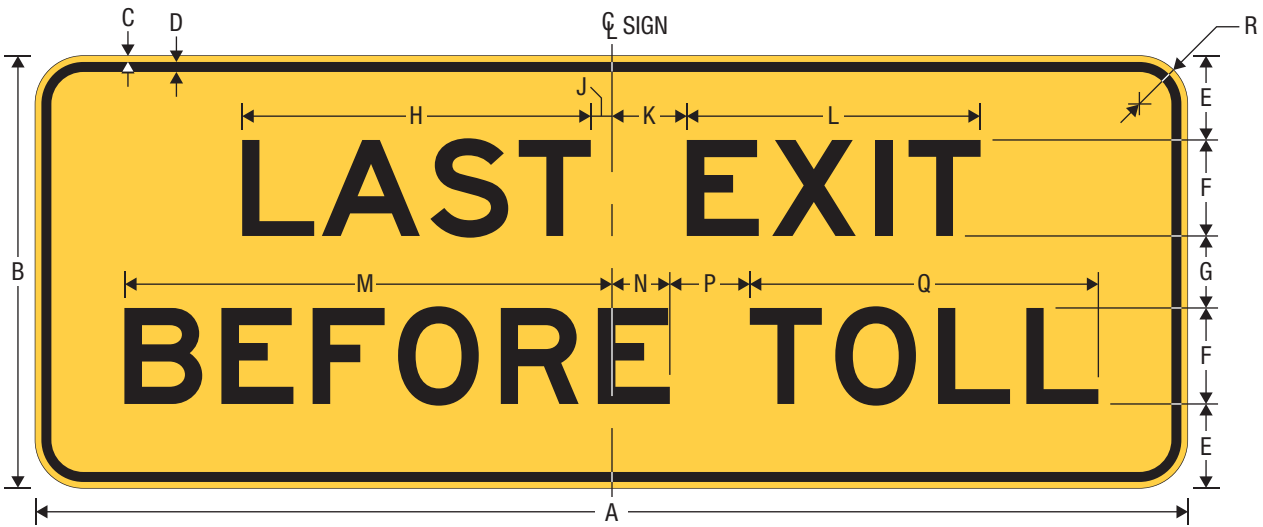
W16-16P

LAST EXIT BEFORE TOLL (1-LINE PLAQUE)

* Increase Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M
252	36	0.75	1.25	12	12 E*	44.295	37.950	10.561	59.945	44.862	6

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



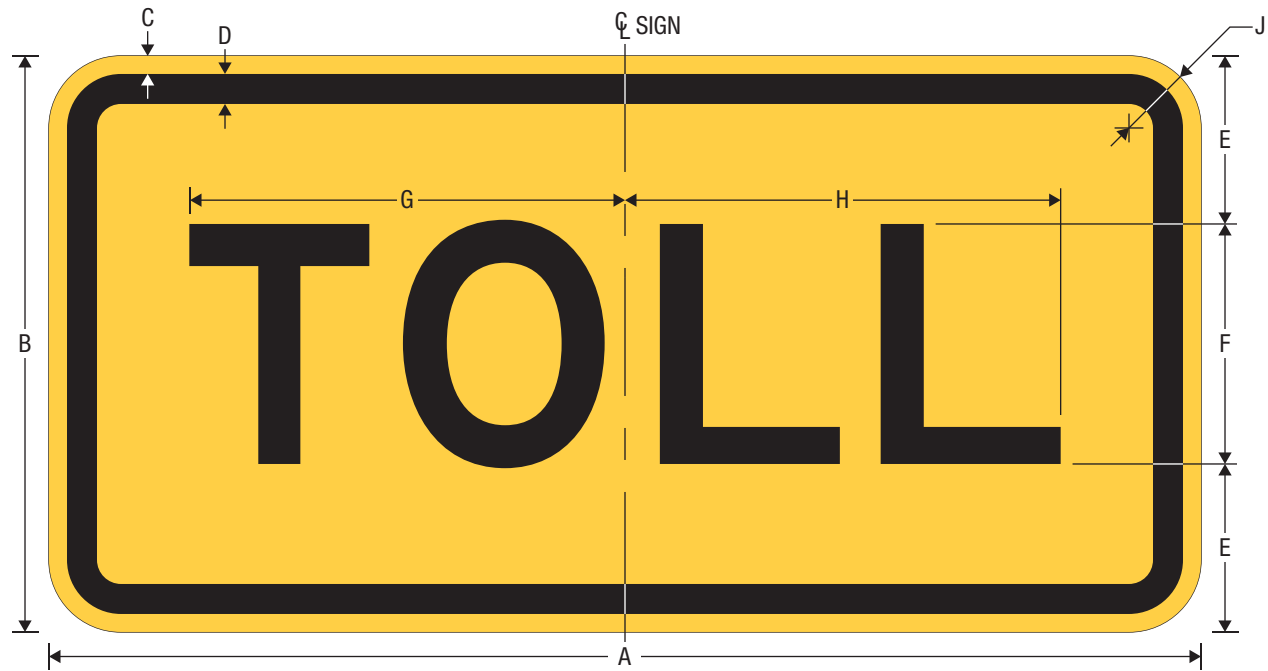
W16-16aP

LAST EXIT BEFORE TOLL (2-LINE PLAQUE)

A	B	C	D	E	F	G	H
144	54	0.75	1.25	10.5	12 E	9	43.575

J	K	L	M	N	P	Q	R
2.576	9.424	36.726	60.872	7.306	10	43.566	6

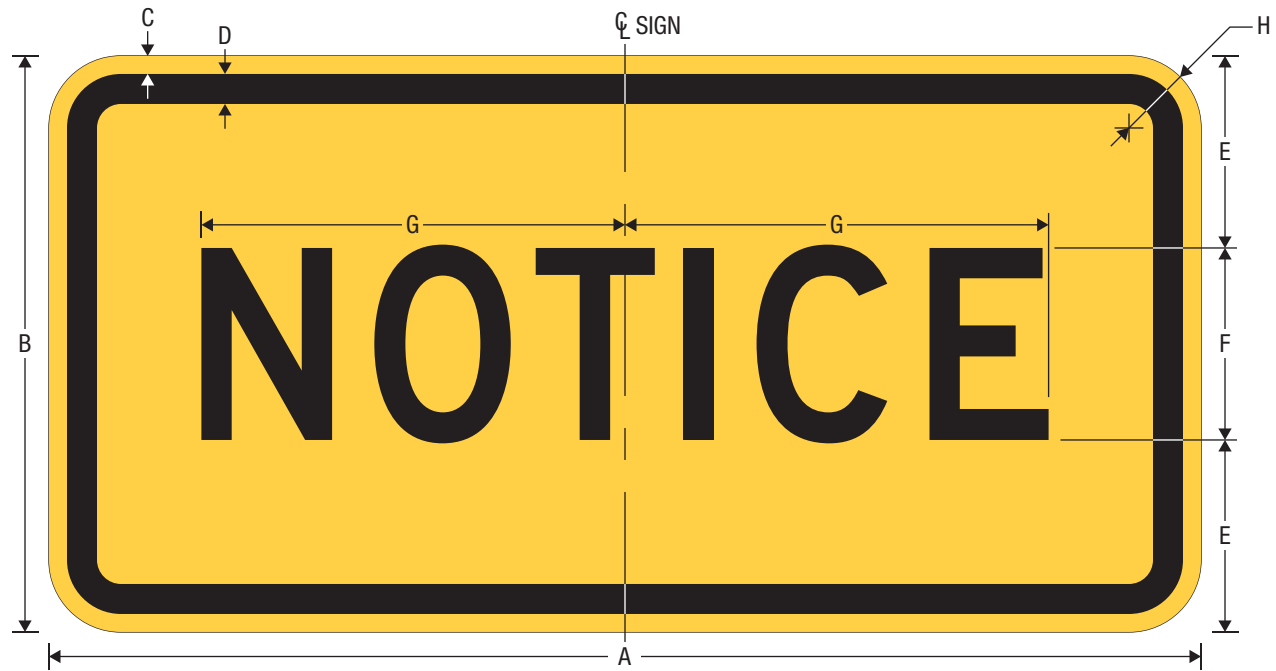
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W16-17P
TOLL (PLAQUE)

A	B	C	D	E	F	G	H	J
24	12	0.375	0.625	3.5	5 E	9.077	9.076	1.5
36	18	0.375	0.625	5	8 D	12.285	12.285	1.5

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



W16-18P
NOTICE (PLAQUE)

A	B	C	D	E	F	G	H
24	12	0.375	0.625	4	4 D	8.825	1.5

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

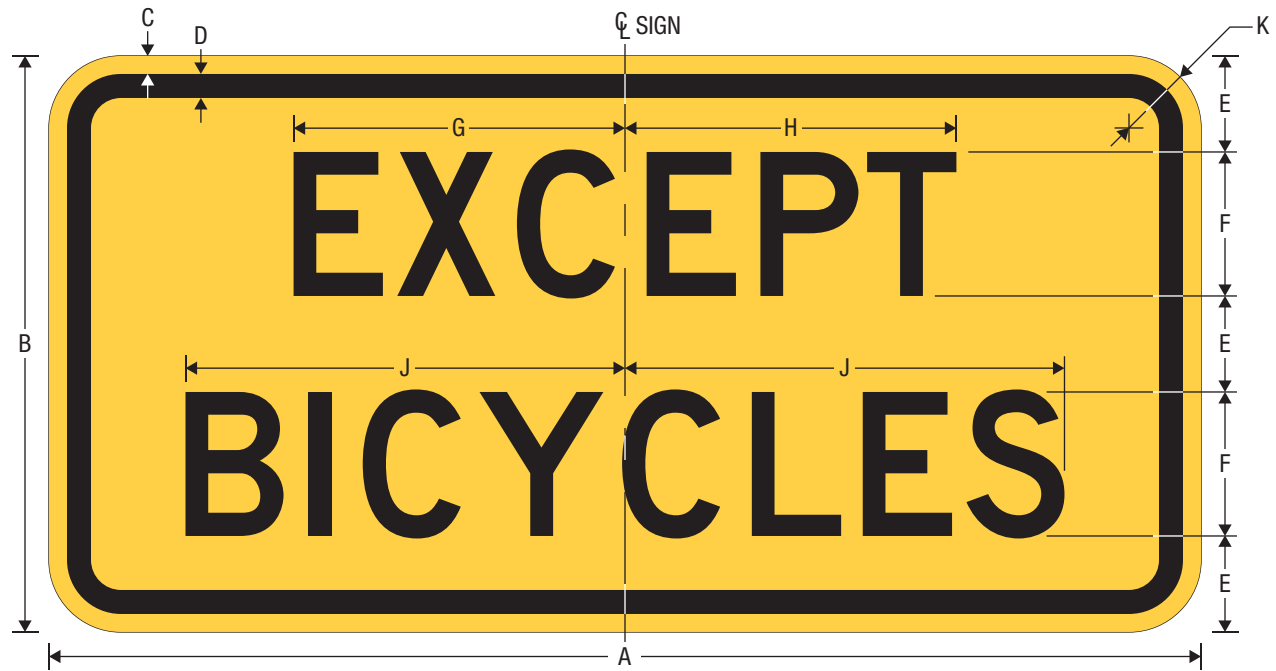


W16-19P
LAST IN CORRIDOR (PLAQUE)

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	18	0.375	0.5	3.5	4 C	3	4 C*	8.263	1.581	3.681	10.356	10.355	1.5

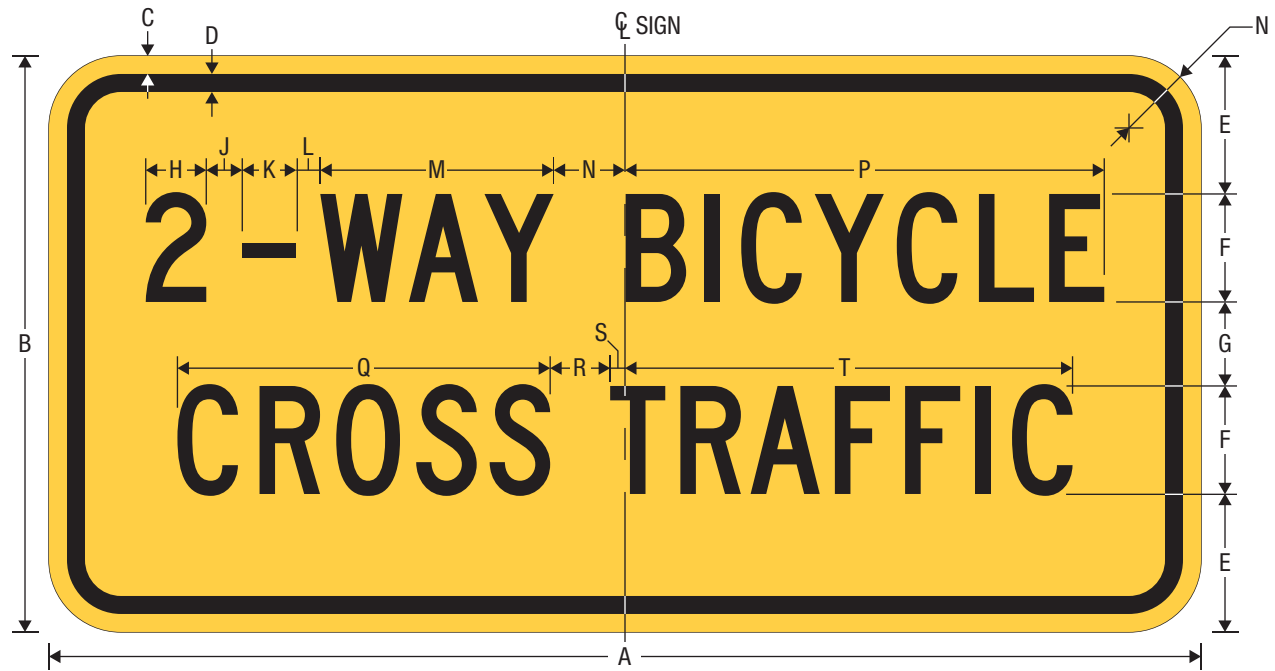
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



W16-20P
EXCEPT BICYCLES (PLAQUE)

A	B	C	D	E	F	G	H	J	K
24	12	0.375	0.5	2	3 D	6.905	6.904	9.156	1.5

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



W16-21P

2-WAY BICYCLE CROSS TRAFFIC (PLAQUE)

A	B	C	D	E	F	G	H	J
24	12	0.375	0.375	2.875	2.25 C	1.75	1.261	0.75
K	L	M	N	P	Q	R	S	T
1.125	0.5	4.862	1.5	9.971	7.765	1.25	0.309	9.324

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



W17-1
SPEED HUMP

A	B	C	D	E	F	G	H	J	K	L
24	0.375	0.625	4 D	1.25	2	7.886	7.885	6.961	7.210	1.5
30	0.5	0.75	5 D	1.5	2.5	9.857	9.857	8.732	8.982	1.875
36	0.625	0.875	6 D	1.875	3	11.829	11.828	10.379	10.878	2.25
48	0.75	1.25	8 D	2.5	4	15.771	15.771	13.921	14.421	3

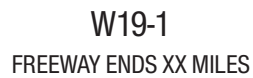
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE) OR
FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)



W18-1
NO TRAFFIC SIGNS

A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	0.375	0.625	4 D	2.5	2.75	1.25	3.223	3.222	10.266	10.265	7.326	7.326	1.5
30	0.5	0.75	5 D	3.125	3.5	1.5	4.028	4.028	12.832	12.832	9.158	9.157	1.875
36	0.625	0.875	6 D	3.75	4.25	1.75	4.834	4.834	15.399	15.398	10.989	10.989	2.25

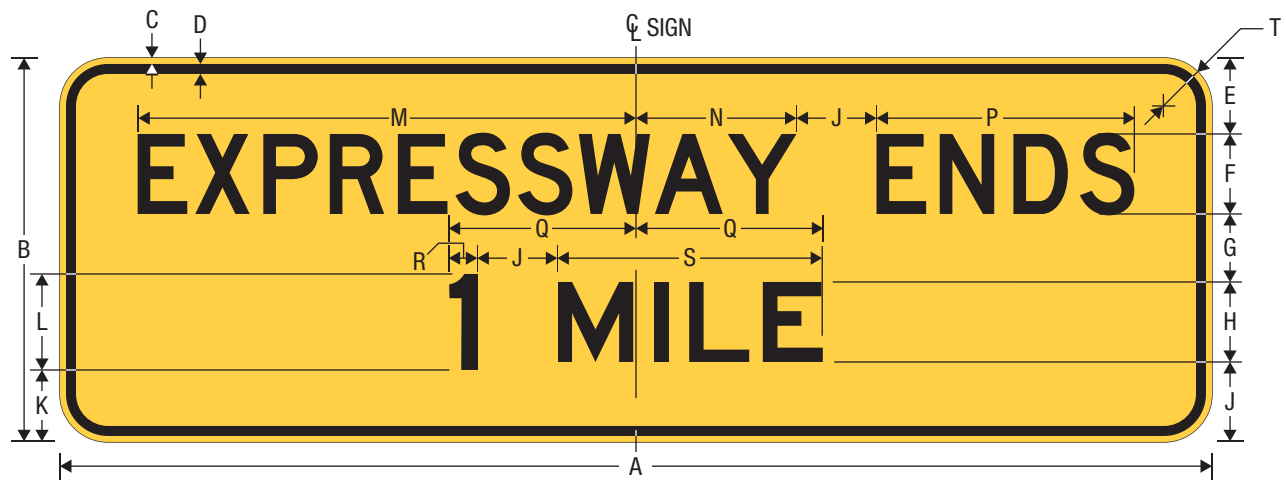
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



A	B	C	D	E	F	G	H	J
144	48	0.75	1.25	9.5	10 E	8.5	10	9

K	L	M	N	P	Q	R	S
12 E	59.072	10.956	38.115	VAR	VAR	VAR	6

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



W19-2
EXPRESSWAY ENDS XX MILES

A	B	C	D	E	F	G	H	J
144	48	0.75	1.25	9.5	10 D	8.5	10 E	10

K	L	M	N	P	Q	R	S	T
9	12 E	62.292	20.066	32.225	VAR	VAR	VAR	6

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



W19-3
FREEWAY ENDS

A	B	C	D	E	F	G	H	J	K	L
48	0.75	1.25	9 C	6.75	2.25	5	21.699	12.290	12.289	3

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



W19-4
EXPRESSWAY ENDS

A	B	C	D	E	F	G	H	J	K	L
48	0.75	1.25	7 C	3.5	5.25	24.300	24.299	9.559	9.558	3

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



W19-5

ALL TRAFFIC MUST EXIT

A	B	C	D	E	F	G	H
90	48	0.75	1.25	10.5	9 D	9	21.519

J	K	L	M	N	P	Q
7.838	38.357	29.270	1.120	7.880	22.511	3

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



W23-2
NEW TRAFFIC PATTERN AHEAD

A	B	C	D	E	F	G	H	J	K	L	M	N	P
30	0.5	0.75	4 C	2.5	4.282	4.282	8.563	8.563	9.144	9.143	6.753	7.252	1.875
36	0.625	0.875	5 C	3	5.353	5.352	10.704	10.704	11.430	11.429	8.503	9.003	2.25
48	0.75	1.25	7 C	4	7.494	7.493	14.986	14.985	16.002	16.001	11.755	12.754	3

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



W23-2a
NEW SIGNAL OPERATION AHEAD

A	B	C	D	E	F	G	H	J	K	L	M	N
30	0.5	0.75	4 C	2.5	4.282	4.282	7.643	7.642	11.844	6.753	7.252	1.875
36	0.625	0.875	5 C	3	5.353	5.352	9.553	9.553	14.805	8.503	9.003	2.25
48	0.75	1.25	7 C	4	7.494	7.493	13.375	13.374	20.727	11.755	12.754	3

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

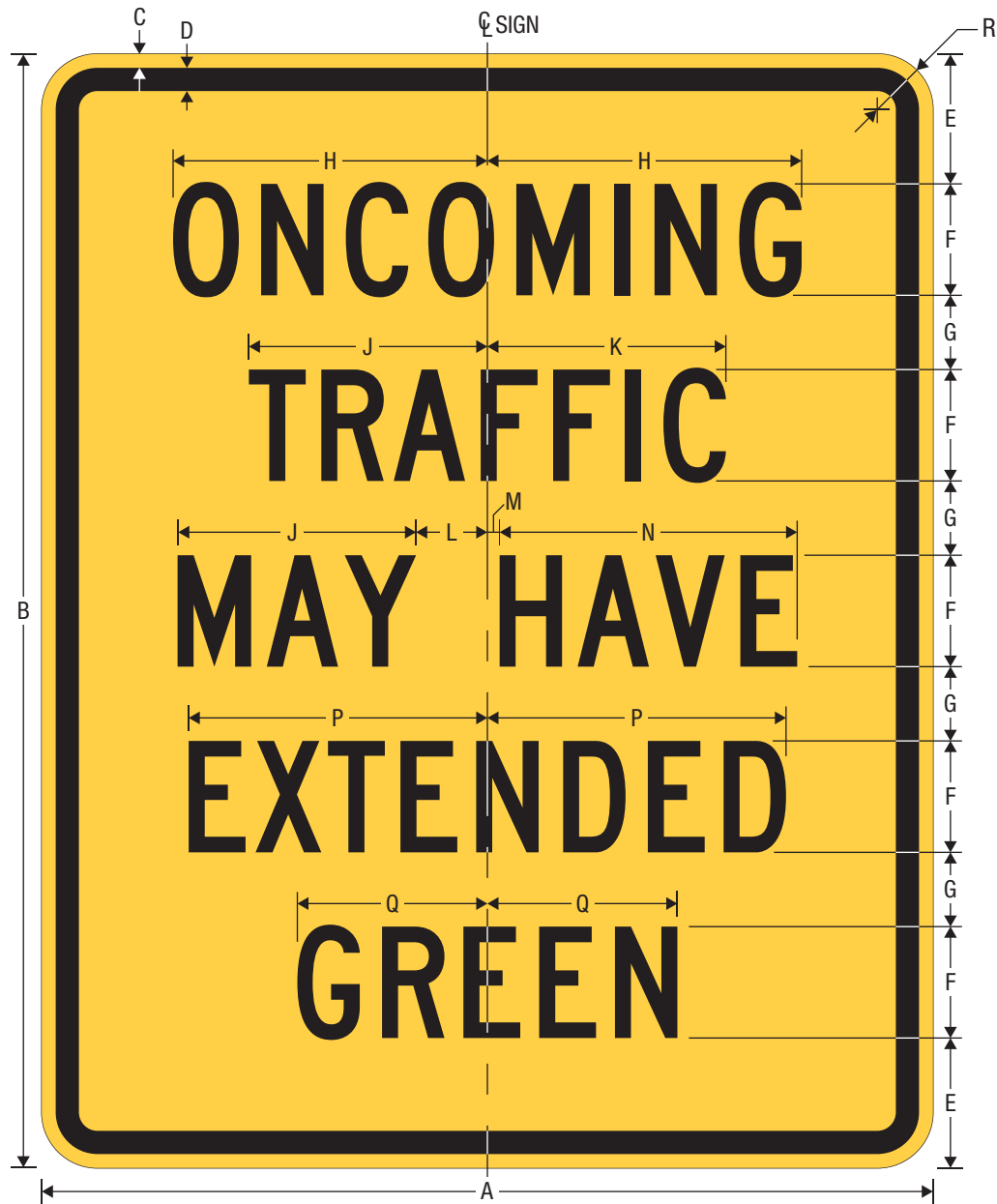


W25-1

ONCOMING TRAFFIC HAS EXTENDED GREEN

A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	30	0.375	0.625	3.5	3 C	2	8.463	6.423	6.422	2.986	8.043	5.117	1.5

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



W25-2

ONCOMING TRAFFIC MAY HAVE EXTENDED GREEN

A	B	C	D	E	F	G	H
24	30	0.375	0.625	3.5	3 C	2	8.463

J	K	L	M	N	P	Q	R
6.423	6.422	1.920	0.330	8.013	8.043	5.117	1.5

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

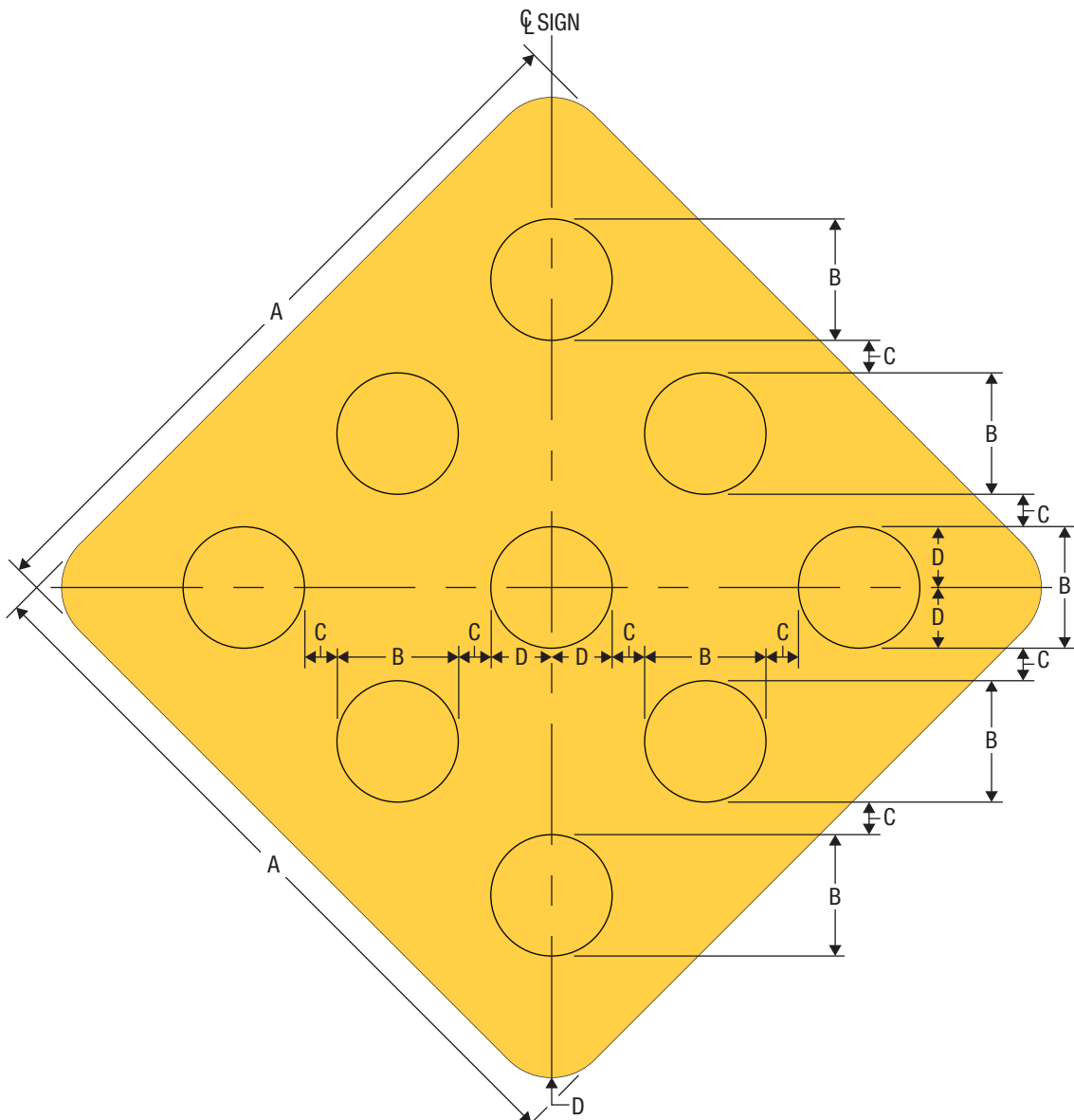


W26-1
WATCH FOR STOPPED TRAFFIC

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
30	0.5	0.75	4 C*	2	11.851	1.683	2.75	7.667	9.272	9.271	8.223	8.223	1.875
36	0.625	0.875	5 C*	2.5	14.645	2.273	3.288	9.584	11.590	11.589	10.279	10.279	2.25
48	0.75	1.25	6 C	3.5	18.607	2.222	5	11.855	14.496	14.495	12.845	12.844	3

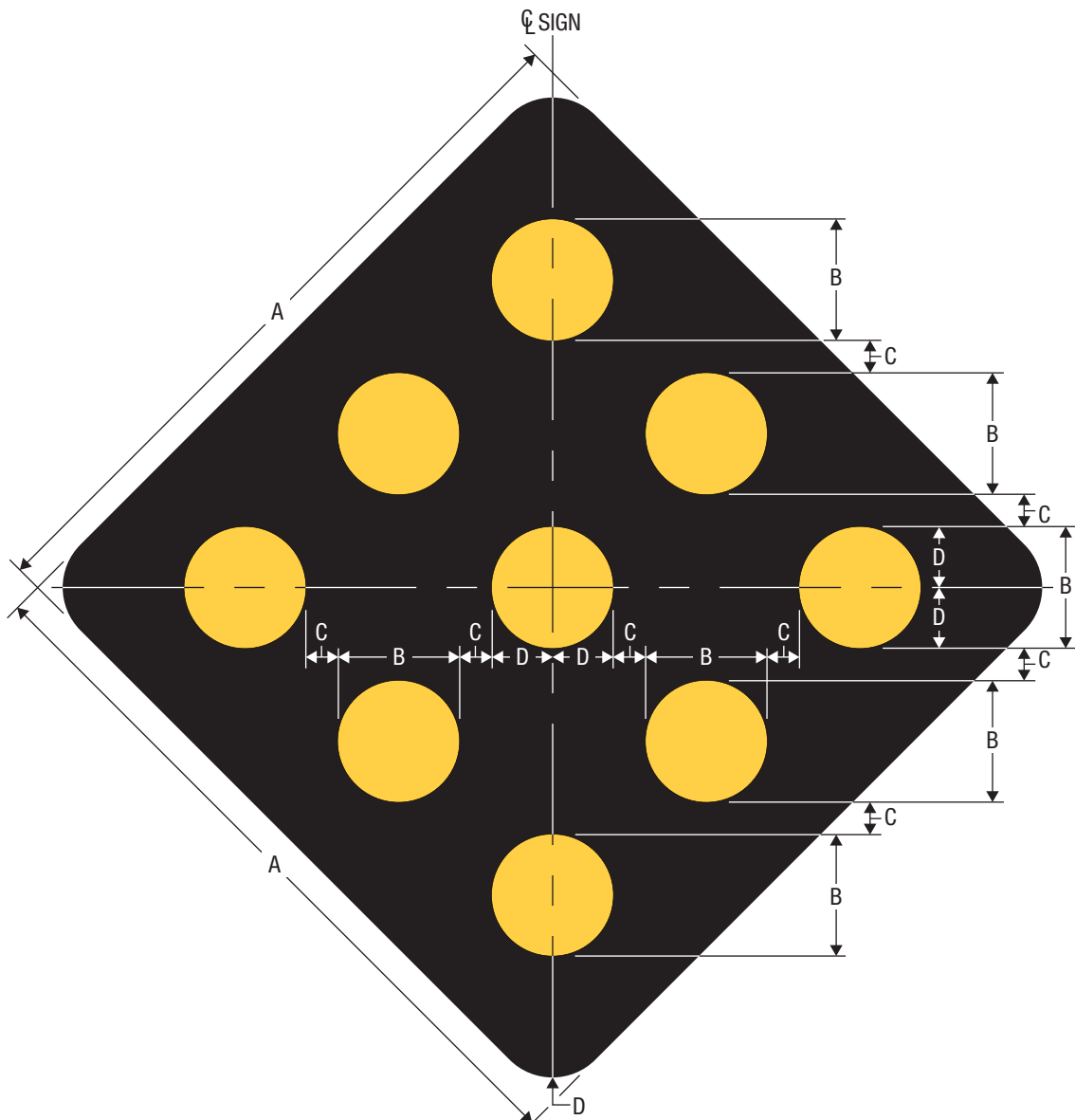
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



OM1-1
OBJECT MARKER TYPE 1

A	B	C	D
18	3	0.800	1.5

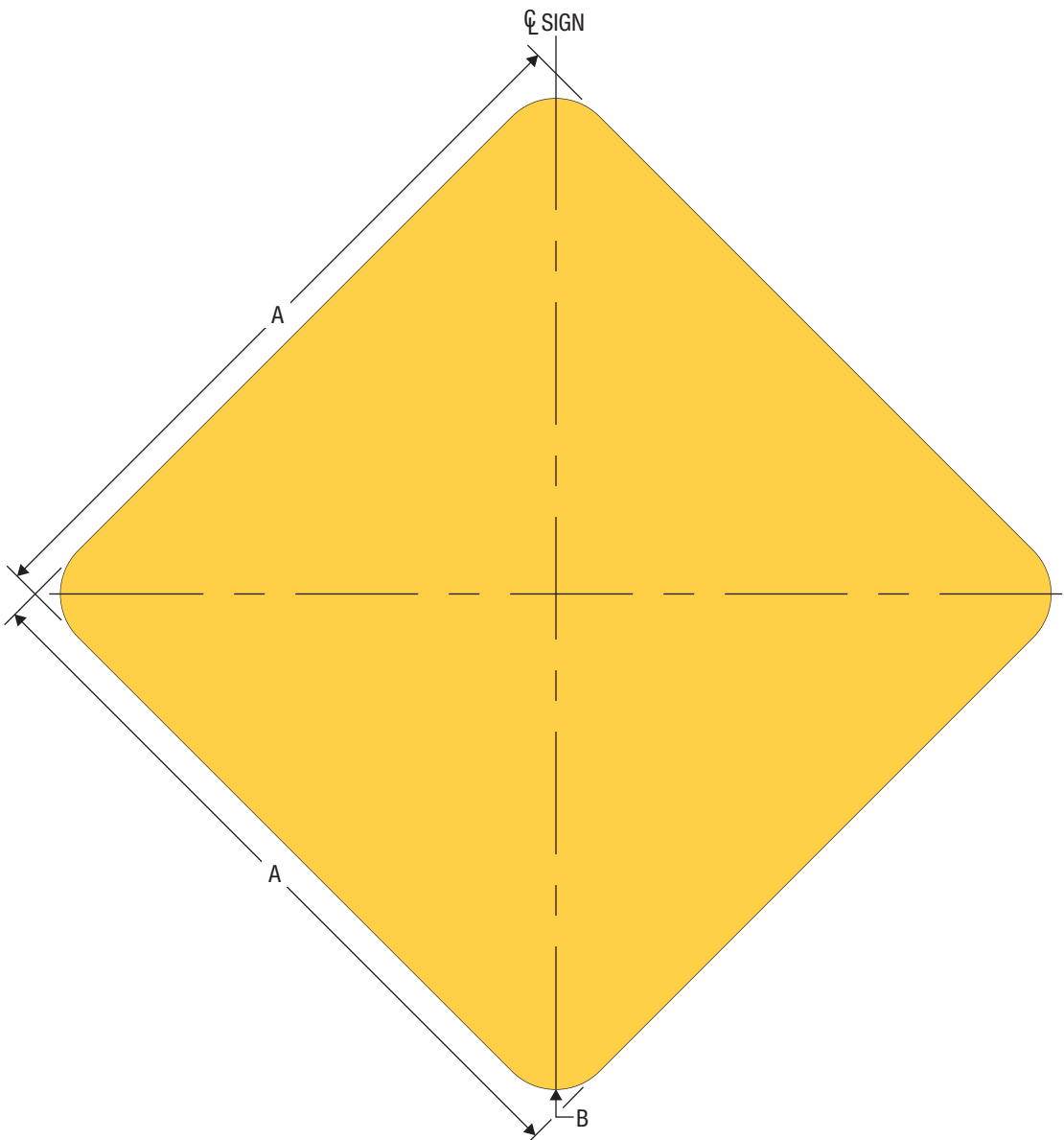
COLORS: REFLECTORS — YELLOW (RETROREFLECTIVE)
BACKGROUND — YELLOW (RETROREFLECTIVE)
NO BORDER



