

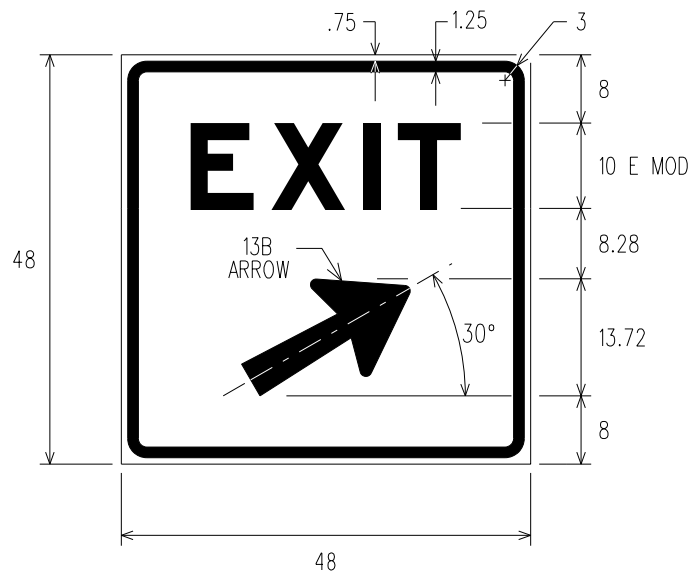
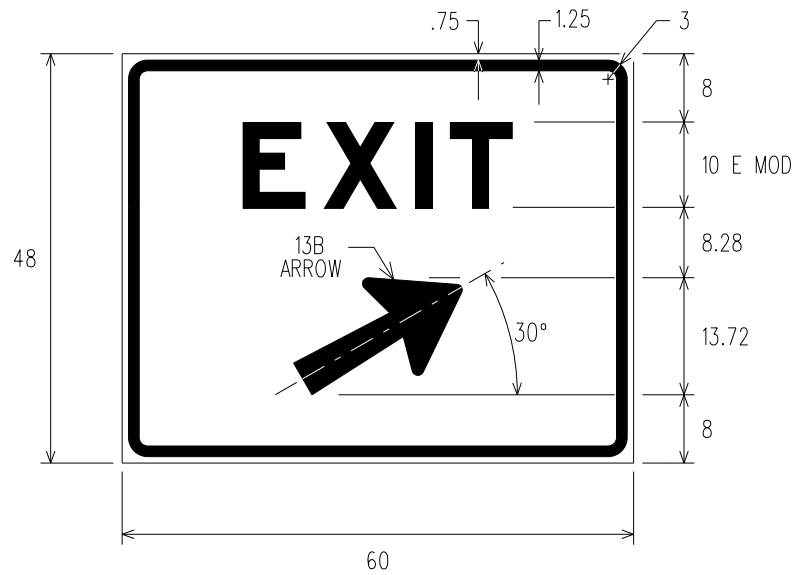
WORK ZONE SIGNS

E5-1f THROUGH E13-1aP
G20-1 THROUGH G20-4
I-6a

M1-1 THROUGH M8-2d
OM-3L, OM-3R
R1-1 THROUGH R11-4
W1-1 THROUGH W24-1cP

NOTE: SEE THE WARNING SIGN MANUAL FOR ALL SIGNS USED
ON NON-WORK ZONE TRUNKLINE.

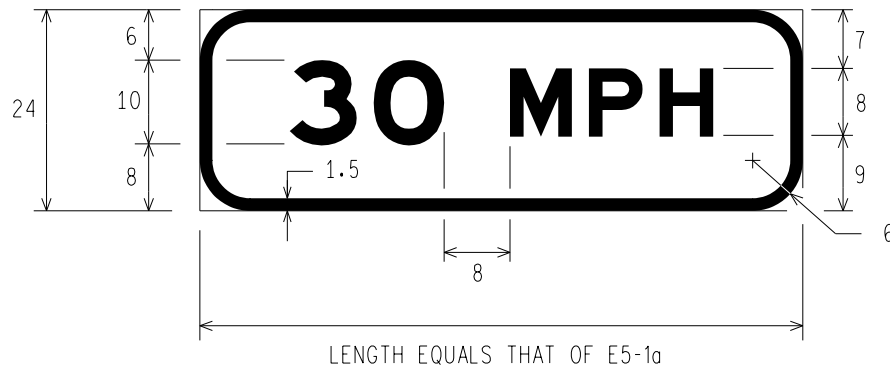
EXIT GORE SIGNS



E5-1f
EXIT GORE SIGN WITH ARROW

COLORS

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



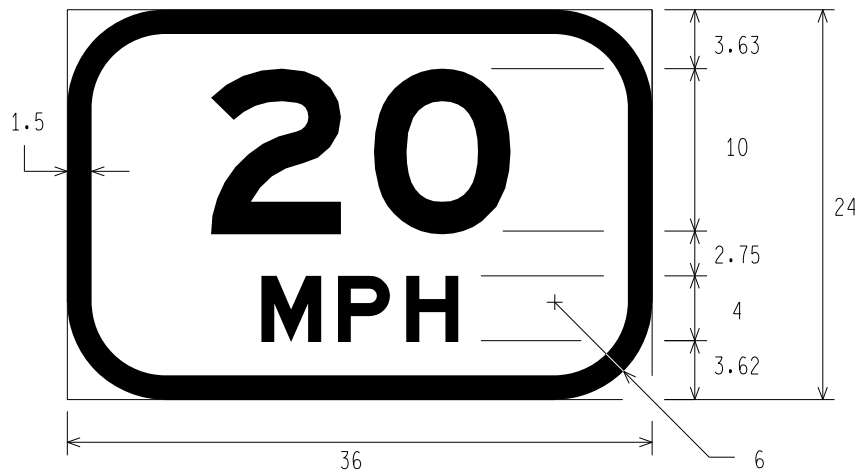
E13-1P

ADVISORY SPEED PLAQUE ONE LINE

1. ONLY FOR USE WHEN WARRANTS ARE MET PER TRAFFIC SIGN DESIGN, PLACEMENT, AND APPLICATION GUIDELINES.
2. NOT TO BE USED AS A STAND ALONE SIGN.
3. ADVISORY SPEED PLAQUE IS TO BE ERECTED UNDER & FLUSH TO PARENT SIGN.
4. FOR EXIT GORE USE ONLY.

COLORS

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

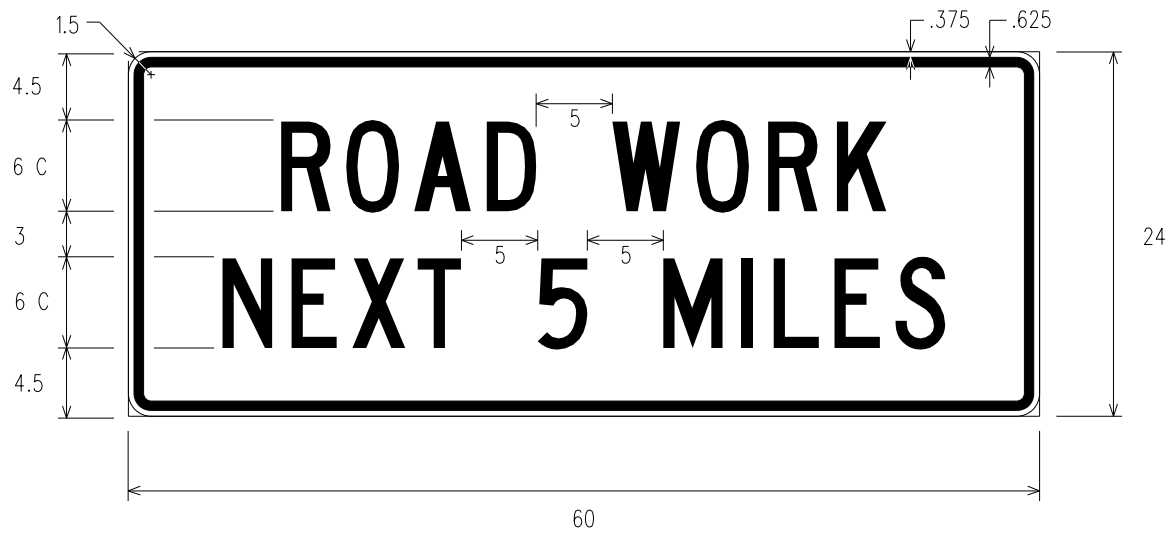


E13-1aP
ADVISORY SPEED PLAQUE TWO LINES

1. NOT TO BE USED AS A STAND ALONE SIGN.
2. ADVISORY SPEED PLAQUE IS TO BE ERECTED UNDER & FLUSH TO PARENT SIGN.
3. LENGTH MATCHES THAT OF E5-1b.
4. FOR EXIT GORE USE ONLY.

COLORS

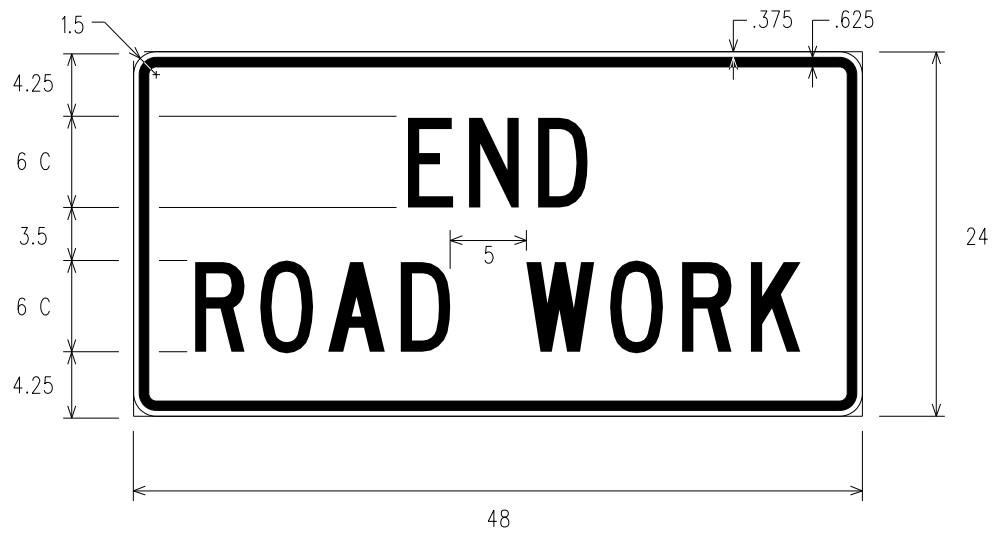
LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - YELLOW (REFL.)
 ALL LEGENDS E MOD FONT
 CENTRALLY LOCATE ALL LEGENDS



G20-1
ROAD WORK NEXT X MILES

COLORS

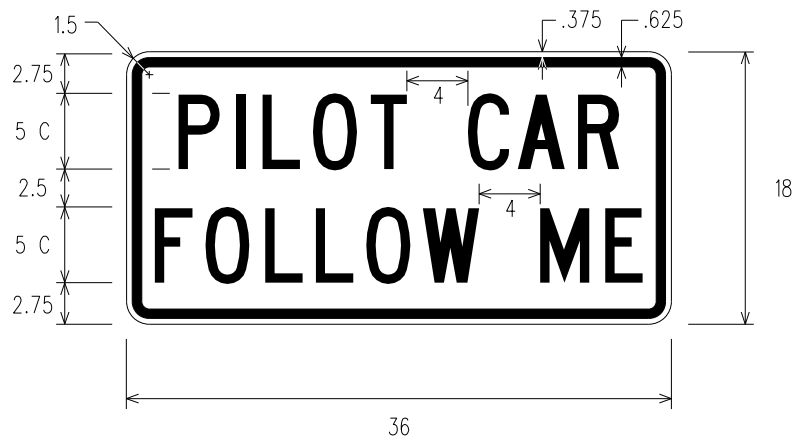
LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
CENTRALLY LOCATE ALL LEGENDS



G20-2
END ROAD WORK

COLORS

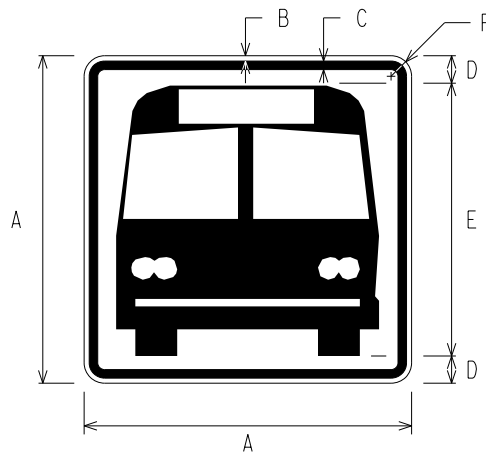
LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
CENTRALLY LOCATE ALL LEGENDS



G20-4
PILOT CAR FOLLOW ME

COLORS

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



I-6a BUS STATION

SIGN	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
MIN.	18	.375	.625	1.5	15	1.5
STD.	24	.375	.625	2	20	1.5
SPECIAL	30	.5	.75	2.5	25	1.875

COLORS

SYMBOL AND BORDER - BLACK (NON-REFL.)

BACKGROUND - ORANGE (REFL.)

CENTRALLY LOCATE ALL LEGENDS



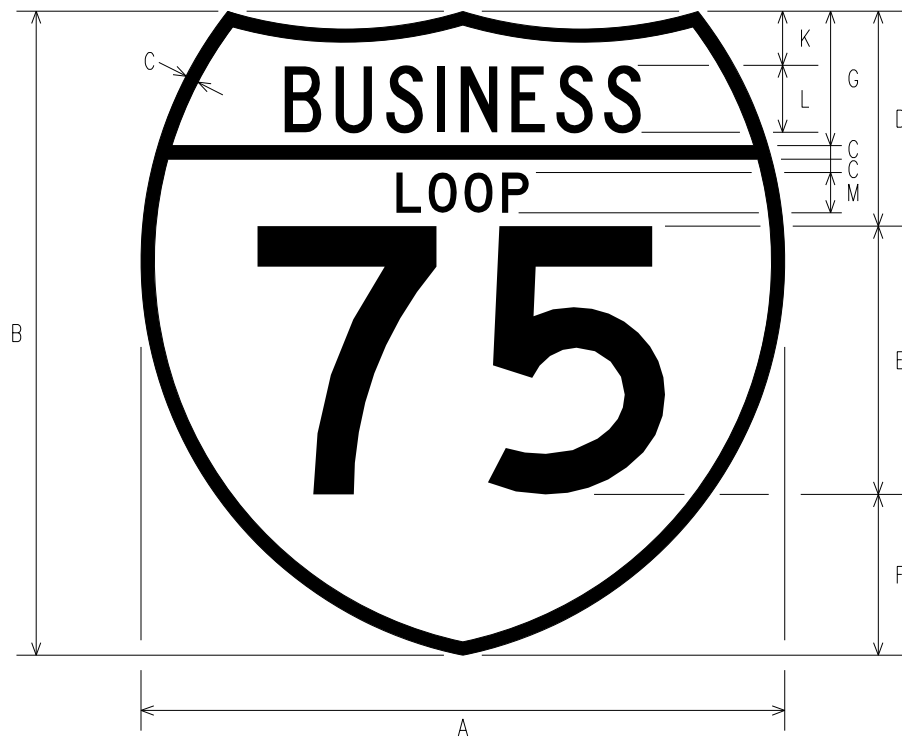
M1-1
INTERSTATE ROUTE MARKER

FOR RADII DIMENSIONS OF THE SHIELD: REFER TO 6-63.10 OF THE APPENDIX

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	K	L
*1-2 DIGITS	18	18	.375	4.781	7.5 D	5.719	3.875	1.5	2 C
1-2 DIGITS	24	24	.5	7.625	10 D	6.375	5	2	2.5 C
1-2 DIGITS	36	36	.75	11.5	15 D	9.5	7.5	2.75	4 C
1-2 DIGITS	48	48	1	15.375	20 D	11	10	4	5 C
*3 DIGITS	22.5	18	.375	4.781	7.5 C	5.719	3.875	1.5	2 E
3 DIGITS	30	24	.5	7.625	10 C	6.375	5	2	2.5 E
3 DIGITS	45	36	.75	11.5	15 C	9.5	7.5	2.75	4 E
3 DIGITS	60	48	1	15.375	20 C	11	10	4	5 E

COLORS

LEGEND AND BORDER - WHITE (REFL.)
 BACKGROUND TOP - RED (REFL.)
 BACKGROUND BOTTOM - BLUE (REFL.)
 CENTRALLY LOCATE ALL LEGENDS
 SERIES 2000 STANDARD ALPHABETS
 *FOR WORK ZONE USE OR WITHIN GUIDE SIGN



M1-2
OFF-INTERSTATE BUSINESS ROUTE (LOOP) MARKER

WHEN OFF-INTERSTATE BUSINESS ROUTE (LOOP) MARKERS ARE UTILIZED ON A GUIDE SIGN A WHITE ACCENT SQUARE SHALL BE USED BEHIND THE MARKER. ALL ACCENT SQUARES SHALL BE 2" LARGER THAN THE ROUTE MARKER.

FOR RADII DIMENSIONS OF THE SHIELD: REFER TO 6-63.10 OF THE APPENDIX

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	K	L	M
*1-2 DIGITS	18	18	.375	6	7 D	5	3.87	1.5	2 C	1 D
1-2 DIGITS	24	24	.5	8	10 D	6	5	2	2.5 C	1.5 D
1-2 DIGITS	36	36	.75	12	15 D	9	7.5	3	3.75 C	2.25 D
1-2 DIGITS	48	48	1	16	20 D	12	10	4	5 C	3 D
*3 DIGITS	22.5	18	.375	6	7 D	5	3.87	1.5	2 C	1 D
3 DIGITS	30	24	.5	8	10 D	6	5	2	2.5 C	1.5 D
3 DIGITS	45	36	.75	12	15 D	9	7.5	3	3.75 C	2.25 D
3 DIGITS	60	48	1	16	20 D	12	10	4	5 C	3 D

COLORS

LEGEND AND BORDER - WHITE (REFL.)

BACKGROUND - GREEN (REFL.)

CENTRALLY LOCATE ALL LEGENDS

*FOR WORK ZONE USE OR WITHIN GUIDE SIGN



M1-3

OFF-INTERSTATE BUSINESS ROUTE (SPUR) MARKER

WHEN OFF-INTERSTATE BUSINESS ROUTE (SPUR) MARKERS ARE UTILIZED ON A GUIDE SIGN A WHITE ACCENT SQUARE SHALL BE USED BEHIND THE MARKER. ALL ACCENT SQUARES SHALL BE 2" LARGER THAN THE ROUTE MARKER.

FOR RADII DIMENSIONS OF THE SHIELD: REFER TO 6-63.10 OF THE APPENDIX

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	K	L	M
*1-2 DIGITS	18	18	.375	6	7 D	5	3.87	1.5	2 C	1 D
1-2 DIGITS	24	24	.5	8	10 D	6	5	2	2.5 C	1.5 D
1-2 DIGITS	36	36	.75	12	15 D	9	7.5	3	3.75 C	2.25 D
1-2 DIGITS	48	48	1	16	20 D	12	10	4	5 C	3 D
*3 DIGITS	22.5	18	.375	6	7 D	5	3.87	1.5	2 C	1 D
3 DIGITS	30	24	.5	8	10 D	6	5	2	2.5 C	1.5 D
3 DIGITS	45	36	.75	12	15 D	9	7.5	3	3.75 C	2.25 D
3 DIGITS	60	48	1	16	20 D	12	10	4	5 C	3 D

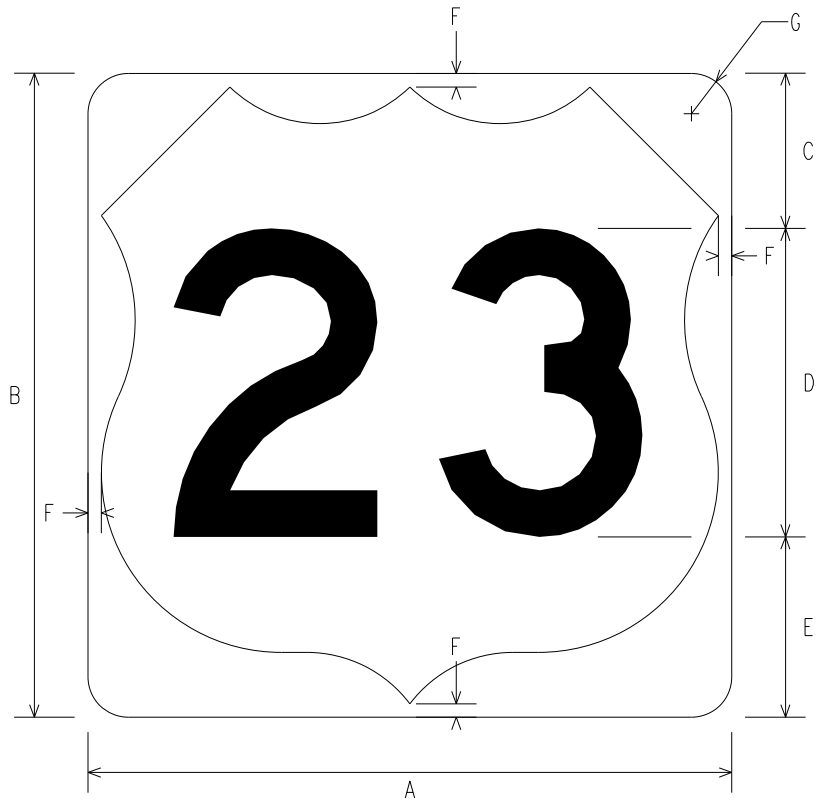
COLORS

LEGEND AND BORDER - WHITE (REFL.)

BACKGROUND - GREEN (REFL.)

CENTRALLY LOCATE ALL LEGENDS

*FOR WORK ZONE USE OR WITHIN GUIDE SIGN



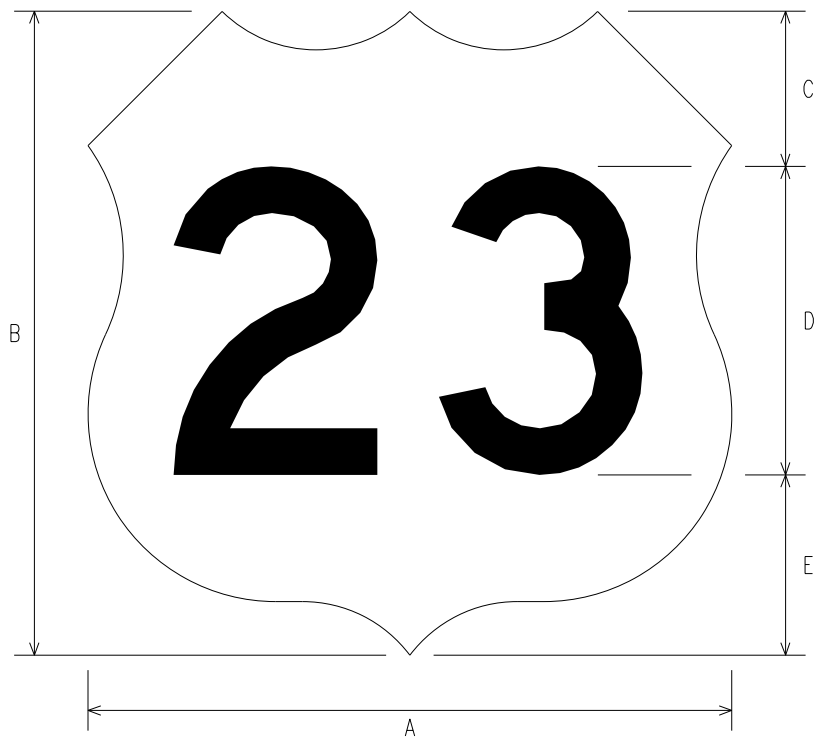
M1-4
U.S. ROUTE MARKER (FOR INDEPENDENT USE)

FOR RADII DIMENSIONS OF THE SHIELD: REFER TO 6-63.20 OF THE APPENDIX

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
* 1-2 DIGITS	18	18	4.25	9 D	4.75	.375	1.125
1-2 DIGITS	24	24	5.5	12 D	6.5	.5	1.5
1-2 DIGITS	36	36	8.25	18 D	9.75	.75	2.25
1-2 DIGITS	48	48	11	24 D	13	1	3
* 3 DIGITS	22.5	18	4.25	9 D	4.75	.375	1.125
3 DIGITS	30	24	5.5	12 D	6.5	.5	1.5
3 DIGITS	45	36	8.25	18 D	9.75	.75	2.25
3 DIGITS	60	48	11	24 D	13	1	3

COLORS

LEGEND - BLACK (NON-REFL.)
 SHIELD - WHITE (REFL.)
 BACKGROUND - BLACK (NON-REFL.)
 CENTRALLY LOCATE ALL LEGENDS
 *FOR WORK ZONE USE



M1-4a
U.S. ROUTE MARKER (FOR GUIDE SIGN USE)

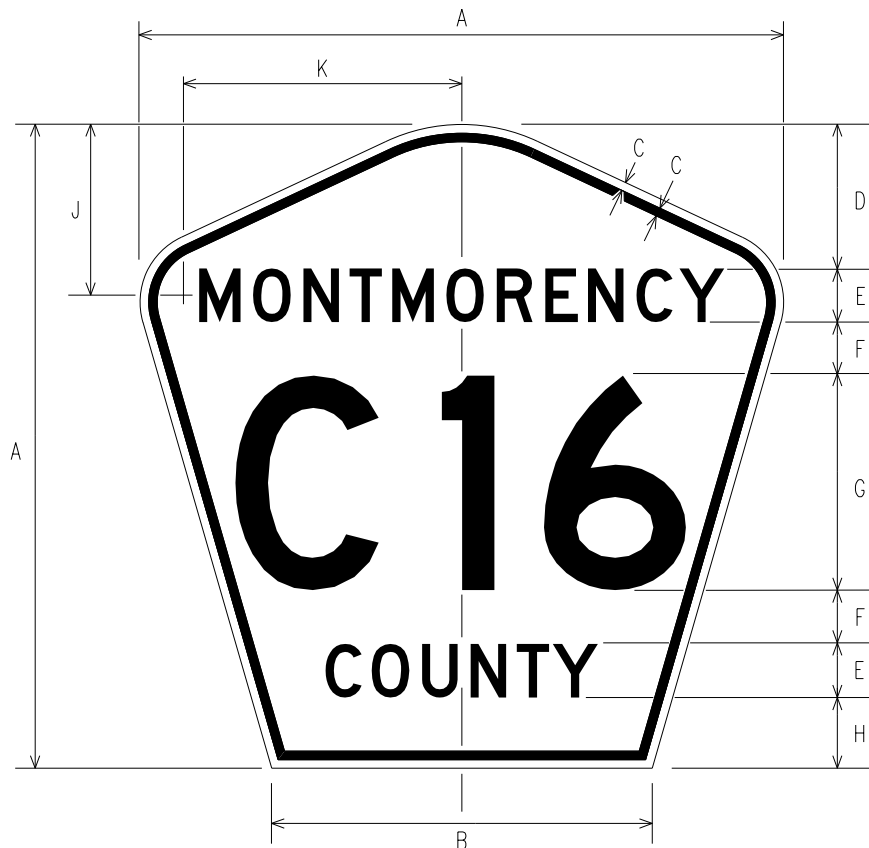
WHEN U.S. ROUTE MARKERS ARE UTILIZED ON A GUIDE SIGN A WHITE ACCENT SQUARE SHALL BE USED BEHIND THE MARKER. ALL ACCENT SQUARES SHALL BE 2" LARGER THAN THE ROUTE MARKER.

FOR RADII DIMENSIONS OF THE SHIELD: REFER TO 6-63.25 OF THE APPENDIX

SIGN	DIMENSIONS (INCHES)				
	A	B	C	D	E
1-2 DIGITS	18	18	4.25	9 D	4.75
1-2 DIGITS	24	24	5.5	12 D	6.5
1-2 DIGITS	36	36	8.25	18 D	9.75
1-2 DIGITS	48	48	11	24 D	13
3 DIGITS	22.5	18	4.25	9 D	4.75
3 DIGITS	30	24	5.5	12 D	6.5
3 DIGITS	45	36	8.25	18 D	9.75
3 DIGITS	60	48	11	24 D	13

COLORS

LEGEND - BLACK (NON-REFL.)
BACKGROUND - WHITE (REFL.)
CENTRALLY LOCATE ALL LEGENDS



M1-5
COUNTY ROUTE MARKER

WHEN COUNTY ROUTE MARKERS ARE UTILIZED ON A GUIDE SIGN A YELLOW ACCENT SQUARE SHALL BE USED BEHIND THE MARKER. ALL ACCENT SQUARES SHALL BE 2" LARGER THAN THE ROUTE MARKER.

FOR RADII DIMENSIONS OF THE SHIELD: REFER TO 6-63.30 OF THE APPENDIX

SIGN	DIMENSIONS (INCHES)										ACCENT SQUARE	
	A	B	C	D	E	F	G	H	J	K	WIDTH	HEIGHT
* MIN.	18	11.188	.25	4	1.5 D	1.5	6 D	2	5	7	22	22
STD.	24	14.875	.313	5.375	2 D	2	8 D	2.625	6.688	9.313	28	28
SPECIAL	30	18.625	.438	6.688	2.5 D	2.5	10 D	3.313	8.313	11.688	34	34
FREEWAY	36	22.375	.5	8	3 D	3	12 D	4	10	14	40	40

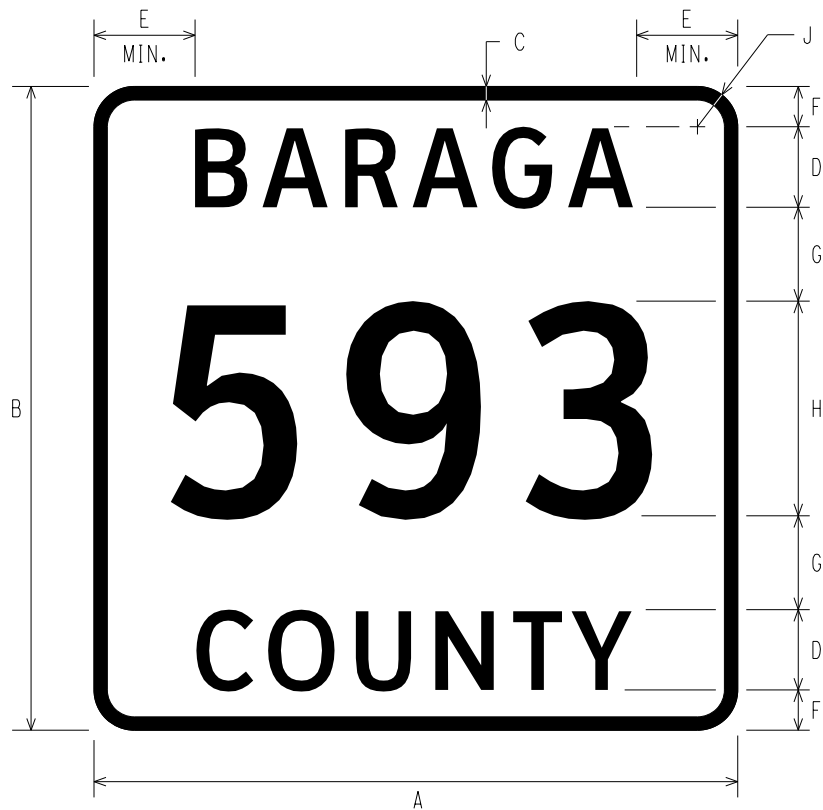
COLORS

LEGEND AND BORDER - YELLOW (REFL.)

BACKGROUND - BLUE (REFL.)

CENTRALLY LOCATE ALL LEGENDS

*FOR WORK ZONE USE OR WITHIN GUIDE SIGN



M1-5a
INTER COUNTY ROUTE MARKER

WHEN COUNTY ROUTE MARKERS ARE UTILIZED ON A GUIDE SIGN A YELLOW ACCENT SQUARE SHALL BE USED BEHIND THE MARKER. ALL ACCENT SQUARES SHALL BE 2" LARGER THAN THE ROUTE MARKER.

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
* MIN.	18 MIN.	18	.5	2 3-W	2 MIN.	1.5	2.5	6 3-W	1.5
STD.	24 MIN.	24	.5	3 3-W	3 MIN.	1.5	3.5	8 3-W	1.5

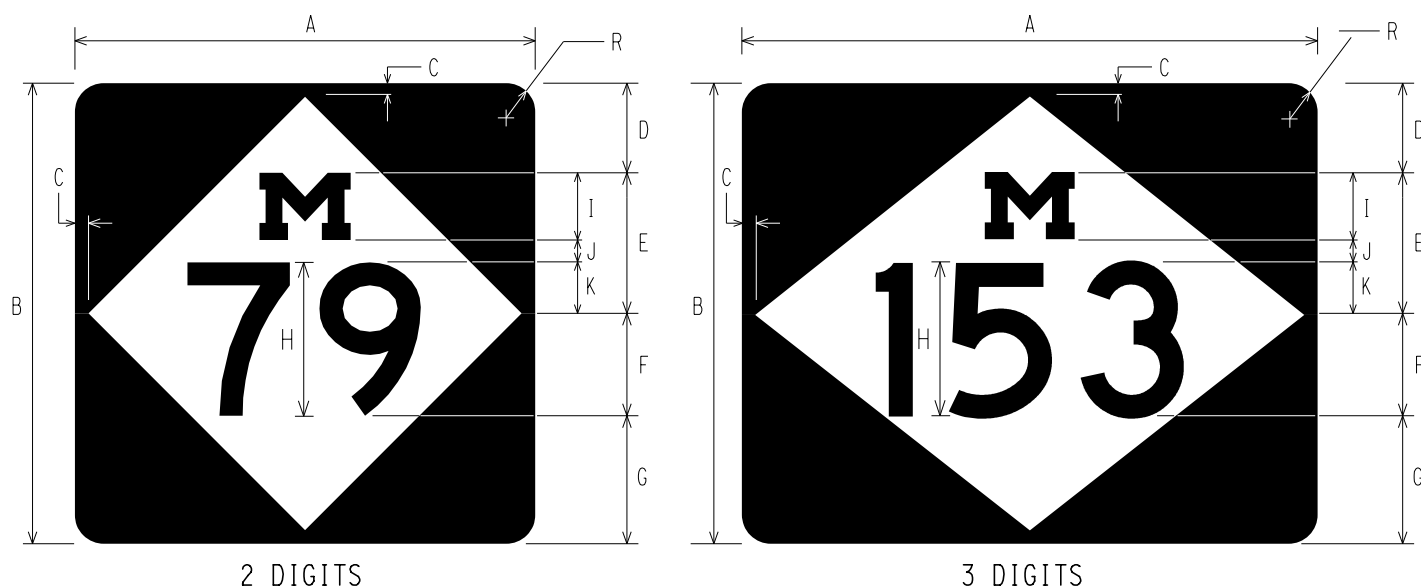
COLORS

LEGEND AND BORDER - WHITE (REFL.)

BACKGROUND - GREEN (REFL.)

CENTRALLY LOCATE ALL LEGENDS

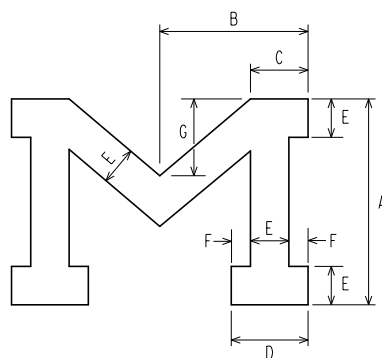
*FOR WORK ZONE USE OR WITHIN GUIDE SIGN



M1-6
STATE ROUTE MARKER (FOR INDEPENDENT USE)

SIGN

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	I	J	K	R
* 2 DIGITS	18	18	.516	3.5	5.5	4	5	6 D	2.625	.875	2	1.125
2 DIGITS	24	24	.688	4.625	7.375	5.375	6.625	8 D	3.5	1.25	2.625	1.5
2 DIGITS	36	36	1.06	6.94	11.06	8.06	9.94	12 D	5.25	1.875	3.94	2.25
* 3 DIGITS	22.5	18	.516	3.5	5.5	4	5	6 D	2.625	.875	2	1.125
3 DIGITS	30	24	.688	4.625	7.375	5.375	6.625	8 B	3.5	1.25	2.625	1.5
3 DIGITS	45	36	1.06	6.94	11.06	8.06	9.94	12 B	5.25	1.875	3.94	2.25



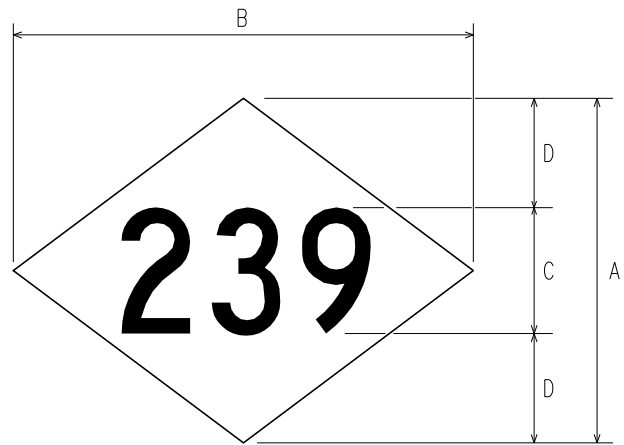
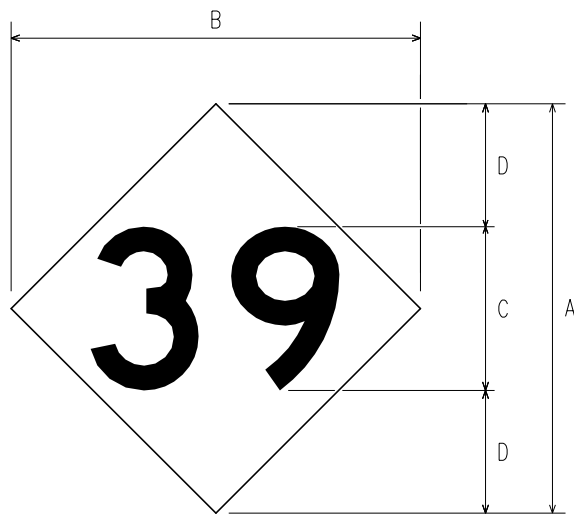
BLOCK LETTER "M"

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
18 X 18	2.625	1.781	0.891	1.125	.656	.235	.938
22.5 X 18	2.625	1.781	0.891	1.125	.656	.235	.938
24 X 24	3.5	2.375	1.188	1.5	.875	.313	1.25
30 X 24	3.5	2.375	1.188	1.5	.875	.313	1.25
36 X 36	5.25	3.562	1.812	2.25	1.313	.469	1.875
45 X 36	5.25	3.562	1.812	2.25	1.313	.469	1.875

COLORS

DIAMOND - WHITE (REFL.)
BACKGROUND & LEGEND - BLACK (NON-REFL.)
* FOR WORK ZONE USE

ROUTE MARKER DETAILS FOR GUIDE SIGN USE



M1-6a

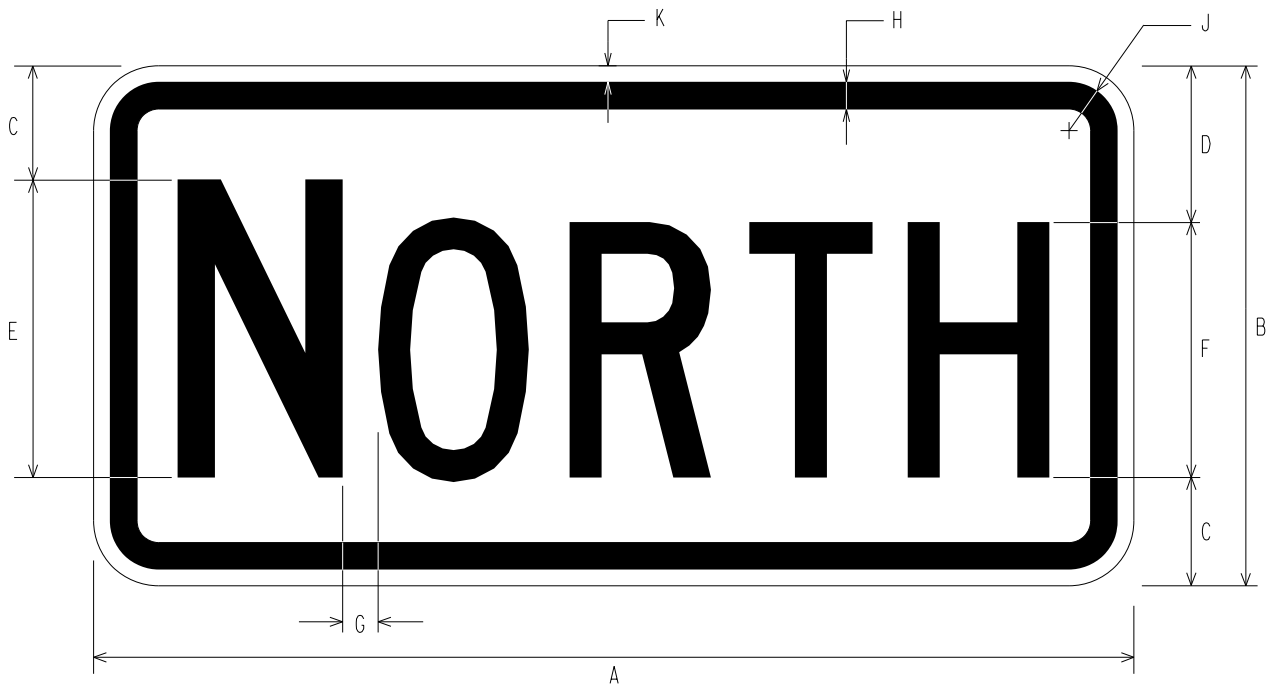
STATE ROUTE MARKER DETAILS (FOR GUIDE SIGN USE)

SIGN	DIMENSIONS (INCHES)			
	A	B	C	D
2 DIGITS	12	12	5 D	3.5
2 DIGITS	18	18	8 D	5
2 DIGITS	24	24	10 D	7
2 DIGITS	30	30	12 D	9
2 DIGITS	36	36	15 D	10.5
3 DIGITS	13.5	18	5 C	4.25
3 DIGITS	20.5	27.38	8 C	6.25
3 DIGITS	27	36	10 C	8.5
3 DIGITS	34	45.25	12 C	11
3 DIGITS	41	54.75	15 C	13

- ALL 1 AND 2 DIGIT DESIGNATIONS SERIES "D" OF THE HEIGHT INDICATED EXCEPT THE COMBINATION "22" WHICH SHALL BE SERIES "C". ALL 3 DIGIT DESIGNATIONS SHALL BE EITHER SERIES "C" OR SERIES "B". (USE THE WIDER SERIES WHENEVER POSSIBLE).
- WHERE NECESSARY, SPACING BETWEEN NUMERALS MAY BE SOMEWHAT LESS THAN THAT SPECIFIED BY FHWA STANDARDS. THE ROUTE NUMBER SHALL BE OPTICALLY CENTERED HORIZONTALLY ON THE SIGN.
- USE 30" TALL PANEL WITH 13.3" AND 10" LEGEND
USE 36" TALL PANEL WITH 16" AND 12" LEGEND

COLORS

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



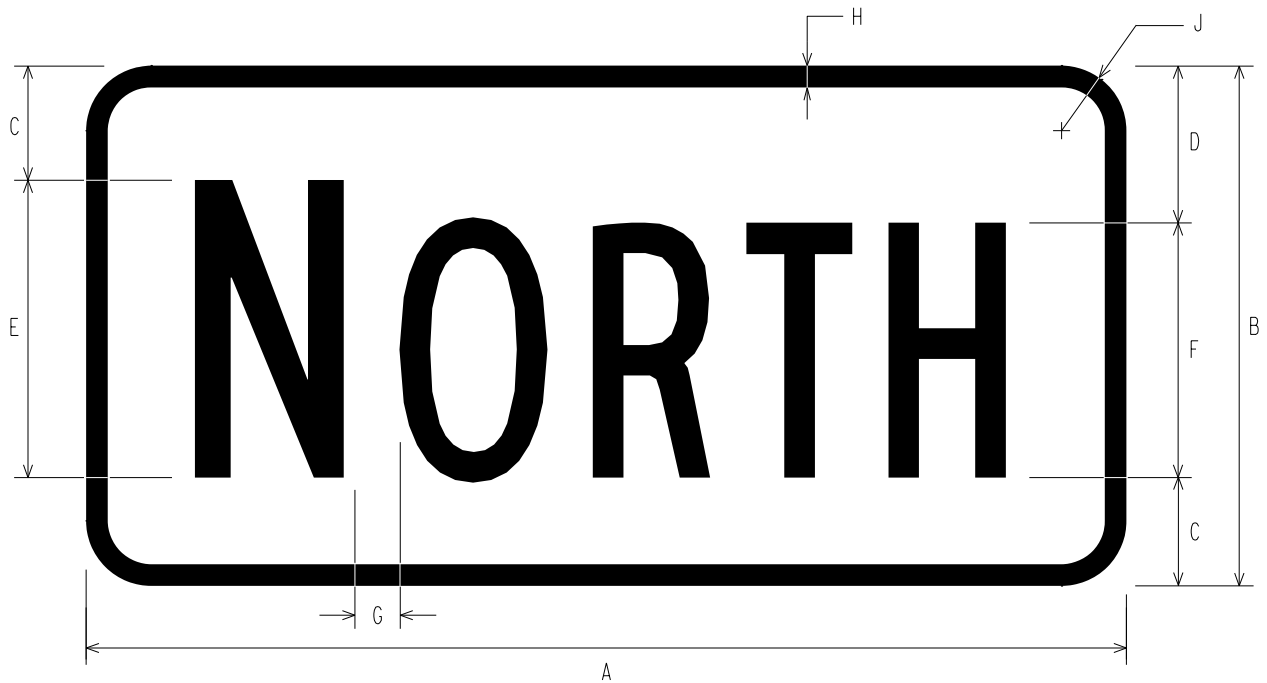
M3-1
CARDINAL DIRECTION AUXILIARY

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
BIKE	12	6	1.25	1.75	3.5 C	3 C	0.475	0.3	.75	0.2
WORK ZONE	18	9	2	2.5	5 C	4.5 C	0.71	0.45	1.125	0.3
STD./MIN.	24	12	2.5	3.5	7 C	6 C	0.95	0.6	1.5	0.4
SPECIAL	30	15	2.5	4.5	10 C	8 C	0.84	0.6	1.5	0.4
FREEWAY	36	18	4	6	10 C	8 C	1.68	0.6	1.5	0.4

NOTE: REDUCE SPACING BETWEEN LETTERS TO 75% FOR BIKE, WORK ZONE, AND STD./MIN.
REDUCE SPACING BETWEEN LETTERS TO 50% FOR SPECIAL.

COLORS

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



M3-1a: (INTERSTATE)
CARDINAL DIRECTION AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BLUE (REFL.)

M3-1b: (OFF-INTERSTATE/BICYCLE FACILITIES)
CARDINAL DIRECTION AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - GREEN (REFL.)

M3-1c: (COUNTY)
CARDINAL DIRECTION AUXILIARY

COLORS

LEGEND AND BORDER - YELLOW (REFL.)
BACKGROUND - BLUE (REFL.)