OM1-2
OBJECT MARKER TYPE 1

A	B	C	D
18	3	0.800	1.5

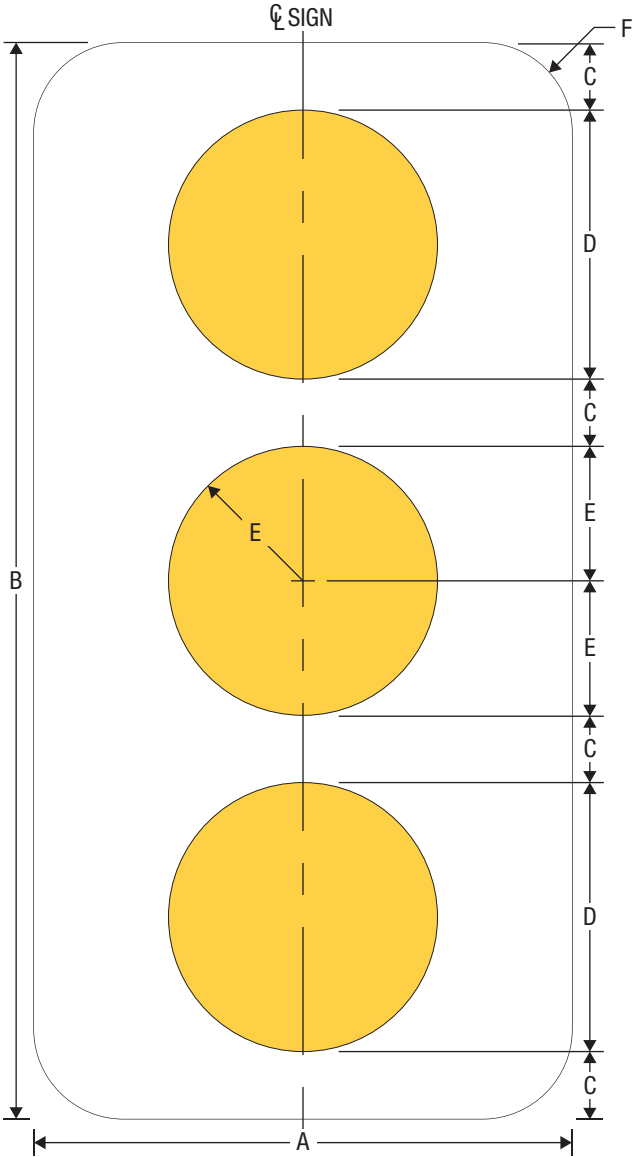
COLORS: REFLECTORS — YELLOW (RETROREFLECTIVE)
BACKGROUND — BLACK
NO BORDER



OM1-3
OBJECT MARKER TYPE 1

A	B
18	1.5

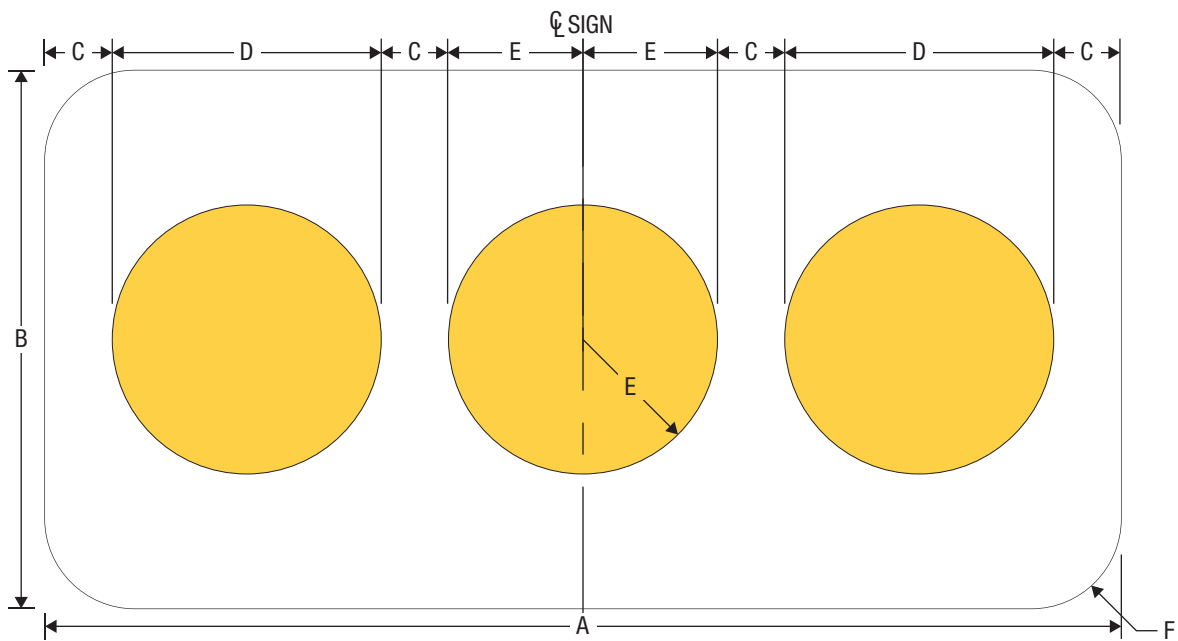
COLORS: SIGN — YELLOW (RETROREFLECTIVE)
NO BORDER



OM2-1V
OBJECT MARKER TYPE 2

A	B	C	D	E	F
6	12	0.75	3	1.5	1

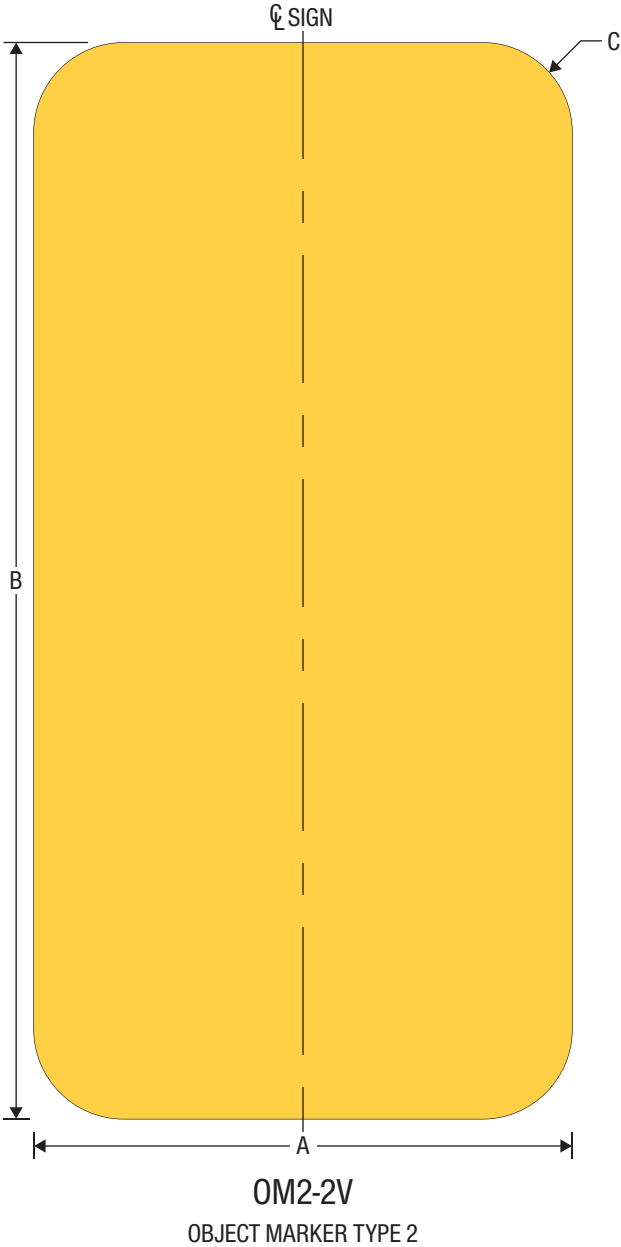
COLORS: REFLECTORS — YELLOW (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)
NO BORDER



OM2-1H
OBJECT MARKER TYPE 2

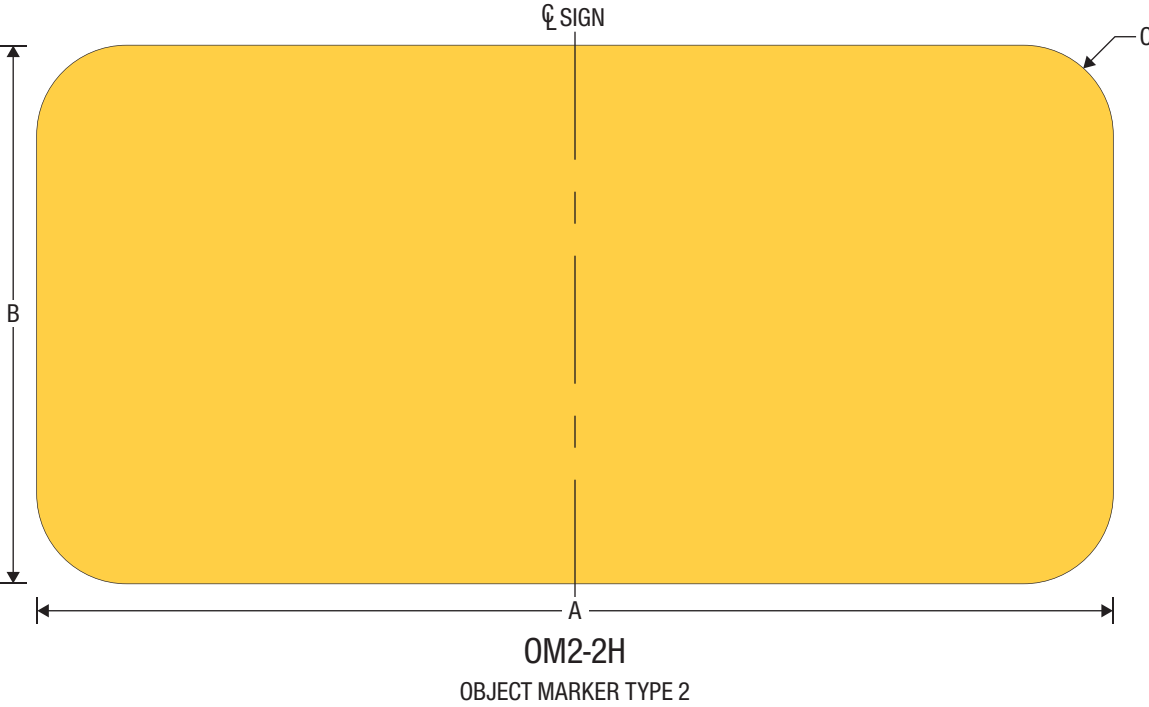
A	B	C	D	E	F
12	6	0.75	3	1.5	1

COLORS: REFLECTORS — YELLOW (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)
NO BORDER



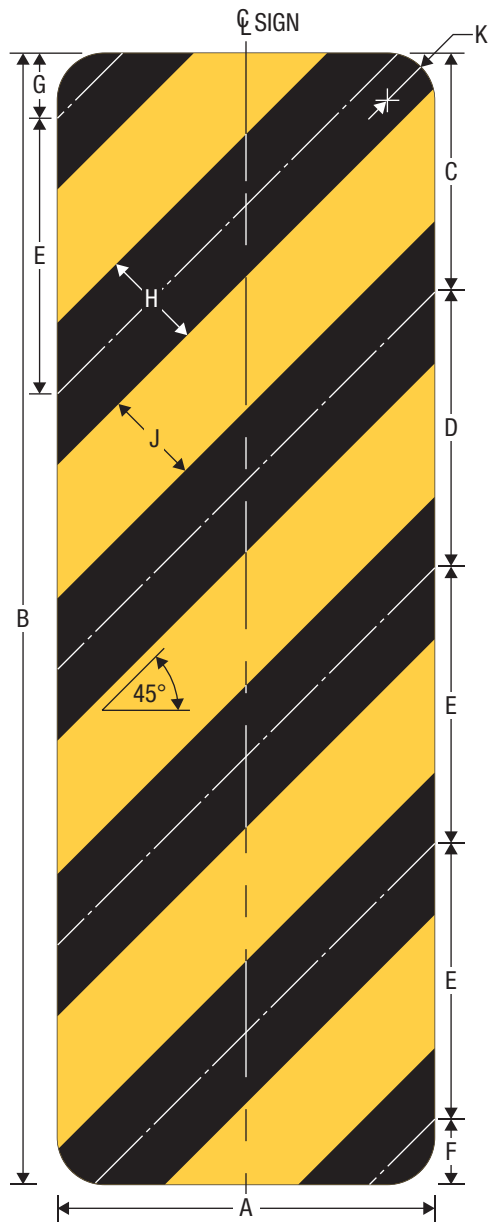
A	B	C
6	12	1

COLORS: BACKGROUND — YELLOW (RETROREFLECTIVE)
NO BORDER



A	B	C
12	6	1

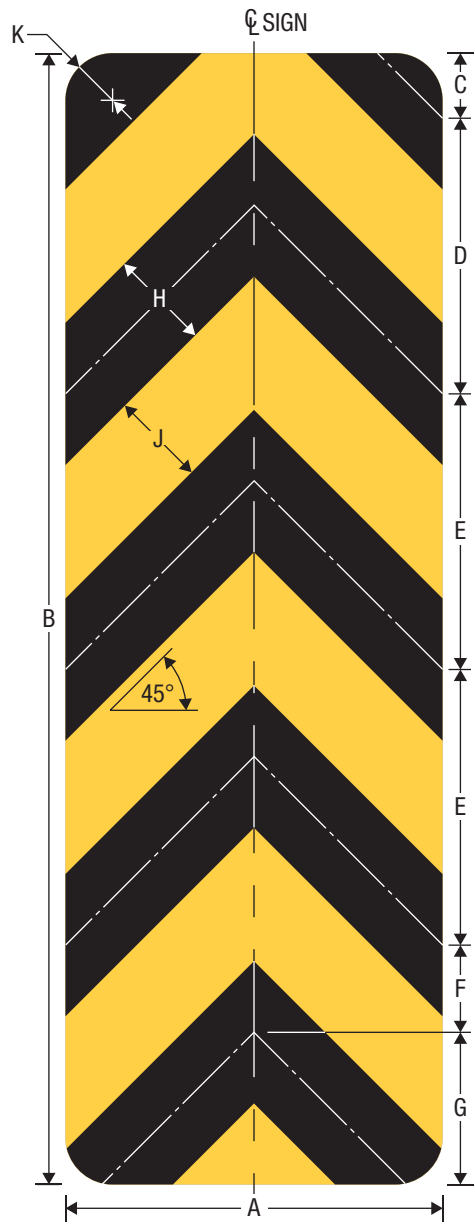
COLORS: BACKGROUND — YELLOW (RETROREFLECTIVE)
NO BORDER



OM3-R
OBJECT MARKER TYPE 3

A	B	C	D	E	F	G	H	J	K
6	18	3.803	4.386	4.385	1.040	1.033	1.601	1.5	1
12	36	7.607	8.771	8.771	2.080	2.065	3.202	3	1.5

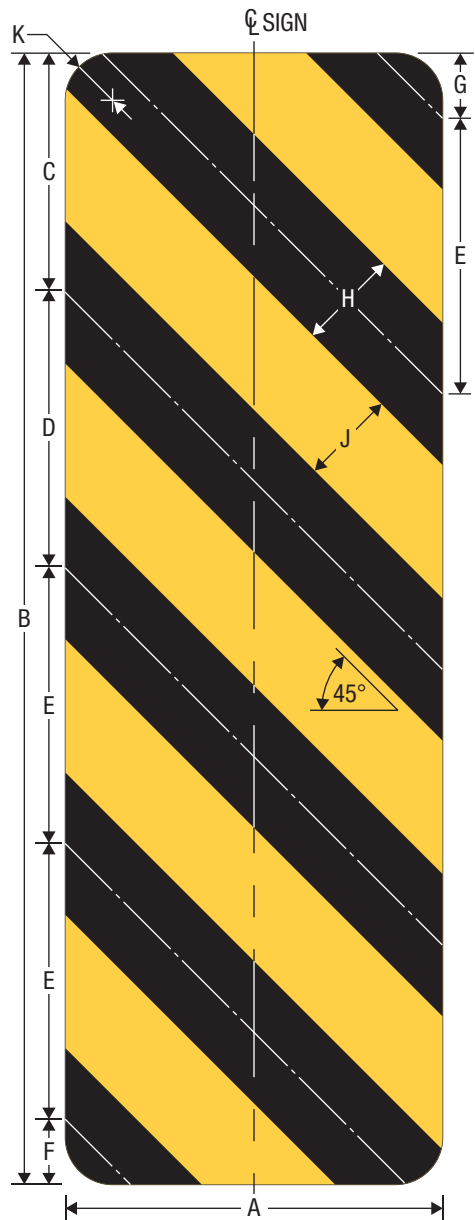
COLORS: STRIPES — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



OM3-C
OBJECT MARKER TYPE 3

A	B	C	D	E	F	G	H	J	K
6	18	1.033	4.386	4.385	1.385	2.426	1.601	1.5	1
12	36	2.065	8.771	8.771	2.771	4.851	3.202	3	1.5

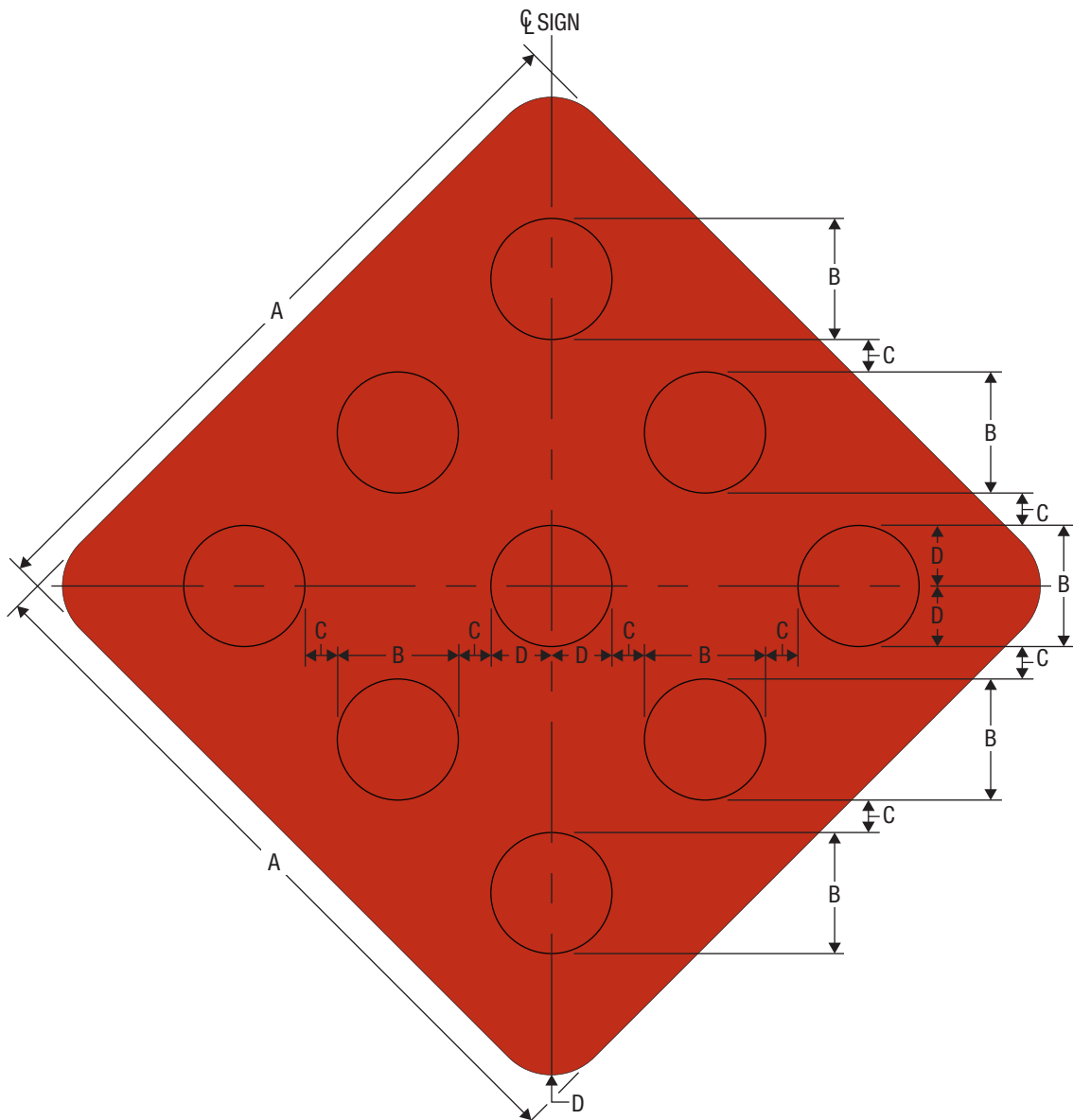
COLORS: STRIPES — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



OM3-L
OBJECT MARKER TYPE 3

A	B	C	D	E	F	G	H	J	K
6	18	3.803	4.386	4.385	1.040	1.033	1.601	1.5	1
12	36	7.607	8.771	8.771	2.080	2.065	3.202	3	1.5

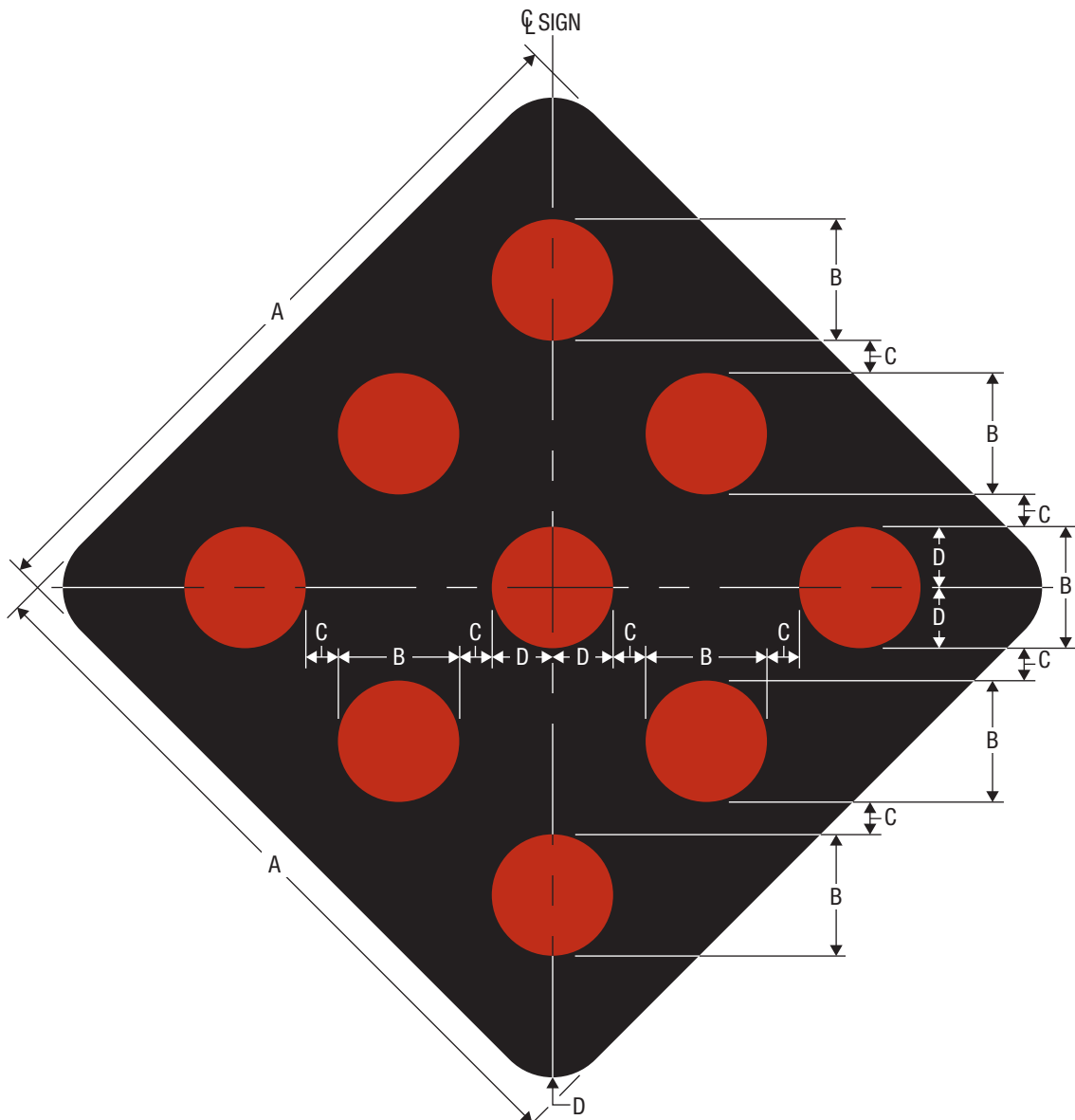
COLORS: STRIPES — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



OM4-1
OBJECT MARKER TYPE 4

A	B	C	D
18	3	0.800	1.5

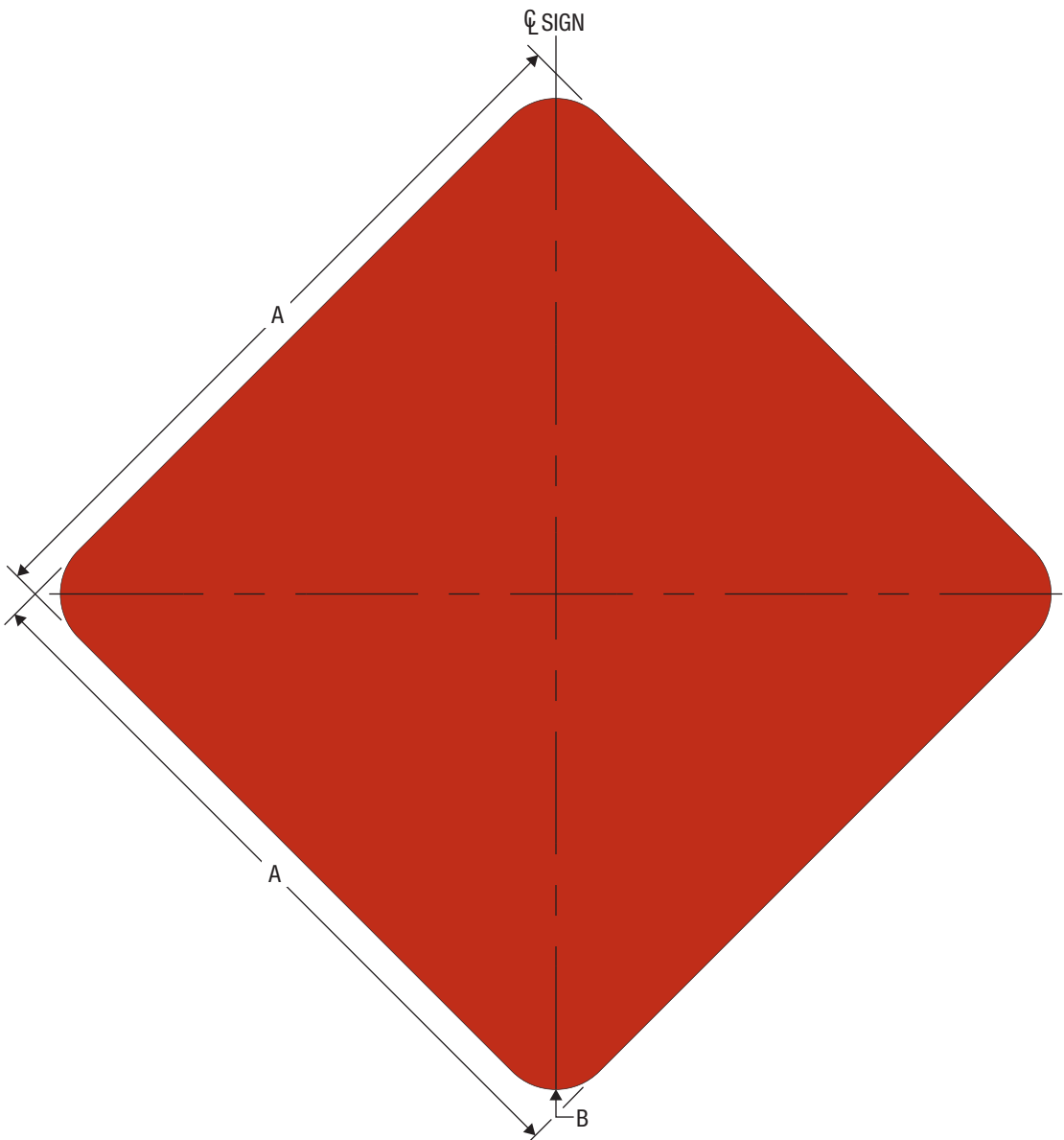
COLORS: REFLECTORS — RED (RETROREFLECTIVE)
BACKGROUND — RED (RETROREFLECTIVE)
NO BORDER



OM4-2
OBJECT MARKER TYPE 4

A	B	C	D
18	3	0.800	1.5

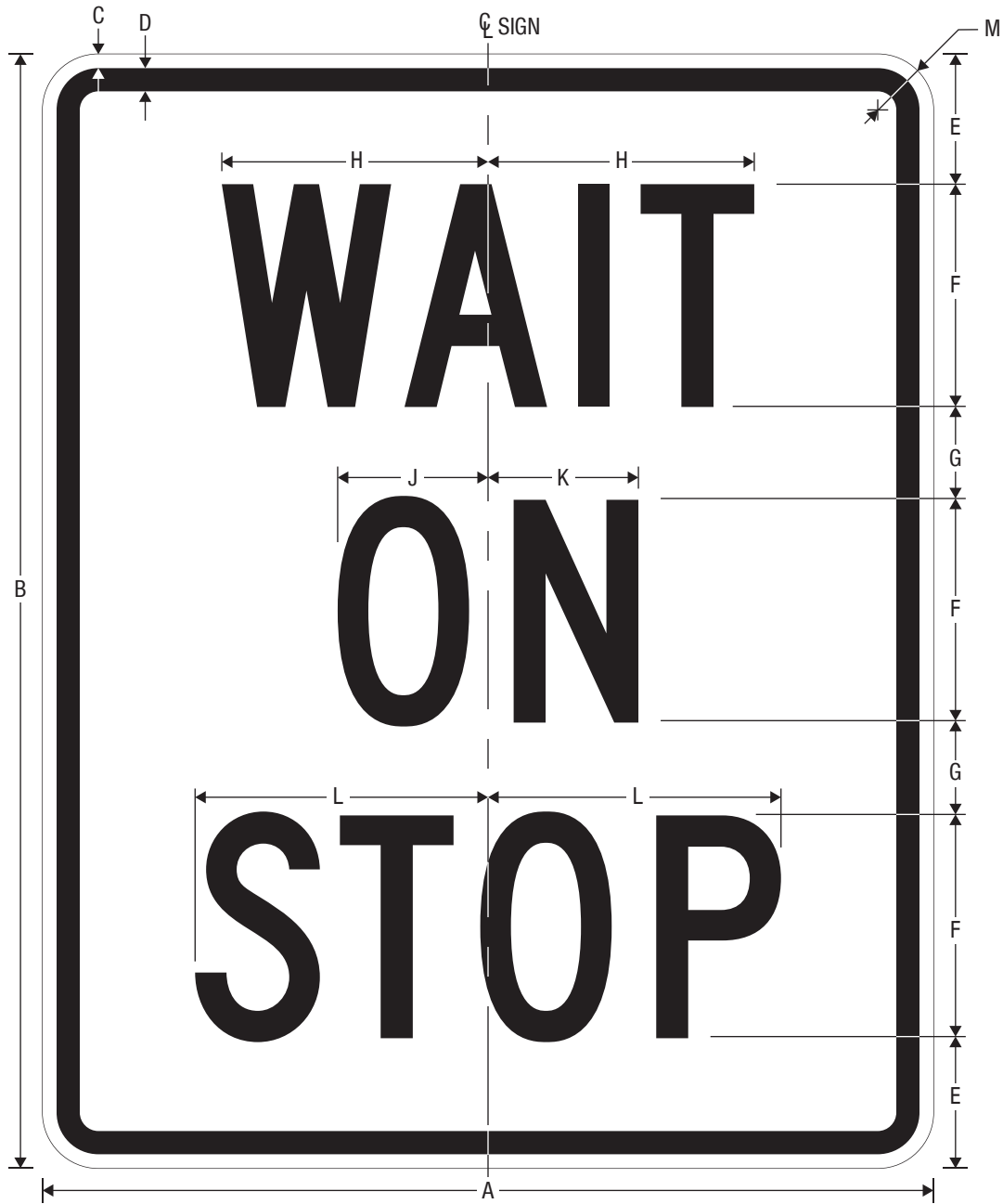
COLORS: REFLECTORS — RED (RETROREFLECTIVE)
BACKGROUND — BLACK
NO BORDER



OM4-3
OBJECT MARKER TYPE 4

A	B
18	1.5

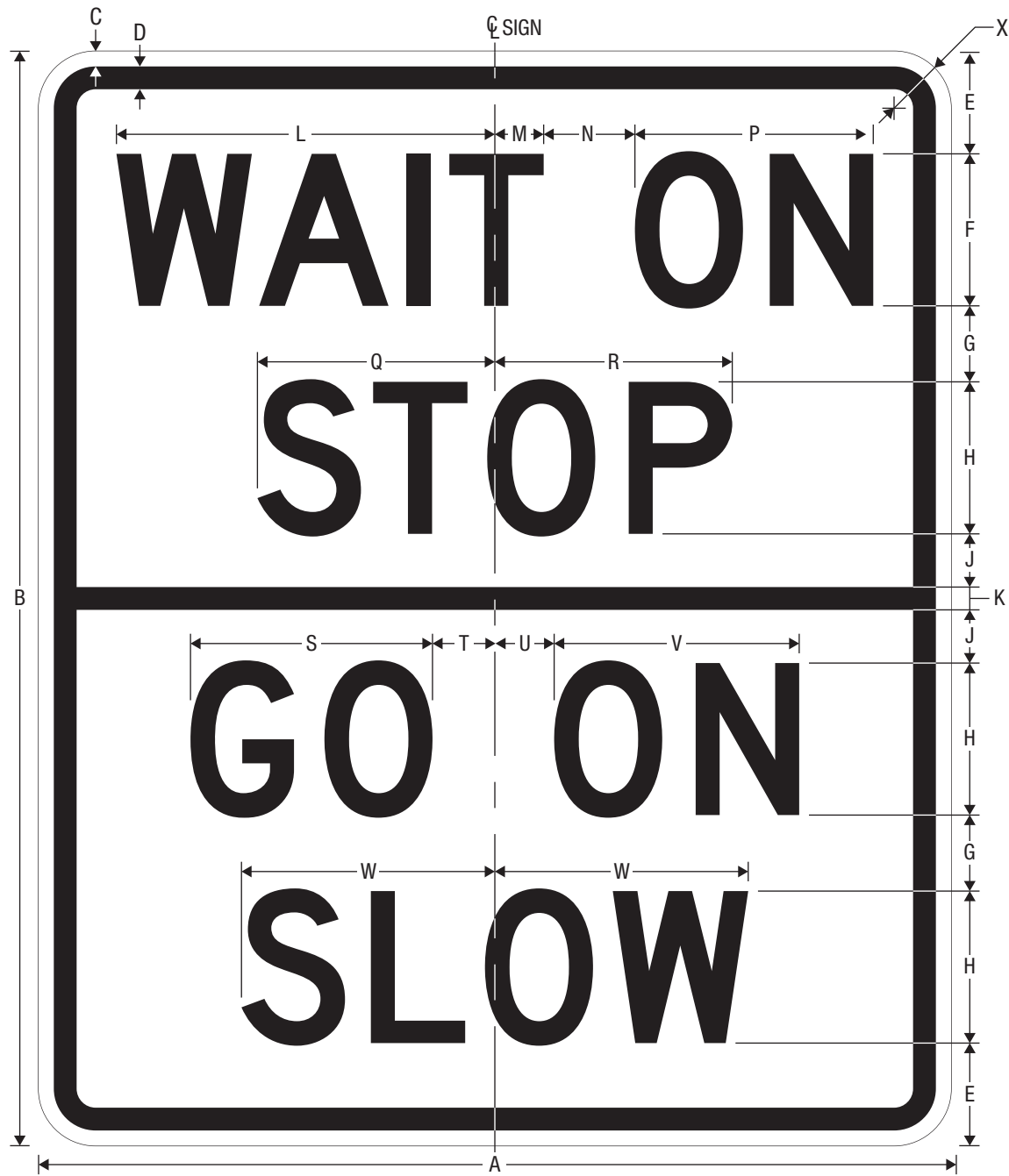
COLORS: SIGN — RED (RETROREFLECTIVE)
NO BORDER



R1-7
WAIT ON STOP

A	B	C	D	E	F	G	H	J	K	L	M
24	30	0.375	0.625	3.5	6 C	2.5	7.173	4.052	4.051	7.893	1.5

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



R1-7a

WAIT ON STOP - GO ON SLOW

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L
30	36	0.5	0.75	3.375	5 D*	2.5	5 D	1.75	0.75	12.435