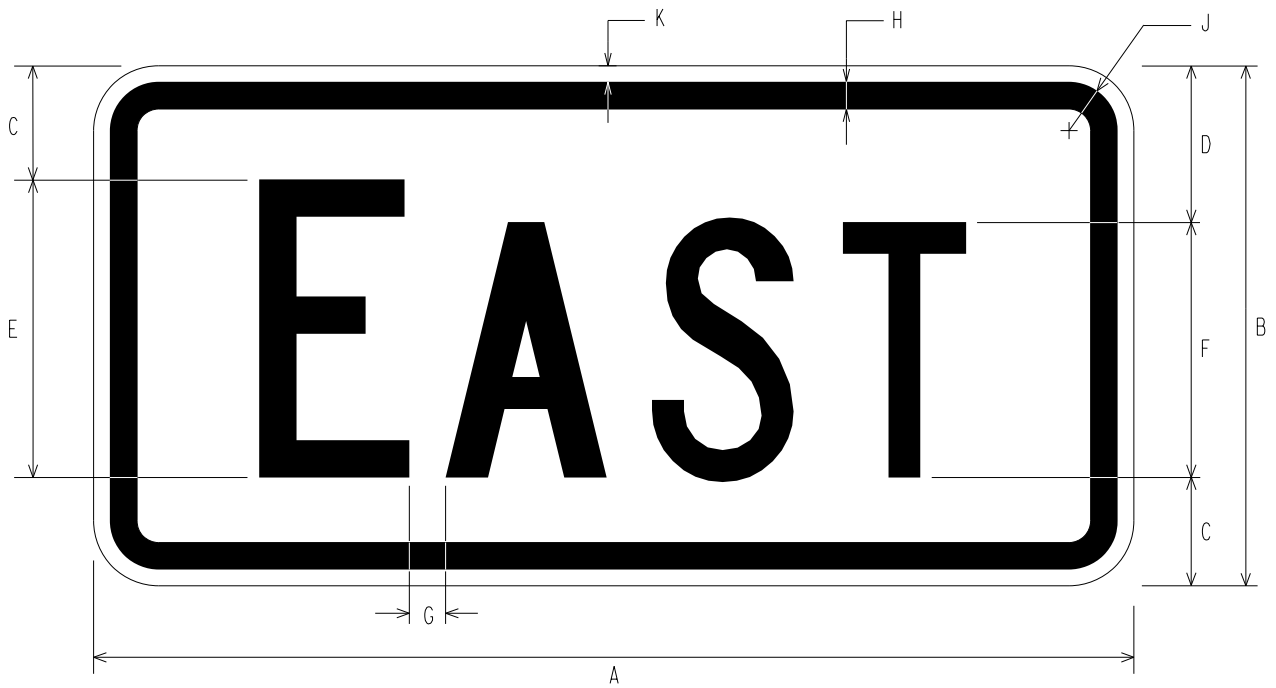
M3-1d: (RECREATIONAL)
CARDINAL DIRECTION AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BROWN (REFL.)

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
BIKE	12	6	1.25	1.75	3.5 1-W	3 1-W	0.52	.25	.75
WORK ZONE	18	9	2	2.5	5 1-W	4.5 1-W	0.78	.375	1.125
STD./MIN.	24	12	2.5	3.5	7 1-W	6 1-W	1.04	0.5	1.5
SPECIAL	30	15	2.5	4.5	10 1-W	8 1-W	0.93	0.5	1.5
FREEWAY	36	18	4	6	10 1-W	8 1-W	1.85	0.5	1.5

NOTE: REDUCE SPACING BETWEEN LETTERS TO 75% FOR BIKE, WORK ZONE, AND STD./MIN.
REDUCE SPACING BETWEEN LETTERS TO 50% FOR SPECIAL.



M3-2
CARDINAL DIRECTION AUXILIARY

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
BIKE	12	6	1.25	1.75	3.5 C	3 C	0.50	0.3	.75	0.2
WORK ZONE	18	9	2	2.5	5 C	4.5 C	0.76	0.45	1.125	0.3
STD./MIN.	24	12	2.5	3.5	7 C	6 C	1.01	0.6	1.5	0.4
SPECIAL	30	15	2.5	4.5	10 C	8 C	1.35	0.6	1.5	0.4
FREEWAY	36	18	4	6	10 C	8 C	1.35	0.6	1.5	0.4

COLORS

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



M3-2a: (INTERSTATE)
CARDINAL DIRECTION AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BLUE (REFL.)

M3-2b: (OFF-INTERSTATE/BICYCLE FACILITIES)
CARDINAL DIRECTION AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - GREEN (REFL.)

M3-2c: (COUNTY)
CARDINAL DIRECTION AUXILIARY

COLORS

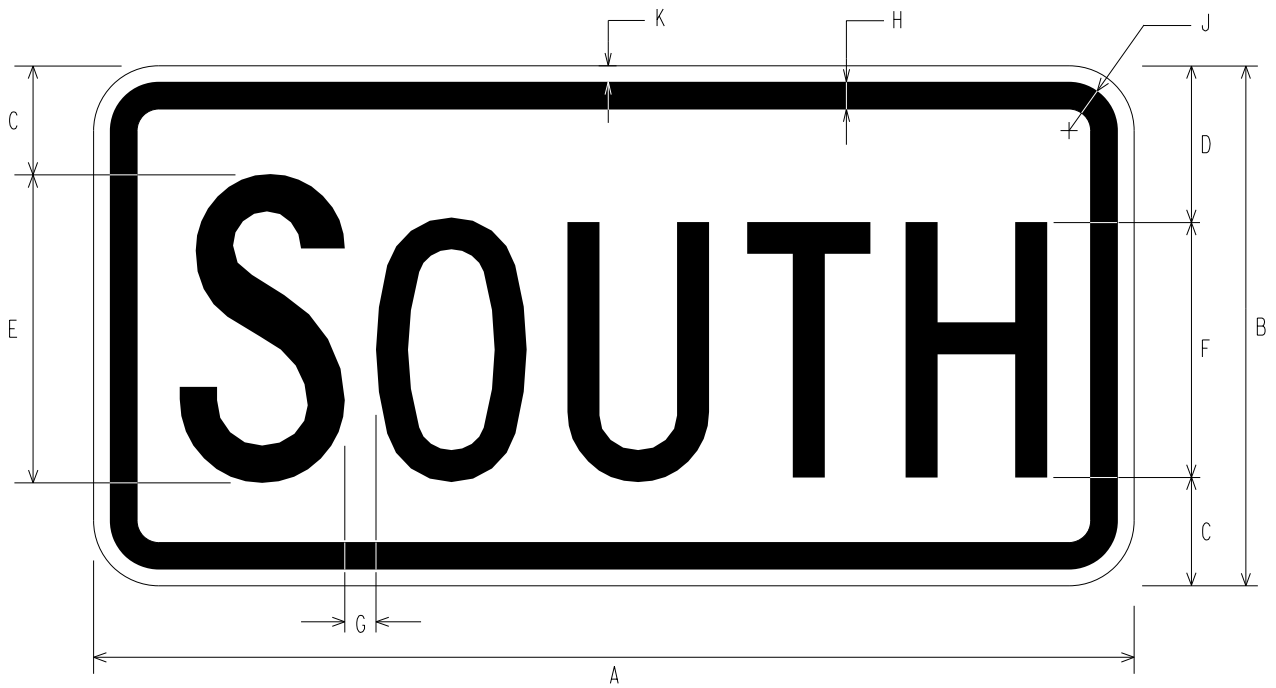
LEGEND AND BORDER - YELLOW (REFL.)
BACKGROUND - BLUE (REFL.)

M3-2d: (RECREATIONAL)
CARDINAL DIRECTION AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BROWN (REFL.)

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
BIKE	12	6	1.25	1.75	3.5 2-W	3 2-W	0.37	.25	.75
WORK ZONE	18	9	2	2.5	5 2-W	4.5 2-W	0.56	.375	1.125
STD./MIN.	24	12	2.5	3.5	7 2-W	6 2-W	0.75	0.5	1.5
SPECIAL	30	15	2.5	4.5	10 2-W	8 2-W	1.00	0.5	1.5
FREEWAY	36	18	4	6	10 2-W	8 2-W	1.00	0.5	1.5



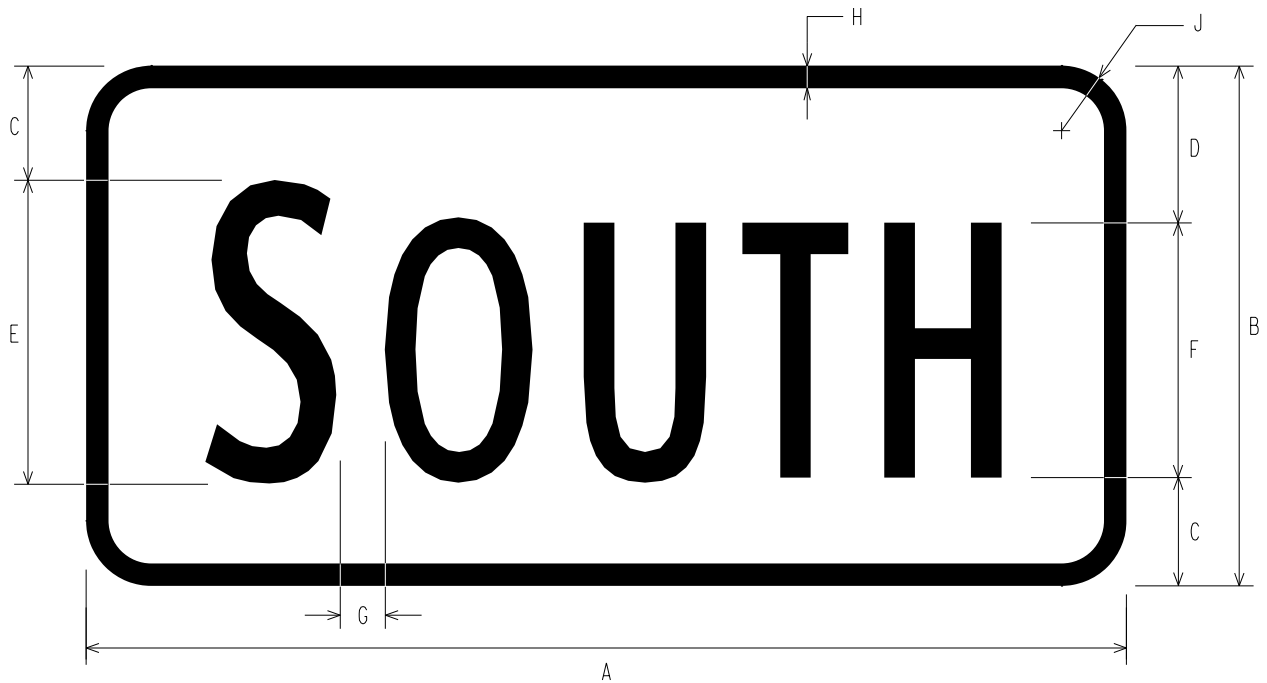
M3-3
CARDINAL DIRECTION AUXILIARY

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
BIKE	12	6	1.25	1.75	3.5 C	3 C	0.47	0.3	.75	0.2
WORK ZONE	18	9	2	2.5	5 C	4.5 C	0.71	0.45	1.125	0.3
STD./MIN.	24	12	2.5	3.5	7 C	6 C	0.95	0.6	1.5	0.4
SPECIAL	30	15	2.5	4.5	10 C	8 C	0.84	0.6	1.5	0.4
FREEWAY	36	18	4	6	10 C	8 C	1.68	0.6	1.5	0.4

NOTE: REDUCE SPACING BETWEEN LETTERS TO 75% FOR BIKE, WORK ZONE, AND STD./MIN.
REDUCE SPACING BETWEEN LETTERS TO 50% FOR SPECIAL.

COLORS

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



M3-3a: (INTERSTATE)
CARDINAL DIRECTION AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)

BACKGROUND - BLUE (REFL.)

M3-3b: (OFF-INTERSTATE/BICYCLE FACILITIES)
CARDINAL DIRECTION AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)

BACKGROUND - GREEN (REFL.)

M3-3c: (COUNTY)
CARDINAL DIRECTION AUXILIARY

COLORS

LEGEND AND BORDER - YELLOW (REFL.)

BACKGROUND - BLUE (REFL.)

M3-3d: (RECREATIONAL)
CARDINAL DIRECTION AUXILIARY

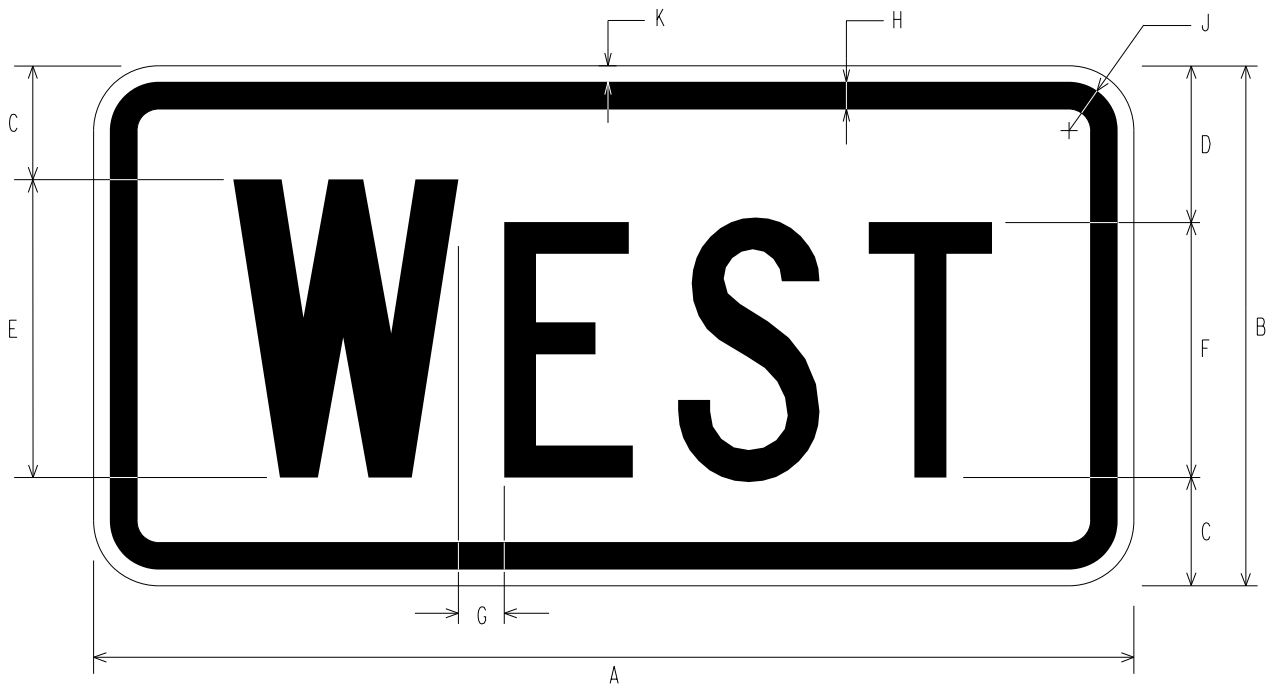
COLORS

LEGEND AND BORDER - WHITE (REFL.)

BACKGROUND - BROWN (REFL.)

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
BIKE	12	6	1.25	1.75	3.5 1-W	3 1-W	0.52	.25	.75
WORK ZONE	18	9	2	2.5	5 1-W	4.5 1-W	0.78	.375	1.125
STD./MIN.	24	12	2.5	3.5	7 1-W	6 1-W	1.04	0.5	1.5
SPECIAL	30	15	2.5	4.5	10 1-W	8 1-W	0.93	0.5	1.5
FREEWAY	36	18	4	6	10 1-W	8 1-W	1.85	0.5	1.5

NOTE: REDUCE SPACING BETWEEN LETTERS TO 75% FOR BIKE, WORK ZONE, AND STD./MIN.
REDUCE SPACING BETWEEN LETTERS TO 50% FOR SPECIAL.

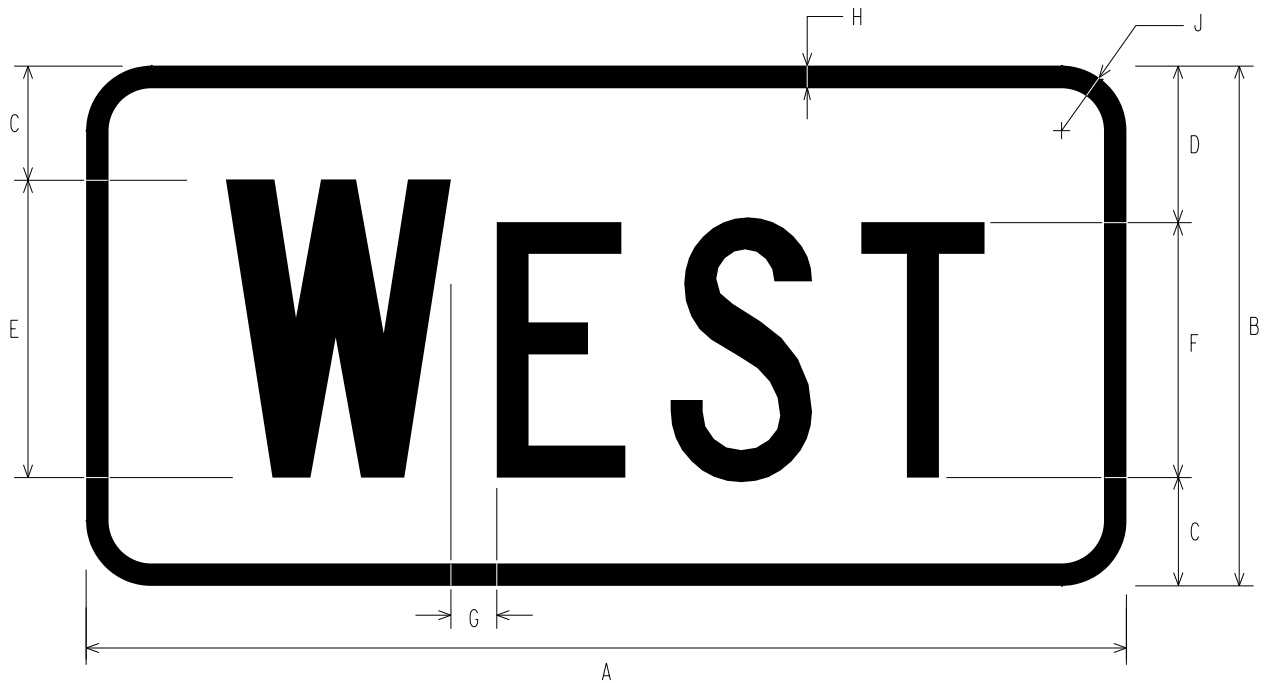


M3-4
CARDINAL DIRECTION AUXILIARY

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
BIKE	12	6	1.25	1.75	3.5 C	3 C	0.5	0.3	.75	0.2
WORK ZONE	18	9	2	2.5	5 C	4.5 C	0.75	0.45	1.125	0.3
STD./MIN.	24	12	2.5	3.5	7 C	6 C	1.01	0.6	1.5	0.4
SPECIAL	30	15	2.5	4.5	10 C	8 C	1.35	0.6	1.5	0.4
FREEWAY	36	18	4	6	10 C	8 C	1.35	0.6	1.5	0.4

COLORS

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



M3-4a: (INTERSTATE)
CARDINAL DIRECTION AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BLUE (REFL.)

M3-4b: (OFF-INTERSTATE/BICYCLE FACILITIES)
CARDINAL DIRECTION AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - GREEN (REFL.)

M3-4c: (COUNTY)
CARDINAL DIRECTION AUXILIARY

COLORS

LEGEND AND BORDER - YELLOW (REFL.)
BACKGROUND - BLUE (REFL.)

M3-4d: (RECREATIONAL)
CARDINAL DIRECTION AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BROWN (REFL.)

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
BIKE	12	6	1.25	1.75	3.5 2-W	3 2-W	0.49	.25	.75
WORK ZONE	18	9	2	2.5	5 2-W	4.5 2-W	0.74	.375	1.125
STD./MIN.	24	12	2.5	3.5	7 2-W	6 2-W	0.98	0.5	1.5
SPECIAL	30	15	2.5	4.5	10 2-W	8 2-W	1.31	0.5	1.5
FREEWAY	36	18	4	6	10 2-W	8 2-W	1.31	0.5	1.5



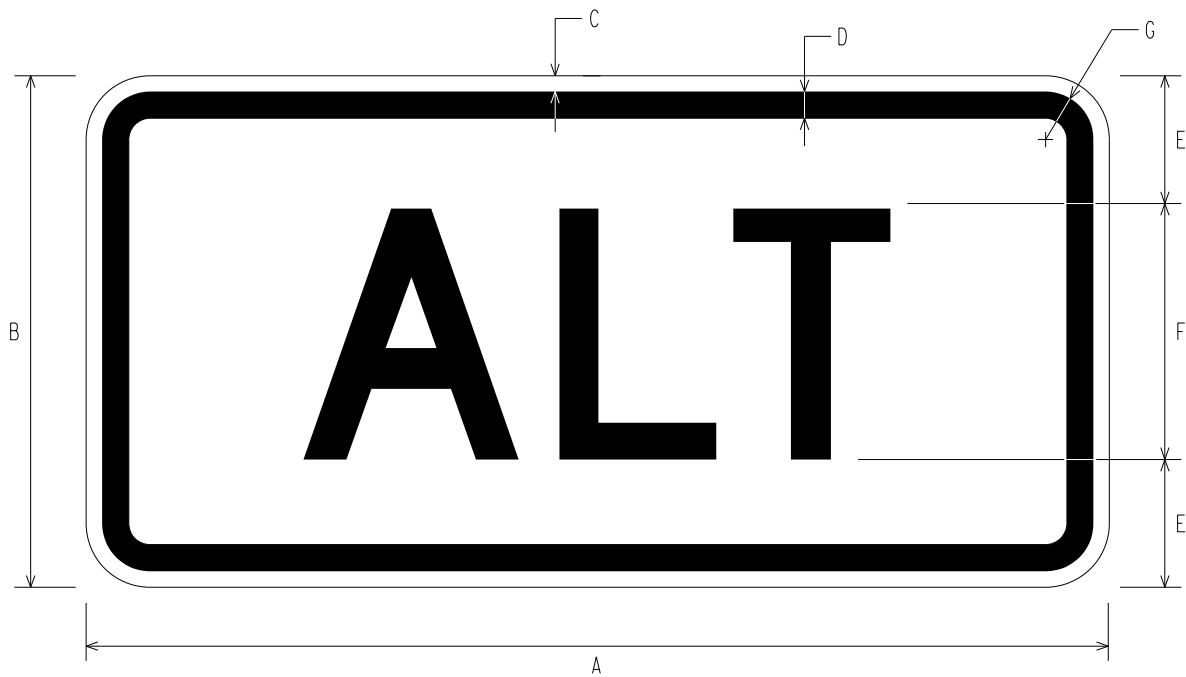
M4 - 1
ALTERNATE AUXILIARY

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
BIKE	12	6	.187	.312	2	2 B	.75
WORK ZONE	18	9	.281	.469	3	3 B	1.125
STD./MIN.	24	12	.375	.625	4	4 B	1.5
SPECIAL	30	15	.375	.625	4.5	6 B	1.5
FREEWAY	36	18	.375	.625	5.5	7 B	1.5

NOTE: REDUCE SPACING BETWEEN LETTERS TO 50% FOR SPECIAL & FREEWAY.

COLORS

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



M4-1a
ABBREVIATED ALTERNATE AUXILIARY

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
BIKE	12	6	.187	.312	1.5	3 D	.75
WORK ZONE	18	9	.281	.469	2.25	4.5 E	1.125
STD./MIN.	24	12	.375	.625	3	6 D	1.5
SPECIAL	30	15	.375	.625	3.5	8 D	1.5
FREEWAY	36	18	.375	.625	4.5	9 D	1.5

COLORS

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



M4-1b (INTERSTATE)
ALTERNATE AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BLUE (REFL.)

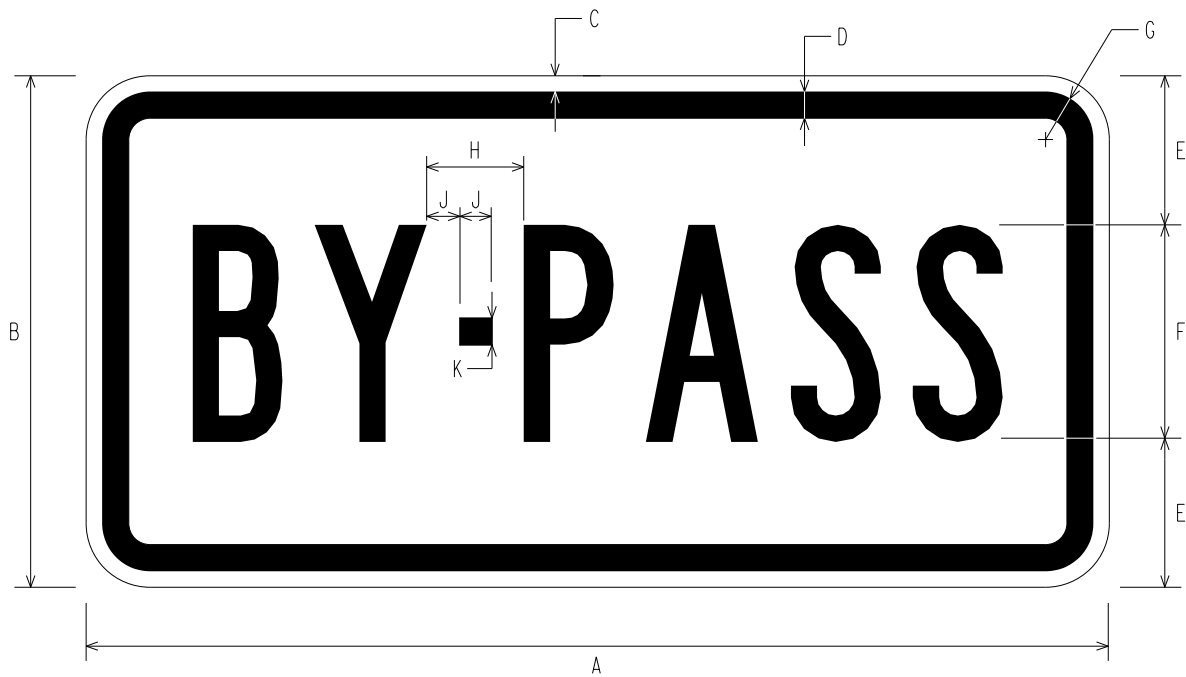
M4-1c (OFF-INTERSTATE/BICYCLE FACILITIES)
ALTERNATE AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - GREEN (REFL.)

SIGN	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
BIKE	12	6	.25	2	2 1-W	.75
WORK ZONE	18	9	.375	3	3 1-W	1.125
STD./MIN.	24	12	.5	4	4 1-W	1.5
SPECIAL	30	15	.5	5	5 1-W	1.5
FREEWAY	36	18	.5	6	6 1-W	1.5

NOTE: REDUCE SPACING BETWEEN LETTERS TO 75% FOR ALL SIZES.

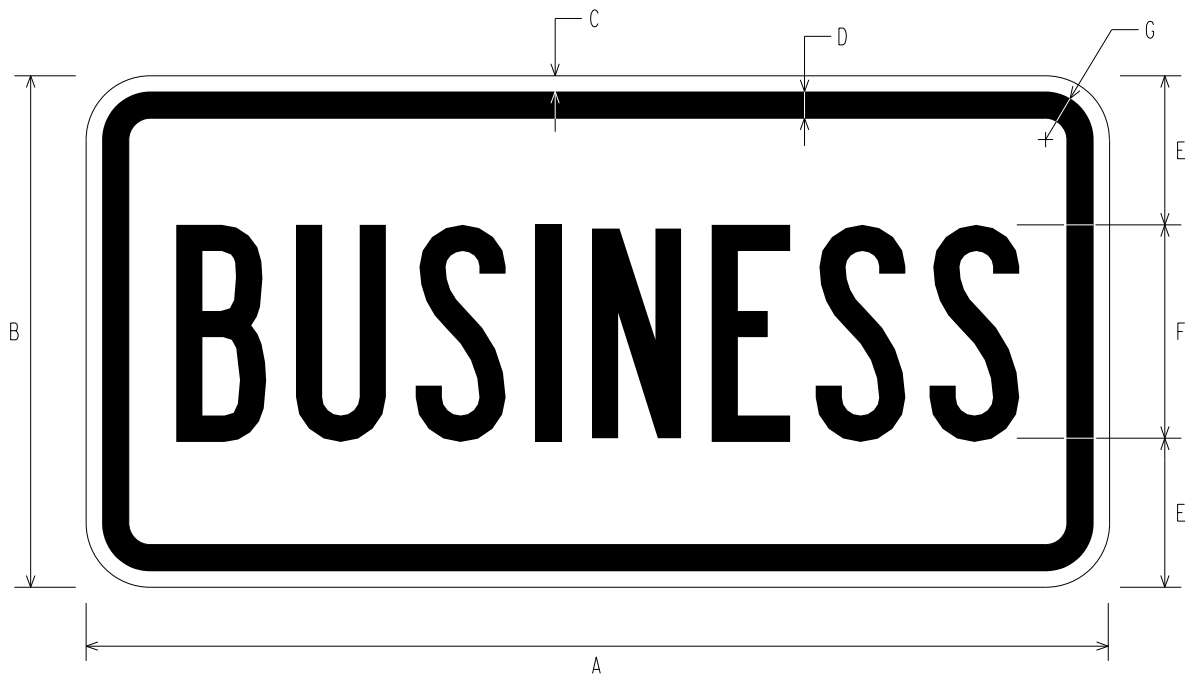


M4-2
BY-PASS AUXILIARY

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
BIKE	12	6	.187	.312	1.75	2.5 B	.75	1.5	.5	.375
WORK ZONE	18	9	.281	.469	2.5	4 B	1.125	1.875	.625	.5
STD./MIN.	24	12	.375	.625	3.5	5 B	1.5	2.25	.75	.625
SPECIAL	30	15	.375	.625	4	7 B	1.5	3	1	.875
FREEWAY	36	18	.375	.625	5	8 B	1.5	3.75	1.25	1.125

COLORS

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



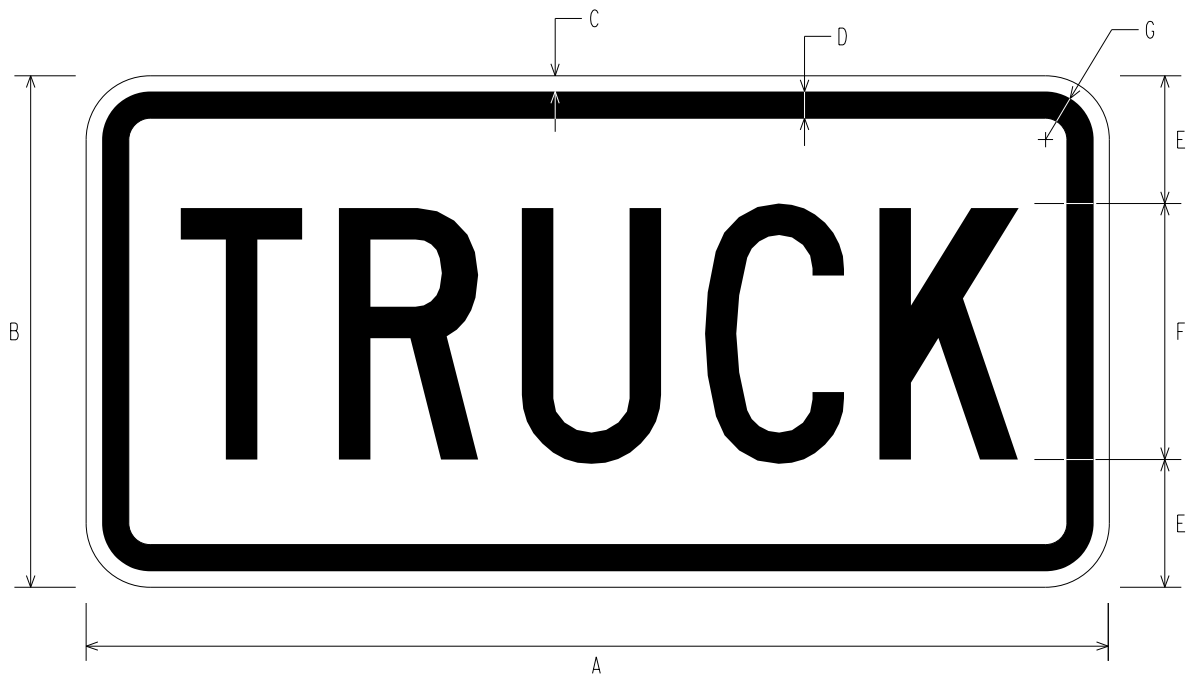
M4-3
BUSINESS AUXILIARY

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
BIKE	12	6	.187	.312	1.75	2.5 B	.75
WORK ZONE	18	9	.281	.469	2.5	4 B	1.125
STD./MIN.	24	12	.375	.625	3.5	5 B	1.5
SPECIAL	30	15	.375	.625	4	7 B	1.5
FREEWAY	36	18	.375	.625	5	8 B	1.5

NOTE: REDUCE SPACING BETWEEN LETTERS TO 75% FOR BIKE AND STD./MIN.
 REDUCE SPACING BETWEEN LETTERS TO 60% FOR WORK ZONE.
 REDUCE SPACING BETWEEN LETTERS TO 40% FOR SPECIAL AND FREEWAY.

COLORS

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



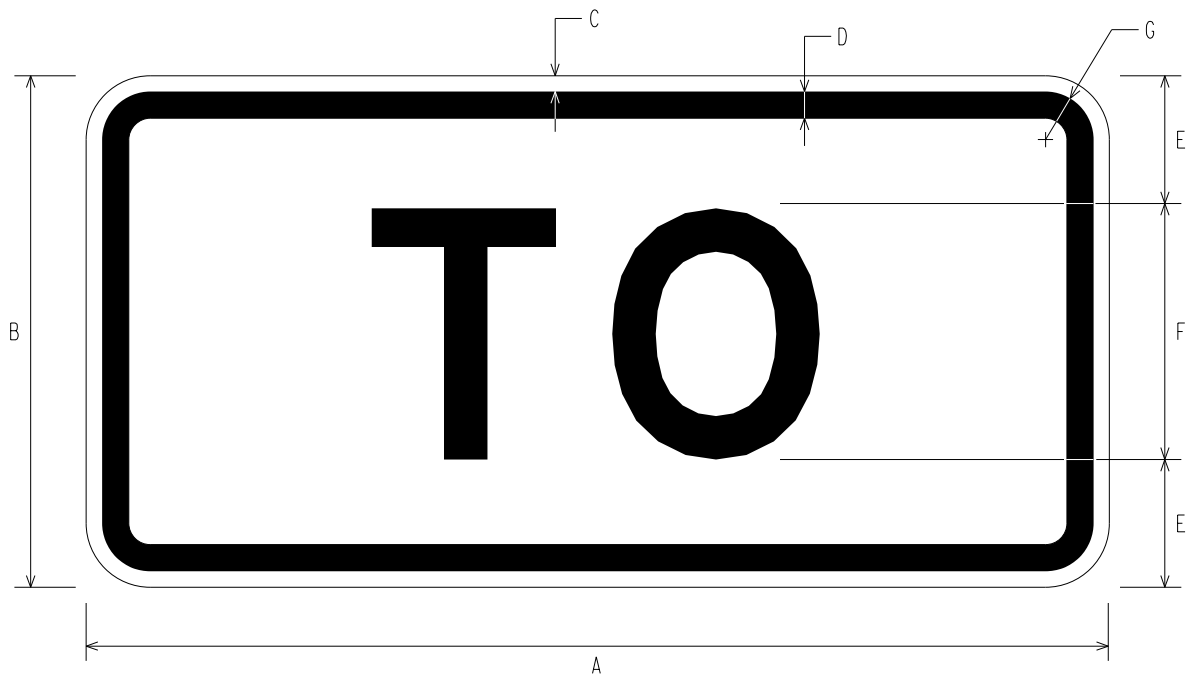
M4-4
TRUCK AUXILIARY

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
WORK ZONE	18	9	.281	.469	2.5	4 C	1.125
STD./MIN.	24	12	.375	.625	3	6 C	1.5
SPECIAL	30	15	.375	.625	3.5	8 C	1.5
FREEWAY	36	18	.375	.625	4.5	9 C	1.5

NOTE: REDUCE SPACING BETWEEN LETTERS TO 80% ON STD.
REDUCE SPACING BETWEEN LETTERS TO 50% ON SPECIAL.

COLORS

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

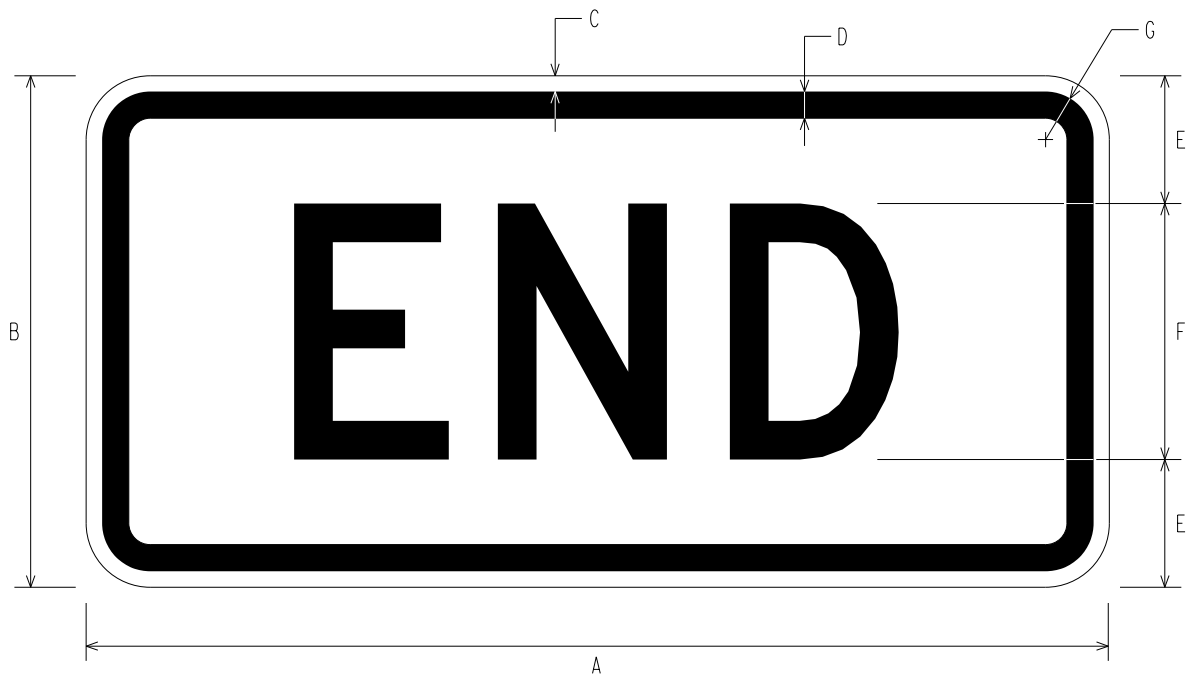


M4-5
TO AUXILIARY

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
BIKE	12	6	.187	.312	1.5	3 E	.75
WORK ZONE	18	9	.281	.469	2.25	4.5 E	1.125
STD./MIN.	24	12	.375	.625	3	6 E	1.5
SPECIAL	30	15	.375	.625	3.5	8 E	1.5
FREEWAY	36	18	.375	.625	4.5	9 E	1.5

COLORS

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

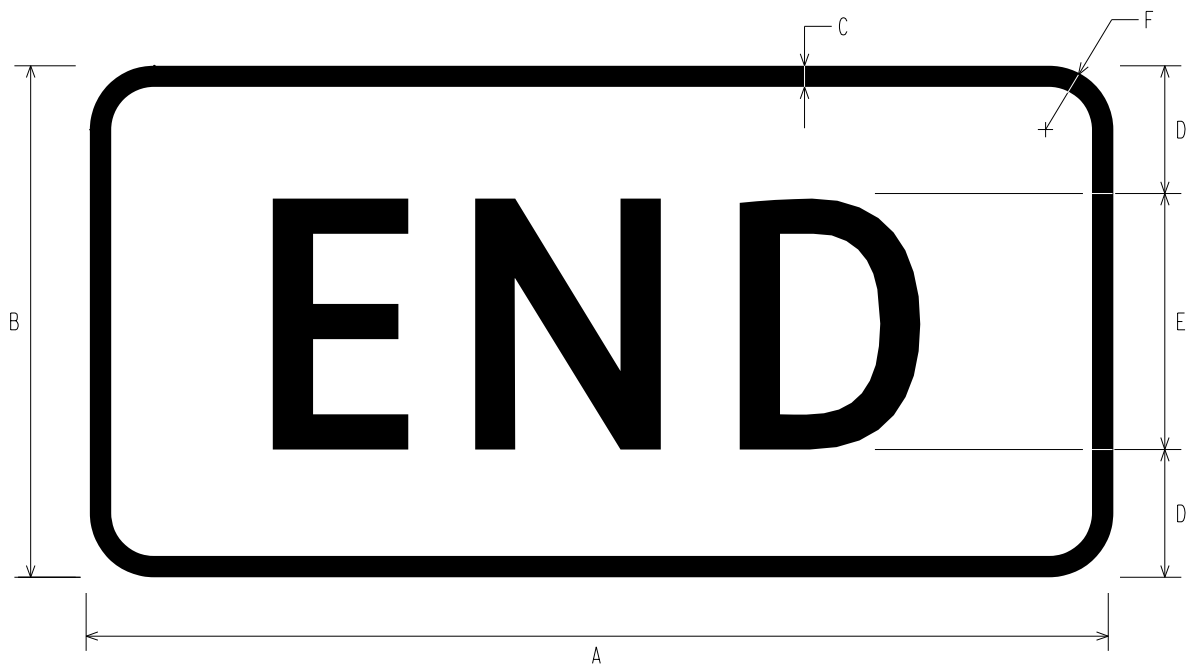


M4-6
END AUXILIARY

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
BIKE	12	6	.187	.312	1.5	3 D	.75
WORK ZONE	18	9	.281	.469	2.25	4.5 D	1.125
STD./MIN.	24	12	.375	.625	3	6 D	1.5
SPECIAL	30	15	.375	.625	3.5	8 D	1.5
FREEWAY	36	18	.375	.625	4.5	9 D	1.5

COLORS

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



M4-6a (INTERSTATE)
END AUXILIARY

COLORS

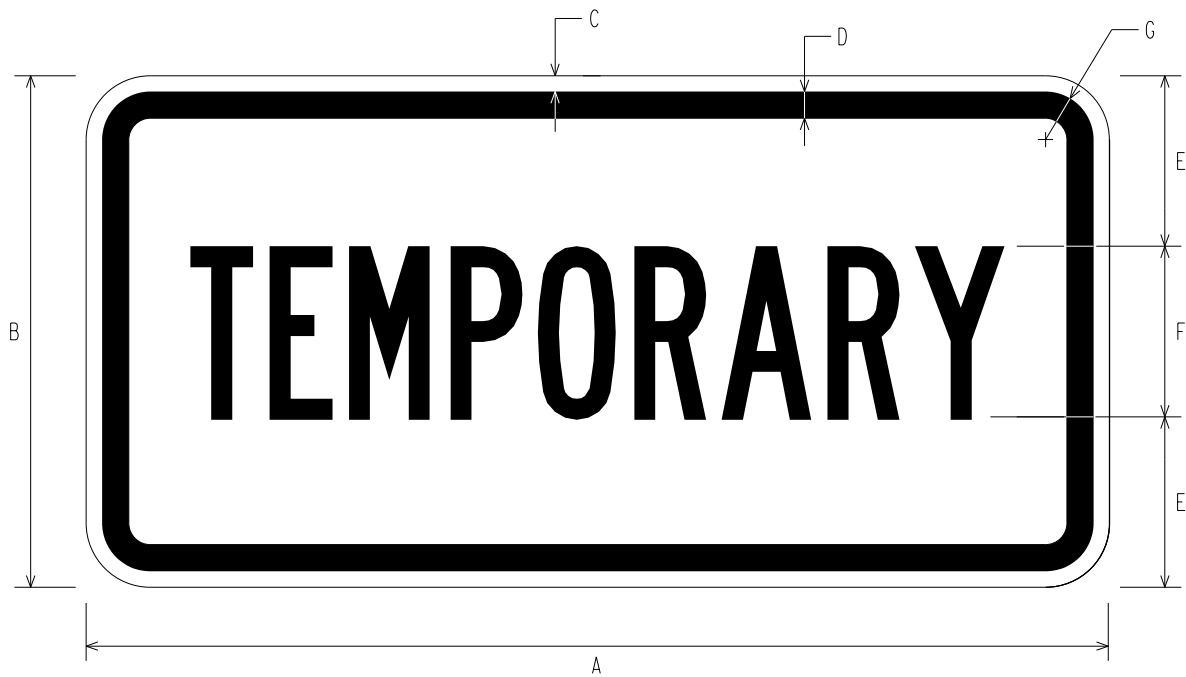
LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BLUE (REFL.)

M4-6b (OFF-INTERSTATE/BICYCLE FACILITIES)
END AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - GREEN (REFL.)

SIGN	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
BIKE	12	6	.25	1.5	3 3-W	.75
WORK ZONE	18	9	.375	2.25	4.5 3-W	1.125
STD./MIN.	24	12	.5	3	6 3-W	1.5
SPECIAL	30	15	.5	3.5	8 3-W	1.5
FREEWAY	36	18	.5	4.5	9 3-W	1.5



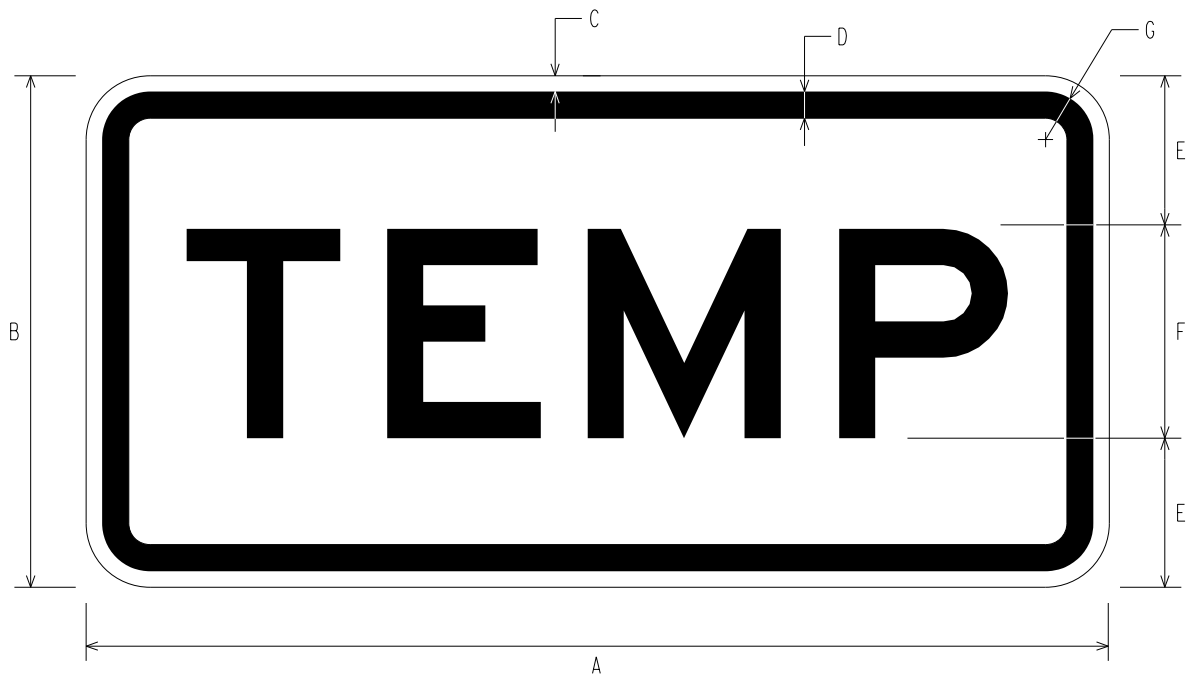
M4-7
TEMPORARY AUXILIARY

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
BIKE	12	6	.187	.312	2	2 B	.75
WORK ZONE	18	9	.281	.469	3	3 B	1.125
STD./MIN.	24	12	.375	.625	4	4 B	1.5
SPECIAL	30	15	.375	.625	5	5 B	1.5
FREEWAY	36	18	.375	.625	6	6 B	1.5

NOTE: REDUCE SPACING BETWEEN LETTERS TO 60% FOR ALL SIZES.