M	N	P	Q	R	S	T	U	V	W	X
1.611	3	7.836	7.806	7.805	7.956	2.050	1.950	8.056	8.330	1.875

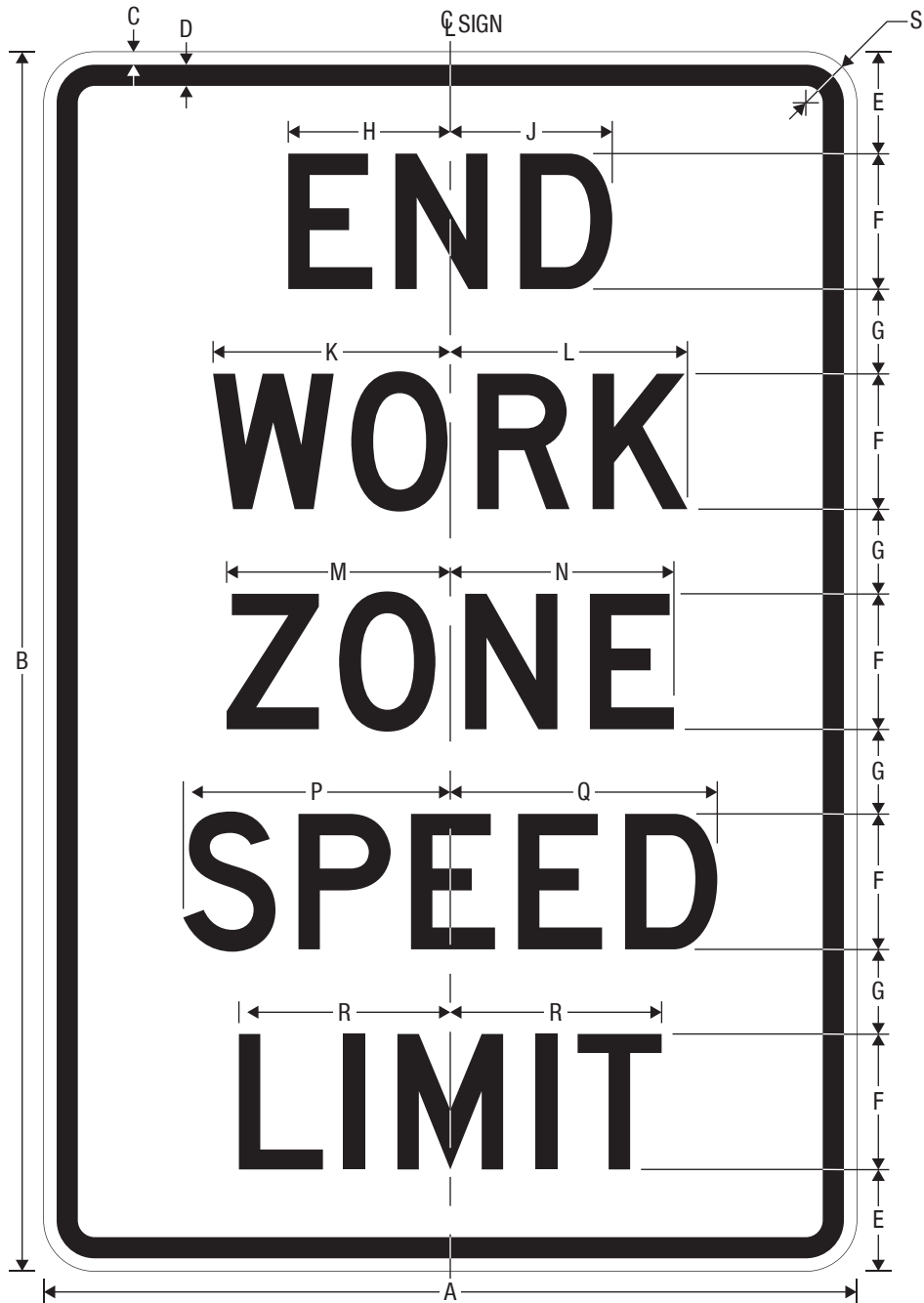
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R1-8
GO ON SLOW

A	B	C	D	E	F	G	H	J	K	L	M	N
24	30	0.375	0.625	3.5	6 C	2.5	3.992	3.991	4.052	4.051	8.494	1.5

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



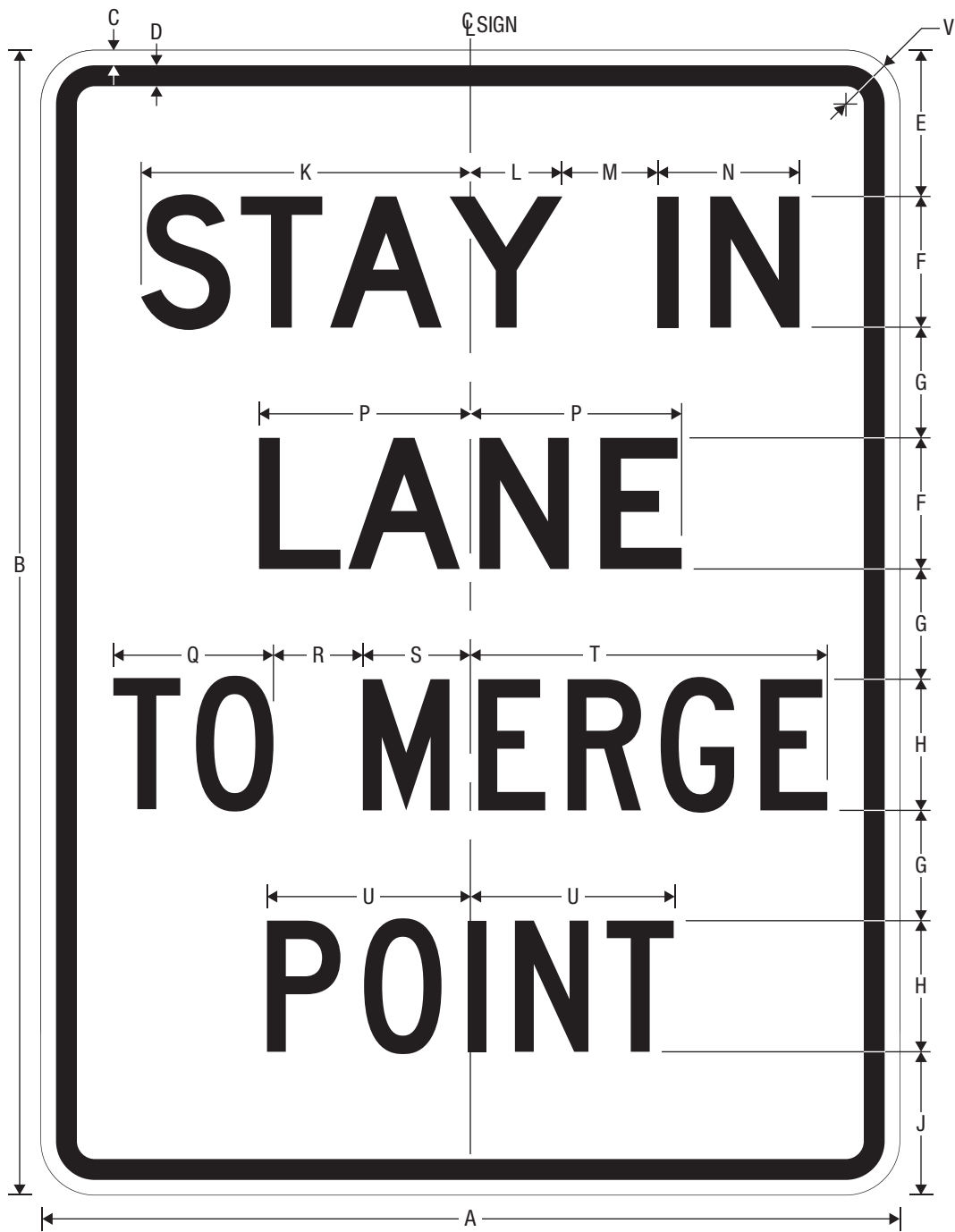
R2-12

END WORK ZONE SPEED LIMIT

A	B	C	D	E	F	G	H	J
24	36	0.375	0.625	3	4 D	2.5	4.784	4.783
36	54	0.625	0.875	4.5	6 D	3.75	7.176	7.175

K	L	M	N	P	Q	R	S
7.005	7.004	6.605	6.604	7.886	7.885	6.242	1.5
10.507	10.507	9.907	9.907	11.828	11.828	9.363	2.25

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



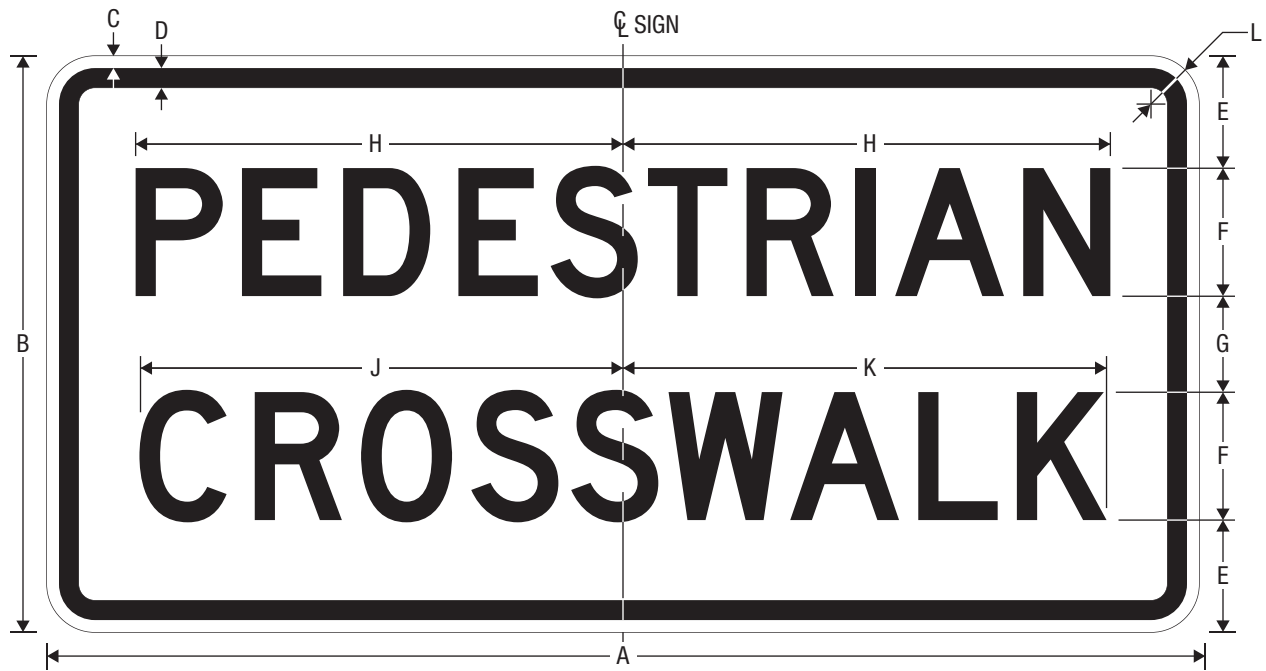
R4-9a

STAY IN LANE TO MERGE POINT

A	B	C	D	E	F	G	H	J	K
36	48	0.625	0.875	6.125	5.5 D	4.625	5.5 C	6	13.805

L	M	N	P	Q	R	S	T	U	V
3.861	4	5.944	8.860	6.713	3.75	4.508	14.970	8.528	2.25

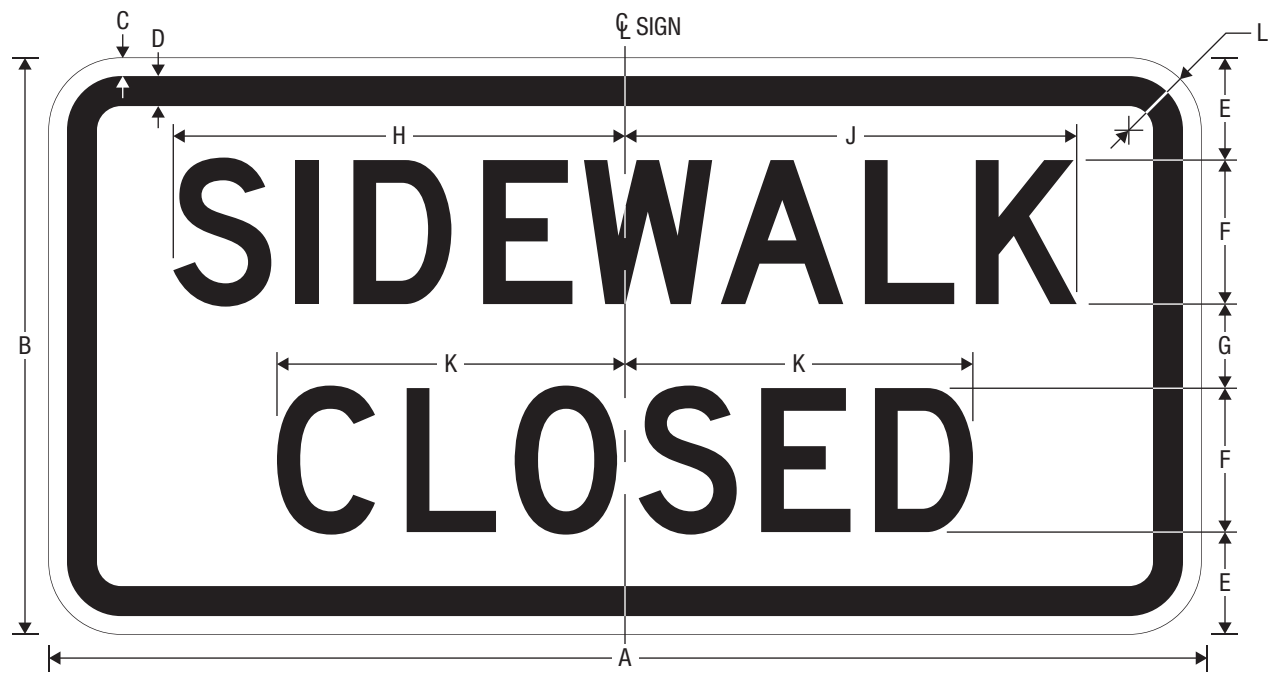
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R9-8
PEDESTRIAN CROSSWALK

A	B	C	D	E	F	G	H	J	K	L
36	18	0.375	0.625	3.5	4 D	3	15.230	15.111	15.110	1.5

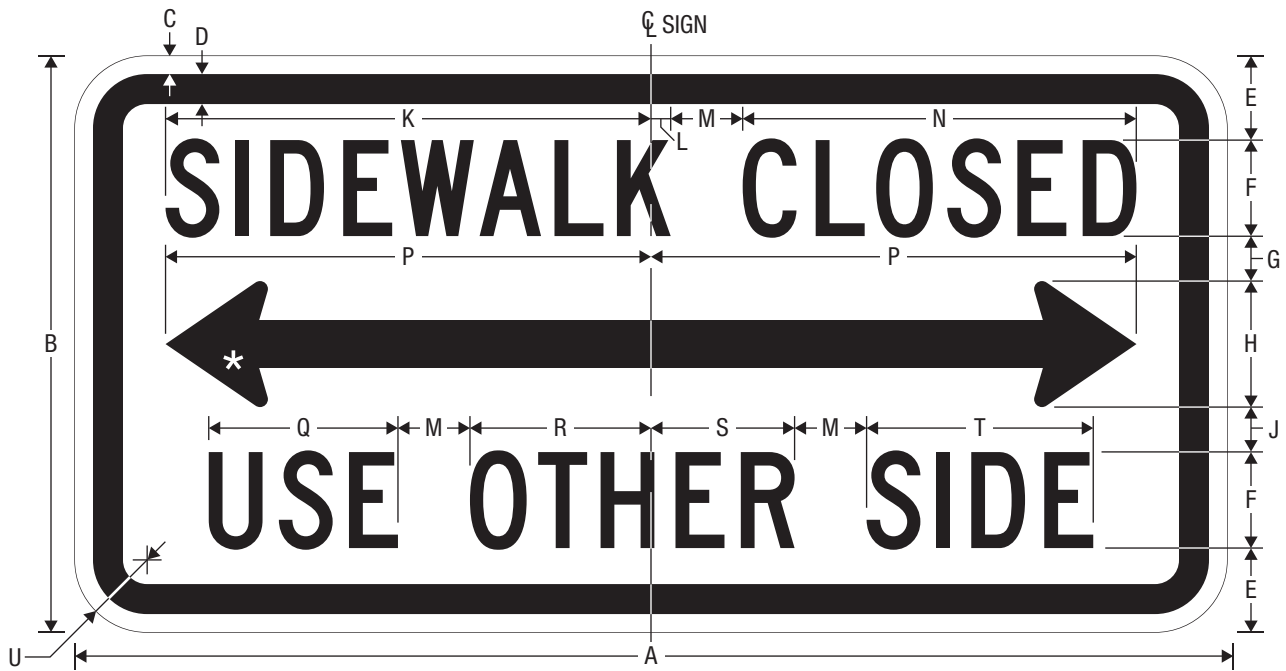
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R9-9
SIDEWALK CLOSED

A	B	C	D	E	F	G	H	J	K	L
24	12	0.375	0.625	2.125	3 D	1.75	9.411	9.410	7.250	1.5

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



R9-10

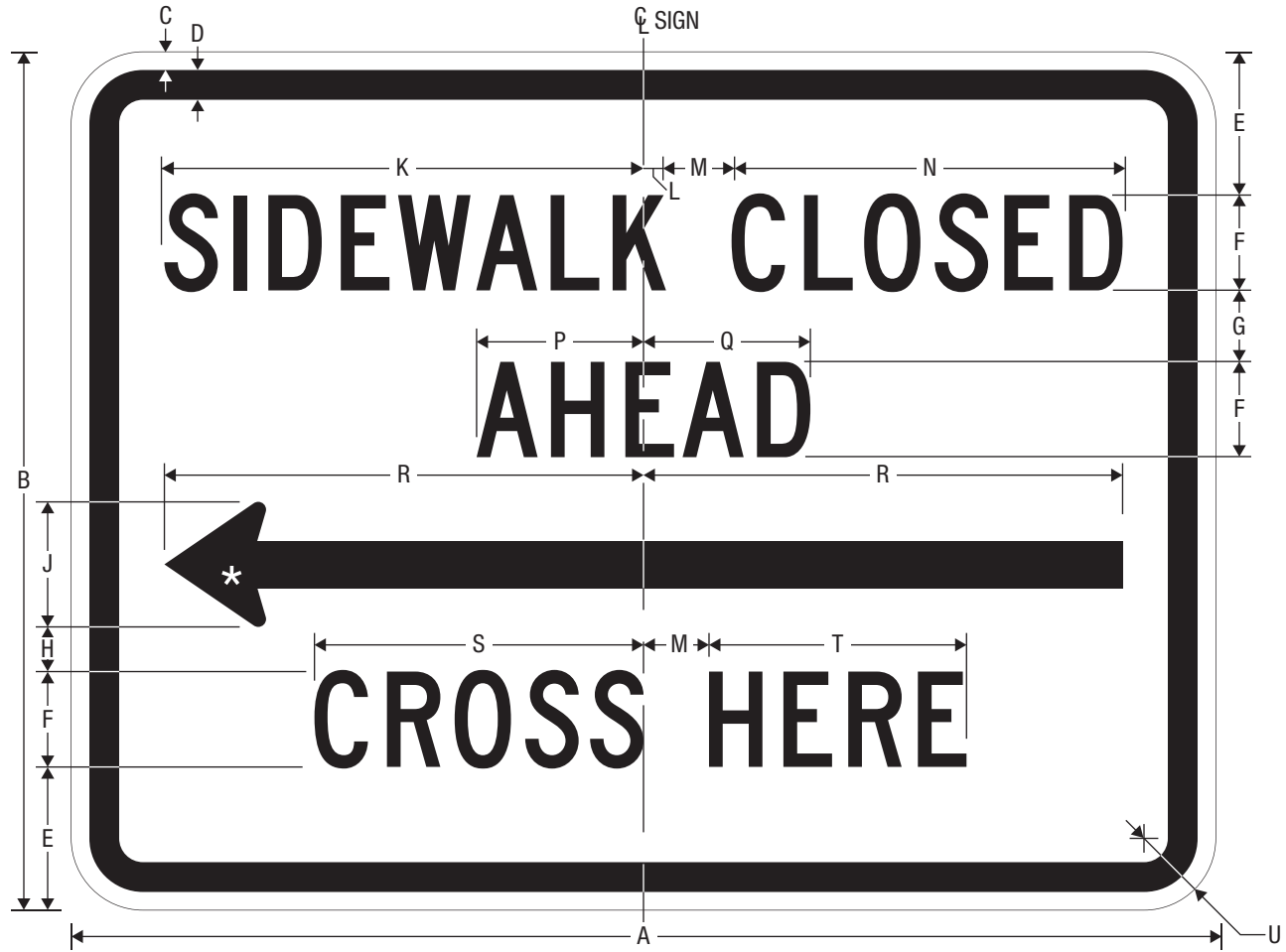
SIDEWALK CLOSED, USE OTHER SIDE

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
24	12	0.375	0.625	1.75	2 C	0.938	2.625	0.937	10.114

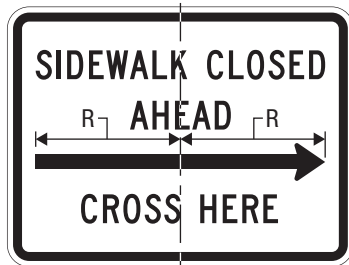
L	M	N	P	Q	R	S	T	U
0.410	1.5	8.203	10.114	3.942	3.772	2.991	4.722	1.5

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



R9-11L

SIDEWALK CLOSED AHEAD, CROSS HERE



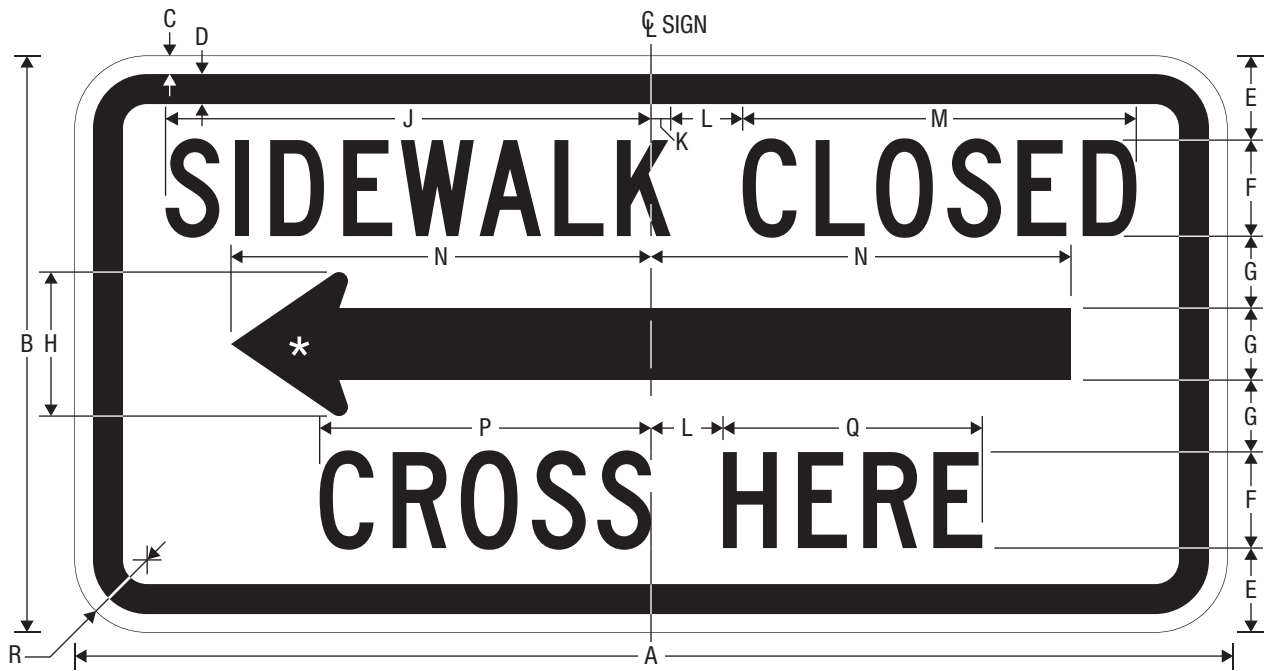
R9-11R

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K
24	18	0.375	0.625	3	2 C	1.5	0.937	2.625	10.051

L	M	N	P	Q	R	S	T	U
0.473	1.375	8.203	3.502	3.501	10.051	6.903	5.402	1.5

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



R9-11aL
SIDEWALK CLOSED, CROSS HERE



R9-11aR

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H
24	12	0.375	0.625	1.75	2 C	1.5	3

J	K	L	M	N	P	Q	R
10.114	0.410	1.5	8.203	8.75	6.903	5.402	1.5

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



R9-12
BIKE LANE CLOSED

A	B	C	D	E	F	G	H	J	K	L	M	N
24	12	0.375	0.625	2.125	3 D	1.75	8.225	1.595	0.155	9.665	7.250	1.5

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



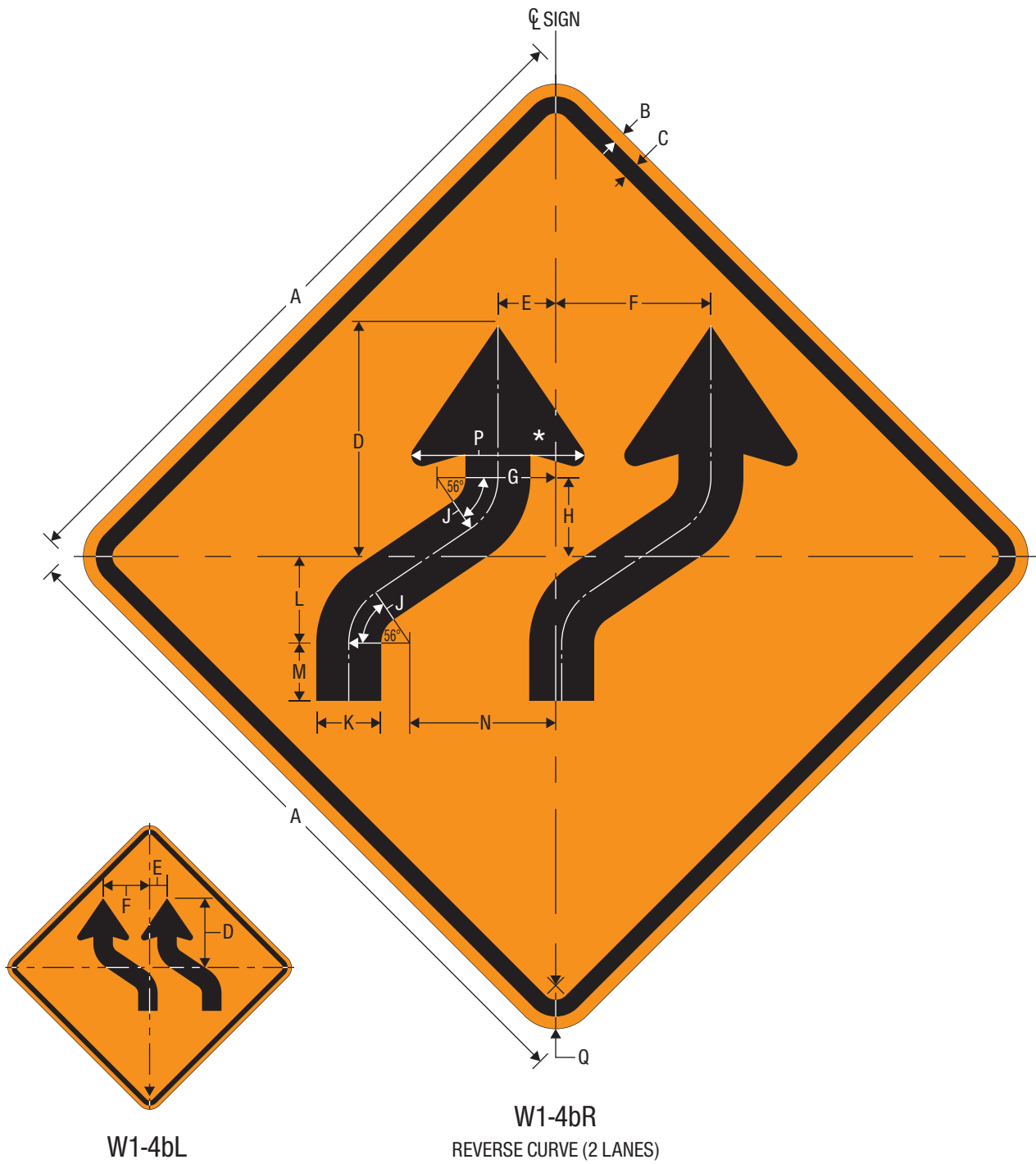
R22-2

TURN OFF 2-WAY RADIO AND CELL PHONE

A	B	C	D	E	F	G	H	J	K	L	M	N
42	36	0.625	0.875	5	7 C	4	4 C	1.5	17.976	1.071	3.25	13.655

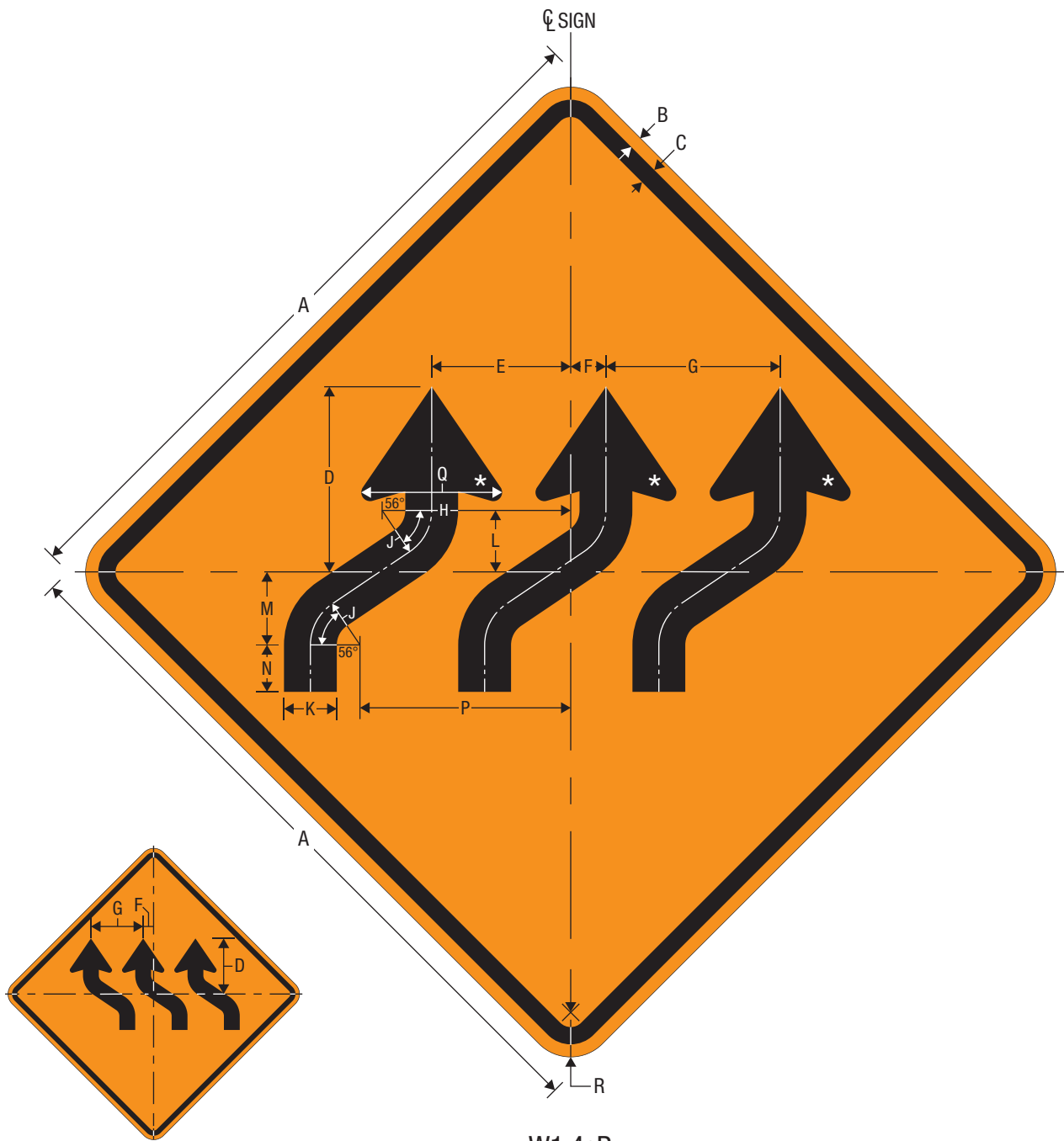
P	Q	R	S	T	U	V	W	X	Y	Z	AA
2.241	2	7.944	0.700	3	12.484	4.242	4.241	10.404	0.501	13.904	2.25

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



A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
30	0.5	0.75	10	2.5	6.719	5.139	3.412	2.639	2.813	3.75	2.5	6.319	7.5	1.875
36	0.625	0.875	12	3	8.063	6.167	4.095	3.167	3.375	4.5	3	7.583	9	2.25
48	0.75	1.25	16	4	10.75	8.222	5.460	4.222	4.5	6	4	10.111	12	3

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



W1-4cL

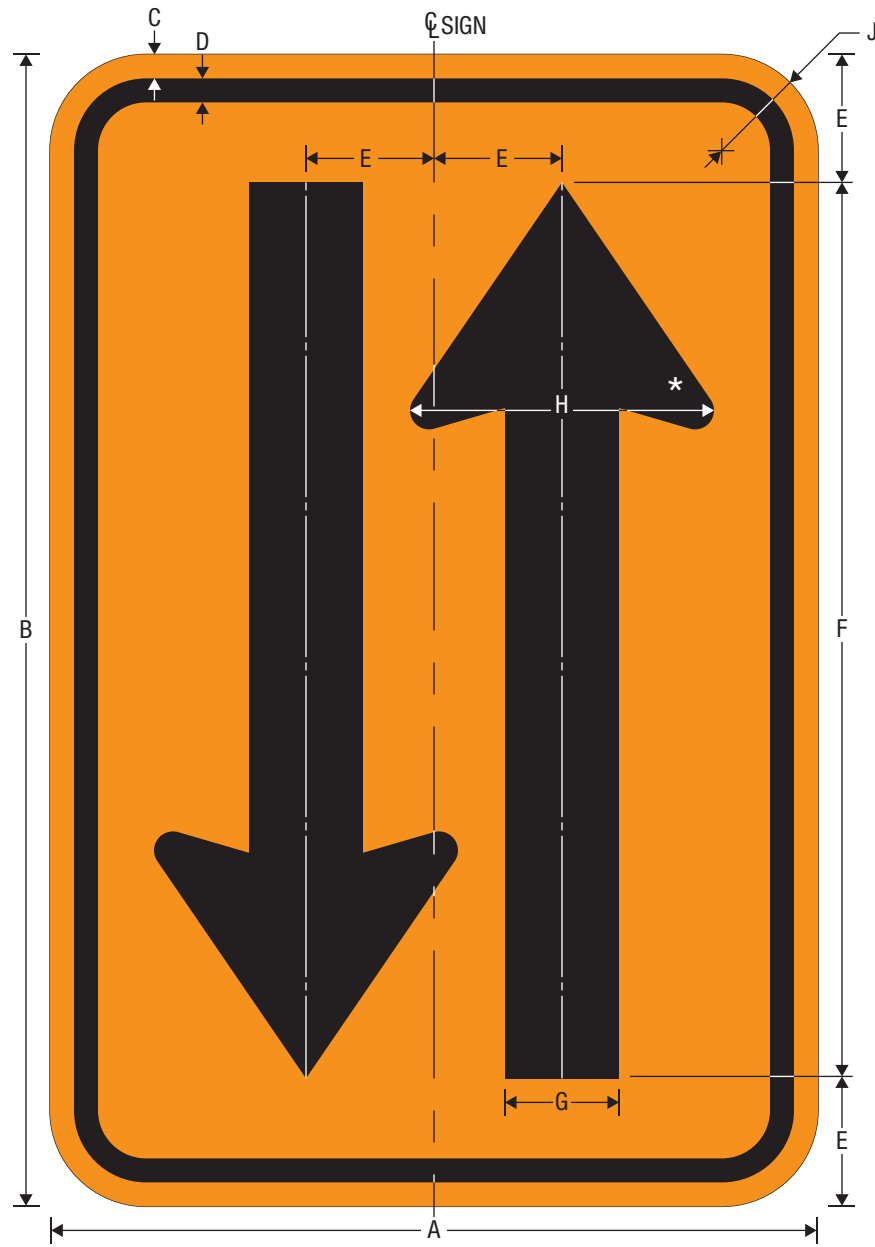
W1-4cR
REVERSE CURVE (3 LANES)

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H
30	0.5	0.75	7.813	5.859	1.484	7.344	7.948
36	0.625	0.875	9.375	7.031	1.781	8.813	9.538
48	0.75	1.25	12.5	9.375	2.375	11.75	12.718

J	K	L	M	N	P	Q	R
2.089	2.227	2.597	3.073	1.979	8.883	5.938	1.875
2.507	2.672	3.117	3.688	2.375	10.660	7.125	2.25
3.343	3.563	4.156	4.917	3.167	14.213	9.5	3

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



W6-4
NARROW TWO-WAY TRAFFIC

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
12	18	0.375	0.375	2	14	1.781	4.75	1.5