COLORS

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

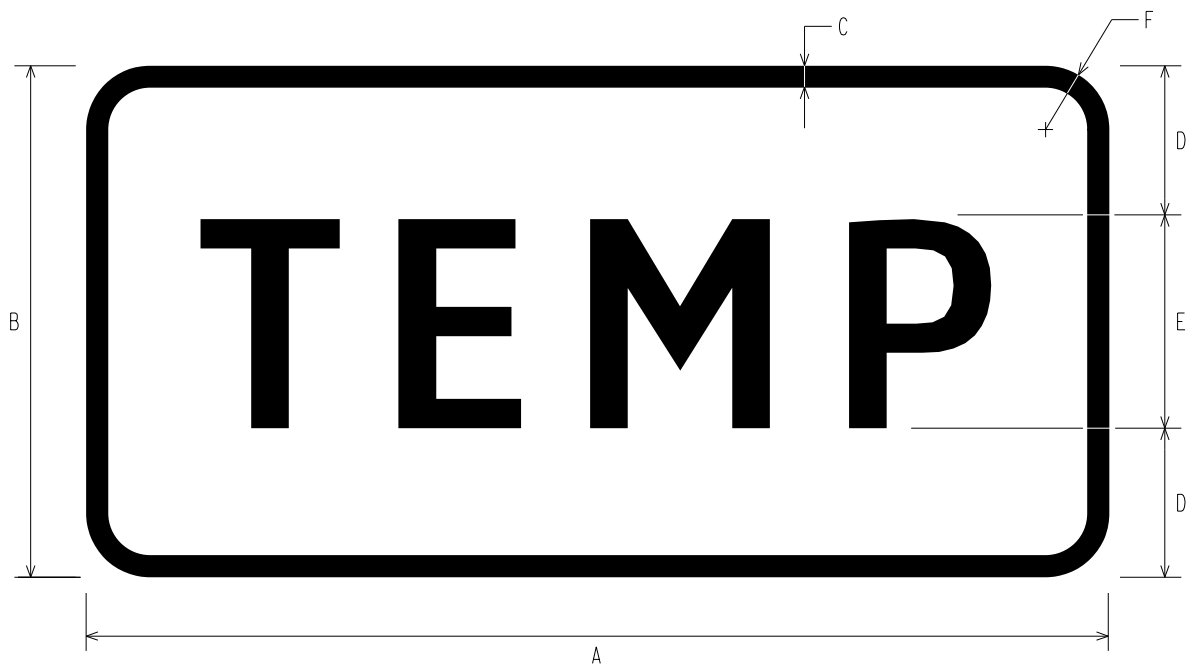


M4-7a
ABBREVIATED TEMPORARY AUXILIARY

SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
BIKE	12	6	.187	.312	1.75	2.5 E	.75
WORK ZONE	18	9	.281	.469	2.5	4 E	1.125
STD./MIN.	24	12	.375	.625	3.5	5 E	1.5
SPECIAL	30	15	.375	.625	4.5	6 E	1.5
FREEWAY	36	18	.375	.625	5.5	7 E	1.5

COLORS

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



M4-7b (INTERSTATE)
ABBREVIATED TEMPORARY AUXILIARY

COLORS

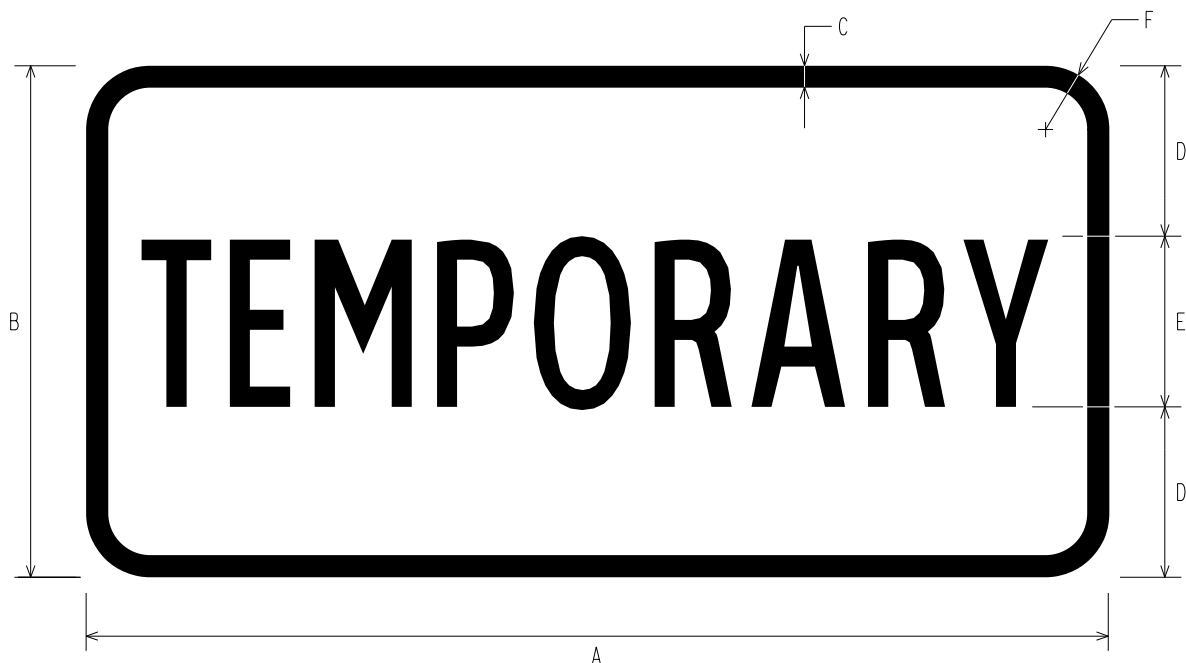
LEGEND AND BORDER - WHITE (REFL.)
 BACKGROUND - BLUE (REFL.)

M4-7c (OFF-INTERSTATE/BICYCLE FACILITIES)
ABBREVIATED TEMPORARY AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
 BACKGROUND - GREEN (REFL.)

SIGN	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
BIKE	12	6	.25	1.75	2.5 4-W	.75
WORK ZONE	18	9	.375	2.5	4 4-W	1.125
STD./MIN.	24	12	.5	3.5	5 4-W	1.5
SPECIAL	30	15	.5	4.5	6 4-W	1.5
FREEWAY	36	18	.5	5.5	7 4-W	1.5



M4-7d (INTERSTATE)
TEMPORARY AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BLUE (REFL.)

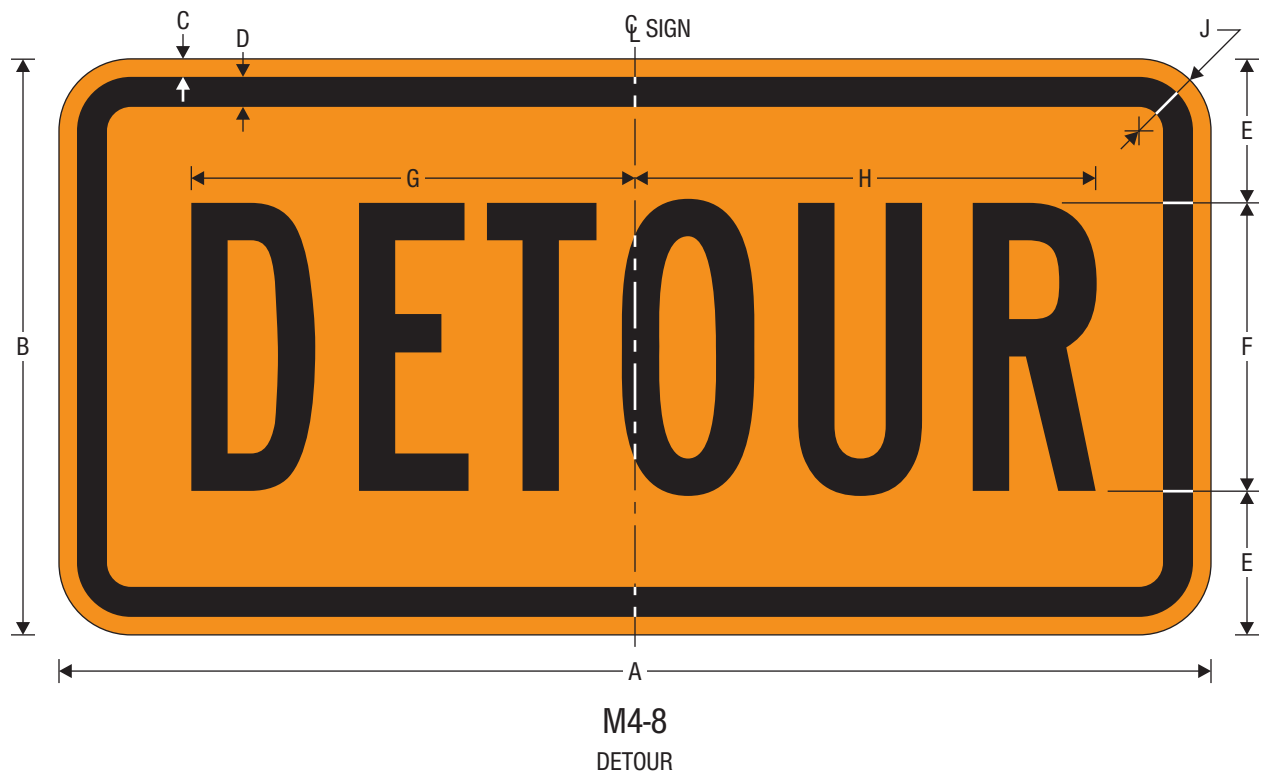
M4-7e (OFF-INTERSTATE/BICYCLE FACILITIES)
TEMPORARY AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - GREEN (REFL.)

SIGN	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
BIKE	12	6	.25	2	2 1-W	.75
WORK ZONE	18	9	.375	3	3 1-W	1.125
STD./MIN.	24	12	.5	4	4 1-W	1.5
SPECIAL	30	15	.5	5	5 1-W	1.5
FREEWAY	36	18	.5	6	6 1-W	1.5

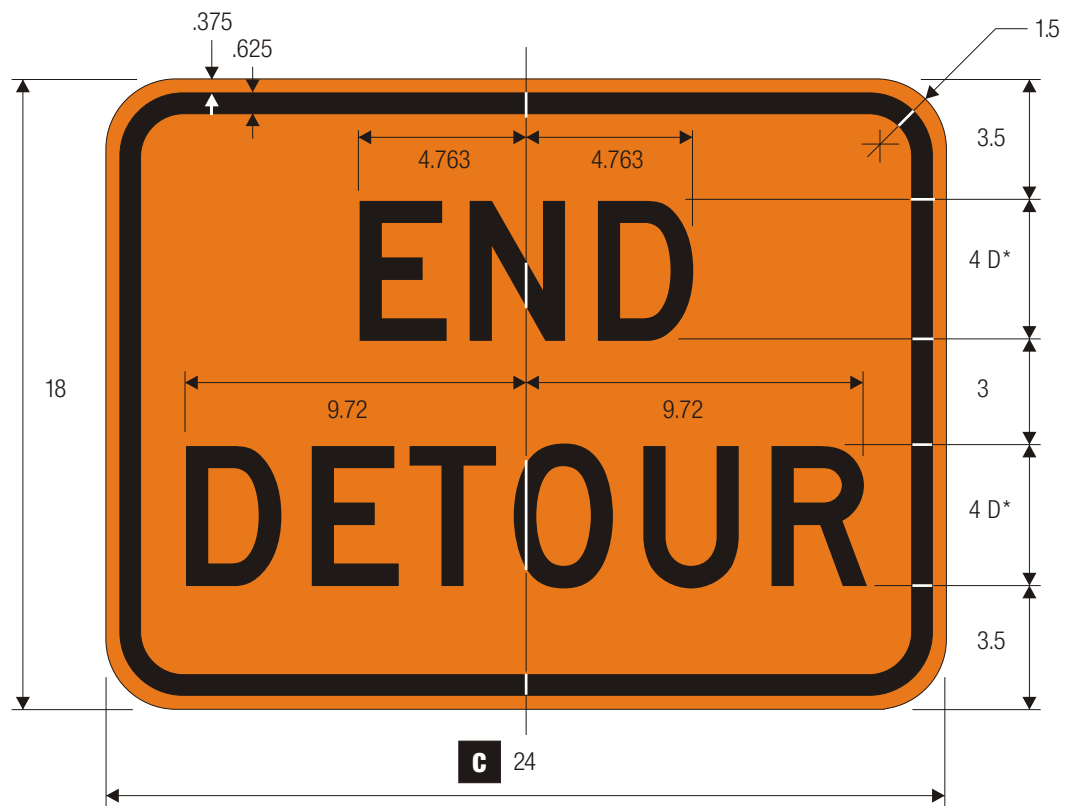
NOTE: REDUCE SPACING BETWEEN LETTERS TO 60% FOR ALL SIZES.



★ Reduce character spacing 20%.

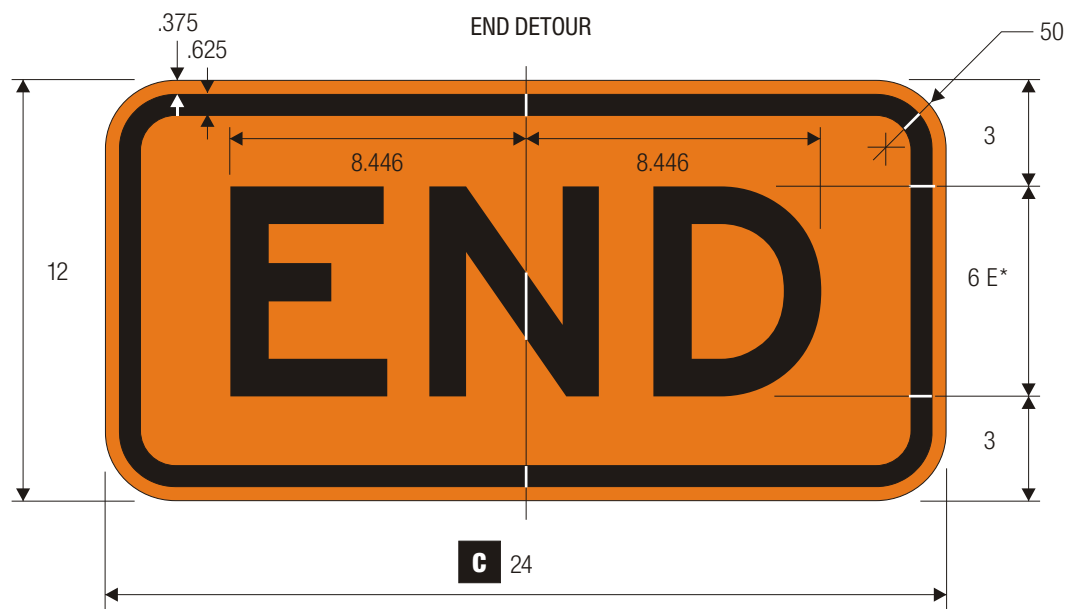
A	B	C	D	E	F	G	H	J
12	6	0.375	0.375	1.5	3B*	4.653	4.778	1.5
18	9	0.375	0.5	2.25	4.5B*	7.011	7.011	1.5
24	12	0.375	0.625	3	6B*	9.243	9.618	1.5
30	15	0.375	0.625	3.5	8B*	12.324	12.824	1.5

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



M4-8a

END DETOUR



M4-8b

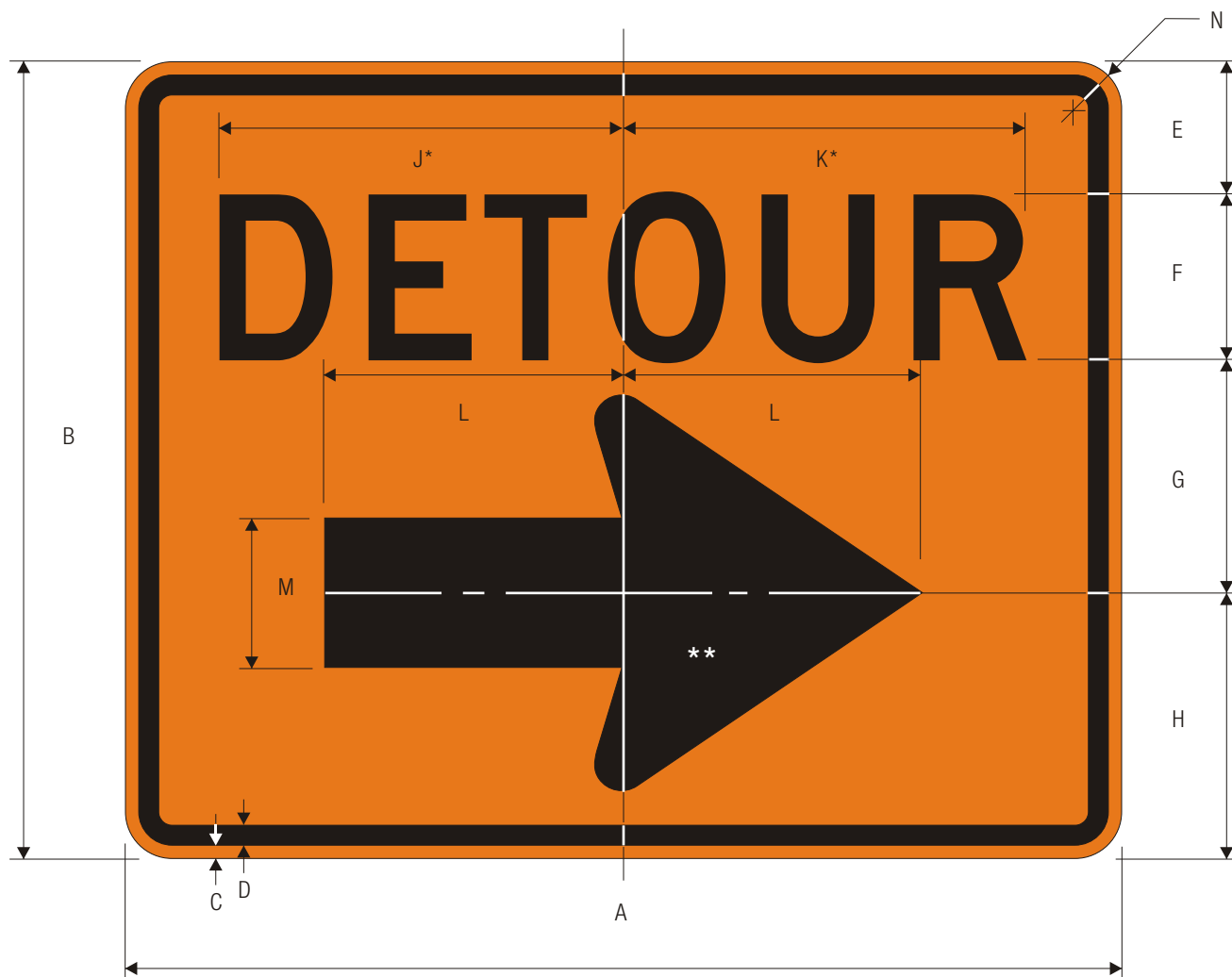
END

*Series 2000 Standard Alphabets.

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



M4-9R

DETOUR



M4-9L

DETOUR

*Reduce spacing 40%.

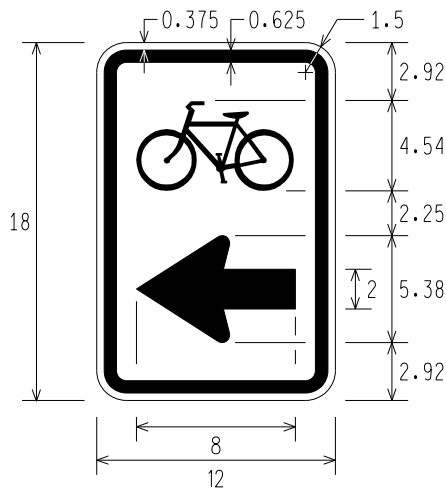
**See page 6-2 for design details.