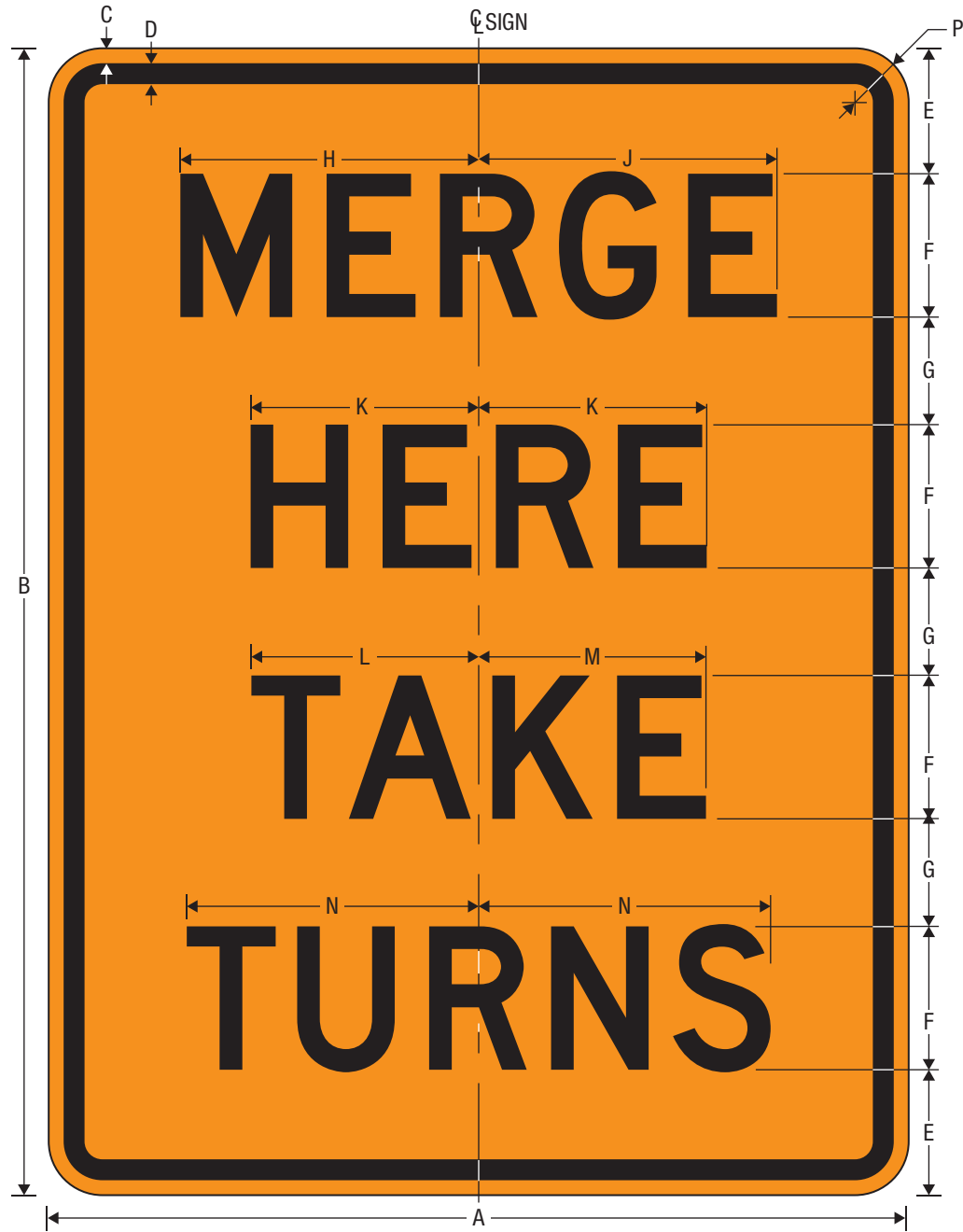
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W8-24
STEEL PLATE AHEAD

A	B	C	D	E	F	G	H	J	K	L	M	N	P
30	0.5	0.75	4 D	3	2.5	1.5	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	1.5	9	9.659	9.280	9.780	10.5	11.014	2.25
48	0.75	1.25	7 D	4.5	4.75	2.25	12.561	13.561	12.842	13.842	14.560	15.559	3

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



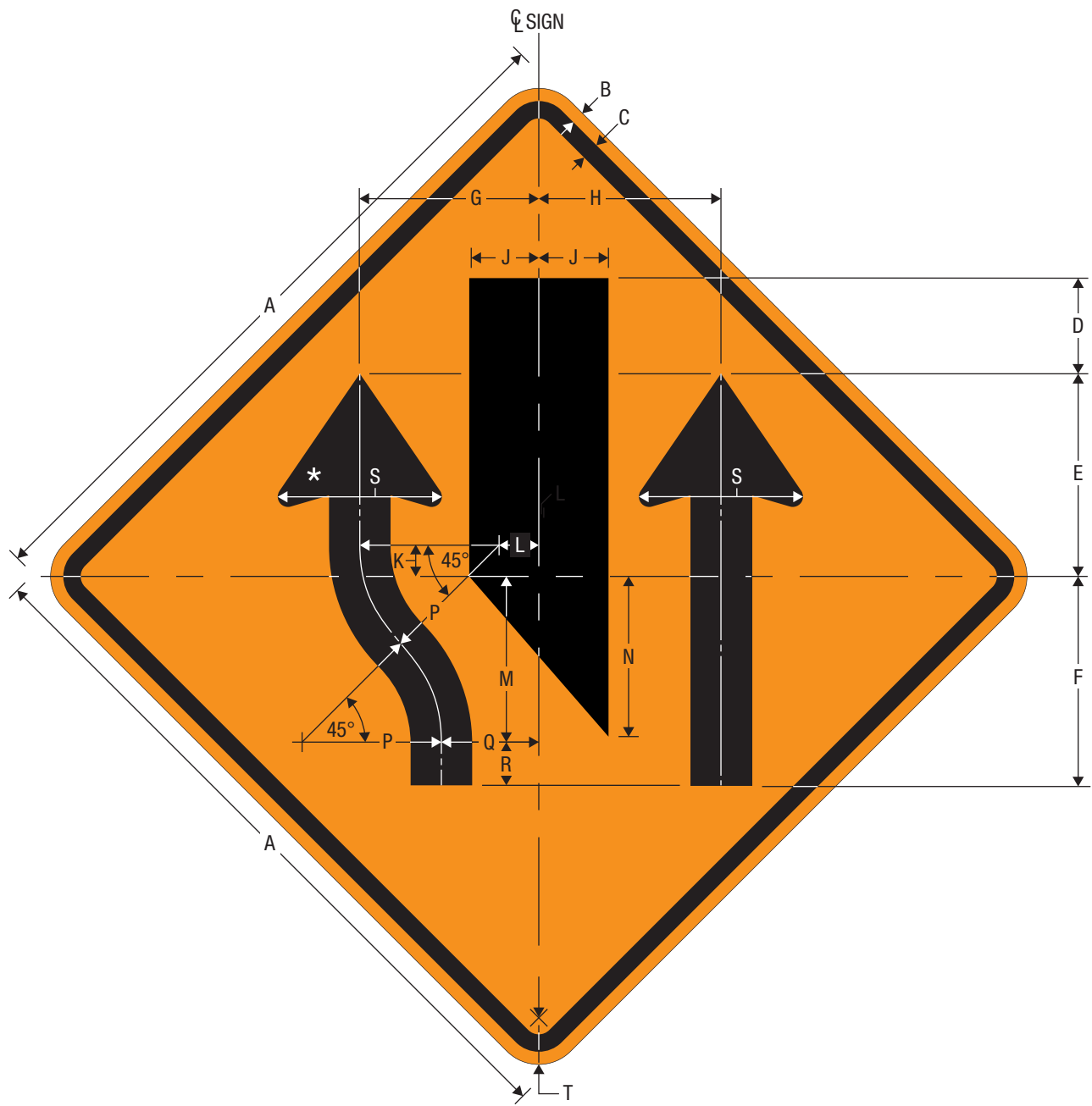
W9-2a

MERGE HERE TAKE TURNS

A	B	C	D	E	F	G
36	48	0.625	0.875	5.25	6 D	4.5

H	J	K	L	M	N	P
12.488	12.487	9.546	9.515	9.514	12.220	2.25

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



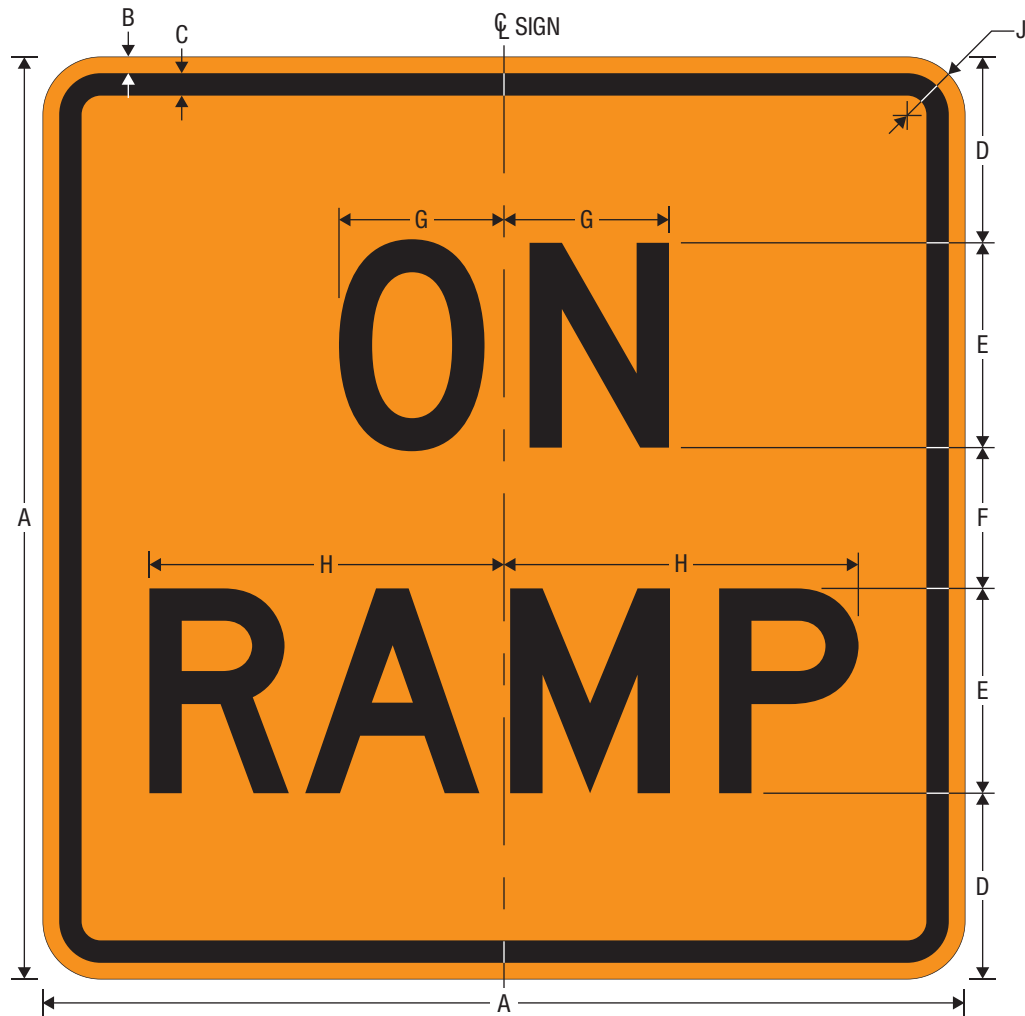
W9-3
INTERIOR LANE SHIFT AHEAD

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
30	0.5	0.75	4	8.5	8.75	7.5	7.625	2.917
36	0.625	0.875	4.8	10.2	10.5	9	9.15	3.5
48	0.75	1.25	6.4	13.6	14	12	12.2	4.667

K	L	M	N	P	Q	R	S	T
1.25	1.666	7	6.710	5.833	4.083	1.75	6.875	1.875
1.5	2	8.399	8.053	7	4.899	2.101	8.25	2.25
2	2.666	11.199	10.737	9.333	6.533	2.801	11	3

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



W13-4P
ON RAMP (PLAQUE)

A	B	C	D	E	F	G	H	J
36	0.625	0.875	7.25	8 D	5.5	6.445	13.850	2.25

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



W20-1
STREET WORK

W20-1
ROAD WORK

- * The distance legend may be either AHEAD, XX FT, OR XX MILE(S) and Series C may be substituted where spacing limitations occur due to length of word message.
- ** Reduce Spacing 30%.

A	B	C	D	E	F	G	H	J	K	L
30	0.5	0.75	4 D	2.75	2	6.705	6.705	7.005	7.004	8.606
36	0.625	0.875	5 D	3.5	2.5	8.382	8.381	8.756	8.755	10.757
48	0.75	1.25	7 D	4.75	3.5	11.734	11.734	12.258	12.258	15.060

M	N	P	Q	R	S	T	U	V	W	X
8.605	8.985	8.985	VAR	VAR	2.75	5.202	VAR	VAR	VAR	1.875
10.757	11.232	11.231	VAR	VAR	3.5	6.503	VAR	VAR	VAR	2.25
15.059	15.042**	15.041**	VAR	VAR	4	8.894	VAR	VAR	VAR	3

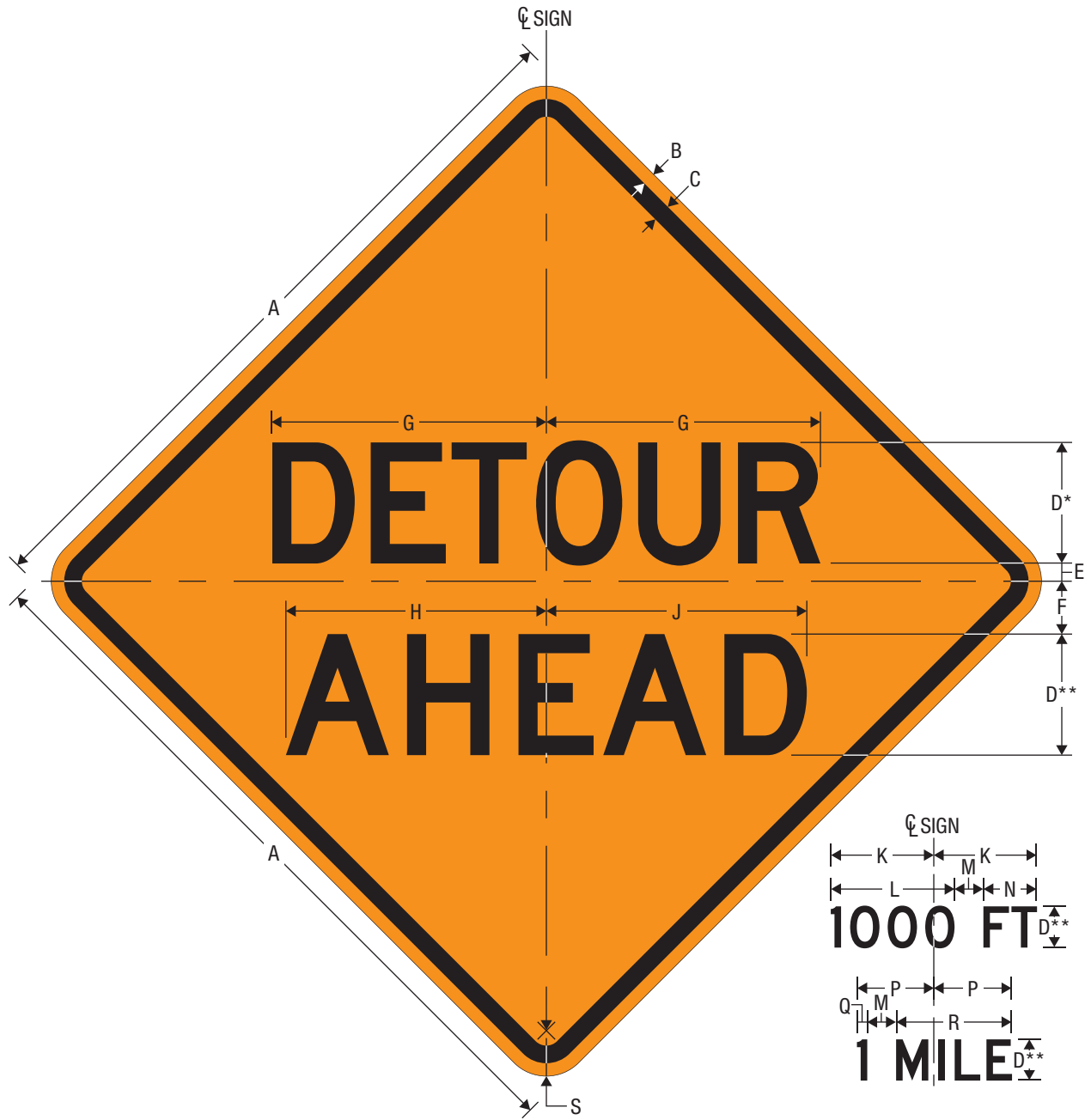
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W20-1b
PATH WORK (WITH DISTANCE)

A	B	C	D	E	F	G	H	J	K	L	M	N
30	0.5	0.75	4 D	2.75	2	6.205	6.204	7.005	7.004	8.606	8.605	1.875
36	0.625	0.875	5 D	3.5	2.5	7.756	7.755	8.756	8.755	10.757	10.757	2.25

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



W20-2
DETOUR

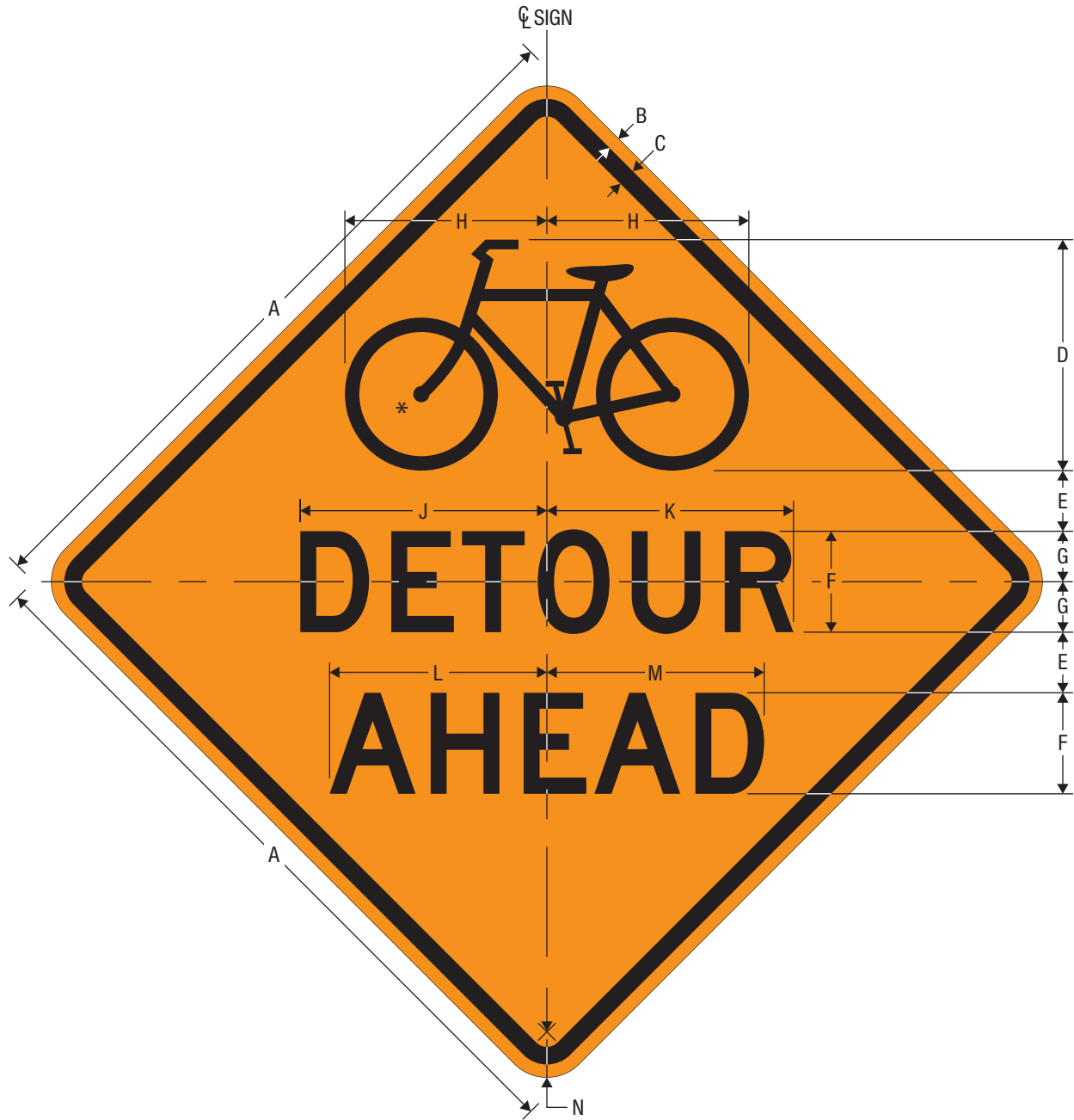
* Reduce Spacing 40%.

** The distance legend may be either AHEAD, XX FT, OR XX MILE(S) and Series C may be substituted where spacing limitations occur due to length of word message.

A	B	C	D	E	F	G	H	J
30	0.5	0.75	5 D	0.75	2.25	11.318	10.757	10.756
36	0.625	0.875	6 D	0.875	2.625	13.582	12.909	12.908
48	0.75	1.25	8 D	1.25	3.5	18.109	17.211	17.211

K	L	M	N	P	Q	R	S
VAR	VAR	3.5	6.383	VAR	VAR	VAR	1.875
VAR	VAR	4	7.659	VAR	VAR	VAR	2.25
VAR	VAR	5.5	10.212	VAR	VAR	VAR	3

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



W20-2a
BIKE DETOUR (WITH DISTANCE)

* See page 8-4 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M	N
30	0.5	0.75	9.143	2.5	4 D	2	8	9.767	9.766	8.606	8.605	1.875
36	0.625	0.875	11.429	3	5 D	2.5	10	12.208	12.208	10.757	10.757	2.25

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



W20-3
STREET CLOSED

W20-3
ROAD CLOSED

* The distance legend may be either AHEAD, XX FT, OR XX MILE(S) and Series C may be substituted where spacing limitations occur due to length of word message.
** Reduce Spacing 30%. *** Reduce Spacing 70%.

A	B	C	D	E	F	G	H	J	K	L	M
30	0.5	0.75	4 D	3	2.75	1.25	6.705	6.705	9.667	9.666	8.606
36	0.625	0.875	5 D	3.5	3.25	1.75	8.382	8.381	12.083	12.083	10.757
48	0.75	1.25	7 D	4.75	4.5	2.5	11.734	11.734	16.917	16.916	15.060

N	P	Q	R	S	T	U	V	W	X	Y
8.605	8.595**	8.595**	VAR	VAR	2.75	5.202	VAR	VAR	VAR	1.875
10.757	10.744**	10.744**	VAR	VAR	3.5	6.503	VAR	VAR	VAR	2.25
15.059	14.132***	14.131***	VAR	VAR	4	8.894	VAR	VAR	VAR	3

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



W20-3a
PATH CLOSED (WITH DISTANCE)

A	B	C	D	E	F	G	H	J	K	L	M	N	P
30	0.5	0.75	4 D	3	2.75	1.25	6.205	6.204	9.667	9.666	8.606	8.605	1.875
36	0.625	0.875	5 D	3.5	3.25	1.75	7.756	7.755	12.083	12.083	10.757	10.757	2.25

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



W20-4
ONE LANE ROAD
(WITH DISTANCE)

- * Reduce Spacing 30%.
- ** The distance legend may be either AHEAD, XX FT, OR XX MILE(S) and Series C may be substituted where spacing limitations occur due to length of word message.

A	B	C	D	E	F	G	H	J	K	L	M	N
30	0.5	0.75	4 C	1.875	1	3	4 C	8.323	2.621	0.379	10.564	5.522
36	0.625	0.875	5 C	2.25	1.25	3.75	5 C	10.404	3.276	0.474	13.205	6.903
48	0.75	1.25	7 C*	3.125	1.75	5.25	7 C	13.683	4.461	0.539	17.605	9.664

P	Q	R	S	T	U	V	W	X	Y	Z	AA
5.522	7.003	7.002	VAR	VAR	3	4.322	VAR	VAR	2.5	VAR	1.875
6.902	8.753	8.753	VAR	VAR	3.75	5.403	VAR	VAR	3.125	VAR	2.25
9.663	12.255	12.254	VAR	VAR	5	7.438*	VAR	VAR	4	VAR	3

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



W20-5L
LEFT LANE CLOSED (WITH DISTANCE)

W20-5R
RIGHT LANE CLOSED
(WITH DISTANCE)

* The distance legend may be either AHEAD, XX FT, OR XX MILE(S) and Series C may be substituted where spacing limitations occur due to length of word message.

** Reduce Spacing 30%.

A	B	C	D	E	F	G	H	J	K	L	M	N
30	0.5	0.75	4 C	1.625	12.164	0.700	2.300	10.564	8.203	8.203	7.003	7.002
36	0.625	0.875	5 C	2.5	14.140**	0.75	2.25	12.575**	10.254	10.254	8.753	8.753
48	0.75	1.25	6 C	3.5	18.246	1.050	3.450	15.846	12.305	12.304	10.504	10.504

P	Q	R	S	T	U	V	W	X	Y	Z	AA
9.644	1.960	1.040	10.564	VAR	VAR	2.75	4.322	VAR	VAR	VAR	1.875
12.055	2.075	0.925	13.205	VAR	VAR**	3	5.313**	VAR	VAR	VAR	2.25
14.466	2.940	1.560	15.846	VAR	VAR	4.5	6.483	VAR	VAR	VAR	3

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



A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
30	0.5	0.75	5 D	2.5	3.75 C	2.375	0.125	VAR	10.871**	1.684	0.504	12.050**	7.691	7.690
36	0.625	0.875	6 D	3	4.5 C	2.625	0.375	VAR	13.046**	2.020	0.605	14.460**	9.229	9.228
48	0.75	1.25	8 D	4	6 C	3.5	0.5	VAR	17.394**	2.693	0.807	19.280**	12.305	12.304

R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE
6.315	6.815	9.041	2.5	12.050**	VAR	VAR	2.5	4.052	VAR	VAR	2.5	VAR	1.875
7.628	8.128	10.850	2.625	14.460**	VAR	VAR	2.625	4.862	VAR	VAR	3.125	VAR	2.25
10.258	10.75	14.466	3.5	19.280**	VAR	VAR	3.5	6.483	VAR	VAR	4	VAR	3

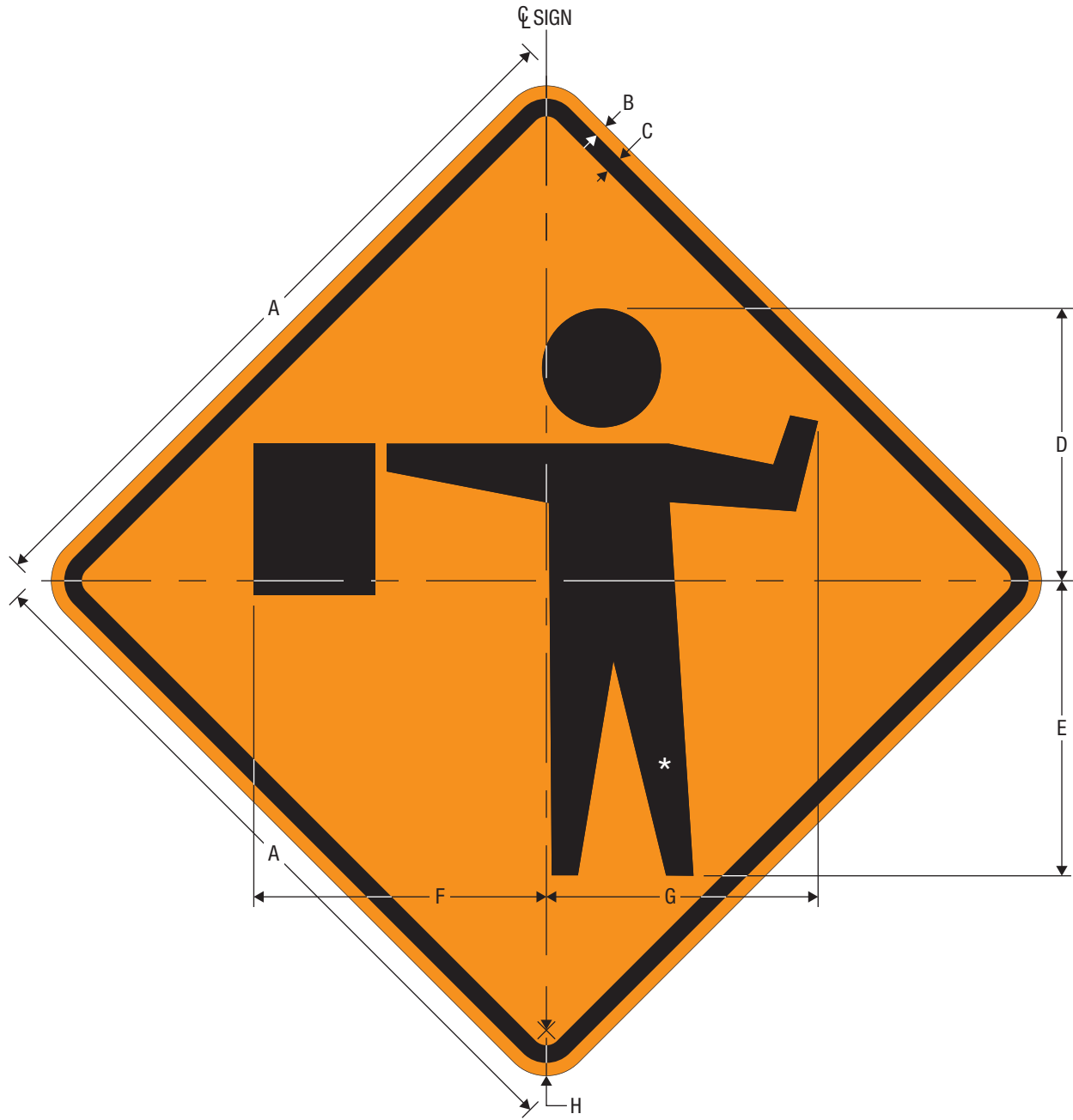
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W20-5b
BIKE LANE CLOSED (WITH DISTANCE)

A	B	C	D	E	F	G	H	J	K	L	M	N
30	0.5	0.75	4 C	2.25	9.323	2.121	0.879	10.564	8.203	6.753	7.252	1.875
36	0.625	0.875	5 C	2.75	11.654	2.651	1.094	13.205	10.254	8.378	9.128	2.25

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

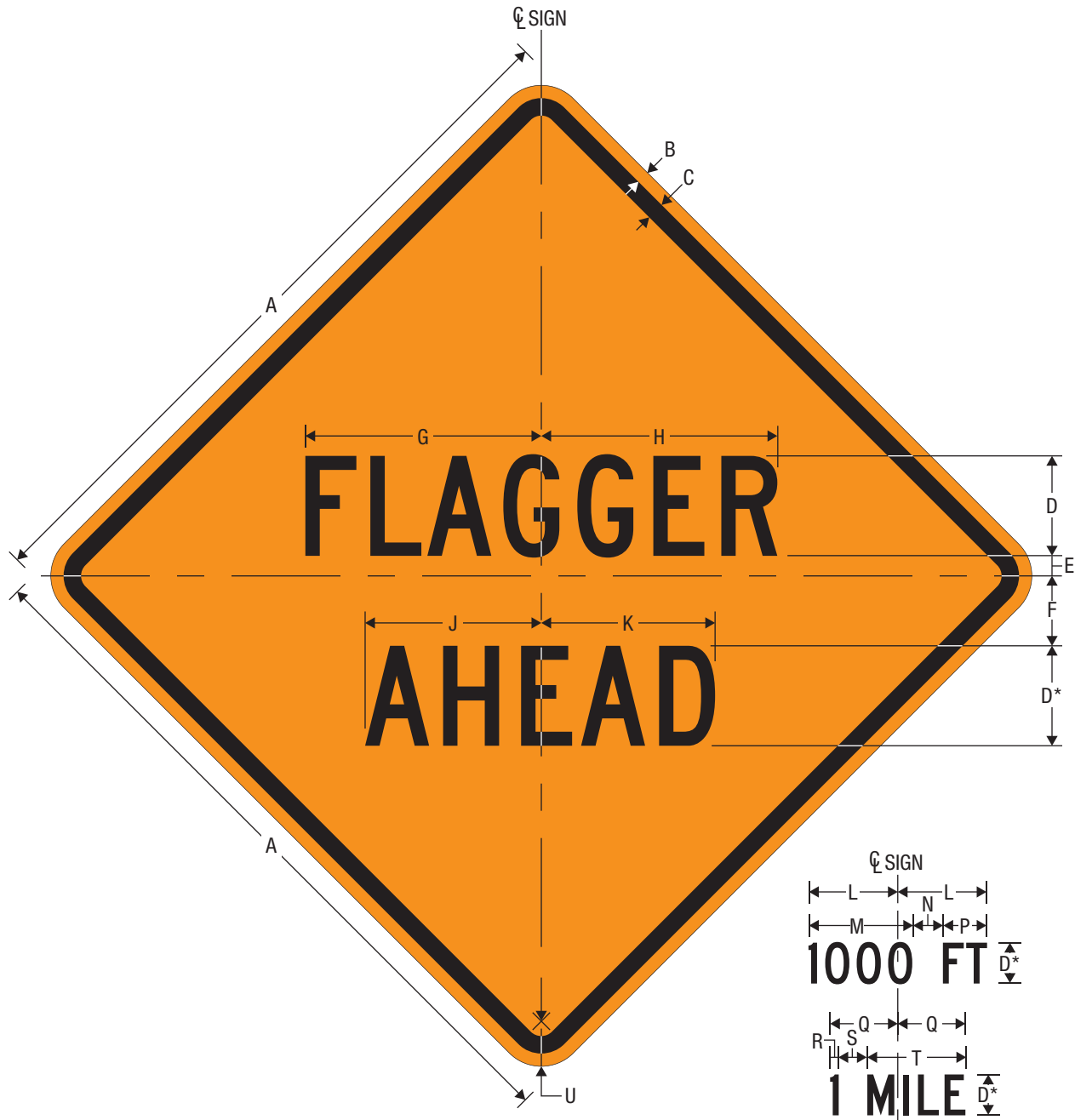


W20-7
FLAGGER

* See page 8-49 for symbol design.

A	B	C	D	E	F	G	H
30	0.5	0.75	11.25	12.125	12	11.243	1.875
36	0.625	0.875	13.5	14.625	14.5	13.467	2.25
48	0.75	1.25	18	19.5	19.25	18.038	3

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



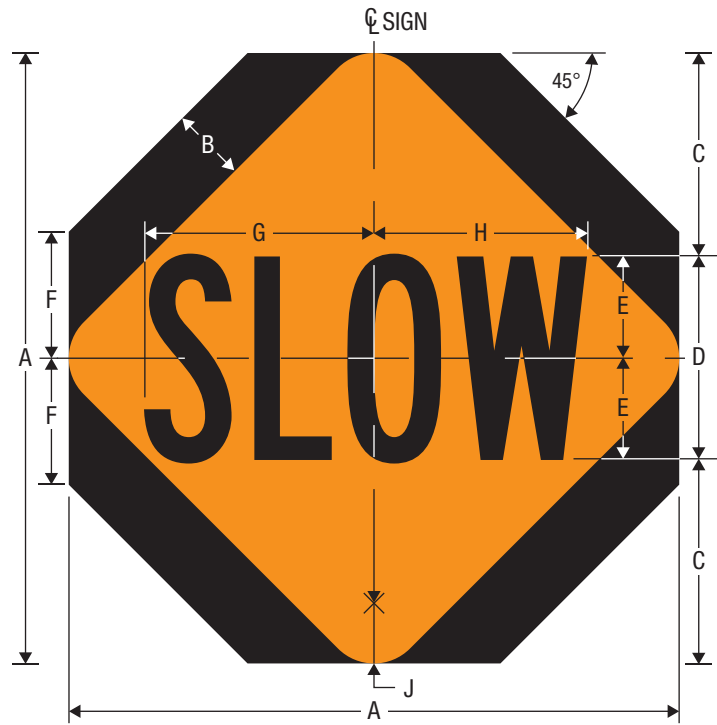
W20-7a
FLAGGER

* The distance legend may be either AHEAD, XX FT, OR XX MILE(S) and Series C may be substituted where spacing limitations occur due to length of word message.

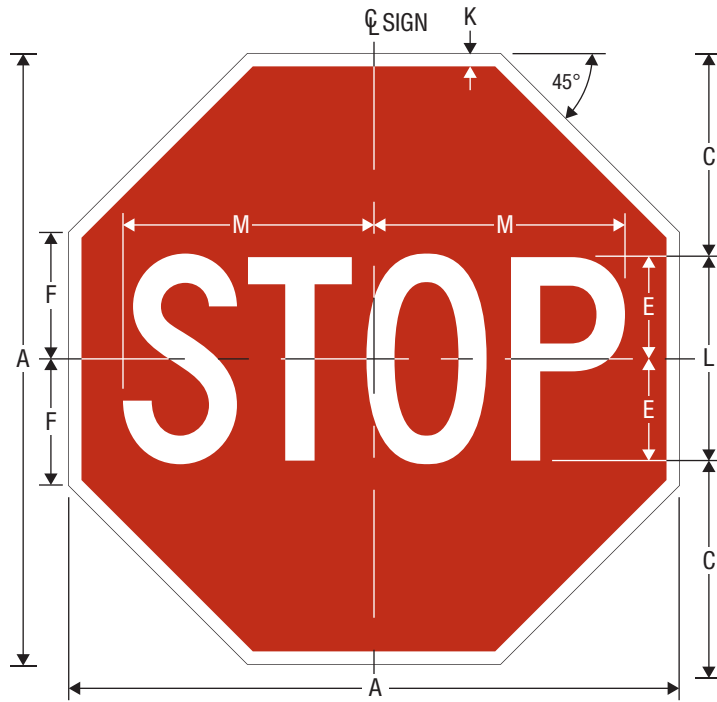
A	B	C	D	E	F	G	H	J	K
30	0.5	0.75	4 C	0.875	2.875	9.444	9.443	7.003	7.002
36	0.625	0.875	5 C	1	3.5	11.805	11.804	8.753	8.753
48	0.75	1.25	7 C	2.5	3.75	16.526	16.526	12.255	12.254

L	M	N	P	Q	R	S	T	U
VAR	VAR	2.5	4.322	VAR	VAR	2.5	VAR	1.875
VAR	VAR	3.125	5.403	VAR	VAR	3.125	VAR	2.25
VAR	VAR	4.375	7.563	VAR	VAR	4	VAR	3

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



W20-8
SLOW (ON STOP/SLOW PADDLE)



R1-1
STOP (ON STOP/SLOW PADDLE)

* Reduce Spacing 30%.

** Reduce Spacing 40%.

A	B	C	D	E	F	G	H	J	K	L	M
18	2.197	6	6 B*	3	3.728	6.781	6.281	1.5	0.375	6 C**	7.401

SLOW

COLORS: LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)
AREA OUTSIDE DIAMOND — BLACK

STOP

COLORS: LEGEND, BORDER — WHITE (RETROREFLECTIVE)
BACKGROUND — RED (RETROREFLECTIVE)



W21-1
WORKERS

* See page 8-72 for symbol design.

A	B	C	D	E	F	G	H
30	0.5	0.75	14	10	8.875	12.229	1.875
36	0.625	0.875	16.875	12	10.75	14.641	2.25
48	0.75	1.25	22.375	16	14.25	19.495	3

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



W21-1a
WORKERS

A	B	C	D	E	F	G
30	0.5	0.75	5 D	2.5	14.810	1.875
36	0.625	0.875	6 D	3	17.772	2.25
48	0.75	1.25	8 D	4	23.696	3

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



A	B	C	D	E	F	G	H	J	K
30	0.5	0.75	6 D	4	11.619	11.618	5.853	5.852	1.875
36	0.625	0.875	7 D	5	13.555	13.554	6.828	6.827	2.25
48	0.75	1.25	8 D	6	15.491	15.491	7.803	7.803	3

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



A	B	C	D	E	F	G	H	J	K
30	0.5	0.75	6 D	4	11.619	11.618	7.085	7.084	1.875
36	0.625	0.875	7 D	5	13.555	13.554	8.266	8.265	2.25
48	0.75	1.25	8 D	6	15.491	15.491	9.446	9.446	3

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

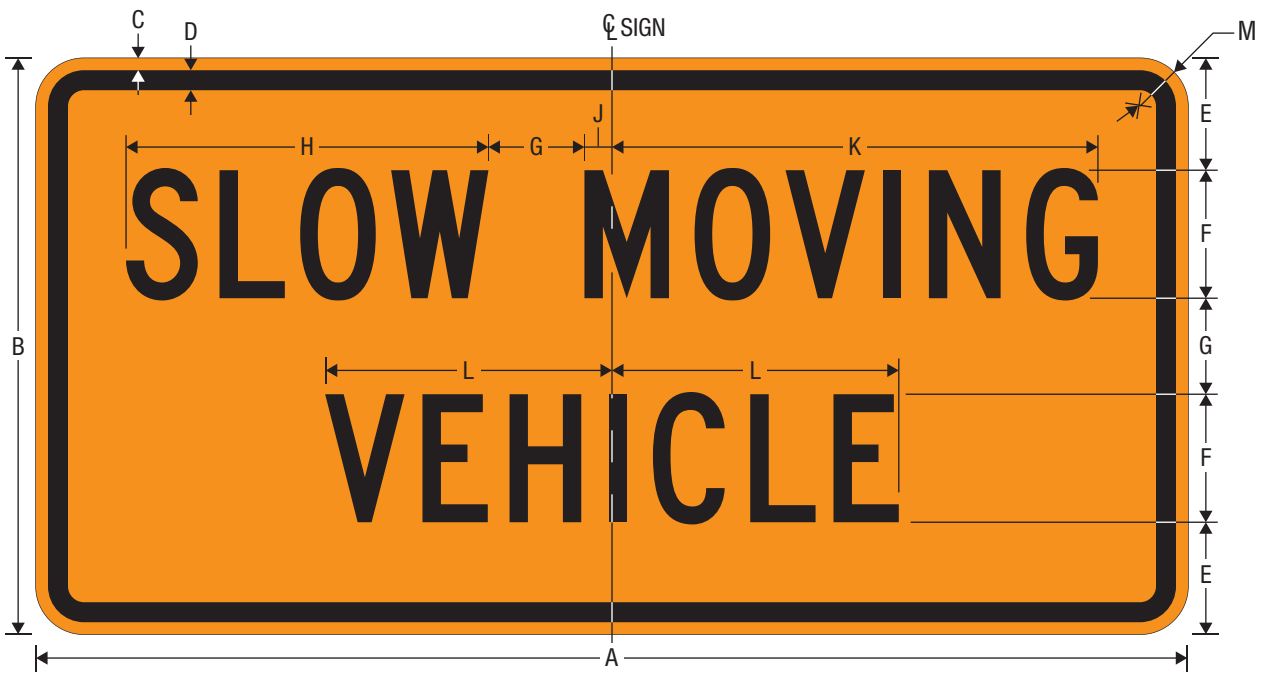


W21-3
ROAD MACHINERY AHEAD

* Reduce Spacing 40%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
30	0.5	0.75	4 D	3.5	4 D*	2	6.705	6.705	13.754	13.753	8.606	8.605	1.875
36	0.625	0.875	5 D	4	5 D*	2.5	8.382	8.381	17.192	17.192	10.757	10.757	2.25
48	0.75	1.25	7 D	3.5	7 D*	3.5	11.734	11.734	24.069	24.068	15.060	15.059	3

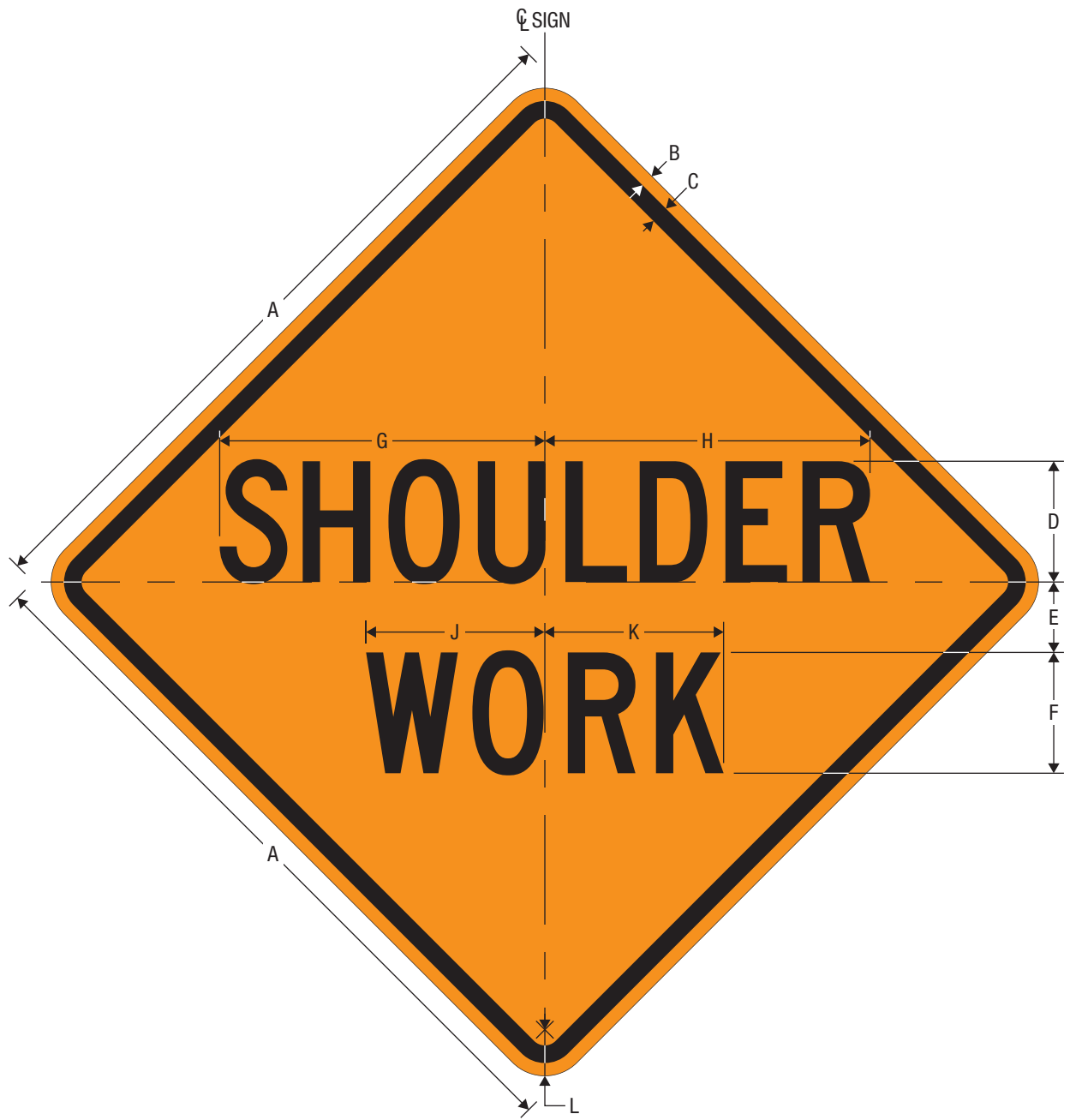
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W21-4
SLOW MOVING VEHICLE

A	B	C	D	E	F	G	H	J	K	L	M
36	18	0.375	0.625	3.5	4 C	3	11.325	0.861	15.185	8.963	1.5

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

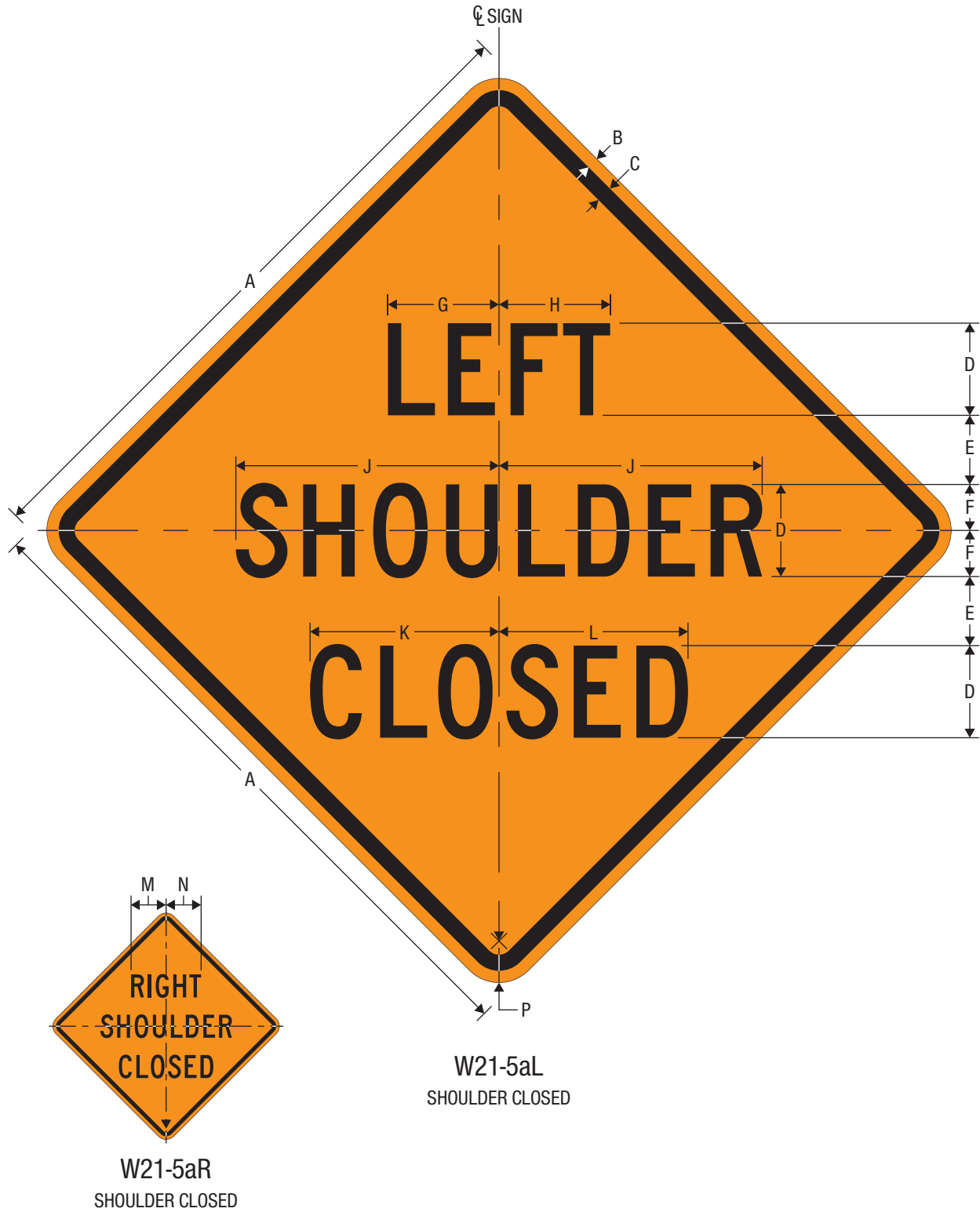


W21-5
SHOULDER WORK

* Reduce Spacing 25%.

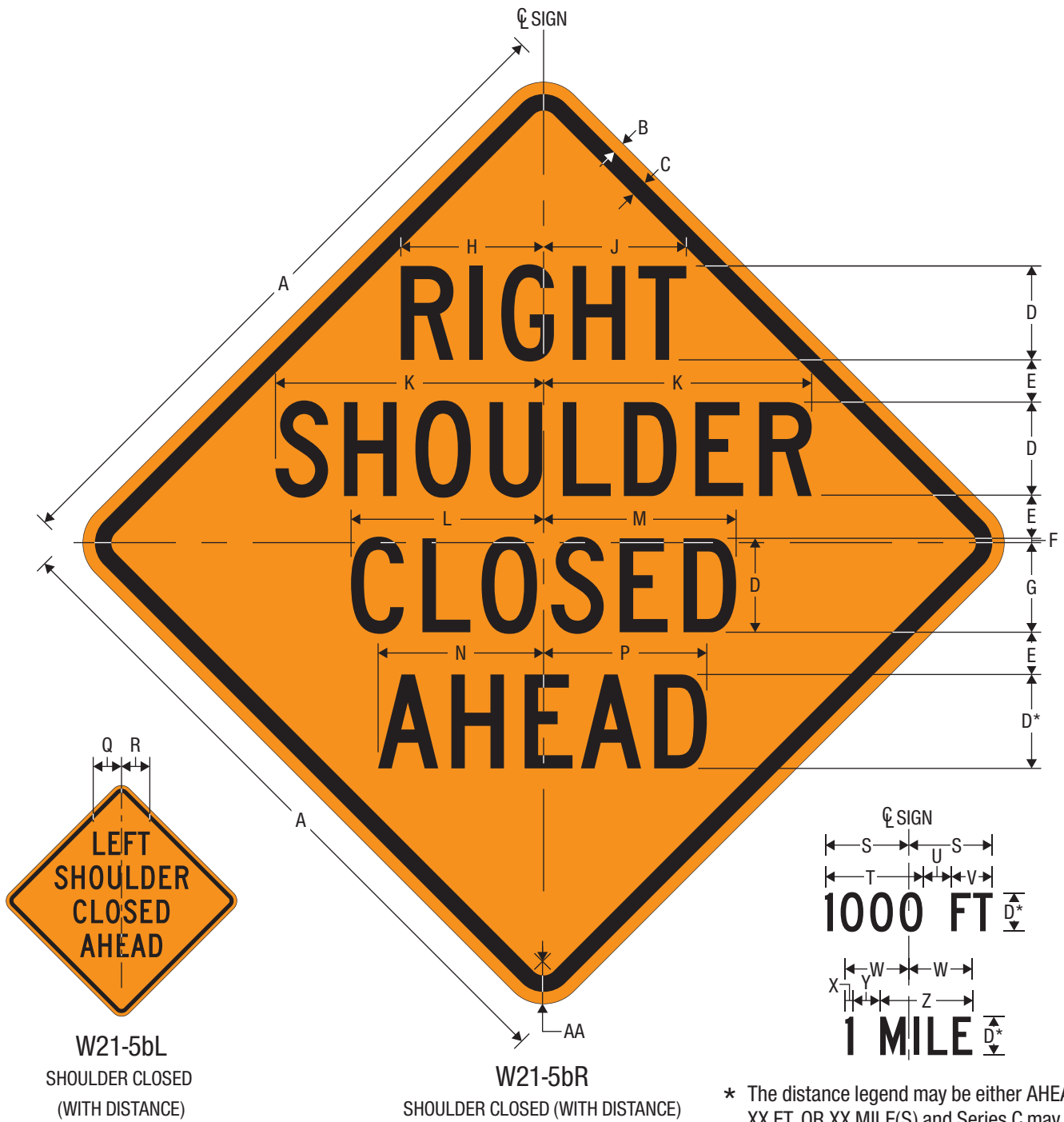
A	B	C	D	E	F	G	H	J	K	L
30	0.5	0.75	5 C*	3	5 C	13.468	13.467	7.403	7.403	1.875
36	0.625	0.875	6 C*	3.5	6 C	16.161	16.161	8.884	8.884	2.25
48	0.75	1.25	7 C*	5	7 C	18.855	18.854	10.365	10.364	3

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



A	B	C	D	E	F	G	H	J	K	L	M	N	P
30	0.5	0.75	4 C	2.75	2	4.822	4.822	11.424	8.203	8.203	6.082	6.082	1.875
36	0.625	0.875	5 C	3.75	2.5	6.028	6.027	14.280	10.254	10.254	7.603	7.602	2.25
48	0.75	1.25	7 C	4.75	3.5	8.439	8.438	19.992	14.356	14.355	10.644	10.643	3

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



* The distance legend may be either AHEAD, XX FT, OR XX MILE(S) and Series C may be substituted where spacing limitations occur due to length of word message.

A	B	C	D	E	F	G	H	J	K	L	M	N
30	0.5	0.75	4 C	2	0.25	3.75	6.082	6.082	11.424	8.203	8.203	7.003
36	0.625	0.875	5 C	2.25	0.25	4.75	7.603	7.602	14.280	10.254	10.254	8.753
48	0.75	1.25	6 C	3	0.25	5.75	9.123	9.123	17.136	12.305	12.305	10.504

P	Q	R	S	T	U	V	W	C	Y	Z	AA
7.002	4.822	4.822	VAR	VAR	2.75	4.322	VAR	VAR	3	VAR	1.875
8.753	6.028	6.027	VAR	VAR	3.5	5.403	VAR	VAR	3.5	VAR	2.25
10.504	7.233	7.233	VAR	VAR	4.25	6.483	VAR	VAR	4	VAR	3

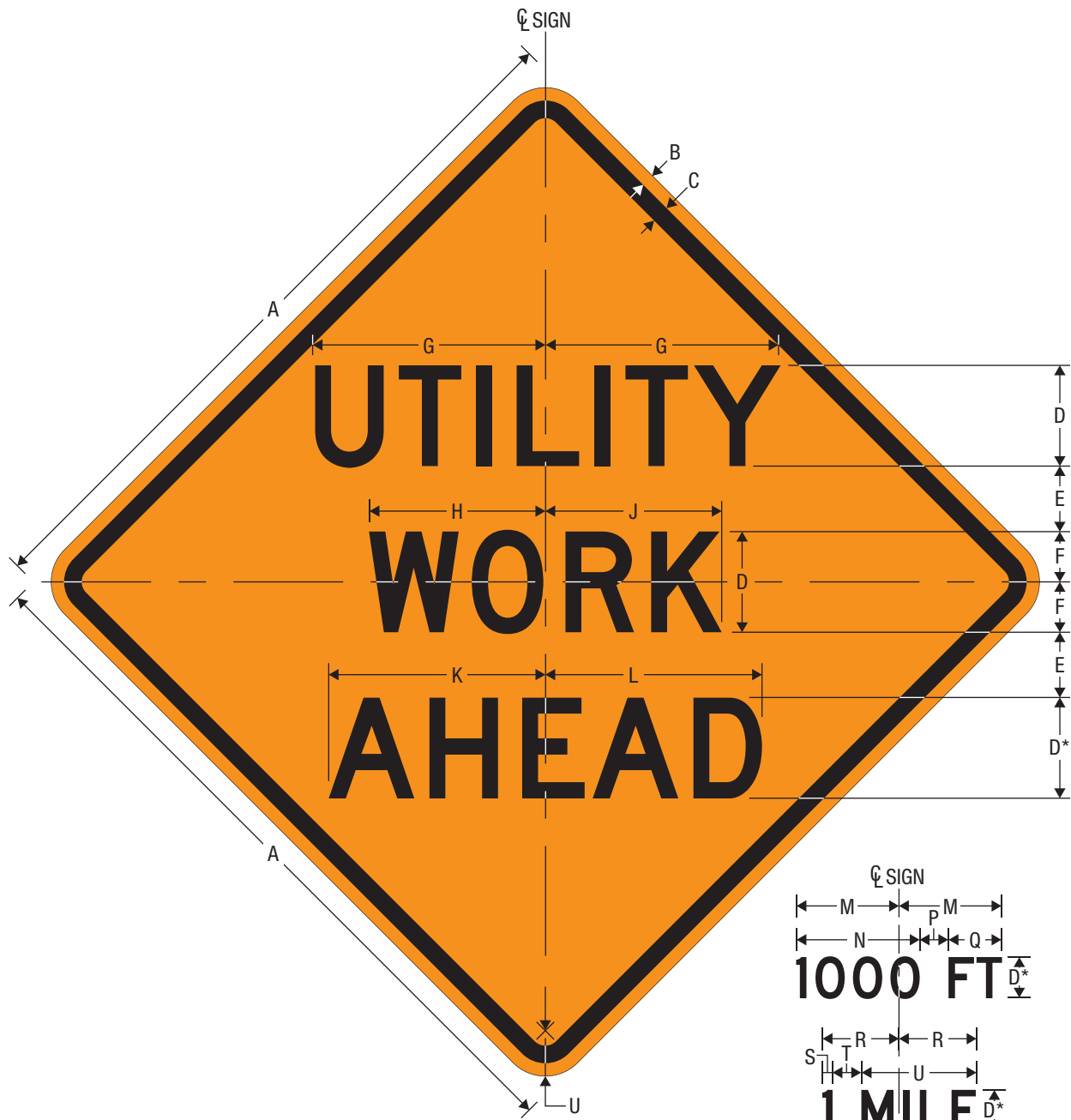
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W21-6
SURVEY CREW

A	B	C	D	E	F	G	H	J	K
30	0.5	0.75	5 D	3	12.509	12.509	8.356	8.355	1.875
36	0.625	0.875	6 D	3.5	15.011	15.010	10.027	10.027	2.25
48	0.75	1.25	8 D	4.75	20.014	20.014	13.369	13.369	3

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



W21-7
UTILITY WORK
(WITH DISTANCE)

* The distance legend may be either AHEAD, XX FT, OR XX MILE(S) and Series C may be substituted where spacing limitations occur due to length of word message.

** Reduce Spacing 50%.

A	B	C	D	E	F	G	H	J	K
30	0.5	0.75	4 D	2.75	2	9.244	7.005	7.004	8.606
36	0.625	0.875	5 D	3.25	2.5	11.555	8.756	8.755	10.757
48	0.75	1.25	7 D**	3.75	3.5	14.602	12.258	12.258	15.060

L	M	N	P	Q	R	S	T	U
8.605	VAR	VAR	2.75	5.202	VAR	VAR	3	1.875
10.757	VAR	VAR	3.5	6.353	VAR	VAR	3.5	2.25
15.059	VAR	VAR**	4	8.894**	VAR	VAR	4	3

COLORS: LEGEND, BORDER — 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	N	P
30	0.5	0.75	4 C	2.5	0.75	3.25	9.774	10.273	5.582	5.582	6.753	7.252	1.875
36	0.625	0.875	5 C	3	1	4	12.280	12.779	6.978	6.977	8.253	9.253	2.25
48	0.75	1.25	7 C	4	1.25	5.75	17.041	18.041	9.769	9.768	11.755	12.754	3

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

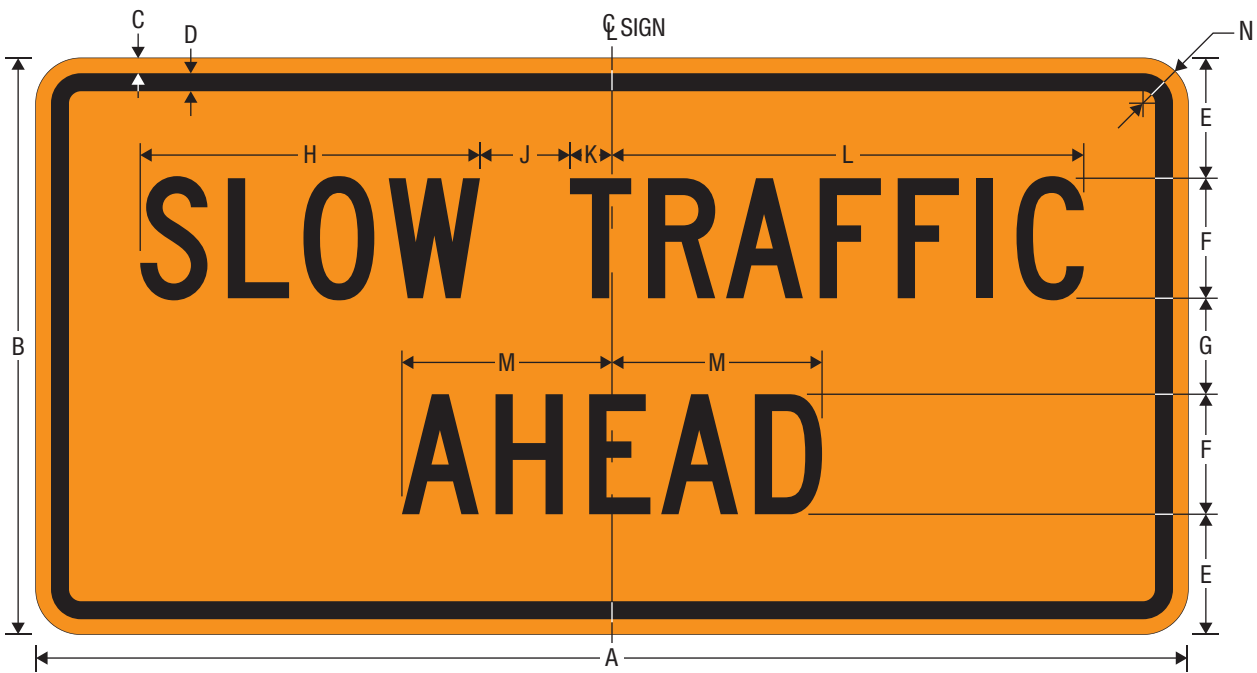


W22-3
END BLASTING ZONE

A	B	C	D	E	F	G
36	30	0.5	0.75	3.25	6 C	2.75
42	36	0.625	0.875	4.25	7 C	3.25

H	J	K	L	M	N	P
6.063	6.062	15.036	15.035	8.373	8.373	1.875
7.073	7.072	17.541	17.541	9.769	9.768	2.25

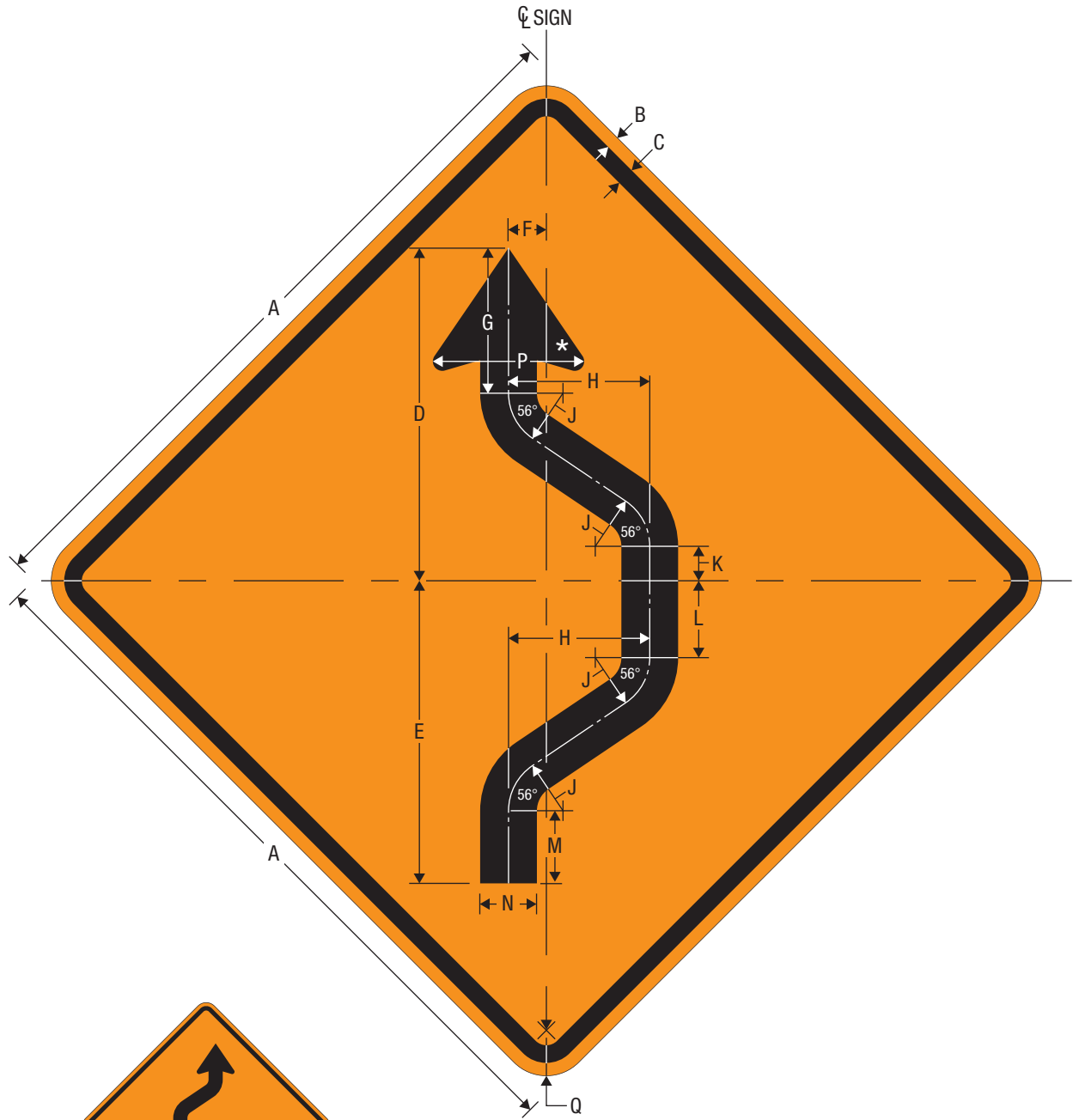
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W23-1
SLOW TRAFFIC AHEAD

A	B	C	D	E	F	G	H	J	K	L	M	N
48	24	0.625	0.75	5	5 C	4	14.156	3.75	1.751	19.657	8.753	1.875

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



W24-1R

DOUBLE REVERSE CURVE (1 LANE)

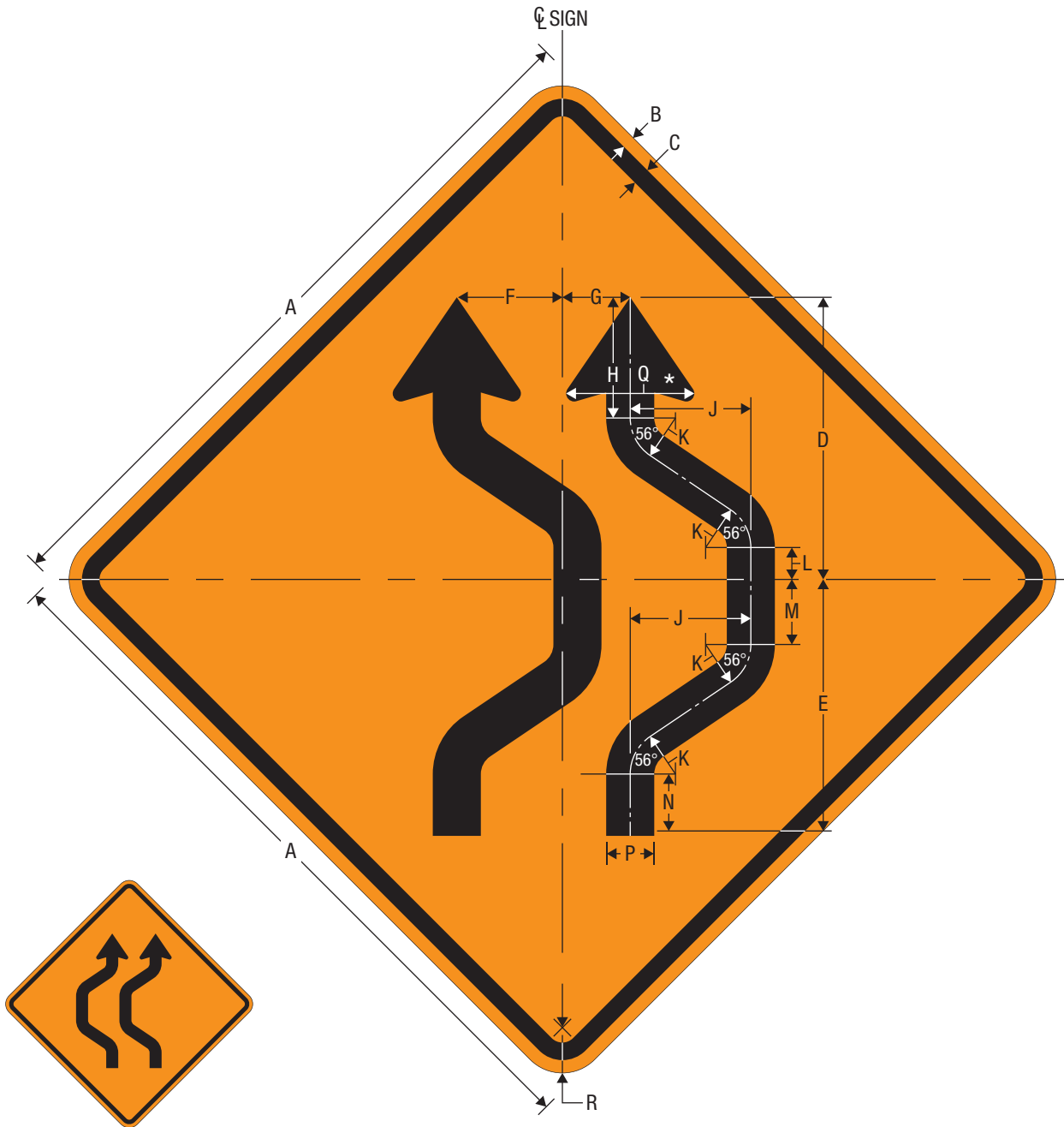
W24-1L

DOUBLE REVERSE CURVE (1 LANE)