C	A	B	C	D	E	F	G	H	J	K	L	M	N
	30	24	.375	.625	4	5 D	7	8	11.5	12	9	4.5	1.5
	48	36	.625	.875	6	8 D	10	12	19.5	20.25	13.25	7	2.25
	60	48	.75	1.25	8	10 D	14	16	23	24	18	9	3

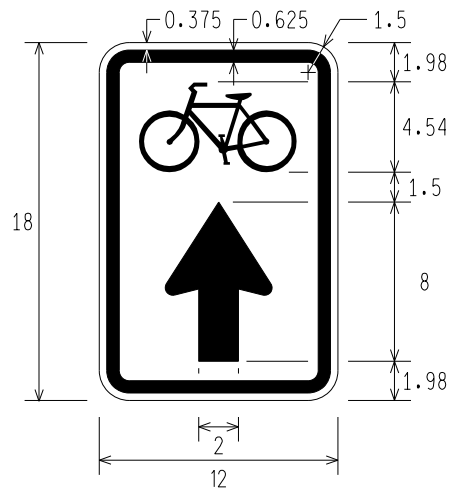
TTC SIGN COLORS:

LEGEND — BLACK

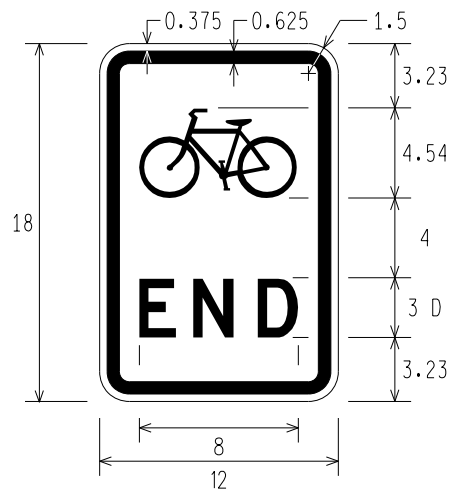
BACKGROUND— ORANGE (RETROREFLECTIVE)



M4-9dL (R)
BICYCLE SYMBOL LEFT/RIGHT ARROW DETOUR



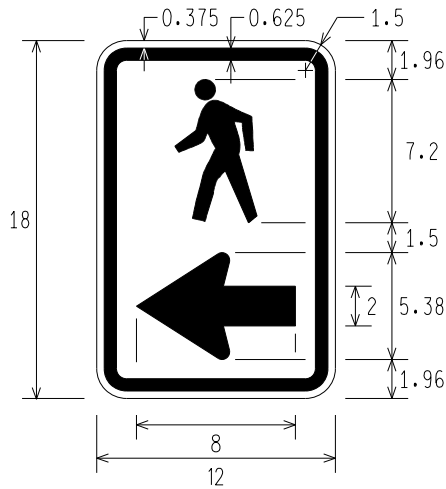
M4-9e
BICYCLE SYMBOL UP ARROW DETOUR



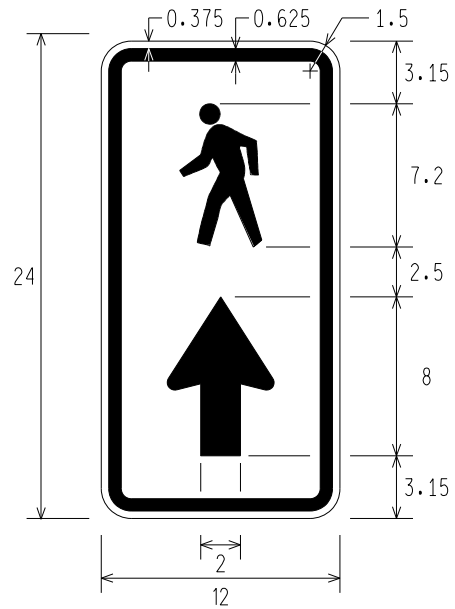
M4-9f
BICYCLE SYMBOL END DETOUR

COLORS

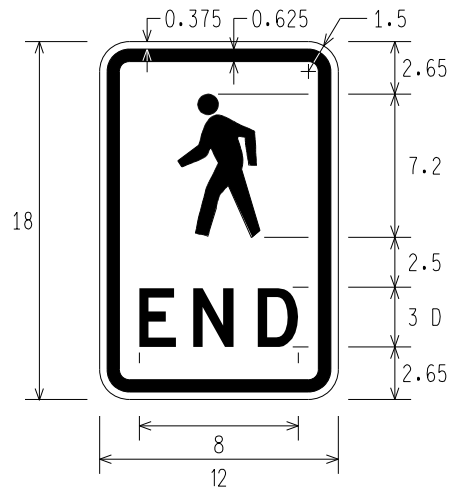
LEGEND, SYMBOL, AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE REFL.)
CENTRALLY LOCATE ALL LEGENDS
SEE APPENDIX PAGE 6-2 FOR ARROW DETAILS
SEE APPENDIX PAGE 6-7 FOR SYMBOL DETAILS



M4-9gL (R)
PEDESTRIAN SYMBOL LEFT/RIGHT ARROW DETOUR



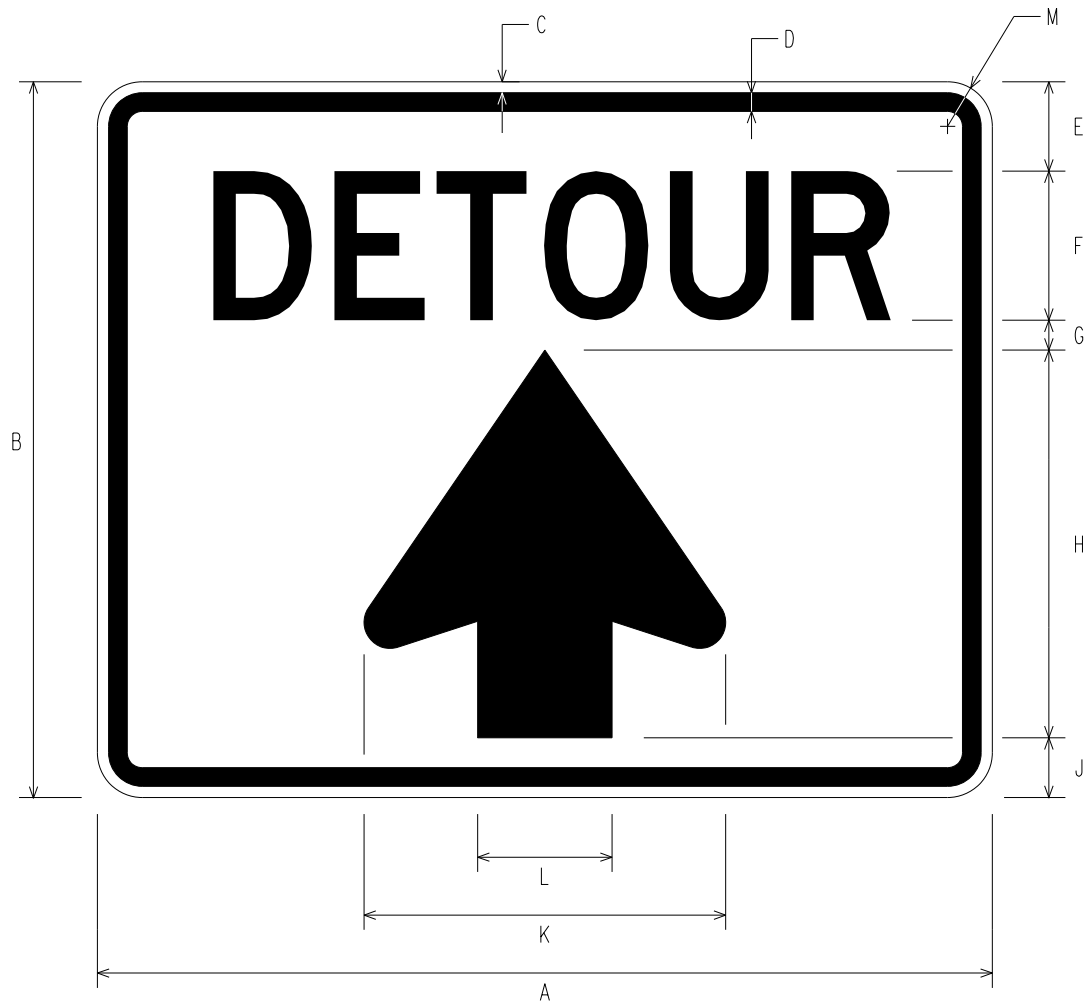
M4-9h
PEDESTRIAN SYMBOL UP ARROW DETOUR



M4-9i
PEDESTRIAN SYMBOL END DETOUR

COLORS

LEGEND, SYMBOL, AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE REFL.)
CENTRALLY LOCATE ALL LEGENDS
SEE APPENDIX PAGE 6-2 FOR ARROW DETAILS
SEE APPENDIX PAGE 6-10 FOR SYMBOL DETAILS



M4-9j
DETOUR

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
STD.	30	24	.375	.625	3	5 D	1	13	2	12.12	4.5	1.5
FREEWAY	48	36	.625	.875	3.5	8 D	2	20	2.5	18.75	7	2.25
SPECIAL	60	48	.75	1.25	5	10 D	3	26	4	24.25	9	3

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - ORANGE REFL.)

REDUCE SPACING BETWEEN LETTERS TO 60% FOR ALL SIZES

SEE APPENDIX PAGE 6-2 FOR ARROW DETAILS



M4-9kL(R)
DETOUR

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
STD.	30	30	.375	.625	4	5 D	2	15	4	18.26	1.5
FREEWAY	48	42	.625	.875	6	8 D	2.5	20	5.5	24.36	2.25
SPECIAL	60	54	.75	1.25	8	10 D	4	26	6	31.66	3

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - ORANGE REFL.)

REDUCE SPACING BETWEEN LETTERS TO 60% FOR ALL SIZES

SEE M5-1 FOR ARROW DETAILS



M4-9mL(R)
DETOUR

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
STD.	30	30	.375	.625	4	5 D	2	14.76	4.24	16.58	1.5
FREEWAY	48	42	.625	.875	4	8 D	3	22.14	4.86	24.88	2.25
SPECIAL	60	54	.75	1.25	5	10 D	4	29.52	5.48	33.18	3

COLORS

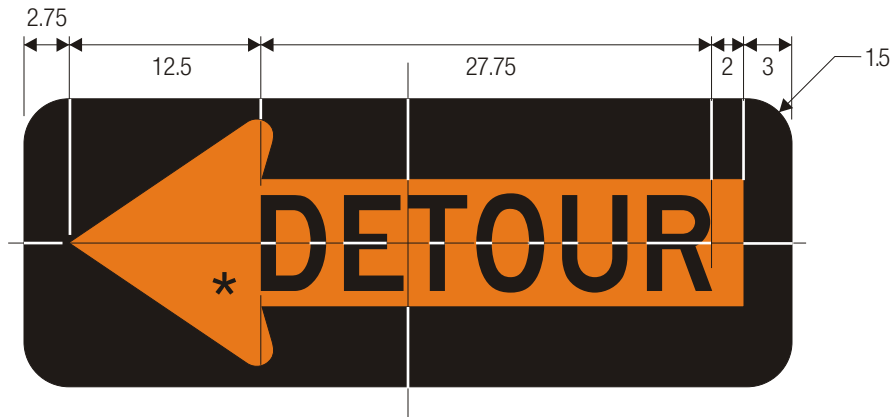
LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - ORANGE REFL.)

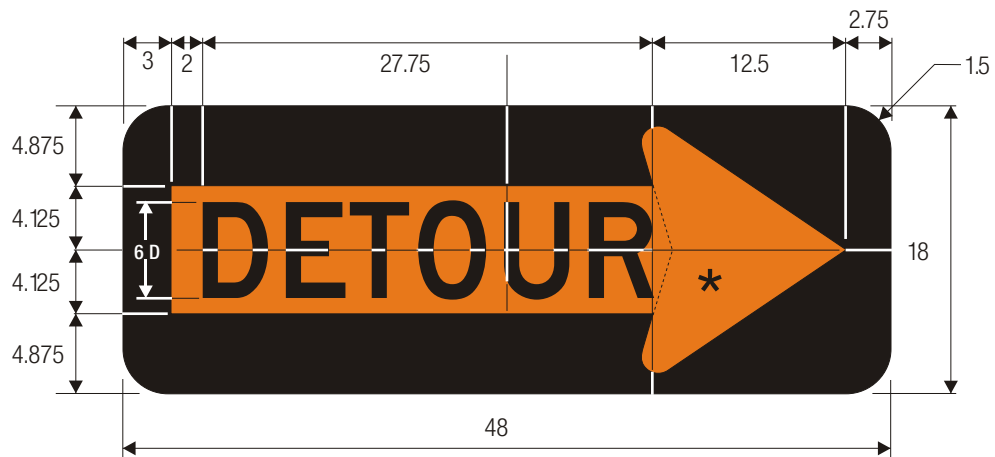
REDUCE SPACING BETWEEN LETTERS TO 60% FOR ALL SIZES

SEE M6-2 SPECIAL SIZE FOR ARROW DETAILS FOR M4-9SR(L) STD. ARROW

SPECIAL ARROW IS 1.5x AND FREEWAY ARROW IS 2x THE STD. ARROW



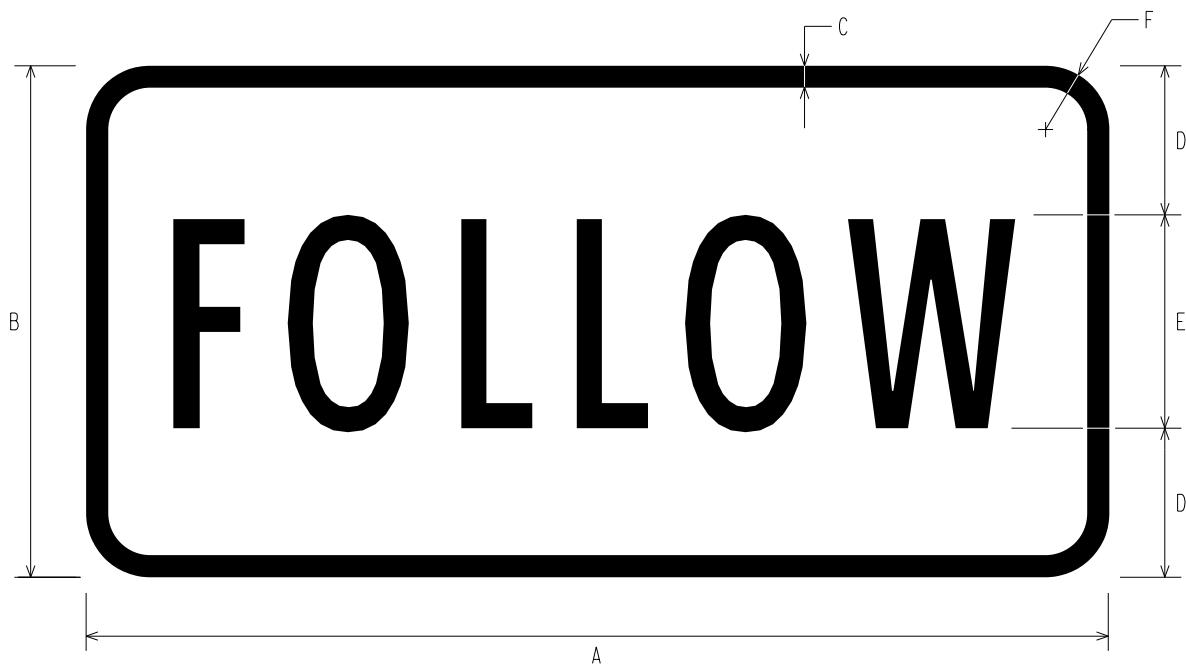
M4-10L
DETOUR (INSIDE ARROW)



M4-10R
DETOUR (INSIDE ARROW)

*See page 6-2 for arrow design.

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



M4-11a (INTERSTATE)
FOLLOW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BLUE (REFL.)

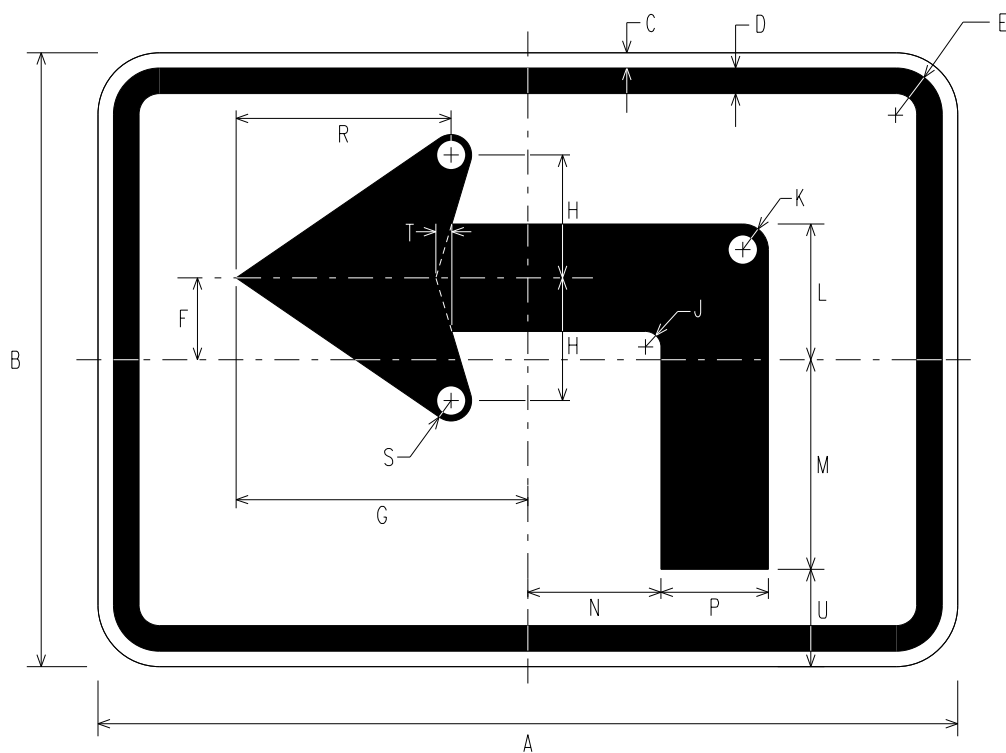
M4-11b (OFF-INTERSTATE/BICYCLE FACILITIES)
FOLLOW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - GREEN (REFL.)

SIGN	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
BIKE	12	6	.25	1.75	2.5 1-W	.75
WORK ZONE	18	9	.35	2.5	4 1-W	1.125
STD./MIN.	24	12	.5	3.5	5 1-W	1.5
SPECIAL	30	15	.5	4	7 1-W	1.5
FREEWAY	36	18	.5	5	8 1-W	1.5

NOTE: REDUCE SPACING BETWEEN LETTERS TO 75% FOR SPECIAL AND FREEWAY SIZES.



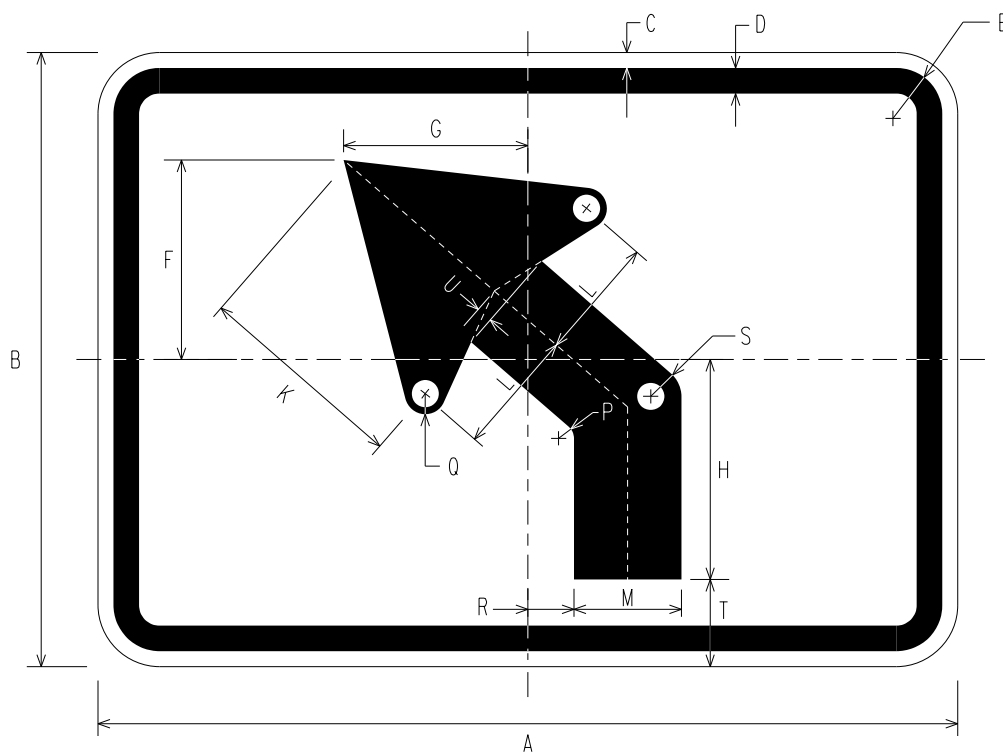
M5-1 (L)
ADVANCE TURN ARROW AUXILIARY

SIGN	DIMENSIONS (INCHES)																	
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U
BIKE	12	9	.187	.312	.75	1.125	4.125	1.812	.25	.5	1.925	3	1.775	1.6	3.037	.313	.313	1.5
STD./MIN.	21	15	.375	.625	1.5	2	7.125	3	.375	.625	3.31	5.13	3.25	2.625	5.25	.5	.375	2.375
SPECIAL	30	21	.375	.625	1.5	2.75	8.375	4.25	.5	.875	4.594	7.13	6.437	3.688	7.5	.75	.5	3.375

M5-1(R) IS A MIRROR IMAGE OF M5-1(L).

COLORS

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



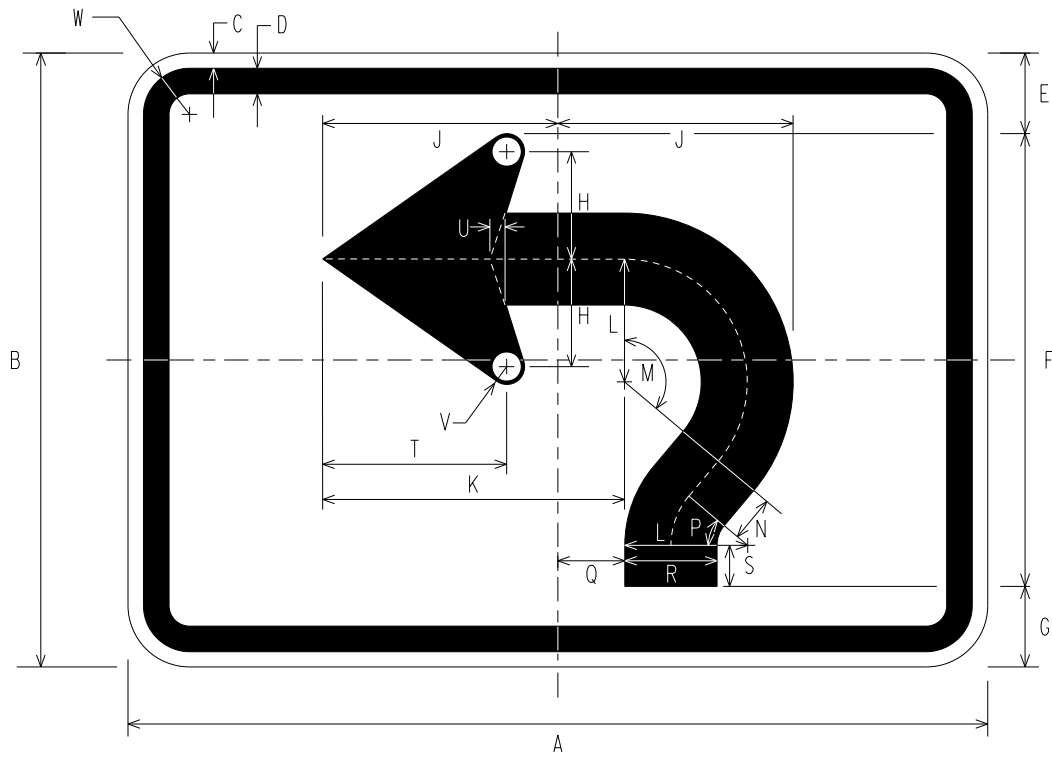
M5-2(L)
ADVANCE TURN ARROW AUXILIARY

SIGN	DIMENSIONS (INCHES)																
	A	B	C	D	E	F	G	H	K	L	M	P	Q	R	S	T	U
BIKE	12	9	.187	.312	.75	2.875	2.575	3	3.037	1.812	1.6	.25	.313	.575	.5	1.5	.313
STD./MIN.	21	15	.375	.625	1.5	4.875	4.5	5.375	5.25	3	2.625	.375	.5	1.125	.75	2.125	.375
SPECIAL	30	21	.375	.625	1.5	6.875	6.375	7.5	7.5	4.25	3.688	.5	.75	1.687	1	3	.5

NOTE: M5-2(R) IS A MIRROR IMAGE OF M5-2(L).

COLORS

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

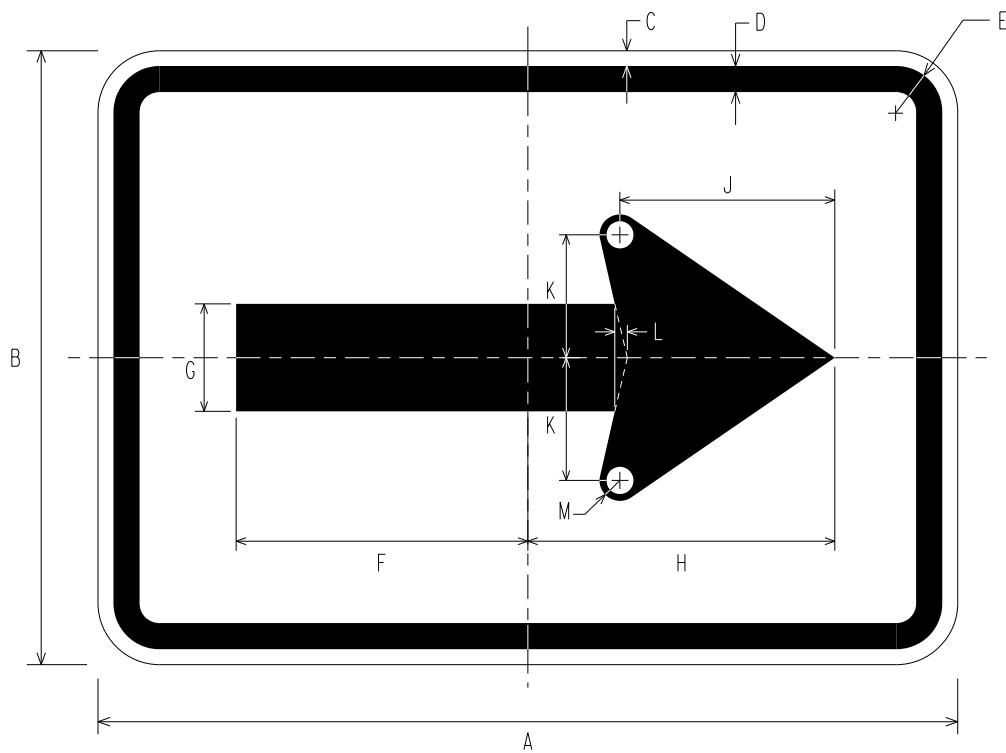


M5-3
ADVANCE TURN ARROW AUXILIARY - CIRCULAR INTERSECTION

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
BIKE	12	9	.187	.312	0.937	7.088	0.975	1.5	3.45	4.425	1.8
STD./MIN.	21	15	.375	.625	1.563	11.813	1.625	2.625	5.75	7.375	3
SPECIAL	30	21	.375	.625	2.25	16.5	2.25	3.625	8	10.313	4.125
	M	N	P	Q	R	S	T	U	V	W	
BIKE	130°	0.675	40°	0.825	1.35	0.6	2.473	.25	.25	.75	
STD./MIN.	130°	1.125	40°	1.375	2.25	1	4.5	.375	.438	1.5	
SPECIAL	130°	1.726	40°	1.835	3.125	1.5	6.375	.5	.625	1.5	

COLORS

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



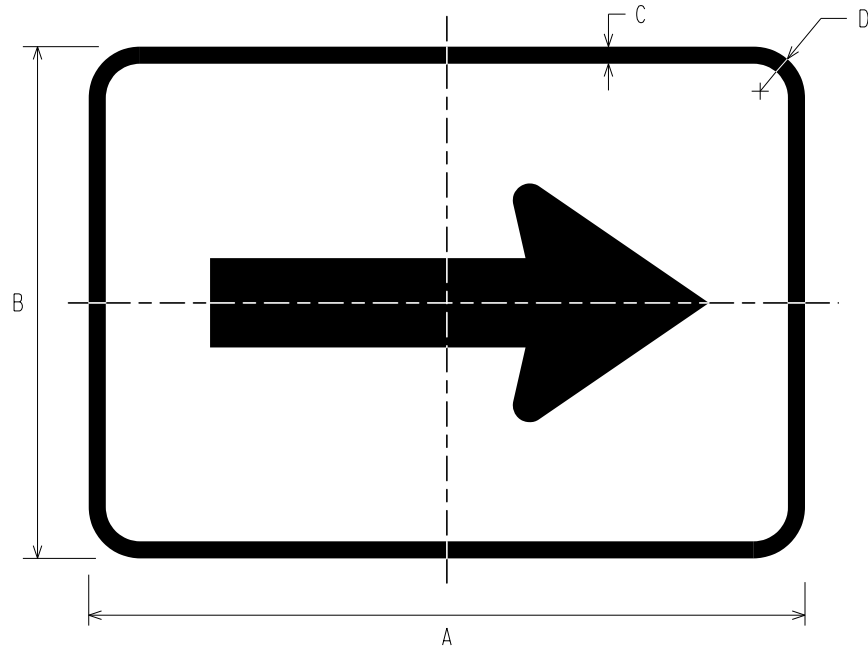
M6-1 (R)
DIRECTIONAL ARROW AUXILIARY

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
BIKE	12	9	.187	.312	.75	4.25	1.6	4.5	3.037	1.812	.313	.313
WORK ZONE	18	12	.281	.469	1.125	6.188	2	6.5	4.313	2.313	.313	.375
STD./MIN.	21	15	.375	.625	1.5	7.125	2.625	7.5	5.25	3	.375	.5
SPECIAL	30	21	.375	.625	1.5	10.25	3.688	10.75	7.5	4.25	.5	.75

NOTE: M6-1(L) IS A MIRROR IMAGE OF M6-1(R).

COLORS

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



M6-1a: (INTERSTATE)
DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BLUE (REFL.)

M6-1b: (OFF-INTERSTATE/BICYCLE FACILITIES)
DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - GREEN (REFL.)

M6-1c: (COUNTY)
DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - YELLOW (REFL.)
BACKGROUND - BLUE (REFL.)

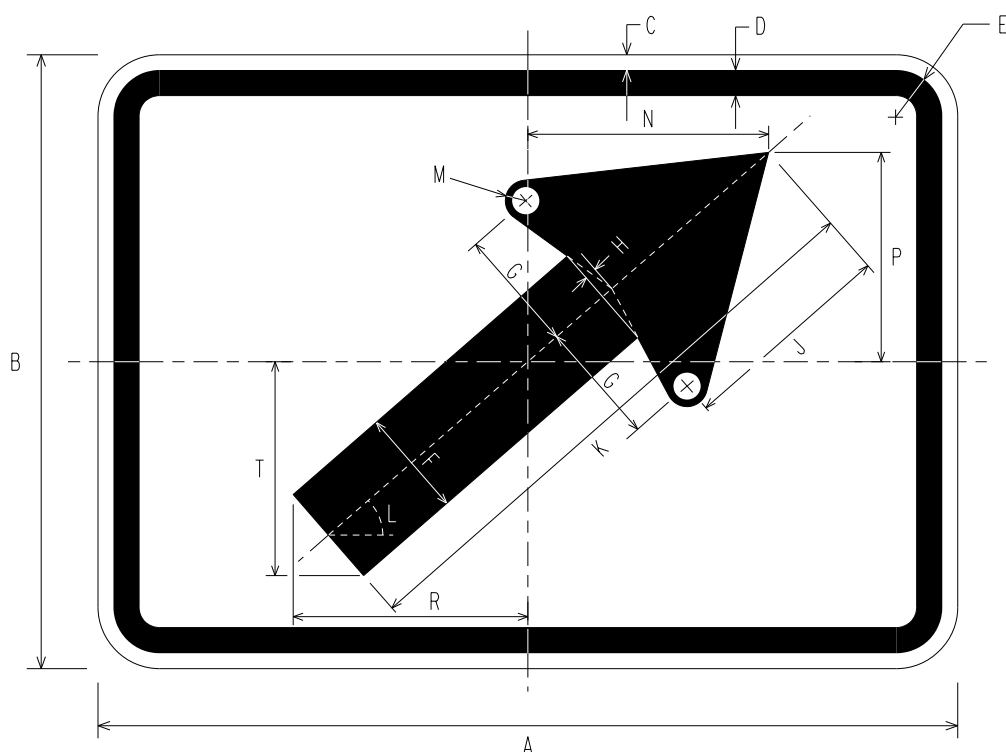
M6-1d: (RECREATIONAL)
DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BROWN (REFL.)

SIGN	DIMENSIONS (INCHES)			
	A	B	C	D
BIKE	12	9	.25	.75
WORK ZONE	18	12	.375	1.125
STD./MIN.	21	15	.5	1.5
SPECIAL	30	21	.5	1.5

NOTE: SEE M6-1(R) FOR ARROW DIMENSIONS.



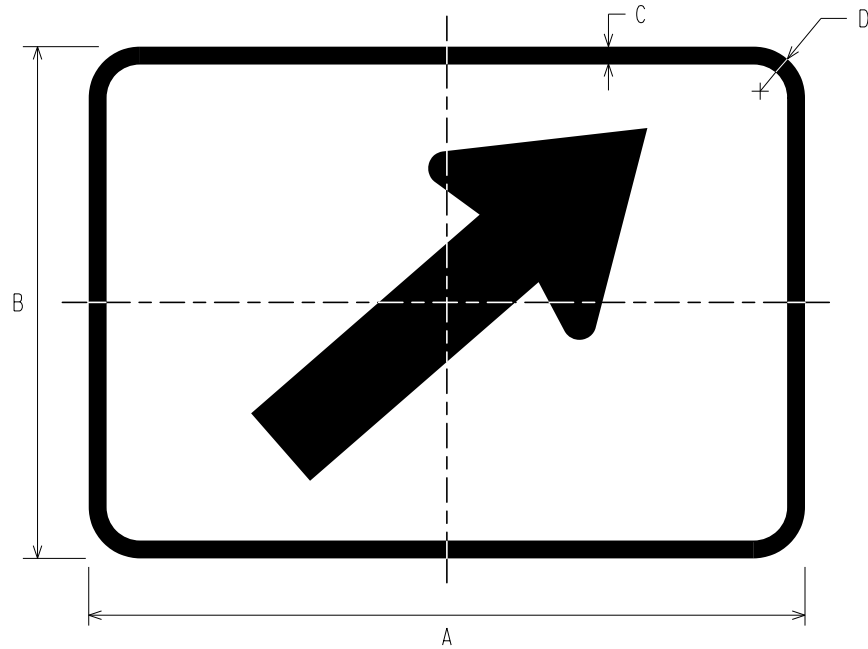
M6-2 (R)
DIRECTIONAL ARROW AUXILIARY

SIGN	DIMENSIONS (INCHES)															
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T
BIKE	12	9	.187	.312	.75	1.6	1.812	.313	3.037	8.5	41°	.313	3.507	3.049	3.4	3.094
WORK ZONE	18	12	.281	.469	1.125	2	2.313	.313	4.313	12.33	41°	.375	5	4.38	4.97	4.47
STD./MIN.	21	15	.375	.625	1.5	2.625	3	.375	5.25	14.25	41°	.5	5.88	5.111	5.735	5.228
SPECIAL	30	21	.375	.625	1.5	3.688	4.25	.5	7.5	20.375	41°	.75	8.4	7.302	8.187	7.457

NOTE: M6-2(L) IS A MIRROR IMAGE OF M6-2(R).

COLORS

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



M6-2a: (INTERSTATE)
DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BLUE (REFL.)

M6-2b: (OFF-INTERSTATE/BICYCLE FACILITIES)
DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - GREEN (REFL.)

M6-2c: (COUNTY)
DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - YELLOW (REFL.)
BACKGROUND - BLUE (REFL.)

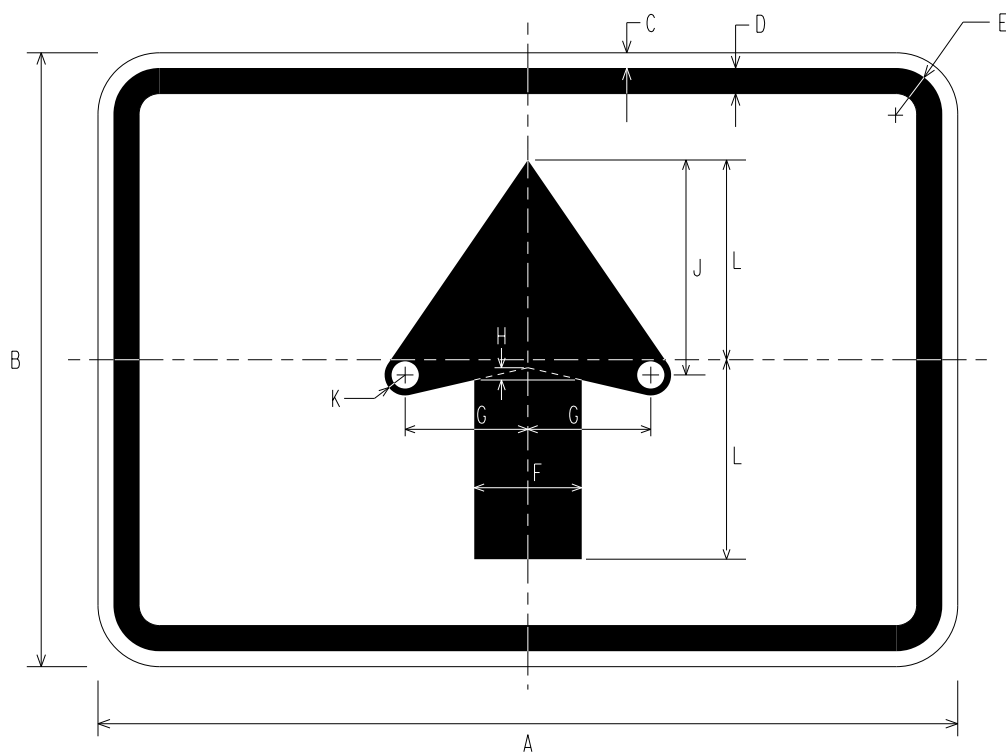
M6-2d: (RECREATIONAL)
DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BROWN (REFL.)

SIGN	DIMENSIONS (INCHES)			
	A	B	C	D
BIKE	12	9	.25	.75
WORK ZONE	18	12	.375	1.125
STD./MIN.	21	15	.5	1.5
SPECIAL	30	21	.5	1.5

NOTE: SEE M6-2(R) FOR ARROW DIMENSIONS.

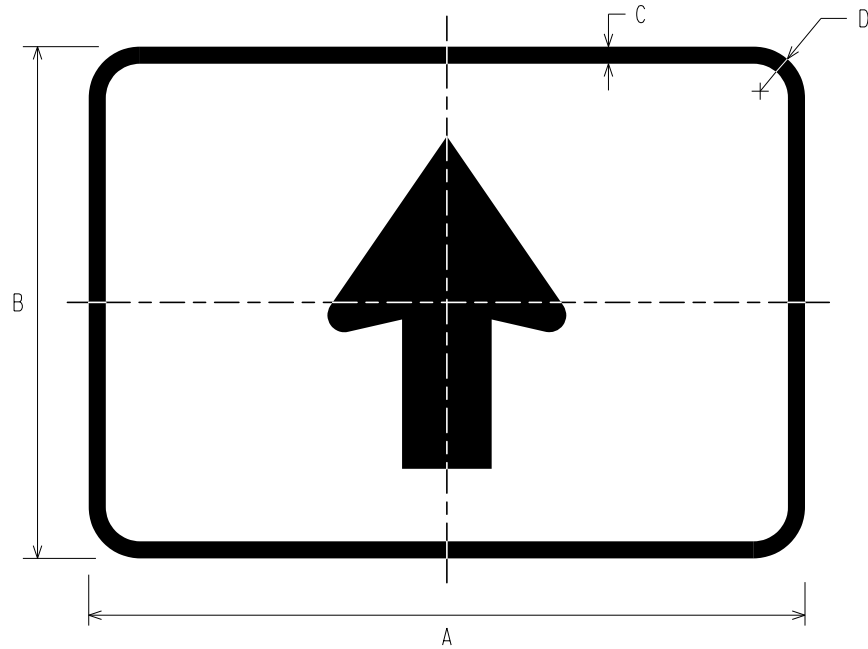


M6-3
DIRECTIONAL ARROW AUXILIARY

SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
BIKE	12	9	.187	.312	.75	1.6	1.812	.313	3.037	.313	3
WORK ZONE	18	12	.281	.469	1.125	2	2.313	.313	4.313	.375	3.938
STD./MIN.	21	15	.375	.625	1.5	2.625	3	.375	5.25	.5	4.875
SPCIAL	30	21	.375	.625	1.5	3.688	4.25	.5	7.5	.75	7

COLORS

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



M6-3a: (INTERSTATE)
DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BLUE (REFL.)

M6-3b: (OFF-INTERSTATE/BICYCLE FACILITIES)
DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - GREEN (REFL.)

M6-3c: (COUNTY)
DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - YELLOW (REFL.)
BACKGROUND - BLUE (REFL.)

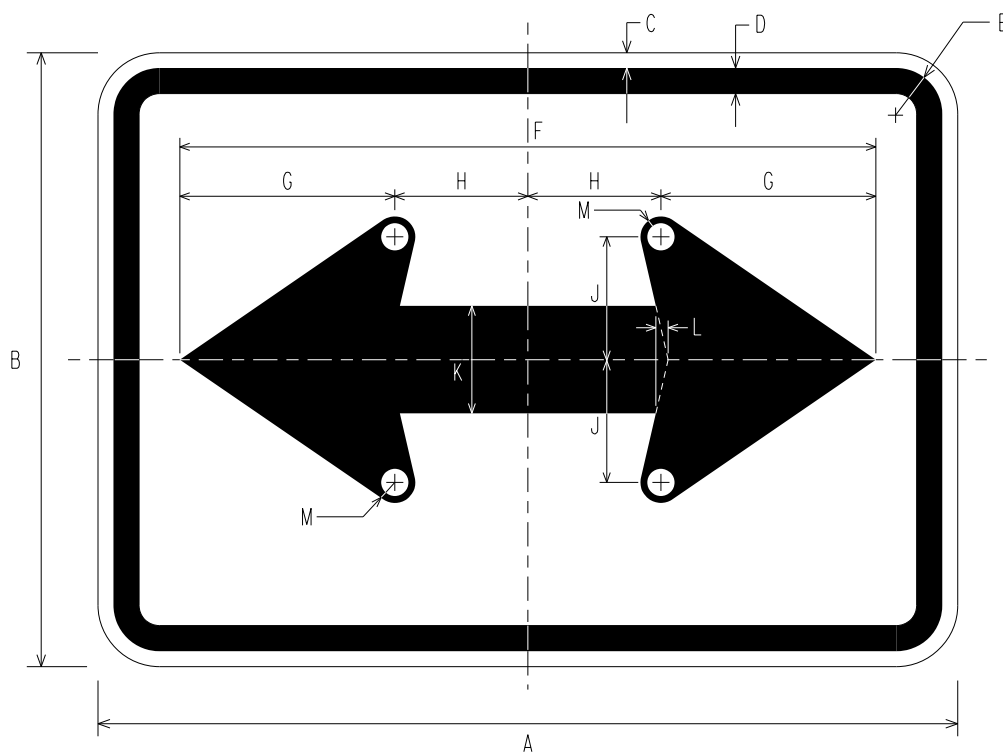
M6-3d: (RECREATIONAL)
DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BROWN (REFL.)

SIGN	DIMENSIONS (INCHES)			
	A	B	C	D
BIKE	12	9	.25	.75
WORK ZONE	18	12	.375	1.125
STD./MIN.	21	15	.5	1.5
SPECIAL	30	21	.5	1.5

NOTE: SEE M6-3 FOR ARROW DIMENSIONS.

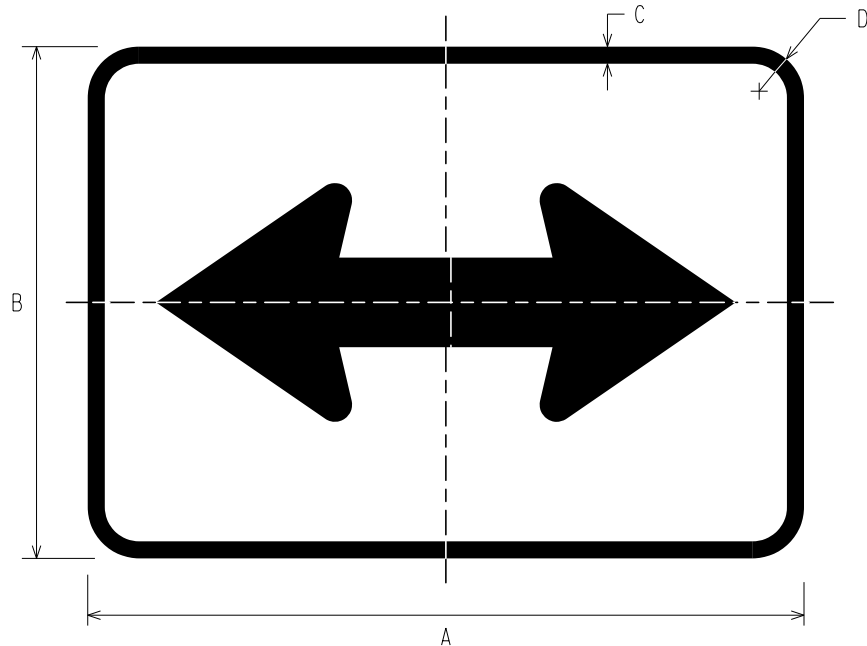


M6-4
BI-DIRECTIONAL ARROW AUXILIARY

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
BIKE	12	9	.187	.312	.75	10	3.037	1.963	1.812	1.6	.313	.313
WORK ZONE	18	12	.281	.469	1.125	13.5	4.313	2.437	2.313	2	.313	.375
STD./MIN.	21	15	.375	.625	1.5	17	5.25	3.25	3	2.625	.375	.5
SPECIAL	30	21	.375	.625	1.5	24	7.5	4.5	4.25	3.688	.5	.75

COLORS

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



M6-4a: (INTERSTATE)
BI-DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BLUE (REFL.)

M6-4b: (OFF-INTERSTATE/BICYCLE FACILITIES)
BI-DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - GREEN (REFL.)

M6-4c: (COUNTY)
BI-DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - YELLOW (REFL.)
BACKGROUND - BLUE (REFL.)

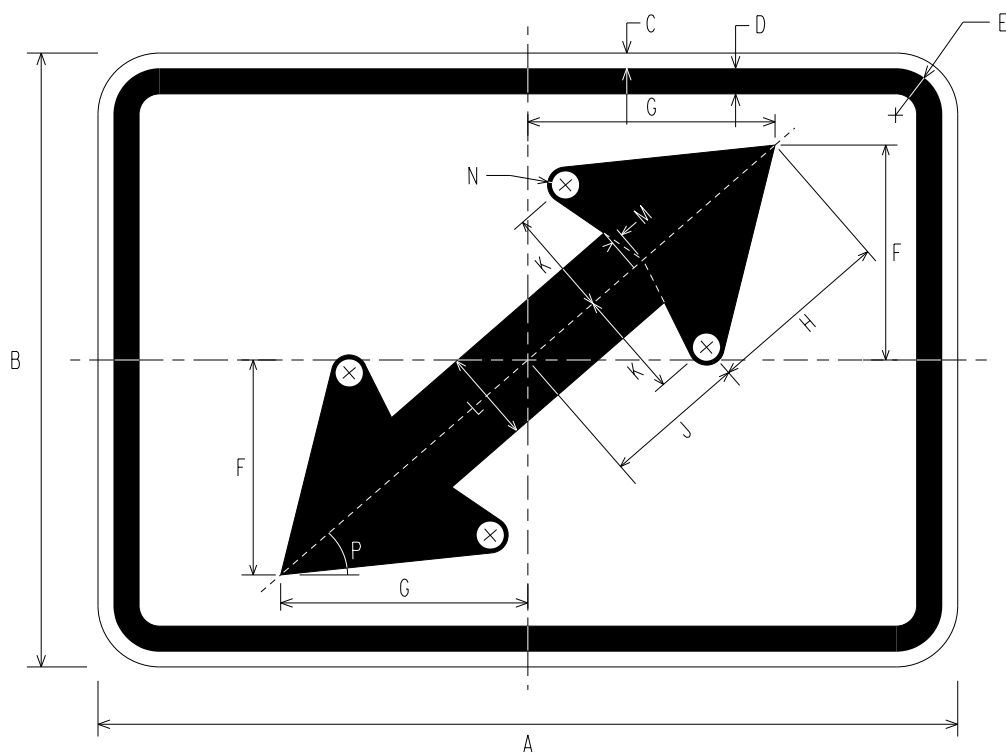
M6-4d: (RECREATIONAL)
BI-DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BROWN (REFL.)