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
30	0.5	0.75	13.75	12.5	1.563	6	5.833	2.25	1.423	3.173	3	2.344	6.25	1.875
36	0.625	0.875	16.5	15	1.875	7.200	7	2.700	1.708	3.808	3.6	2.813	7.5	2.25
48	0.75	1.25	22	20	2.5	9.600	9.333	3.600	2.277	5.077	4.8	3.75	10	3

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



W24-1aL

DOUBLE REVERSE CURVE (2 LANES)

W24-1aR

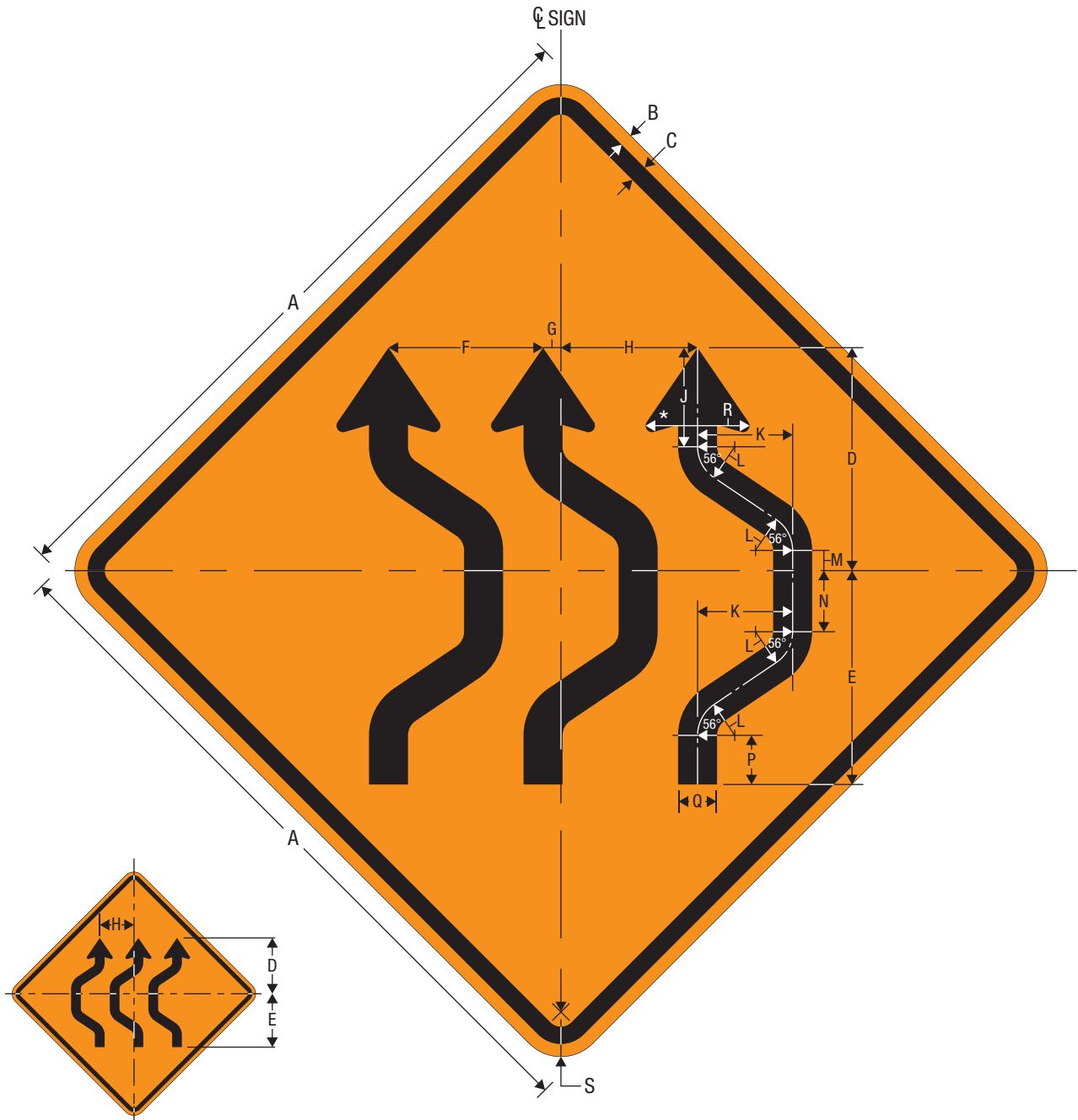
DOUBLE REVERSE CURVE (2 LANES)

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H
30	0.5	0.75	11.688	10.625	4.375	2.813	5
36	0.625	0.875	14.025	12.75	5.25	3.375	6
48	0.75	1.25	18.700	17	7	4.5	8

J	K	L	M	N	P	Q	R
5	1.875	1.321	2.696	2.563	1.992	5.313	1.875
6	2.25	1.585	3.235	3.075	2.391	6.375	2.25
8	3	2.114	4.314	4.100	3.188	8.5	3

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



W24-1bL

DOUBLE REVERSE CURVE (3 LANES)

W24-1bR

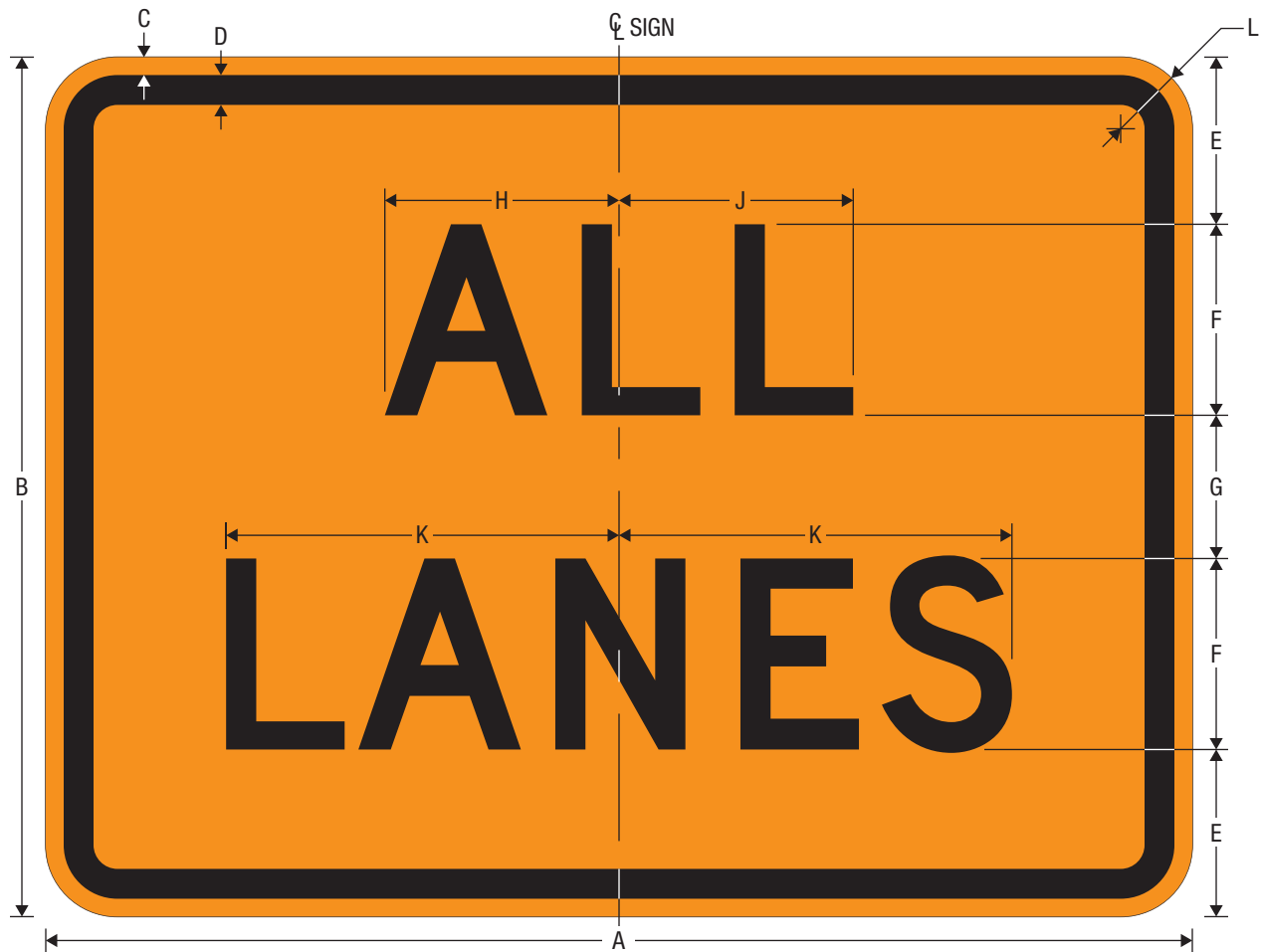
DOUBLE REVERSE CURVE (3 LANES)

* See page 7-3 for arrow design.

A	B	C	D	E	F	G	H	J
30	0.5	0.75	9.375	9	6.5	0.75	5.75	4.167
36	0.625	0.875	11.25	10.800	7.800	0.900	6.900	5
48	0.75	1.25	15	14.400	10.400	1.200	9.200	6.667

K	L	M	N	P	Q	R	S
4	1.563	0.849	2.574	2.067	1.641	4.375	1.875
4.800	1.875	1.018	3.088	2.480	1.969	5.25	2.25
6.400	2.5	1.358	4.118	3.307	2.625	7	3

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



W24-1cP
ALL LANES (PLAQUE)

* Increase Spacing 20%.

** Increase Spacing 50%.

A	B	C	D	E	F	G	H	J	K	L
24	18	0.375	0.625	3.5	4 D*	3	4.902	4.902	8.225	1.5
30	24	0.375	0.625	4.125	6 C**	3.75	6.243	6.242	10.774	1.5

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



E5-2
EXIT OPEN

A	B	C	D	E	F	G	H	J	K
48	36	0.625	0.875	7	8 E	6	12.242	15.246	2.25

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



E5-2a
EXIT CLOSED

A	B	C	D	E	F	G	H	J	K	L
48	36	0.625	0.875	7	8 E	6	8 D	12.242	19.333	2.25

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



E5-3
EXIT ONLY

A	B	C	D	E	F	G	H	J	K
48	36	0.625	0.875	7	8 E	6	12.242	15.967	2.25

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



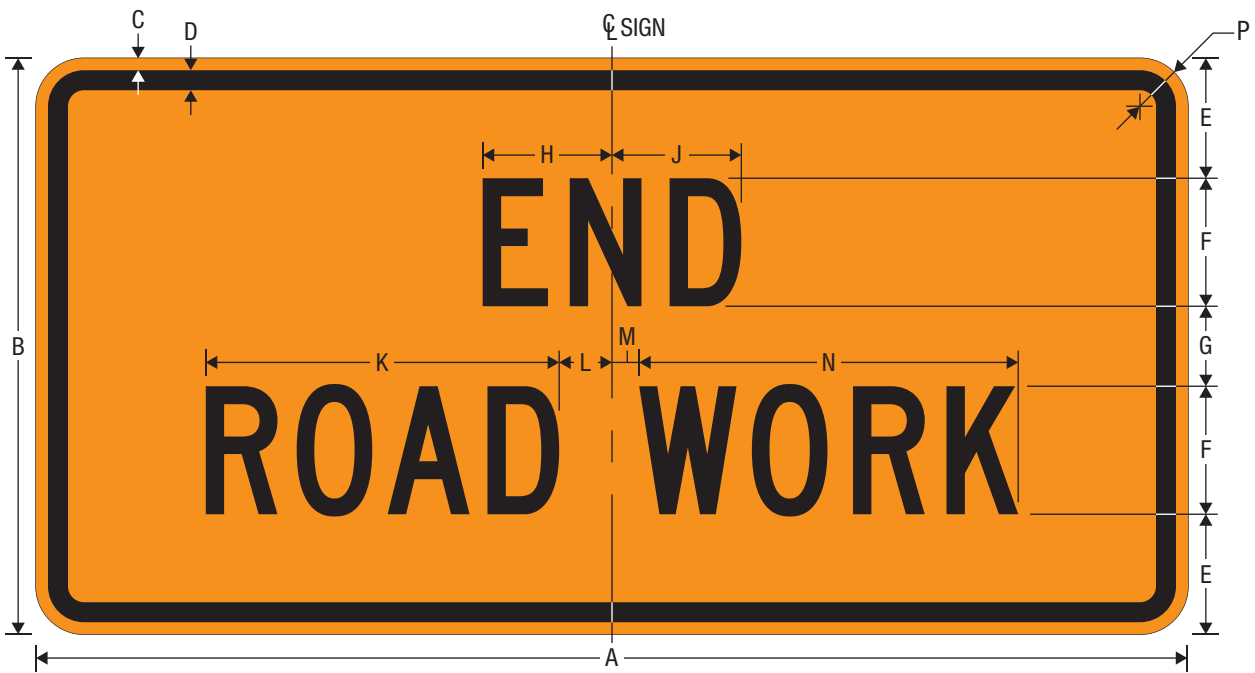
G20-1

ROAD WORK NEXT XX MILES

A	B	C	D	E	F	G	H
36	18	0.375	0.625	3.75	4 C	2.5	11.044
48	24	0.625	0.75	5	5 C	4	13.805

J	K	L	M	N	P	Q	R
1.651	0.849	11.845	10.164	2.5	VAR	12.325	1.5
2.501	1.499	14.806	12.705	4	VAR	15.406	1.875

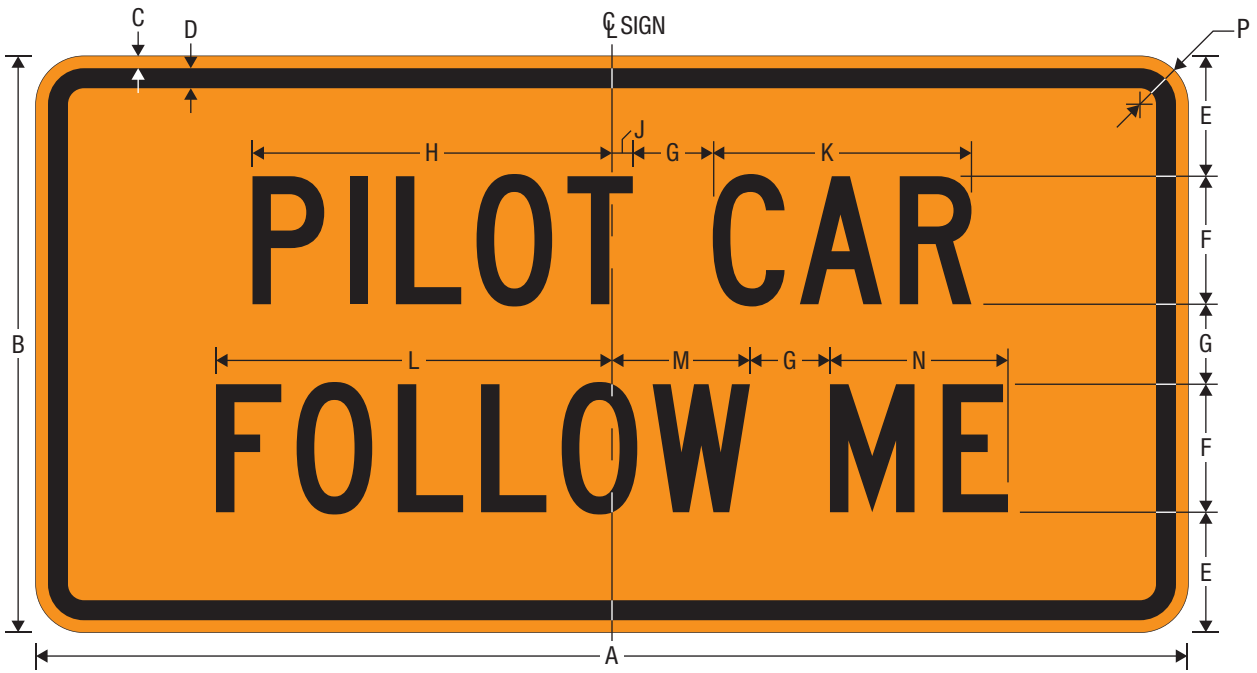
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



G20-2
END ROAD WORK

A	B	C	D	E	F	G	H	J	K	L	M	N	P
36	18	0.375	0.625	3.75	4 C	2.5	4.042	4.041	11.044	1.651	0.849	11.845	1.5
48	24	0.625	0.75	5	5 C	4	5.052	5.052	13.805	2.501	1.499	14.806	1.875

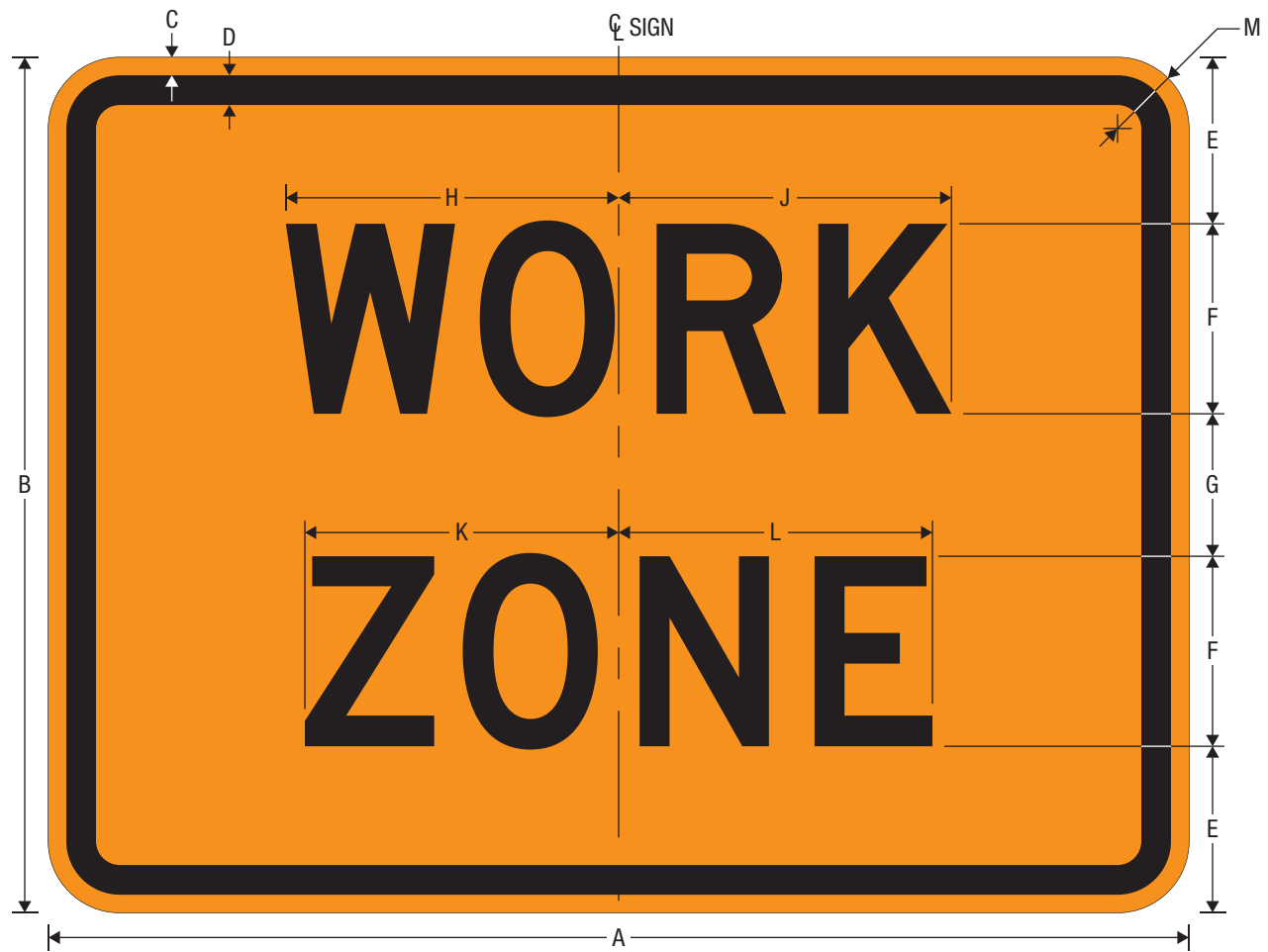
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



G20-4
PILOT CAR FOLLOW ME

A	B	C	D	E	F	G	H	J	K	L	M	N	P
36	18	0.375	0.625	3.75	4 C	2.5	11.234	0.650	8.083	12.375	4.312	5.563	1.5

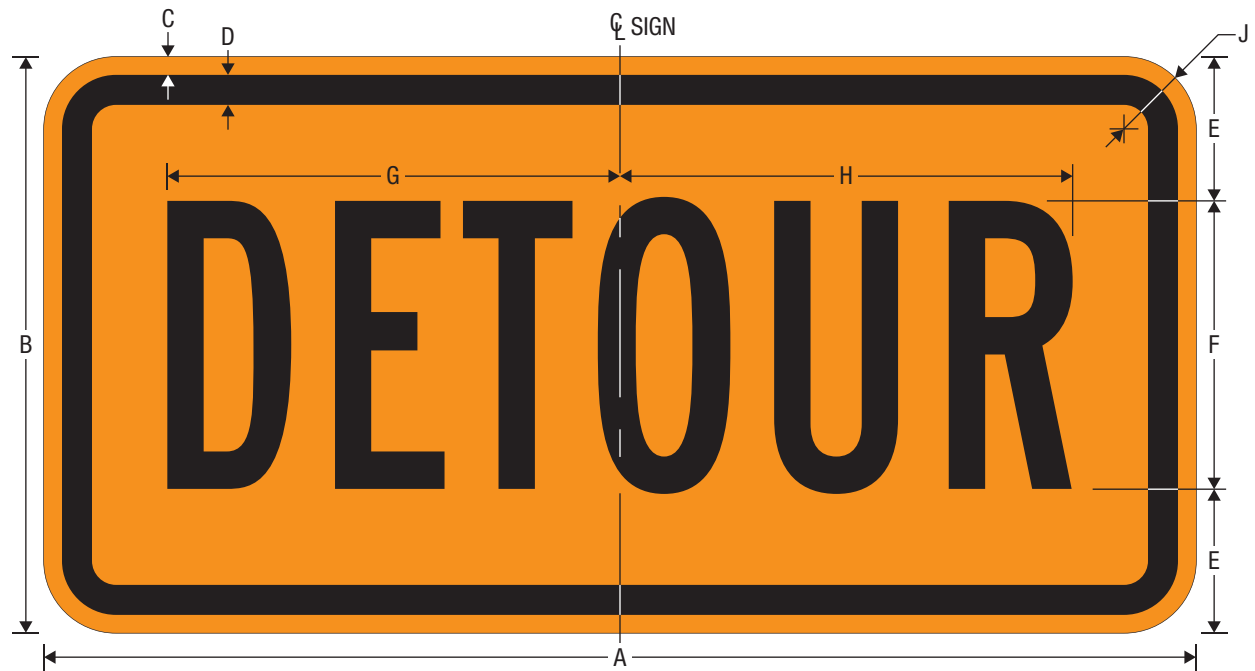
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



G20-5aP
WORK ZONE (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M
24	18	0.375	0.625	3.5	4 D	3	7.005	7.004	6.605	6.604	1.5
36	24	0.375	0.625	4.125	6 D	3.75	10.507	10.507	9.907	9.907	1.5
48	36	0.625	0.875	7	8 D	6	14.009	14.009	13.209	13.209	2.25

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



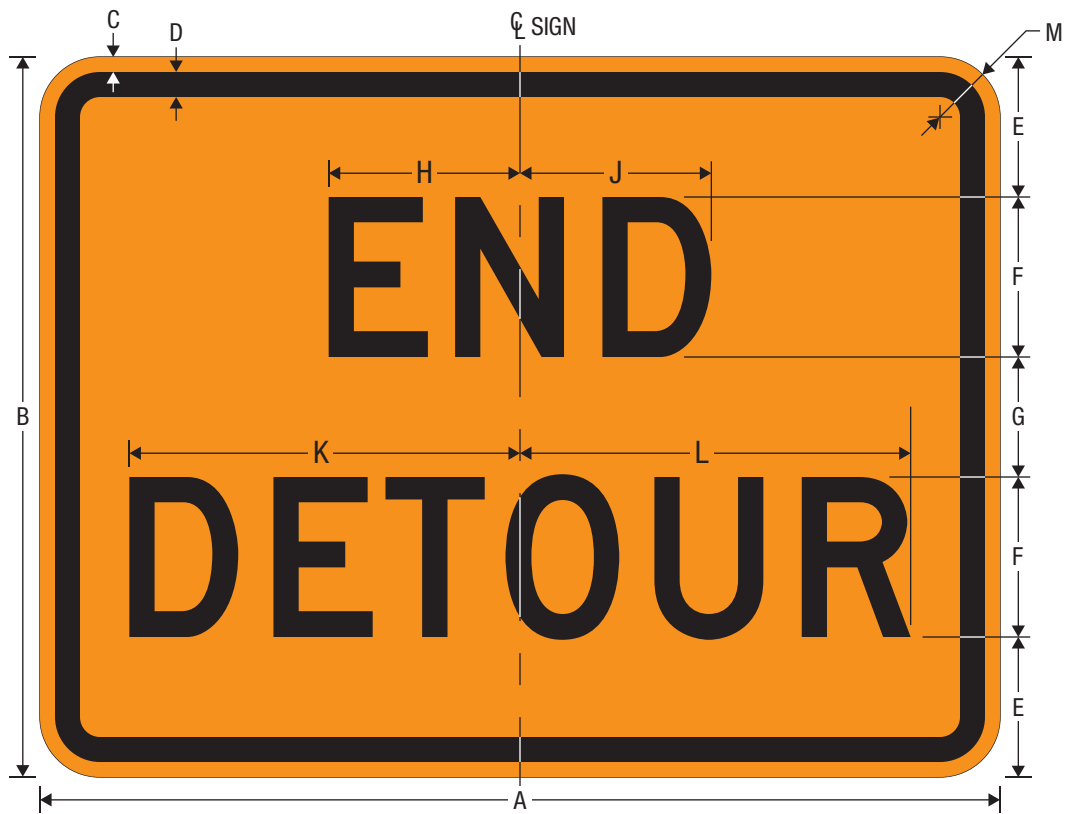
M4-8P
DETOUR (PLAQUE)

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J
12	6	0.375	0.375	1.5	3 B*	4.716	4.715	1.5
24	12	0.375	0.625	3	6 B*	9.431	9.430	1.5
30	15	0.375	0.625	3.5	8 B*	12.574	12.574	1.5

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

INCIDENT MANAGEMENT SIGN
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — FLUORESCENT PINK (RETROREFLECTIVE)

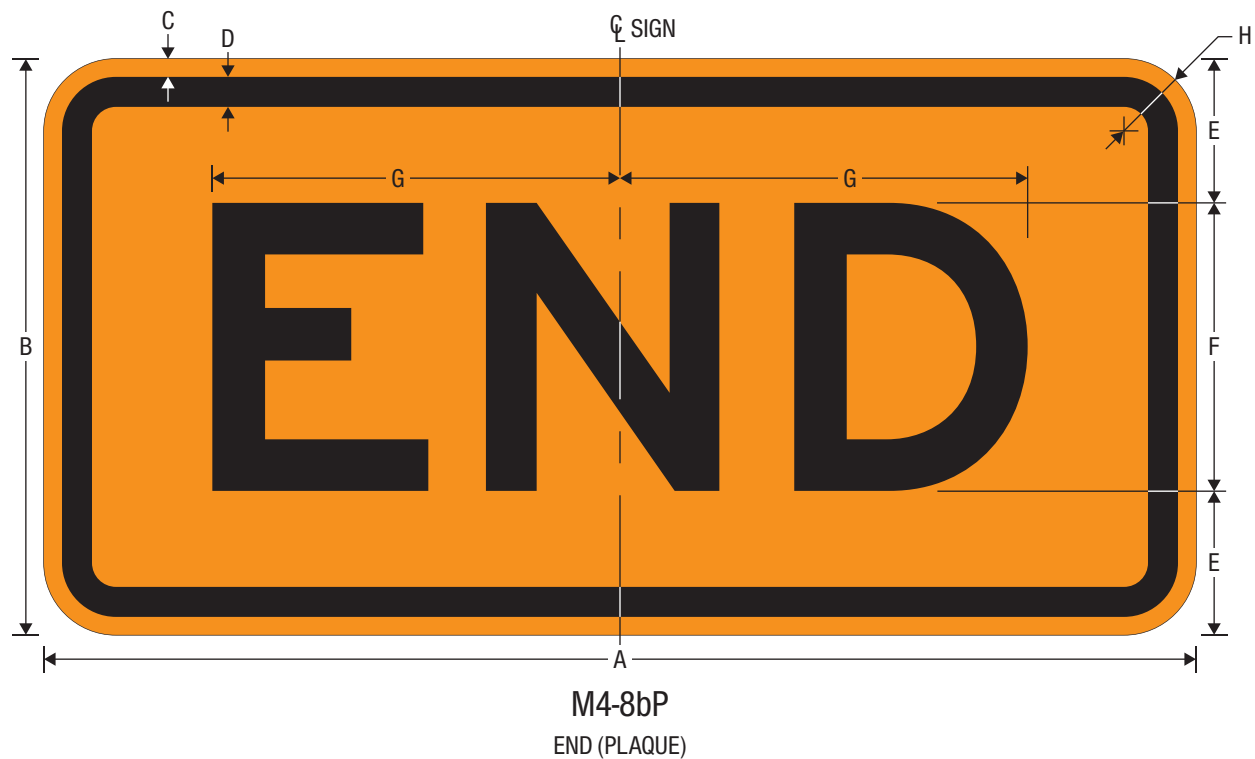


M4-8a
END DETOUR

A	B	C	D	E	F	G	H	J	K	L	M
24	18	0.375	0.625	3.5	4 D	3	4.784	4.783	9.767	9.766	1.5

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

INCIDENT MANAGEMENT SIGN
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — FLUORESCENT PINK
(RETROREFLECTIVE)



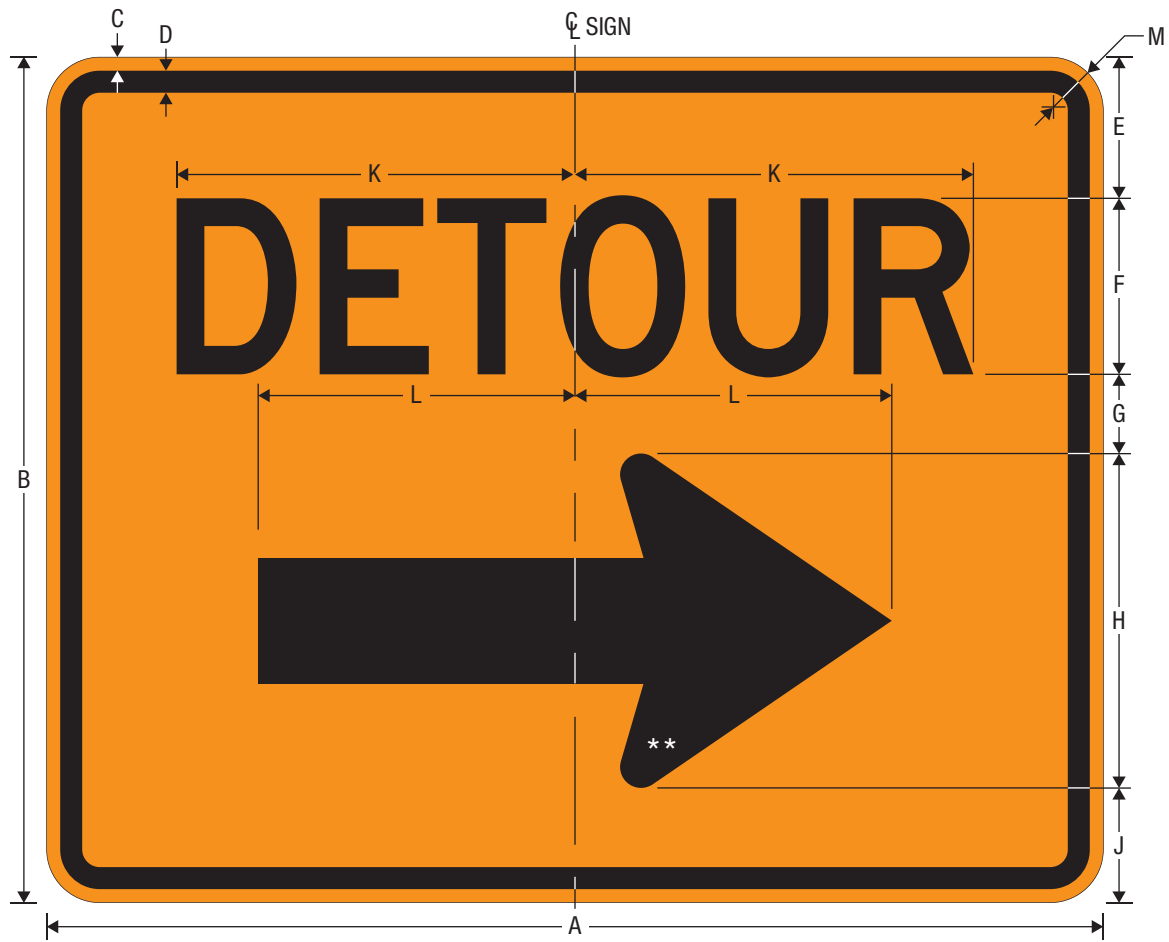
A	B	C	D	E	F	G	H
24	12	0.375	0.625	3	6 E	8.493	1.5

TTC SIGN

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

INCIDENT MANAGEMENT SIGN

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — FLUORESCENT PINK (RETROREFLECTIVE)



M4-9R
DETOUR



M4-9L
DETOUR

* Reduce Spacing 40%.

** See page 7-3 for arrow design.

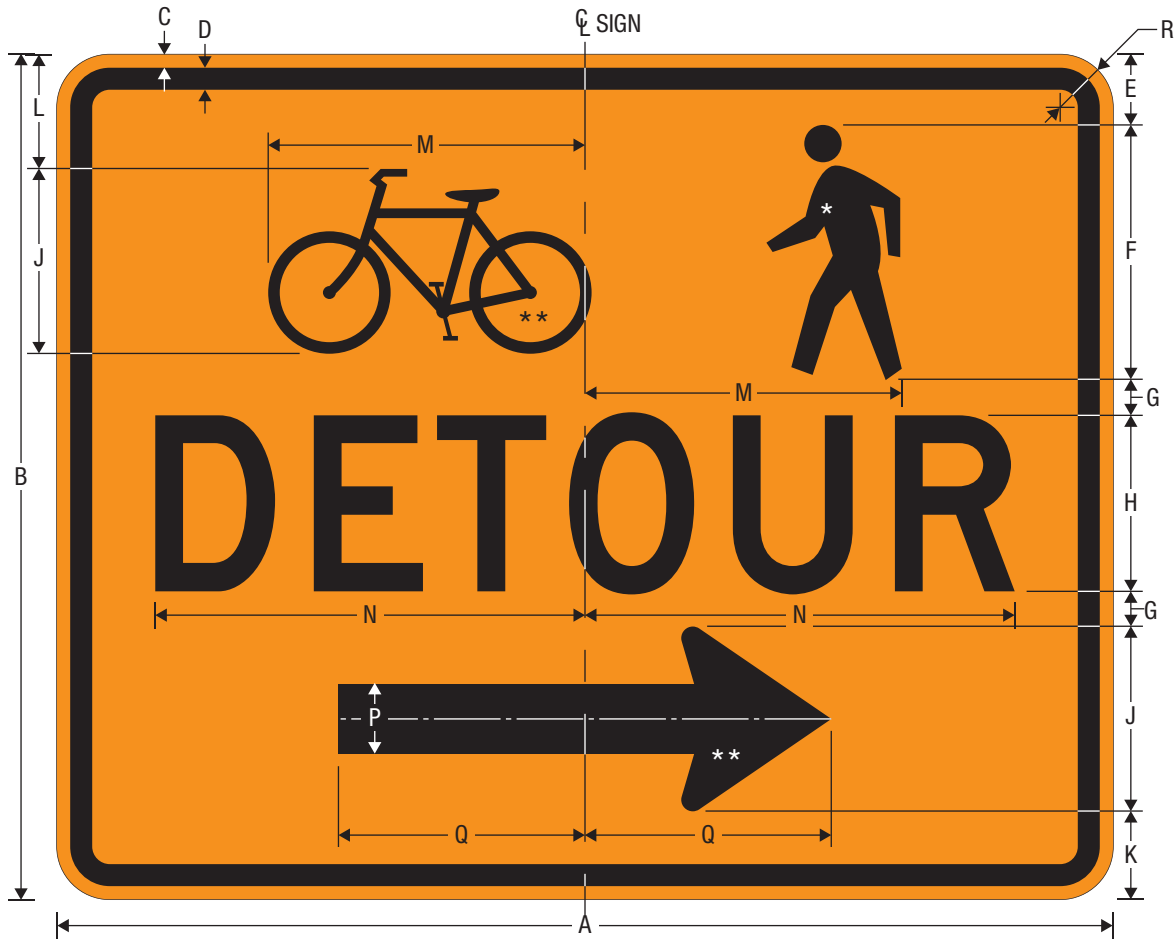
A	B	C	D	E	F	G	H	J	K	L	M
30	24	0.375	0.625	4	5 D*	2.25	9.5	3.25	11.318	9	1.5
48	36	0.625	0.875	6	8 D*	3	14.25	4.75	18.109	13.5	2.25

TTC SIGN

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

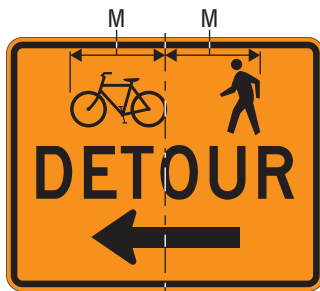
INCIDENT MANAGEMENT SIGN

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — FLUORESCENT PINK (RETROREFLECTIVE)



M4-9aR

BICYCLIST/PEDESTRIAN DETOUR



M4-9aL

BICYCLIST/PEDESTRIAN DETOUR

* See page 8-7 for symbol design.

** See page 8-4 for symbol design.

*** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H
30	24	0.375	0.625	2	7.25	1	5 D

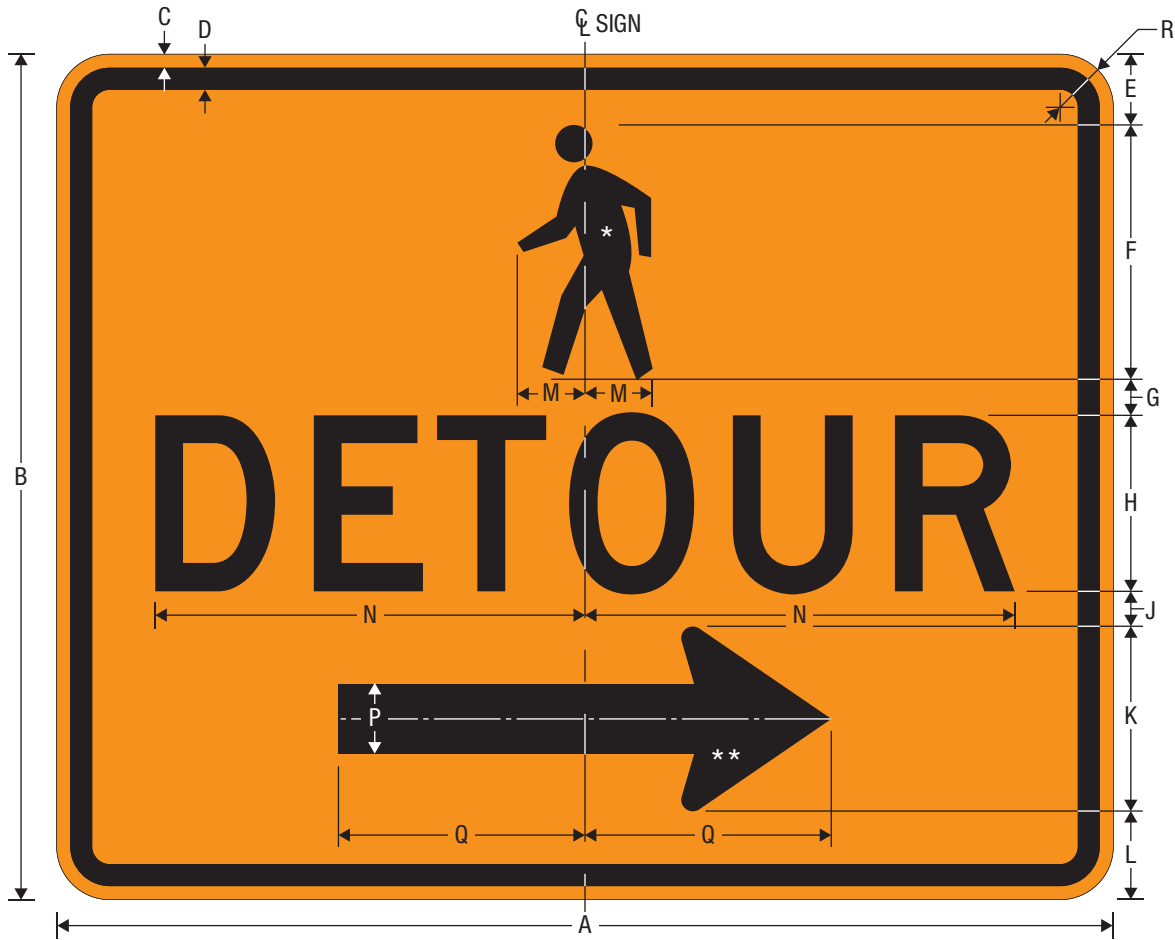
J	K	L	M	N	P	Q	R
5.25	2.5	3.25	9	12.208	1.969	7	1.5

TTC SIGN

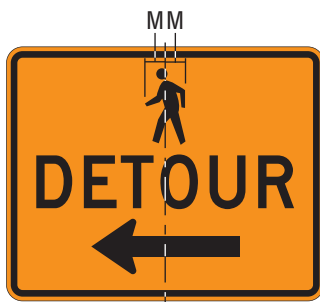
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)

INCIDENT MANAGEMENT SIGN

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — FLUORESCENT PINK (RETROREFLECTIVE)



M4-9bR
PEDESTRIAN DETOUR



M4-9bL
PEDESTRIAN DETOUR

* See page 8-7 for symbol design.

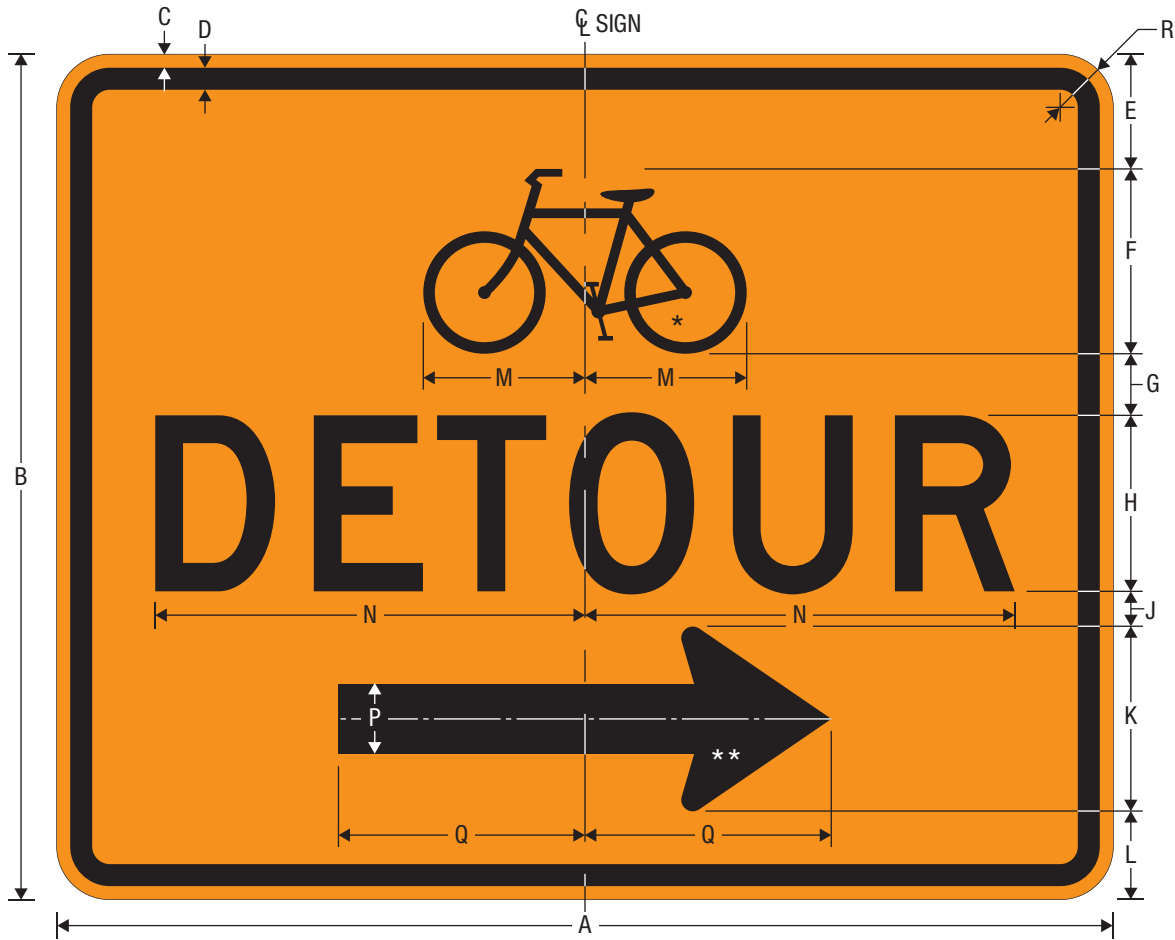
** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H
30	24	0.375	0.625	2	7.25	1	5 D

J	K	L	M	N	P	Q	R
1	5.25	2.5	1.923	12.208	1.969	7	1.5

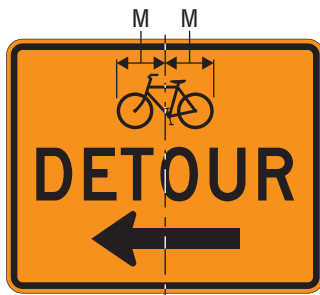
TTC SIGN
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)

INCIDENT MANAGEMENT SIGN
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — FLUORESCENT PINK (RETROREFLECTIVE)



M4-9cR

BICYCLIST DETOUR (WITH ARROW)



M4-9cL

BICYCLIST DETOUR (WITH ARROW)

* See page 8-4 for symbol design.

** See page 7-3 for arrow design.

A	B	C	D	E	F	G	H
30	24	0.375	0.625	3.25	5.25	1.75	5 D

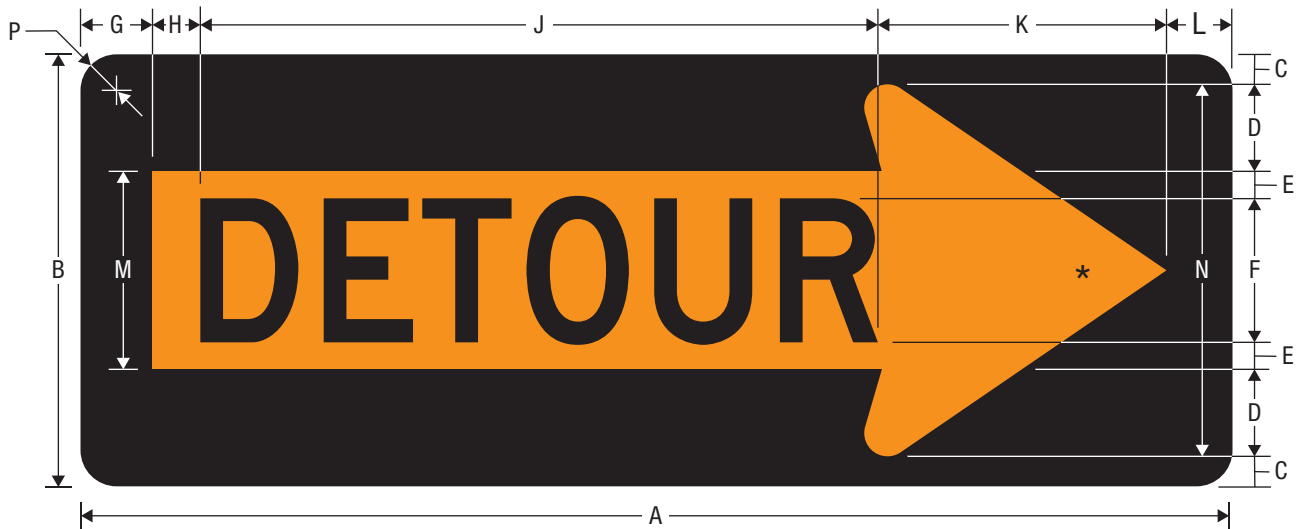
J	K	L	M	N	P	Q	R
1	5.25	2.5	4.594	12.208	1.969	7	1.5

TTC SIGN

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

INCIDENT MANAGEMENT SIGN

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — FLUORESCENT PINK (RETROREFLECTIVE)



M4-10R
DETOUR (RIGHT)



M4-10L
DETOUR (LEFT)

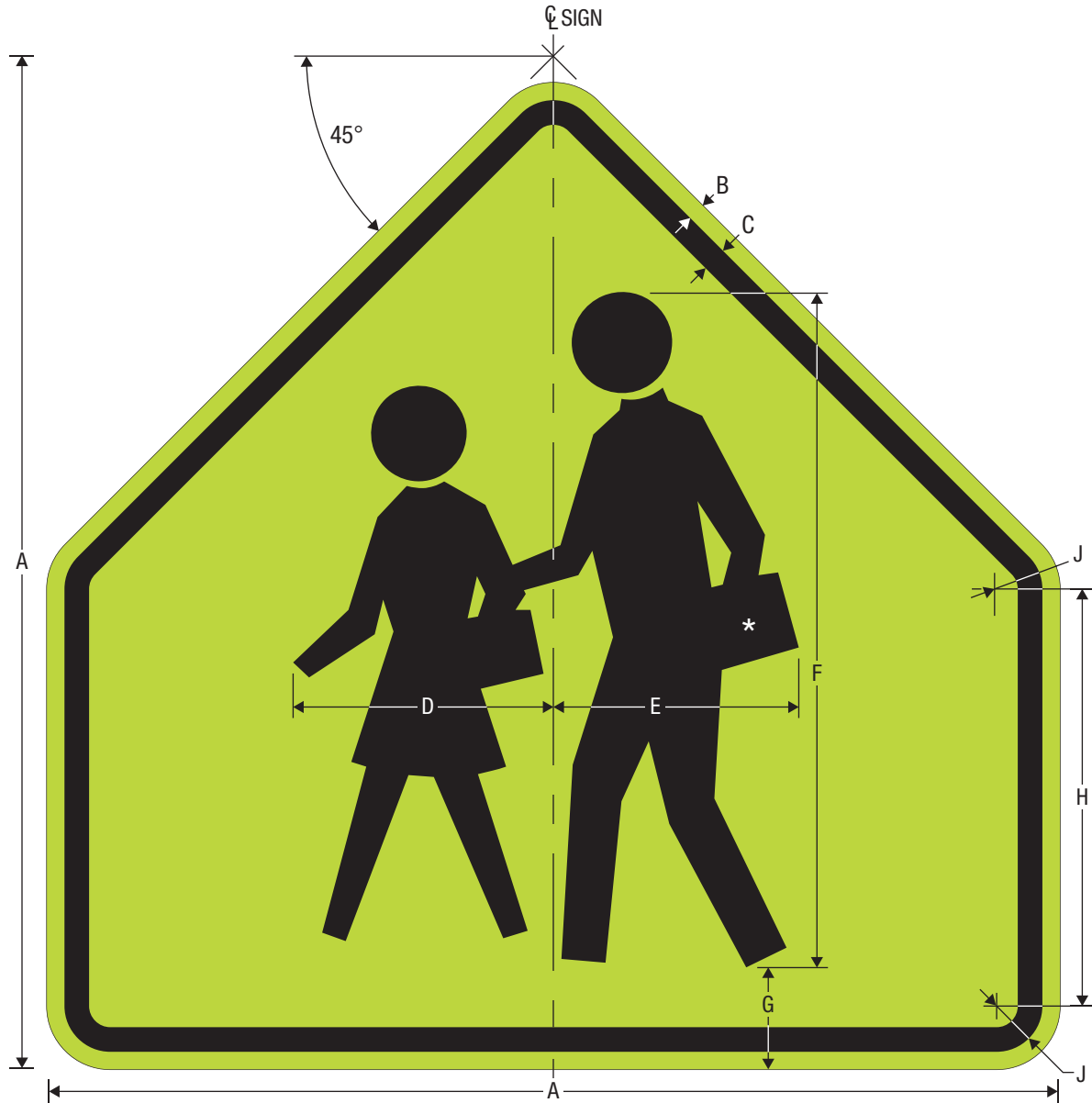
* See page 7-3 for arrow design.

** Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
48	18	1.25	3.625	1.125	6 D**	3	1.993	28.232	12.025	2.75	8.25	15.5	1.5

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

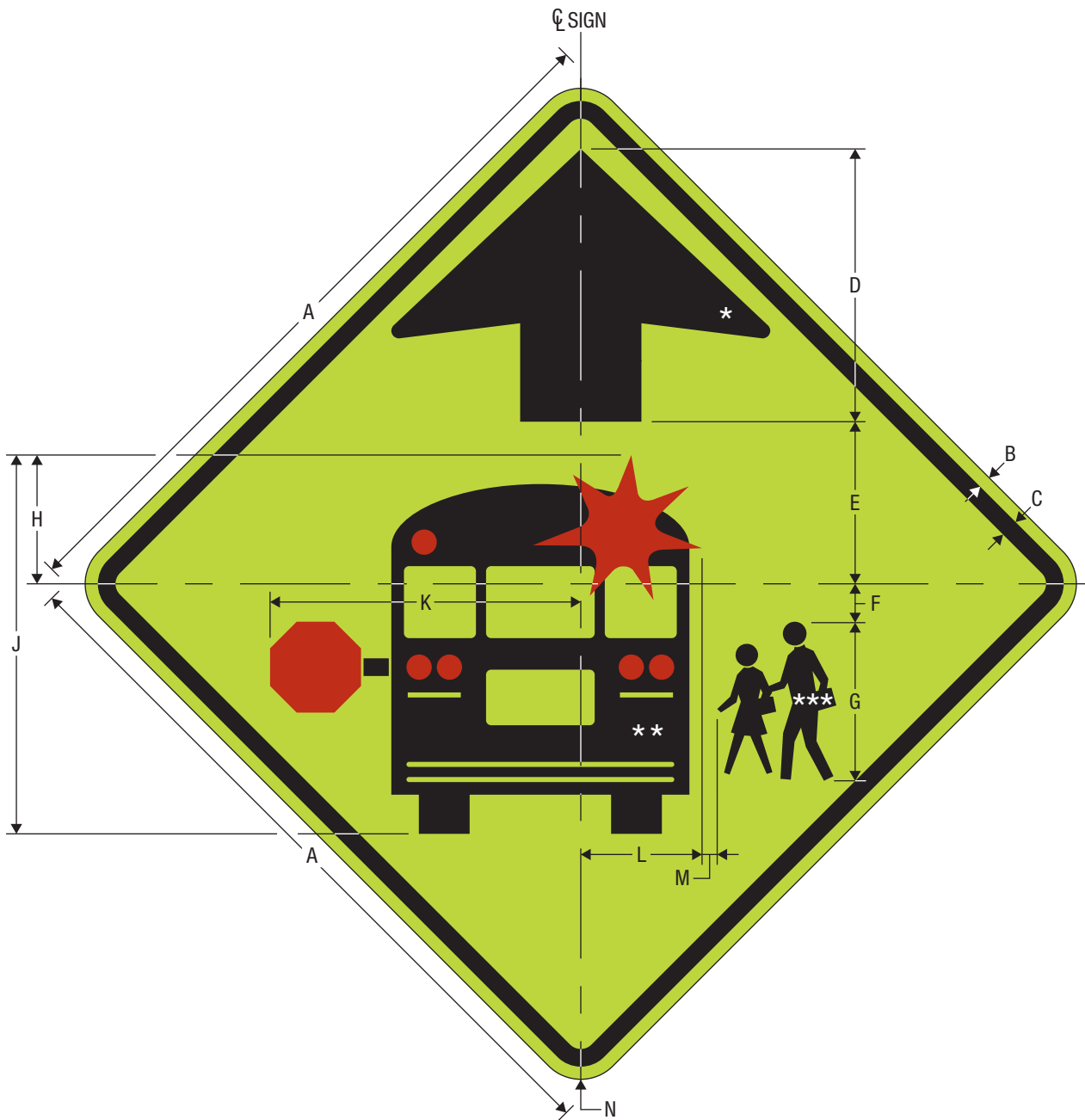
INCIDENT MANAGEMENT SIGN
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — FLUORESCENT PINK (RETROREFLECTIVE)



* See page 8-71 for symbol design.

A	B	C	D	E	F	G	H	J
30	0.5	0.75	7.75	7.200	20	3	12.352	1.875
36	0.625	0.875	9.25	8.689	24	3.625	14.822	2.25
48	0.75	1.25	12.375	11.544	32	4.875	19.763	3

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



S3-1
SCHOOL BUS STOP AHEAD

* See page 7-6 for arrow design.

** See page 8-23 for symbol design.

*** See page 8-71 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M	N
30	0.5	0.75	11.25	15.625	5.375	6.683	1.5	6.625	12.813	5	0.625	1.875
36	0.625	0.875	13.5	18.75	6.375	8.024	1.875	7.875	15.375	6	0.75	2.25
48	0.75	1.25	18	25	8.5	10.689	2.5	10.5	20.5	8	1	3

COLORS: ARROW, BORDER — BLACK
 SCHOOL BUS SYMBOL — BLACK, RED (RETROREFLECTIVE)
 SCHOOLCHILDREN SYMBOL — BLACK
 BACKGROUND — FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)



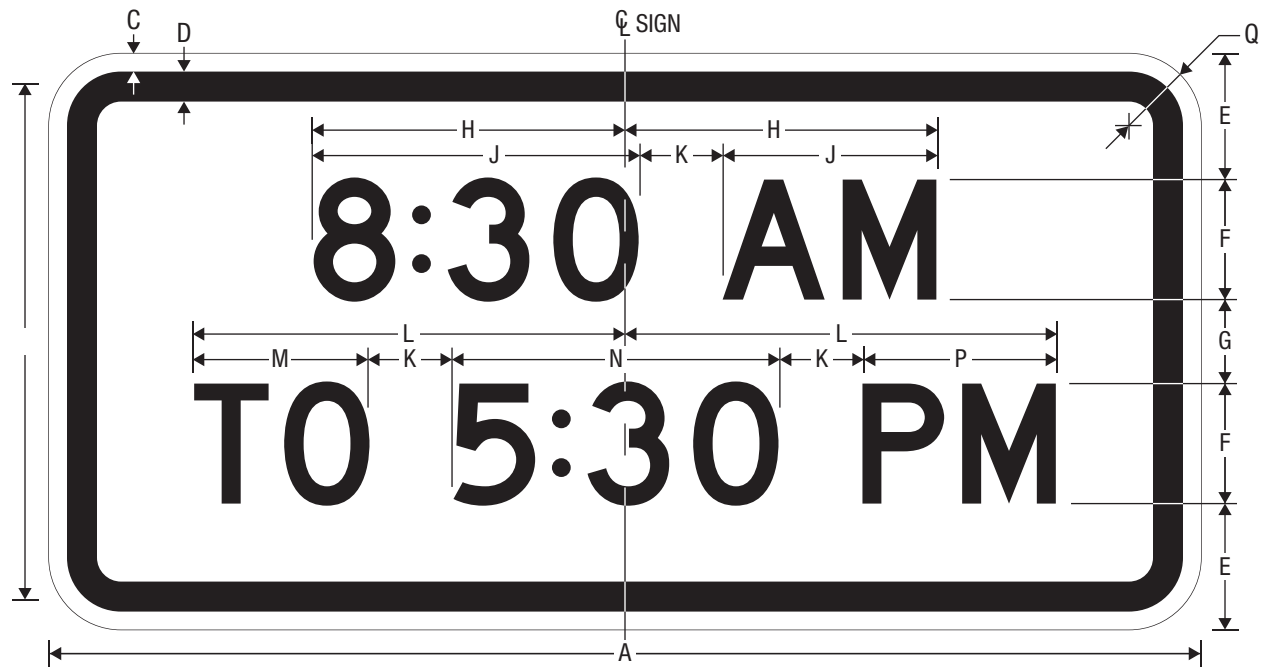
S3-2
SCHOOL BUS TURN AHEAD

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H
30	0.5	0.75	5 C*	2	5 C	2.5	10.039
36	0.625	0.875	6 C*	3	6 C	3	11.847
48	0.75	1.25	8 C*	3.5	8 C	4	15.712

J	K	L	M	N	P	Q
10.539	10.104	3.75	13.605	8.378	9.128	1.875
12.846	12.125	4.5	16.326	10.129	10.879	2.25
17.212	16.166	6	21.768	13.255	14.755	3

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

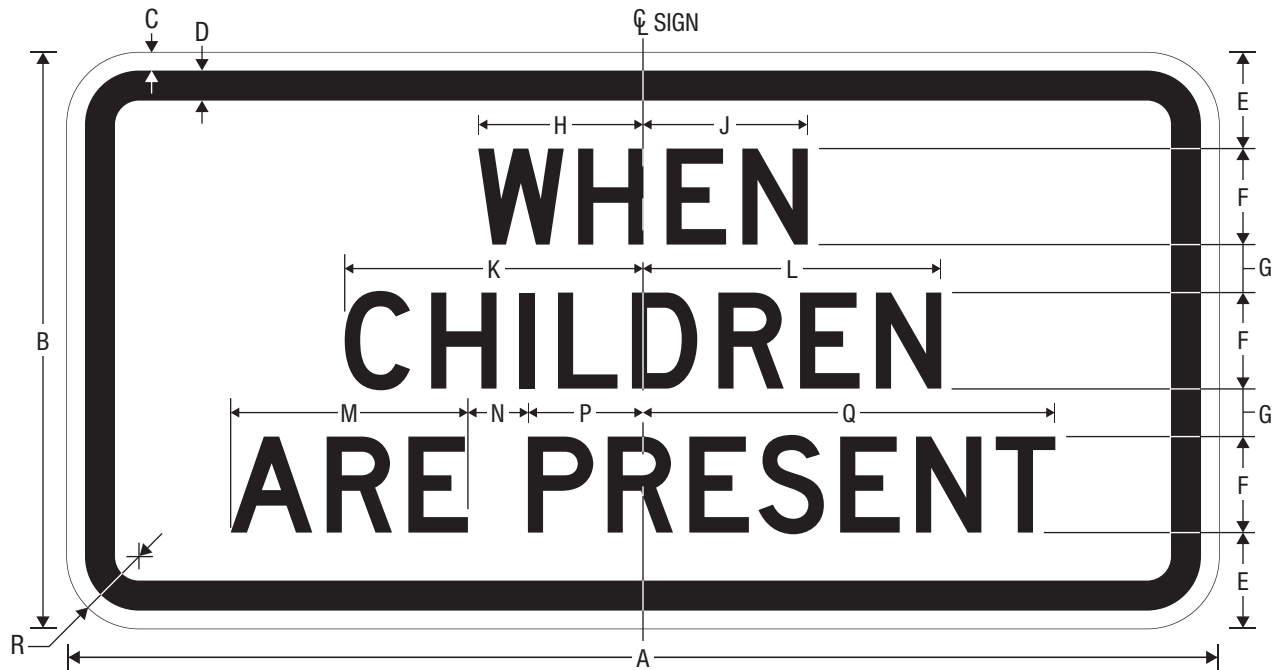


S4-1P

TIME OF DAY (PLAQUE) X:XX TO X:XX AM X:XX TO X:XX PM

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
24	12	0.375	0.625	2.625	2.5 D	1.75	VAR	VAR	1.75	VAR	3.652	VAR	VAR	1.5
36	18	0.625	0.875	3.5	4 D	3	VAR	VAR	2.75	VAR	5.843	VAR	VAR	2.25

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



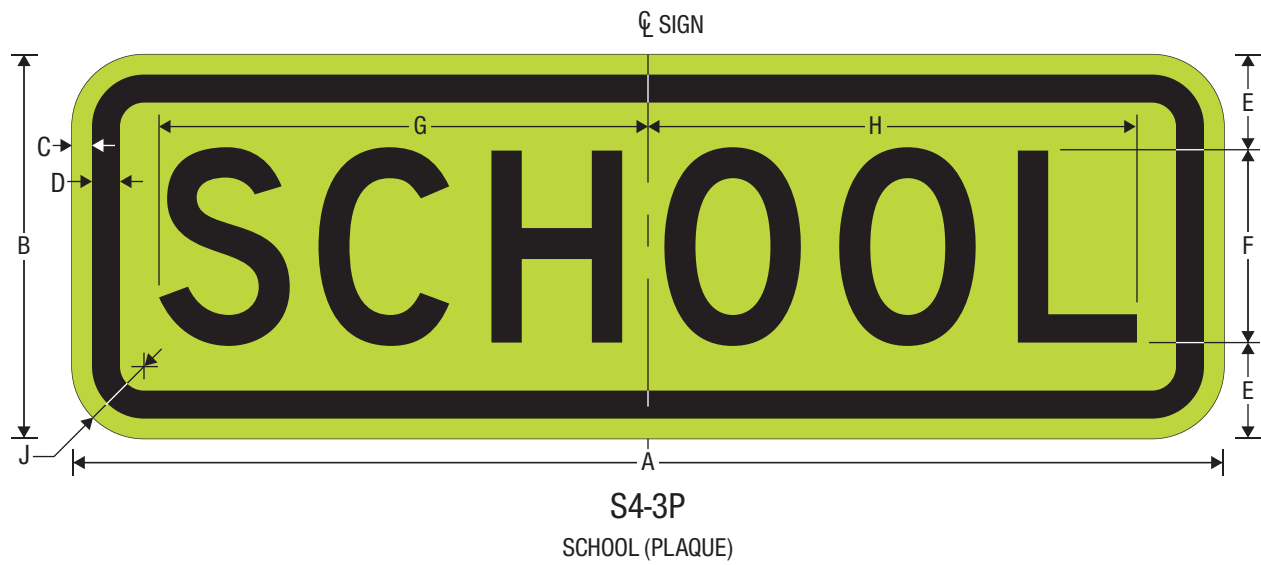
S4-2P

WHEN CHILDREN ARE PRESENT (PLAQUE)

A	B	C	D	E	F	G	H
24	12	0.375	0.625	2	2 D	1	3.433
36	18	0.625	0.875	3	3 D	1.5	5.149

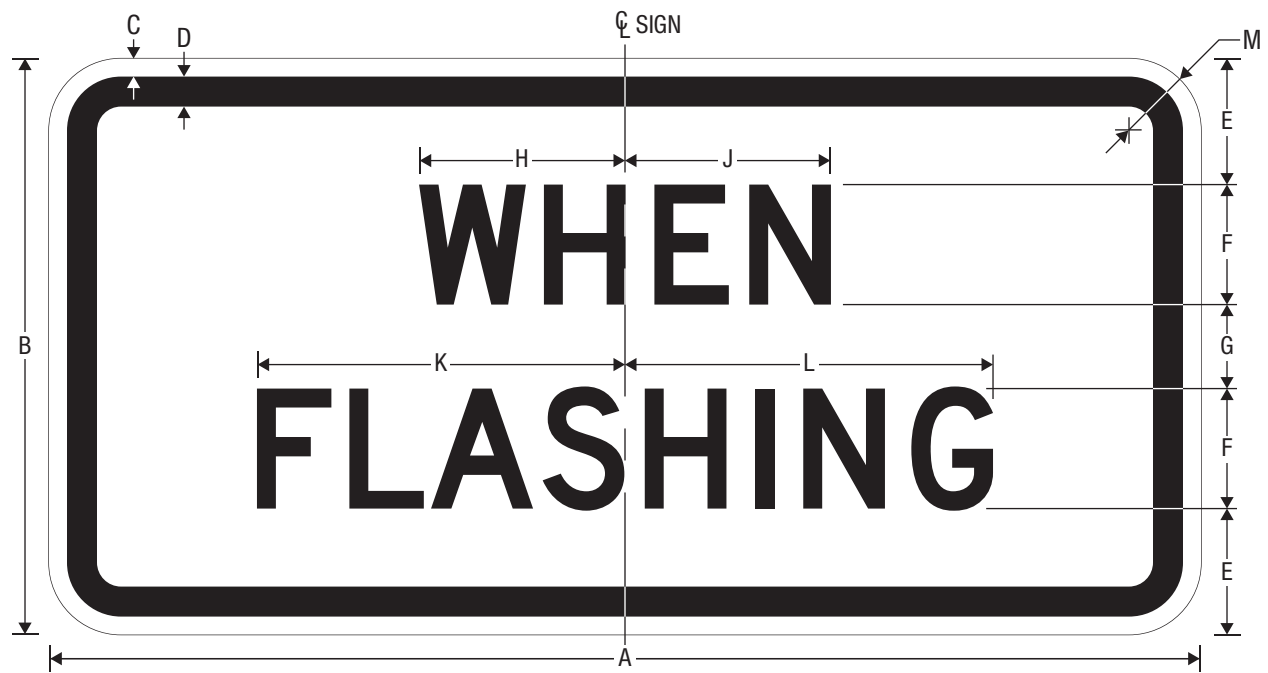
J	K	L	M	N	P	Q	R
3.432	6.215	6.214	4.943	1.25	2.398	8.590	1.5
5.148	9.322	9.321	7.415	2	3.533	12.948	2.25

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



A	B	C	D	E	F	G	H	J
24	9	0.375	0.625	2.5	4 D	10.187	10.187	1.5
36	12	0.625	0.875	3	6 D	15.281	15.280	2.25

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



S4-4P
WHEN FLASHING (PLAQUE)

A	B	C	D	E	F	G	H	J	K	L	M
24	12	0.375	0.625	2.625	2.5 D	1.75	4.291	4.290	7.668	7.667	1.5
36	18	0.625	0.875	3.5	4 D	3	6.865	6.864	12.268	12.268	2.25

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



S4-5
REDUCED SCHOOL SPEED LIMIT AHEAD

* See page 7-6 for arrow design.
** Optically space numerals
about centerline.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
30	0.5	0.75	7.5	2.5	0.5	1.375	2 D	1.875	2 E	0.875	7.5 D**	1.5	12.5
36	0.625	0.875	9	3	1	1.625	2.5 D	2	2.5 E	1	9 D**	1.875	15
48	0.75	1.25	12	4	1.5	1.875	3 D	2.375	3 E	1.25	12 D**	2.25	18.5

Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD
3.375	4.125	0.313	0.375	1.875	5.094	5.093	4.702	4.701	3.661	3.660	VAR**	7.5	1.875
4.125	4.875	0.375	0.5	2.25	6.367	6.367	5.877	5.877	4.576	4.575	VAR**	9	2.25
5.75	5.75	0.375	0.625	3	7.641	7.640	7.053	7.052	5.491	5.491	VAR**	12	3

COLORS: LEGEND, ARROW, BORDER — BLACK
INNER PANEL BACKGROUND — WHITE (RETROREFLECTIVE)
BACKGROUND — FLUORESCENT YELLOW GREEN (RETROREFLECTIVE)



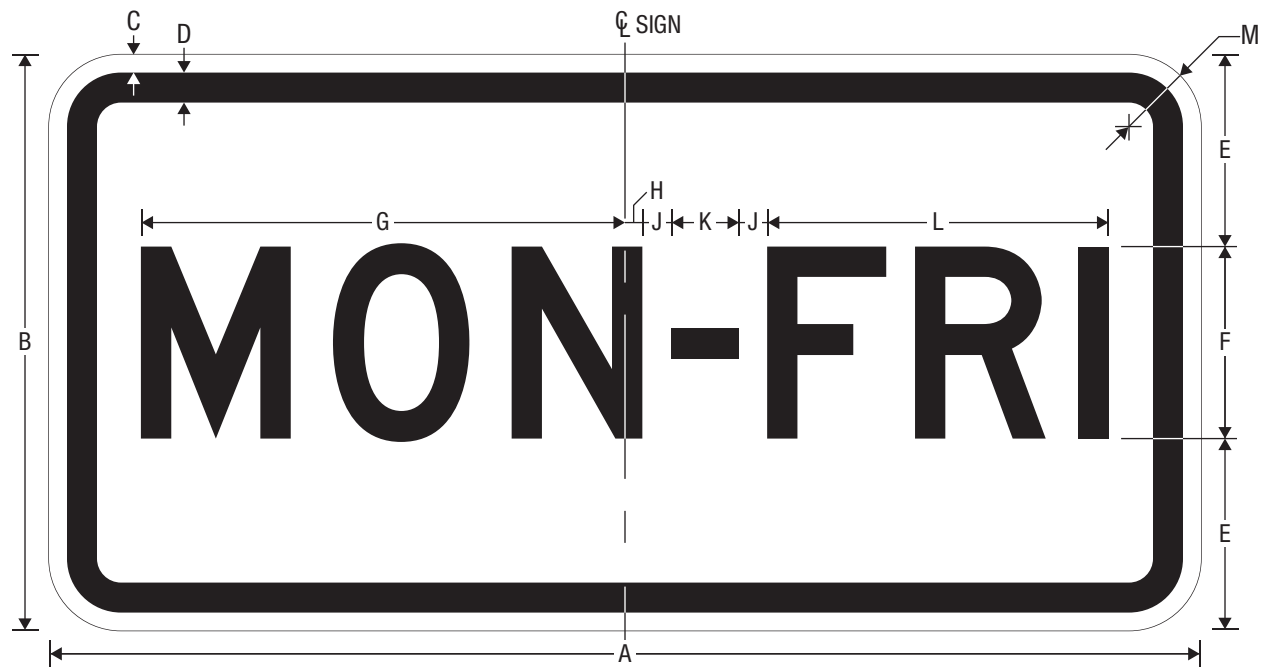
S4-5a

REDUCED SCHOOL SPEED LIMIT AHEAD

A	B	C	D	E	F	G	H
30	0.5	0.75	4 C	3.5	2	VAR	VAR
36	0.625	0.875	5 C	3.5	2.5	VAR	VAR
48	0.75	1.25	7 C	5	3.5	VAR	VAR

J	K	L	M	N	P	Q	R
2.5	8.804	15.435	1.771	11.164	7.003	7.002	1.875
3.125	11.005	19.294	2.214	13.955	8.753	8.753	2.25
4.375	15.407	27.011	3.100	19.537	12.255	12.254	3

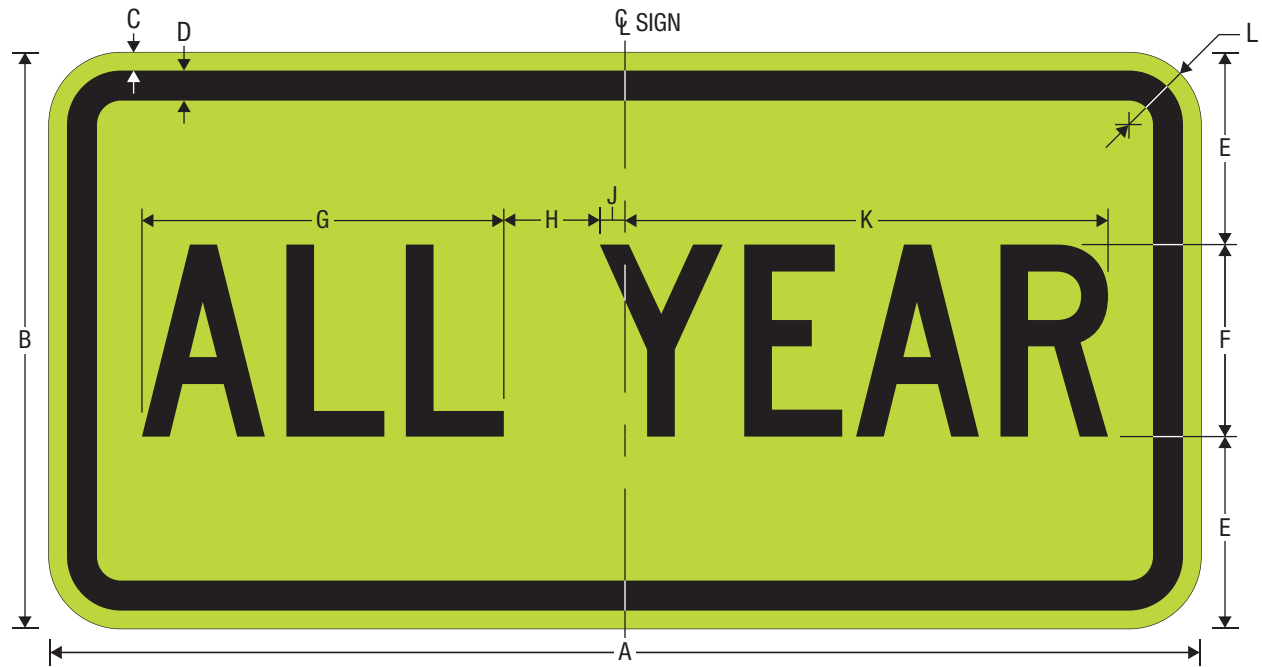
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — FLUORESCENT YELLOW GREEN (RETROREFLECTIVE)



S4-6P
DAYS OF WEEK (PLAQUE)
MON-FRI

A	B	C	D	E	F	G	H	J	K	L	M
24	12	0.375	0.625	4	4 D	10.086	0.361	0.600	1.400	7.124	1.5
36	18	0.625	0.875	6	6 D	15.129	0.542	0.900	2.100	10.686	2.25

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

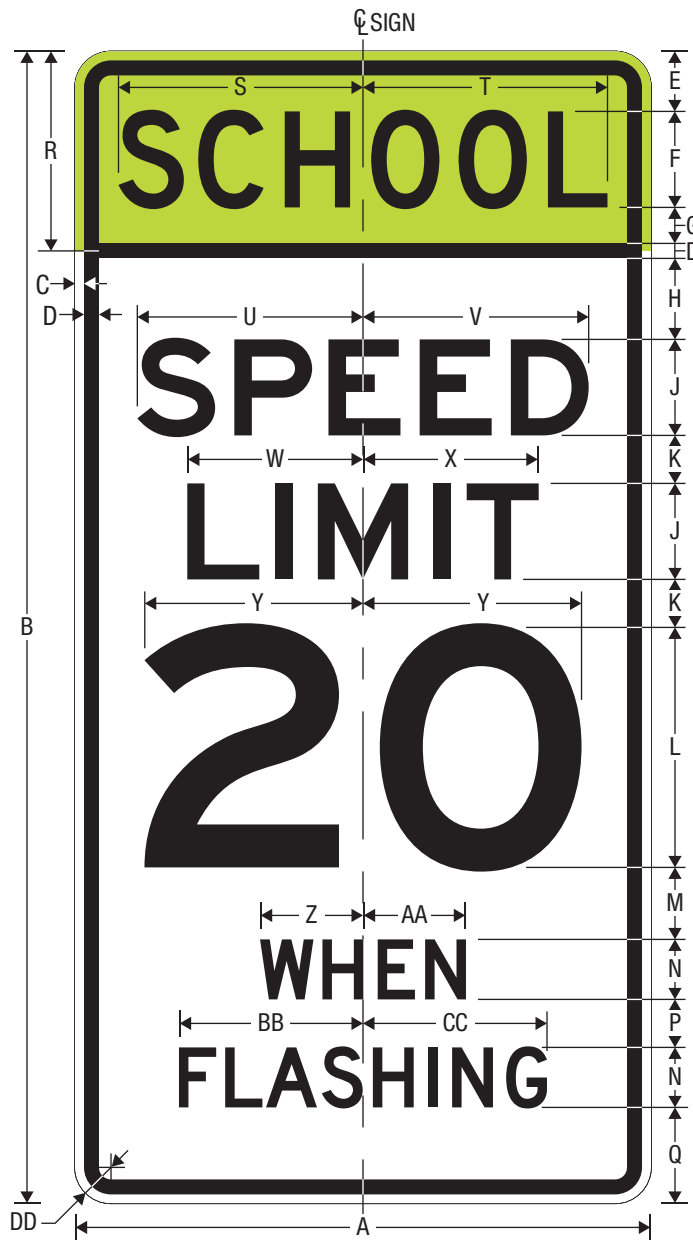


S4-7P
ALL YEAR (PLAQUE)

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H	J	K	L
24	12	0.375	0.625	4	4 C*	7.539	2	0.525	10.063	1.5
30	18	0.375	0.625	6.5	5 C*	9.424	2.5	0.655	12.580	1.5

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



S5-1

SCHOOL SPEED LIMIT XX WHEN FLASHING

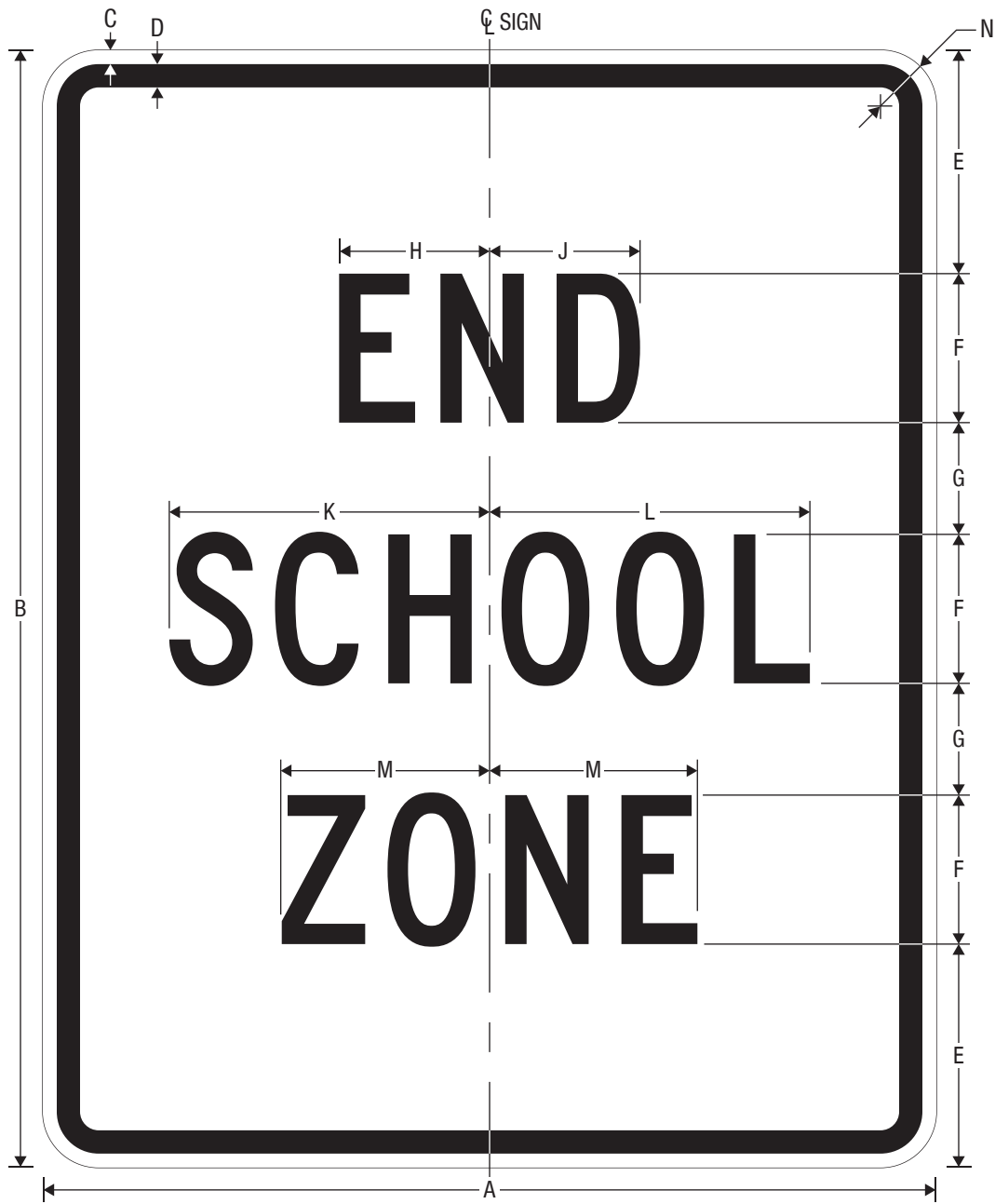
A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	48	0.375	0.625	2.5	4 D	1.5	3.375	4 E	2	10 E	3	2.5 D	2
36	72	0.625	0.875	3.75	6 D	2.25	5.125	6 E	4	14 E	4	4 D	2

Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD
4	8.313	10.187	10.187	9.403	9.403	7.321	7.321	VAR	4.291	4.290	7.668	7.667	1.5
6	12.438	15.281	15.280	14.105	14.104	10.982	10.981	VAR	6.865	6.864	12.268	12.268	2.25

COLORS:

UPPER SECTION: LEGEND, BORDER — BLACK
BACKGROUND — FLUORESCENT YELLOW GREEN (RETROREFLECTIVE)

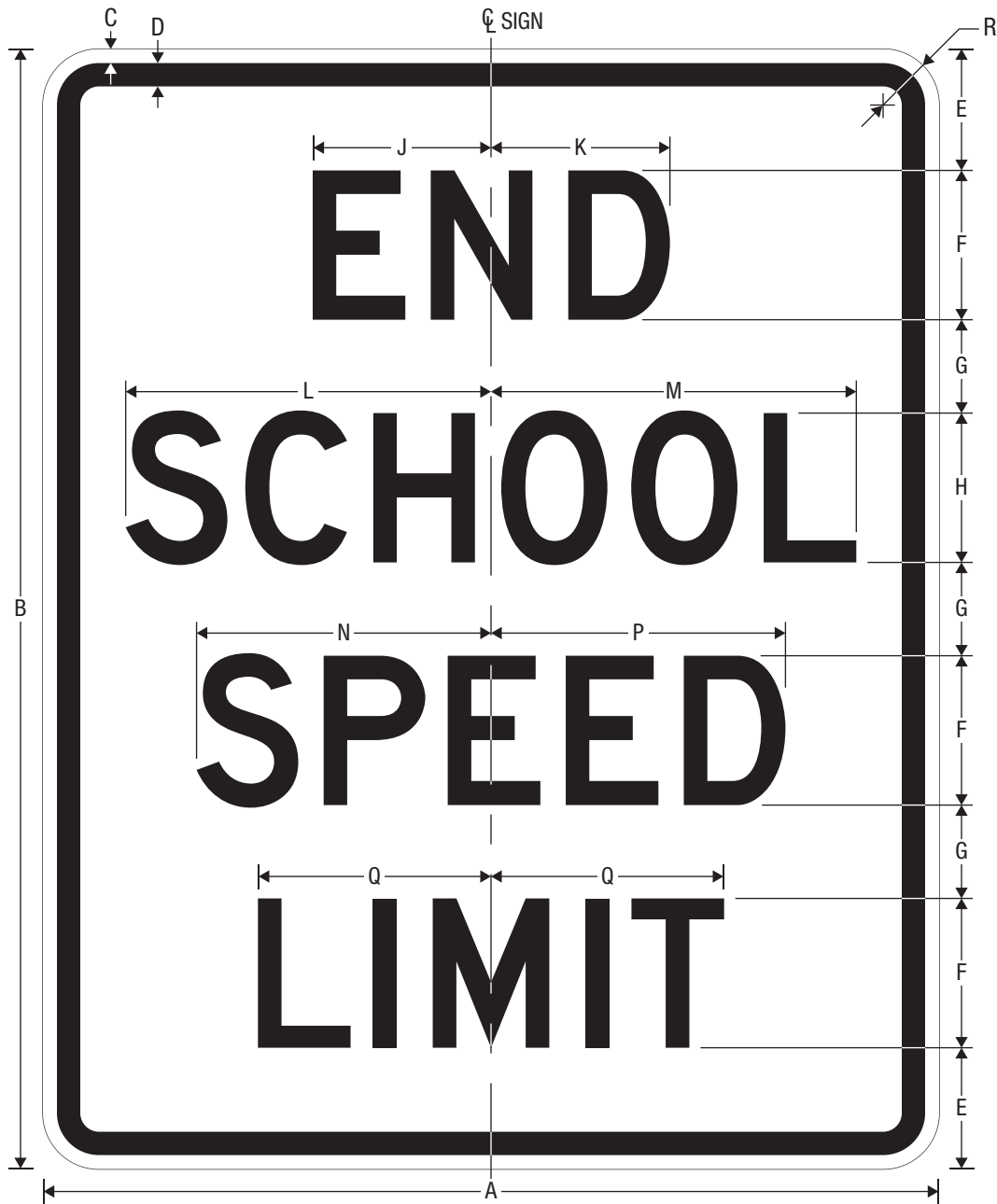
LOWER SECTION: LEGEND BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



S5-2
END SCHOOL ZONE

A	B	C	D	E	F	G	H	J	K	L	M	N
24	30	0.375	0.625	6	4 C	3	4.042	4.041	8.603	8.603	5.582	1.5
36	48	0.625	0.875	10	6 C	5	6.063	6.062	12.905	12.904	8.373	2.25

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



S5-3

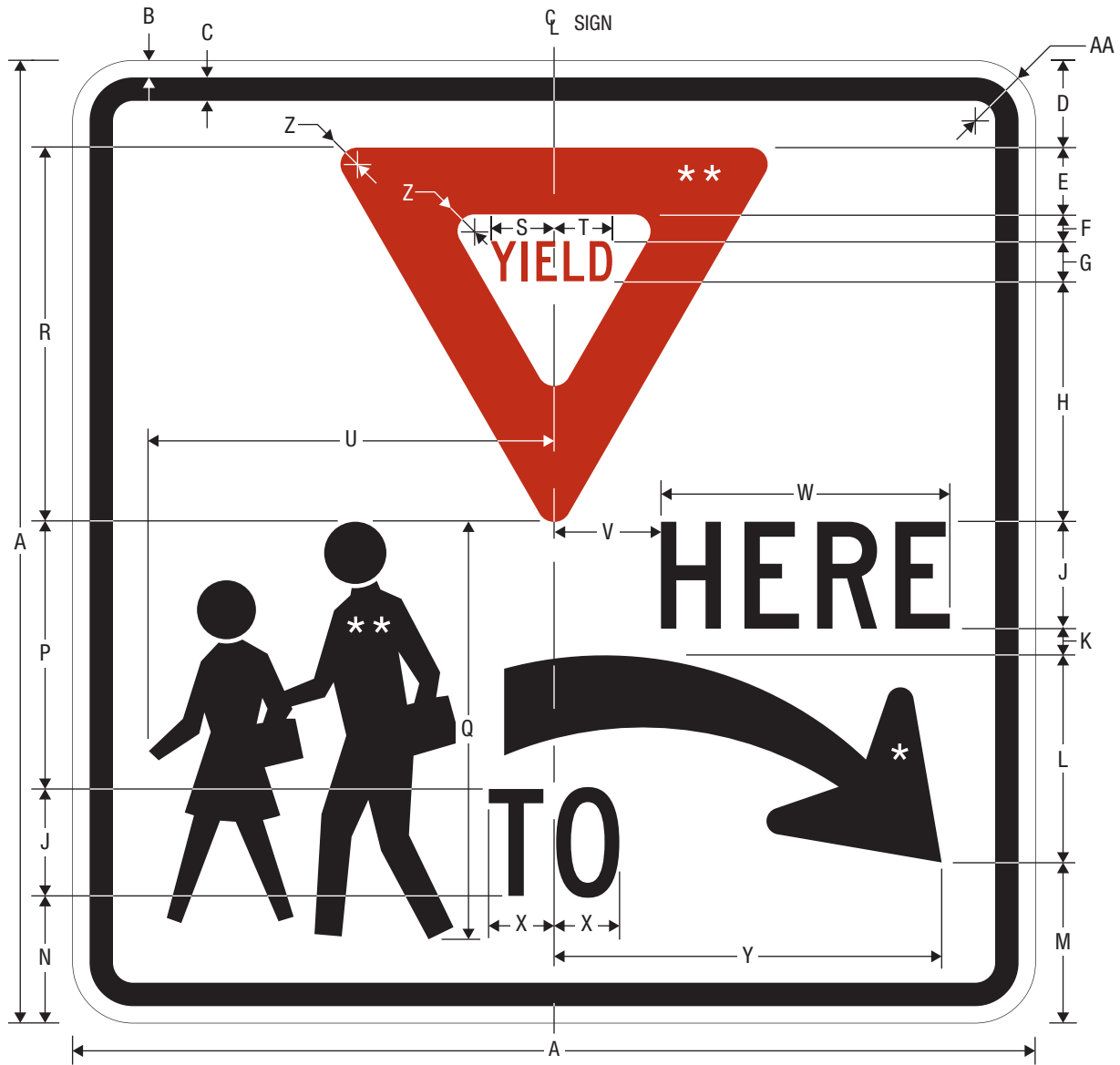
END SCHOOL SPEED LIMIT

* Reduce Spacing 20%.

A	B	C	D	E	F	G	H
24	30	0.375	0.625	3.25	4 D	2.5	4 D*
36	48	0.625	0.875	6	6 D	4	6 D*

J	K	L	M	N	P	Q	R
4.784	4.783	9.783	9.783	7.886	7.885	6.242	1.5
7.176	7.175	14.675	14.674	11.829	11.828	9.363	2.25

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



R1-5aL

R1-5aR
YIELD HERE TO SCHOOL CROSSING

* See page 7-7 for detail.

** See page 8-71 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M	N
36	0.625	0.875	3.25	2	1	1.5 C	9.5	4 C	1	7.75	6	4.75

P	Q	R	S	T	U	V	W	X	Y	Z	AA
10	15.625	14	2.372	2.175	15.160	4	10.804	2.441	14.5	0.625	2.25

COLORS: LEGEND, BORDER

BACKGROUND, YIELD SIGN INNER BACKGROUND

YIELD SIGN LEGEND AND OUTER BACKGROUND

— BLACK

— WHITE (RETROREFLECTIVE)

— RED (RETROREFLECTIVE)



R1-5cR

STOP HERE FOR SCHOOL CROSSING



R1-5cL

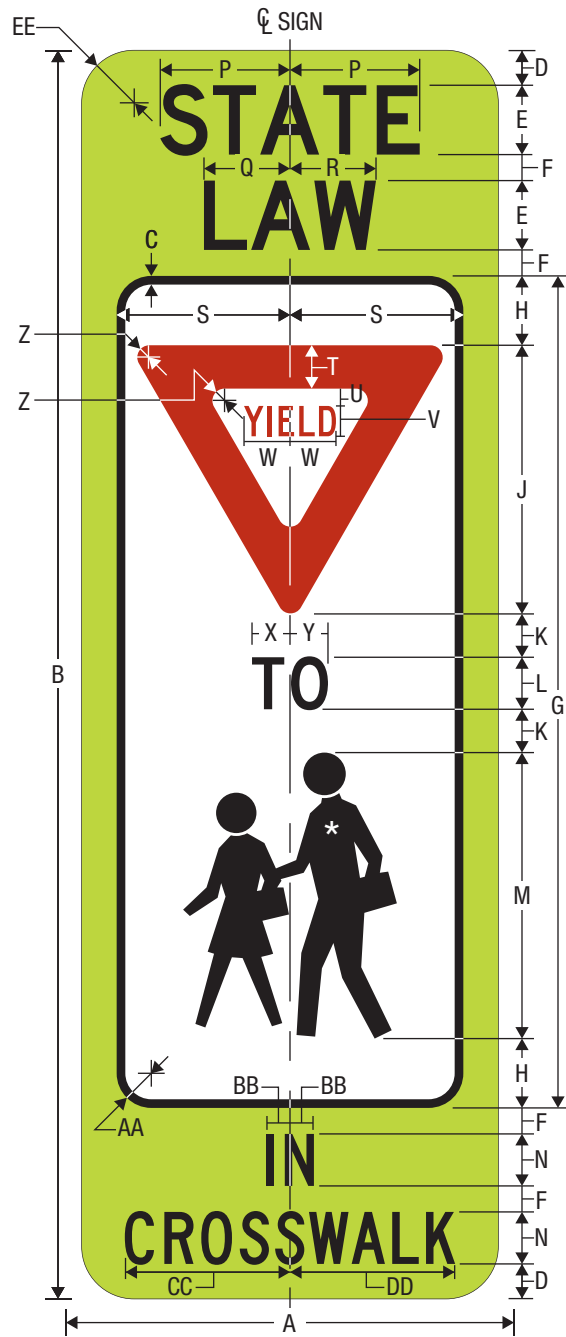
* See page 7-7 for detail.

** See page 8-7 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M
36	0.625	0.875	3	4.25	4.5 C	1.25	4 C	1	7.75	6	4.75

N	P	Q	R	S	T	U	V	W	X	Y	Z
10	15.625	13	5.385	5.920	15.160	4	10.804	2.423	5.5	14.5	2.25

COLORS: LEGEND, BORDER — BLACK (RETROREFLECTIVE)
 BACKGROUND, STOP SIGN LEGEND — WHITE (RETROREFLECTIVE)
 STOP SIGN BACKGROUND — RED (RETROREFLECTIVE)



R1-6b

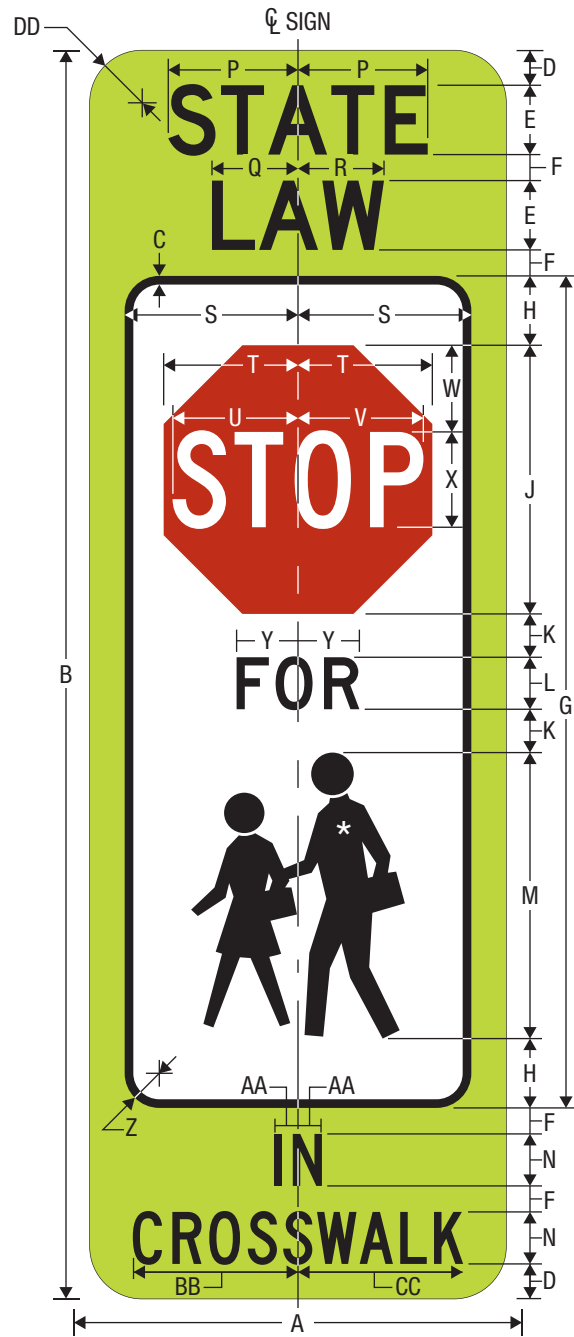
IN-STREET SCHOOL CROSSING - YIELD

* See page 8-71 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
12	36	0.25	1	2 D	0.75	24	2	7.75	1.25	1.5 D	8.25	1.5 C	3.742	2.482

R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE
2.481	5	1.25	0.625	0.875 C	1.326	1.096	1.095	0.350	1	0.690	4.765	4.764	1.5

COLORS: LEGEND, INNER BORDER — BLACK
INNER BACKGROUND — WHITE (RETROREFLECTIVE)
OUTER BACKGROUND — FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)
YIELD SIGN LEGEND AND OUTER BACKGROUND — RED (RETROREFLECTIVE)



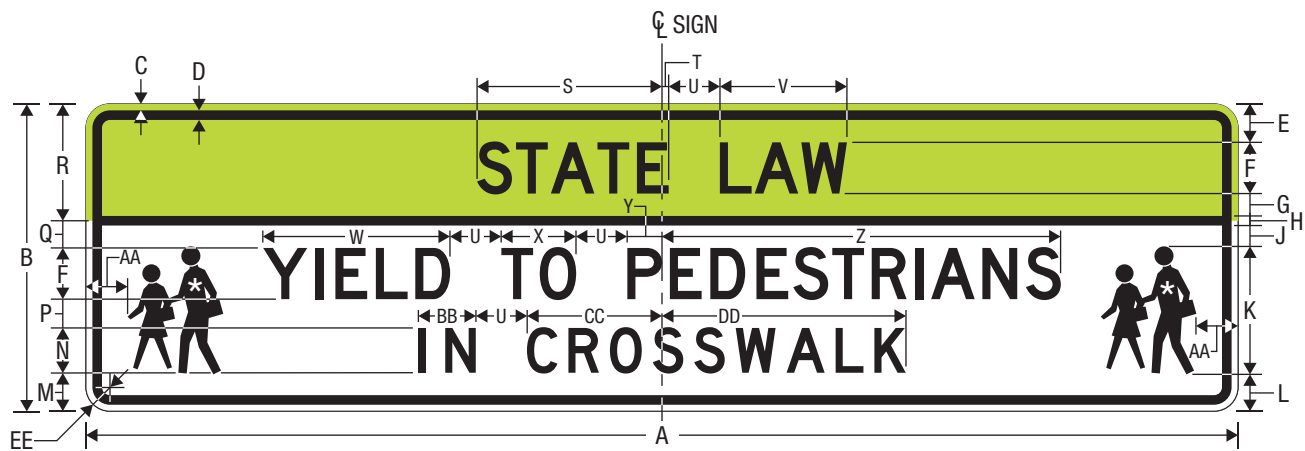
R1-6c
IN-STREET SCHOOL CROSSING - STOP

* See page 8-71 for symbol design.

A	B	C	D	E	F	G	H	J	K	L	M	N	P
12	36	0.25	1	2 D	0.75	24	2	7.75	1.25	1.5 D	8.25	1.5 C	3.742

Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD
2.482	2.481	5	3.875	3.618	3.617	2.5	2.75 C	1.771	1	0.690	4.765	4.764	1.5

COLORS: LEGEND, INNER BORDER — BLACK
INNER BACKGROUND, STOP SIGN LEGEND — WHITE (RETROREFLECTIVE)
OUTER BACKGROUND — FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)
STOP SIGN BACKGROUND — RED (RETROREFLECTIVE)



R1-9b

OVERHEAD SCHOOL CROSSING - YIELD

* See page 8-71 for symbol design.

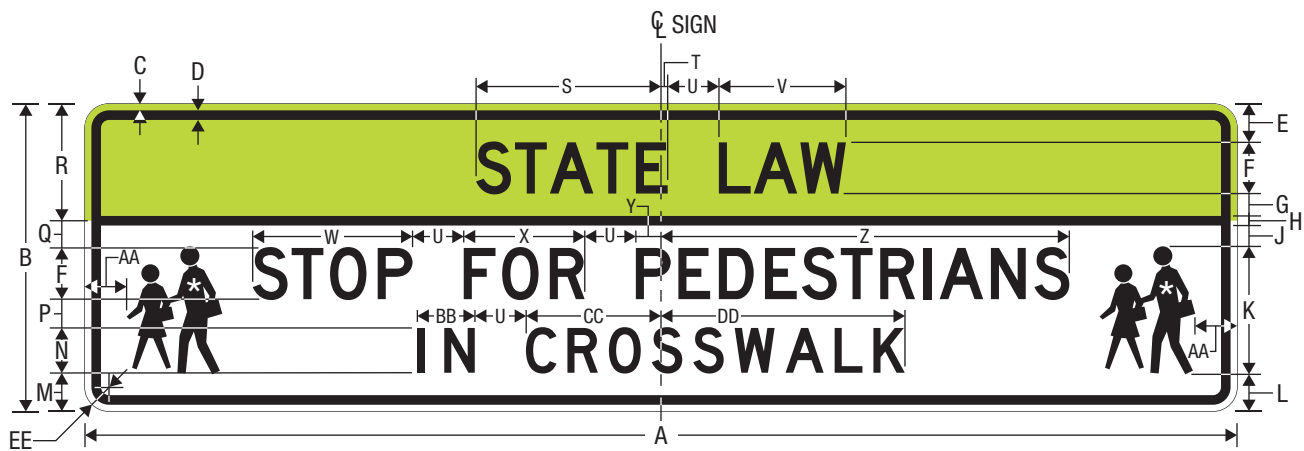
** Increase Spacing 85%.

A	B	C	D	E	F	G	H	J	K
90	24	0.5	0.75	3	4 D	1.75	0.75	1.625	10

L	M	N	P	Q	R	S	T	U	V
2.875	3	3.5 D**	2.25	2.125	9.125	14.447	0.521	4	9.925

W	X	Y	Z	AA	BB	CC	DD	EE
14.607	5.843	2.707	31.156	3.25	4.497	10.550	19.047	1.875

COLORS: LEGEND, BORDER — BLACK
UPPER BACKGROUND — FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)
LOWER BACKGROUND — WHITE (RETROREFLECTIVE)



R1-9c

OVERHEAD SCHOOL CROSSING - STOP

* See page 8-71 for symbol design.

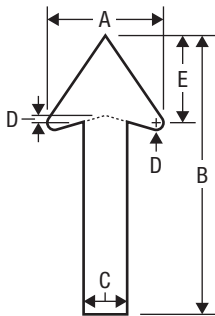
** Increase Spacing 85%.

A	B	C	D	E	F	G	H	J	K
90	24	0.5	0.75	3	4 D	1.75	0.75	1.625	10

L	M	N	P	Q	R	S	T	U	V
2.875	3	3.5 D**	2.25	2.125	9.125	14.447	0.521	4	9.925

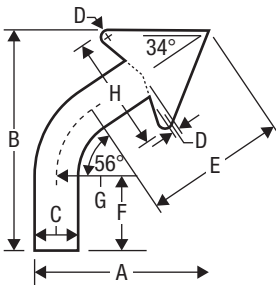
W	X	Y	Z	AA	BB	CC	DD	EE
12.489	9.446	1.964	31.899	3.25	4.497	10.550	19.047	1.875

COLORS: LEGEND, BORDER — BLACK
UPPER BACKGROUND — FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)
LOWER BACKGROUND — WHITE (RETROREFLECTIVE)



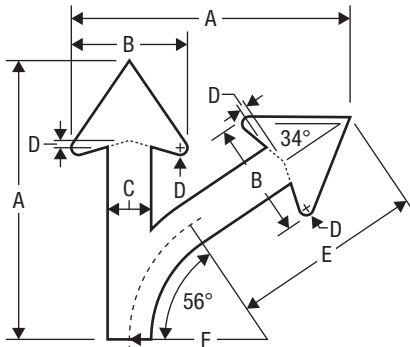
THROUGH

U.C. LETTER HEIGHT	A	B	C	D	E
8	8.75	21	3.281	0.547	6.563
10.67	10.625	25.5	3.984	0.664	7.969
13.33	13.333	32	5	0.833	10
16	16.25	39	6.094	1.016	12.188
20	20	48	7.5	1.25	15



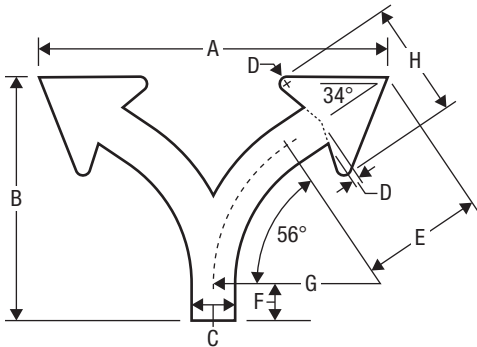
RIGHT (LEFT) ONLY

U.C. LETTER HEIGHT	A	B	C	D	E	F	G	H
8	13.125	16.625	3.281	0.547	10.654	5.629	6.016	8.75
10.67	15.938	20.188	3.984	0.664	12.937	6.836	7.305	10.625
13.33	20	25.333	5	0.833	16.235	8.578	9.167	13.333
16	24.375	30.875	6.094	1.016	19.786	10.454	11.172	16.25
20	30	38	7.5	1.25	24.352	12.867	13.75	20



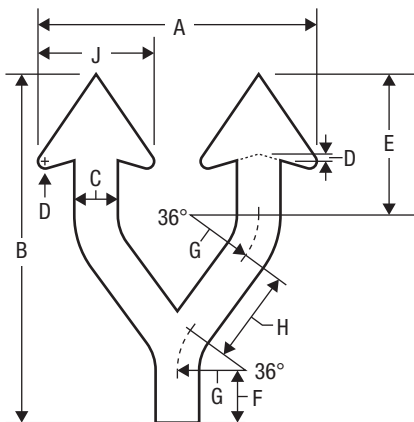
OPTIONAL DIVERGE - THROUGH WITH RIGHT (LEFT)

U.C. LETTER HEIGHT	A	B	C	D	E	F
8	21	8.75	3.281	0.547	14.529	10.391
10.67	25.5	10.625	3.984	0.664	17.642	12.617
13.33	32	13.333	5	0.833	22.139	15.833
16	39	16.25	6.094	1.016	26.981	19.297
20	48	20	7.5	1.25	33.208	23.75



OPTIONAL SPLIT

U.C. LETTER HEIGHT	A	B	C	D	E	F	G	H
8	26.25	18.375	3.281	0.547	9.144	2.783	12.578	8.75
10.67	31.875	22.313	3.984	0.664	11.103	3.380	15.273	10.625
13.33	40	28	5	0.833	13.933	4.241	19.167	13.333
16	48.75	34.125	6.094	1.016	16.981	5.169	23.359	16.25
20	60	42	7.5	1.25	20.900	6.362	28.75	20



OPTIONAL SPLIT (OPEN-ROAD ETC)

U.C. LETTER HEIGHT	A	B	C	D	E	F	G	H	J
16	39	48.75	6.094	1.016	19.577	7.313	9.547	13.148	16.25
20	48	60	7.5	1.25	24.095	9	11.75	16.183	20