SIGN	DIMENSIONS (INCHES)			
	A	B	C	D
BIKE	12	9	.25	.75
WORK ZONE	18	12	.375	1.125
STD./MIN.	21	15	.5	1.5
SPECIAL	30	21	.5	1.5

NOTE: SEE M6-4 FOR ARROW DIMENSIONS.

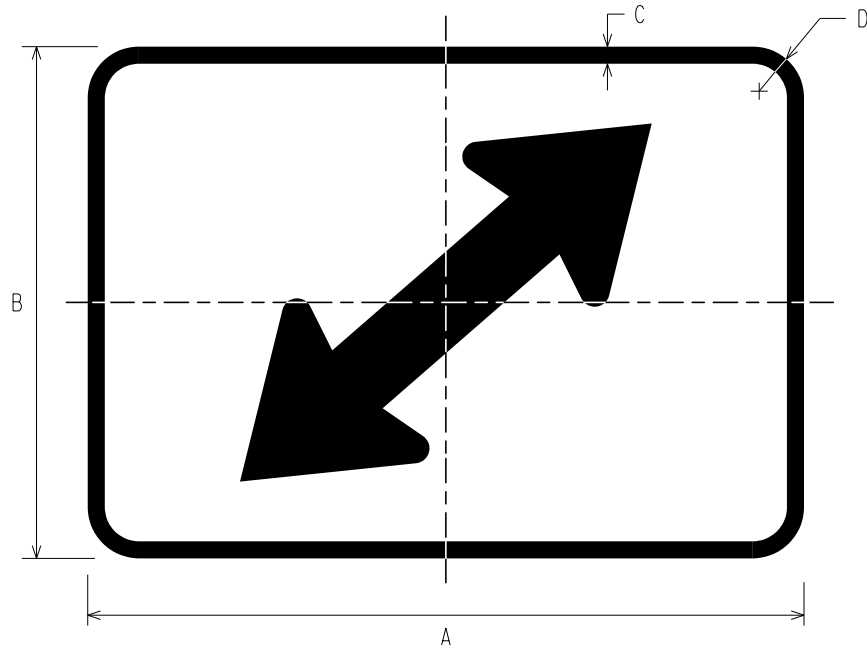


M6-5
BI-DIRECTIONAL ARROW AUXILIARY

SIGN	DIMENSIONS (INCHES)													
	A	B	C	D	E	F	G	H	J	K	L	M	N	P
BIKE	12	9	.187	.312	.75	3.116	3.585	2.586	2.164	1.563	1.4	.25	.25	41°
WORK ZONE	18	12	.281	.469	1.125	4.18	4.81	3.488	2.887	2.176	1.8	.313	.313	41°
STD./MIN.	21	15	.375	.625	1.5	5.248	6.038	4.387	3.613	2.575	2.2	.375	.425	41°
SPECIAL	30	21	.375	.625	1.5	7.545	8.679	6.375	5.125	3.625	3.125	.5	.625	41°

COLORS

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



M6-5a: (INTERSTATE)
BI-DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BLUE (REFL.)

M6-5b: (OFF-INTERSTATE/BICYCLE FACILITIES)
BI-DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - GREEN (REFL.)

M6-5c: (COUNTY)
BI-DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - YELLOW (REFL.)
BACKGROUND - BLUE (REFL.)

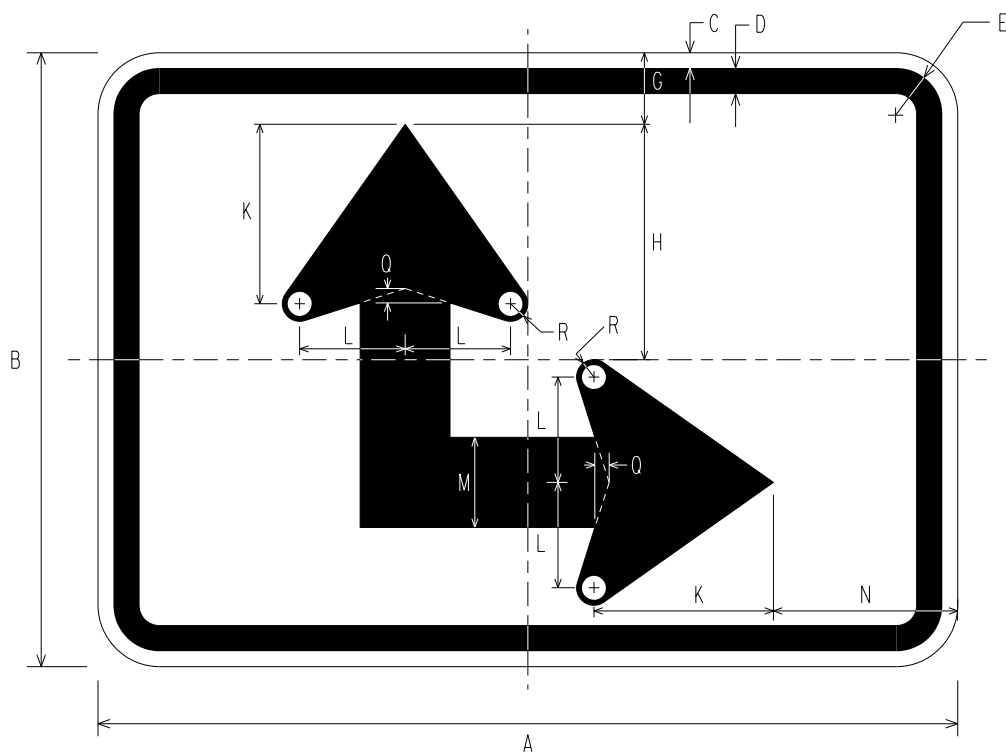
M6-5d: (RECREATIONAL)
BI-DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BROWN (REFL.)

SIGN	DIMENSIONS (INCHES)			
	A	B	C	D
BIKE	12	9	.25	.75
WORK ZONE	18	12	.375	1.125
STD./MIN.	21	15	.5	1.5
SPECIAL	30	21	.5	1.5

NOTE: SEE M6-5 FOR ARROW DIMENSIONS.

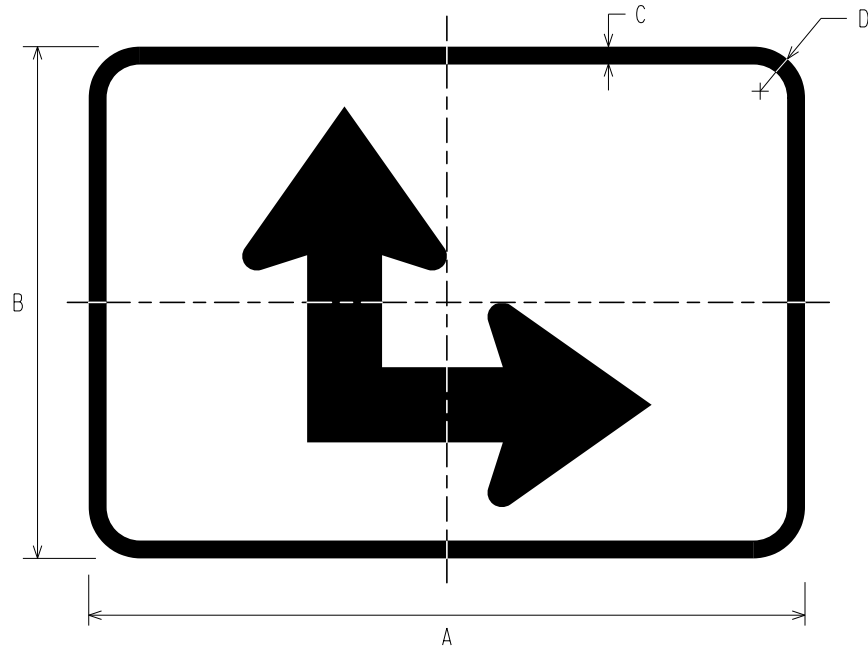


M6-6
BI-DIRECTIONAL ARROW AUXILIARY

SIGN	DIMENSIONS (INCHES)												
	A	B	C	D	E	G	H	K	L	M	N	Q	R
BIKE	12	9	.187	.312	.75	1	3.5	2.586	1.563	1.4	2.25	.25	.25
WORK ZONE	18	12	.281	.469	1.125	1.375	4.625	3.488	2.176	1.8	3.75	.313	.313
STD./MIN.	21	15	.375	.625	1.5	1.75	5.75	4.387	2.575	2.2	4.5	.375	.425
SPECIAL	30	21	.375	.625	1.5	2.375	8.125	6.375	3.625	3.125	6.5	.5	.625

COLORS

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



M6-6a: (INTERSTATE)
BI-DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BLUE (REFL.)

M6-6b: (OFF-INTERSTATE/BICYCLE FACILITIES)
BI-DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - GREEN (REFL.)

M6-6c: (COUNTY)
BI-DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - YELLOW (REFL.)
BACKGROUND - BLUE (REFL.)

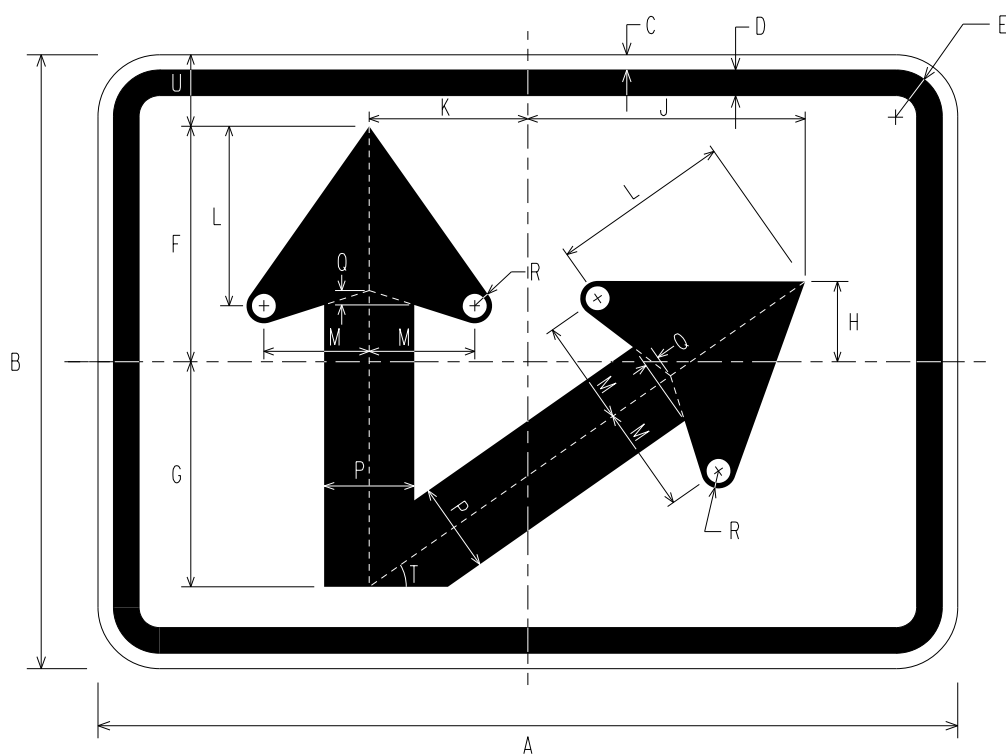
M6-6d: (RECREATIONAL)
BI-DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BROWN (REFL.)

SIGN	DIMENSIONS (INCHES)			
	A	B	C	D
BIKE	12	9	.25	.75
WORK ZONE	18	12	.375	1.125
STD./MIN.	21	15	.5	1.5
SPECIAL	30	21	.5	1.5

NOTE: SEE M6-6 FOR ARROW DIMENSIONS.

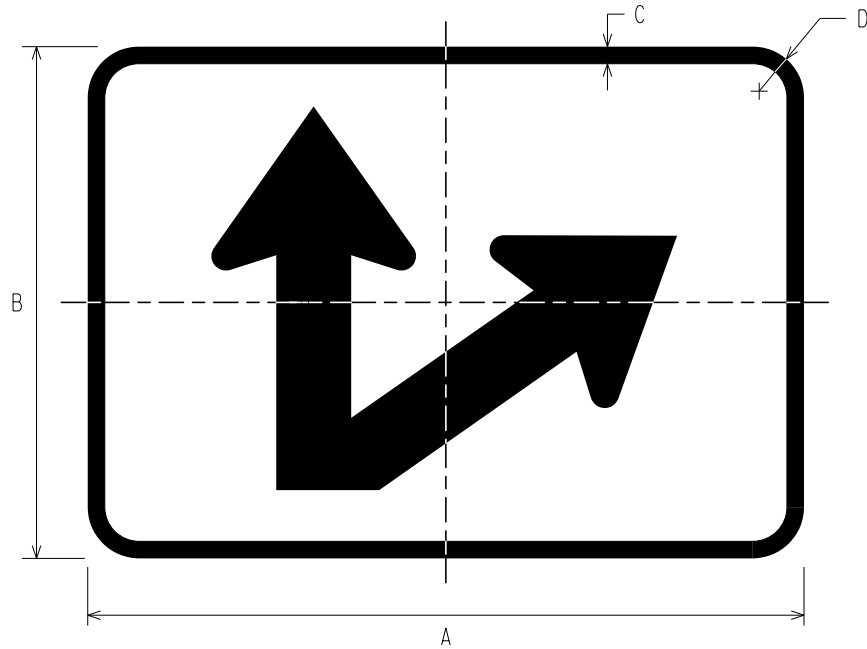


M6-7
BI-DIRECTIONAL ARROW AUXILIARY

SIGN	DIMENSIONS (INCHES)																
	A	B	C	D	E	F	G	H	J	K	L	M	P	Q	R	T	U
BIKE	12	9	.187	.312	.75	3.5	3.25	1.124	3.996	2.25	2.586	1.563	1.4	.25	.25	35°	1
WORK ZONE	18	12	.281	.469	1.125	4.625	4.375	1.54	5.848	3.333	3.488	2.176	1.8	.313	.313	35°	1.375
STD./MIN.	21	15	.375	.625	1.5	5.75	5.5	1.956	6.774	3.875	4.387	2.575	2.2	.375	.425	35°	1.75
SPECIAL	30	21	.375	.625	1.5	8.125	7.75	2.646	9.597	5.25	6.375	3.625	3.125	.5	.625	35°	2.375

COLORS

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



M6-7a: (INTERSTATE)
BI-DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BLUE (REFL.)

M6-7b: (OFF-INTERSTATE/BICYCLE FACILITIES)
BI-DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - GREEN (REFL.)

M6-7c: (COUNTY)
BI-DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - YELLOW (REFL.)
BACKGROUND - BLUE (REFL.)

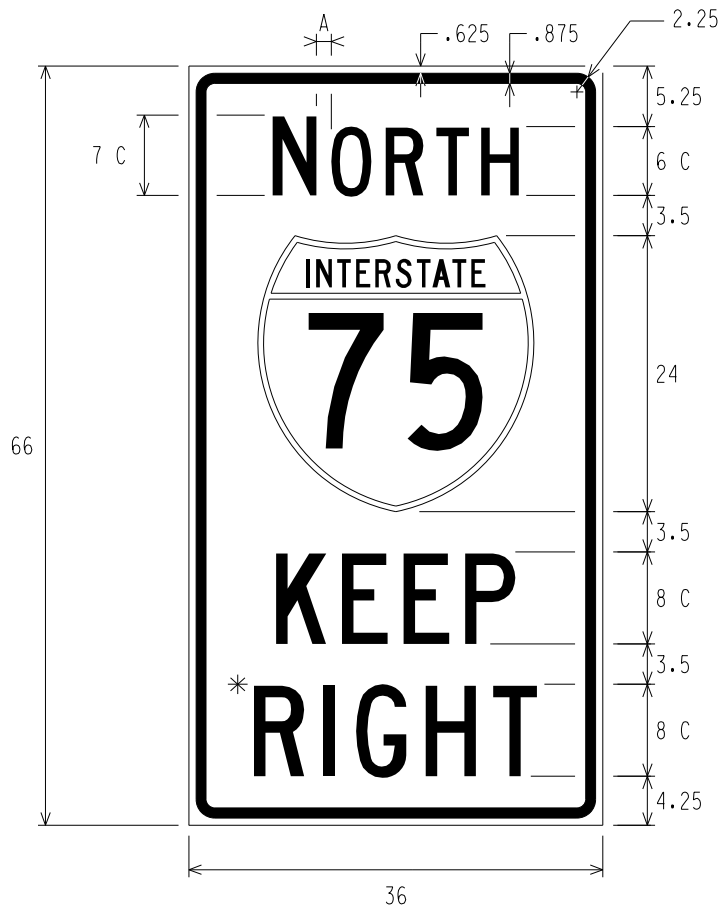
M6-7d: (RECREATIONAL)
BI-DIRECTIONAL ARROW AUXILIARY

COLORS

LEGEND AND BORDER - WHITE (REFL.)
BACKGROUND - BROWN (REFL.)

SIGN	DIMENSIONS (INCHES)			
	A	B	C	D
BIKE	12	9	.25	.75
WORK ZONE	18	12	.375	1.125
STD./MIN.	21	15	.5	1.5
SPECIAL	30	21	.5	1.5

NOTE: SEE M6-7 FOR ARROW DIMENSIONS.

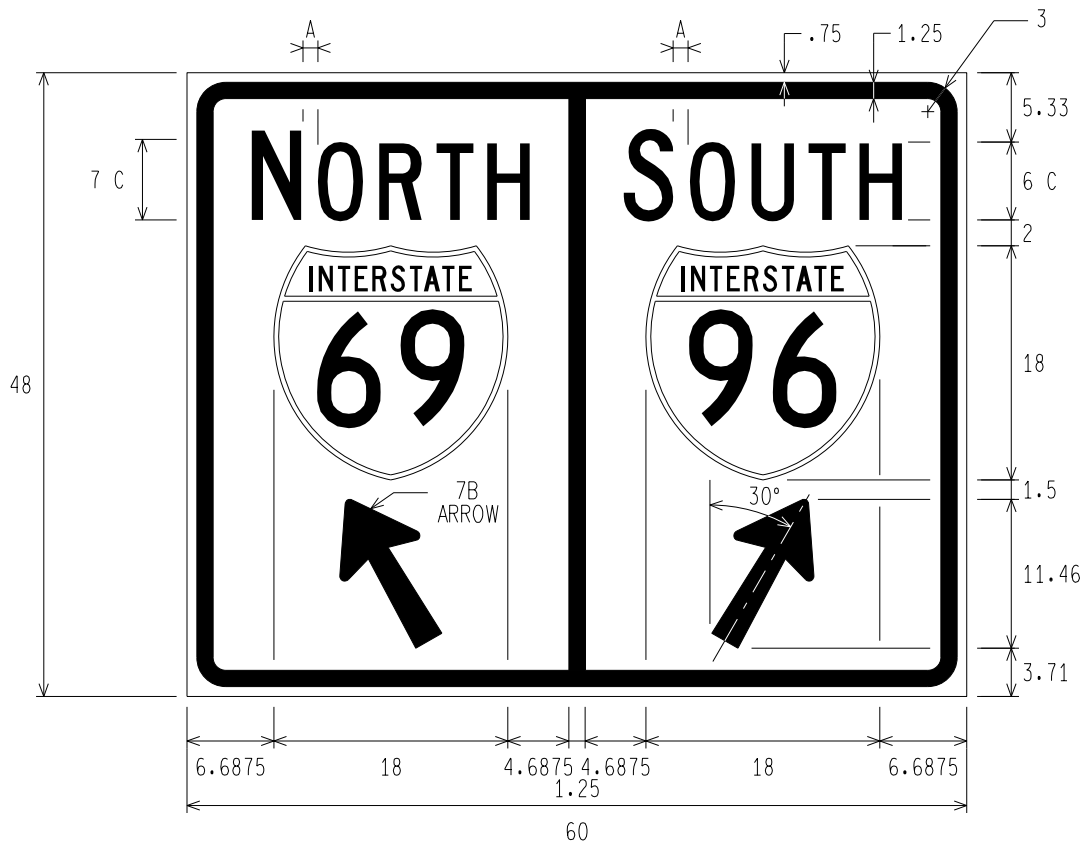


LEGEND	DIMENSIONS (IN)
	A
NORTH	1.263
EAST	1.013
SOUTH	1.263
WEST	1.013

M8-1g
DETOUR DIRECTIONAL ROUTE KEEP LEFT/RIGHT

COLORS

LEGEND & BORDER	- BLACK (NON-REFL.)
BACKGROUND	- ORANGE (REFL.)
ROUTE MARKER	- PER STANDARD
* ALTERNATE LEGEND: LEFT	

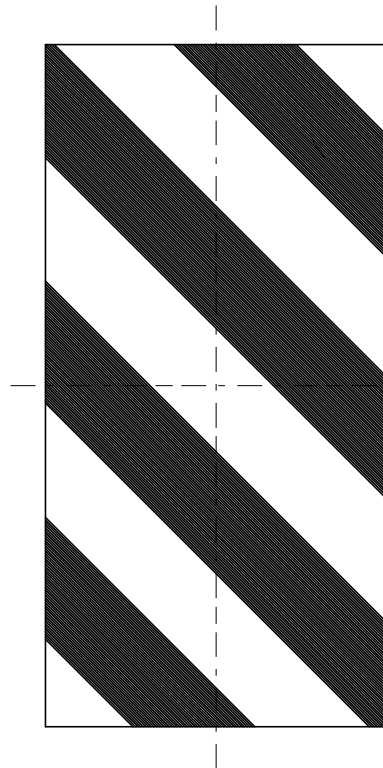


LEGEND	DIMENSIONS (IN)
	A
NORTH	1.263
EAST	1.013
SOUTH	1.263
WEST	1.013

M8-2d
DETOUR DOUBLE DIRECTIONAL ROUTE WITH ANGLED ARROWS

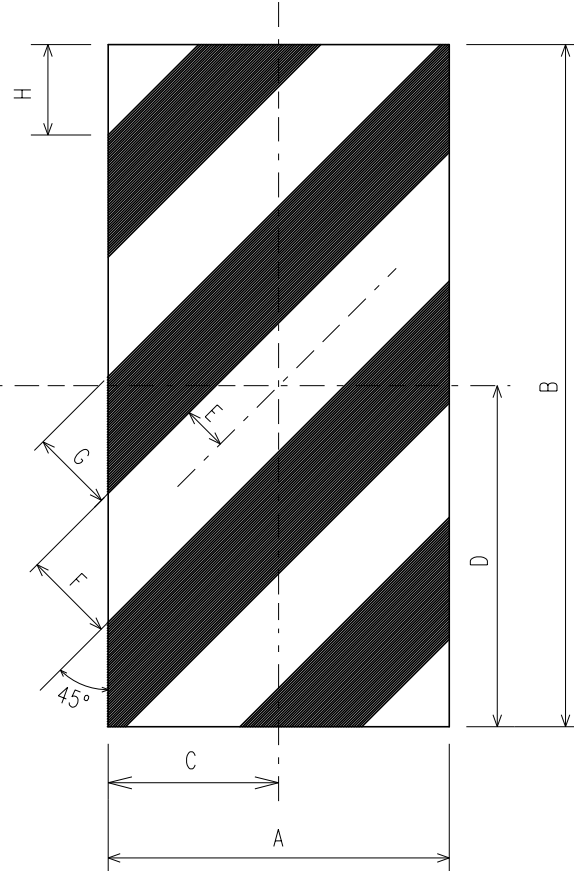
COLORS	
LEGEND & BORDER	- BLACK (NON-REFL.)
BACKGROUND	- ORANGE (REFL.)
ROUTE MARKER	- PER STANDARD

PANEL ON LEFT
SIDE OF ROADWAY



OM-3L

PANEL ON RIGHT
SIDE OF ROADWAY



OM-3R

SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
NON-FREEWAY	12	36	6	18	2	4	5	1.37
FREEWAY	24	48	12	24	3	6	7	3.5
BRIDGE PIER	36	72	18	36	4	8	10	8.75

COLORS

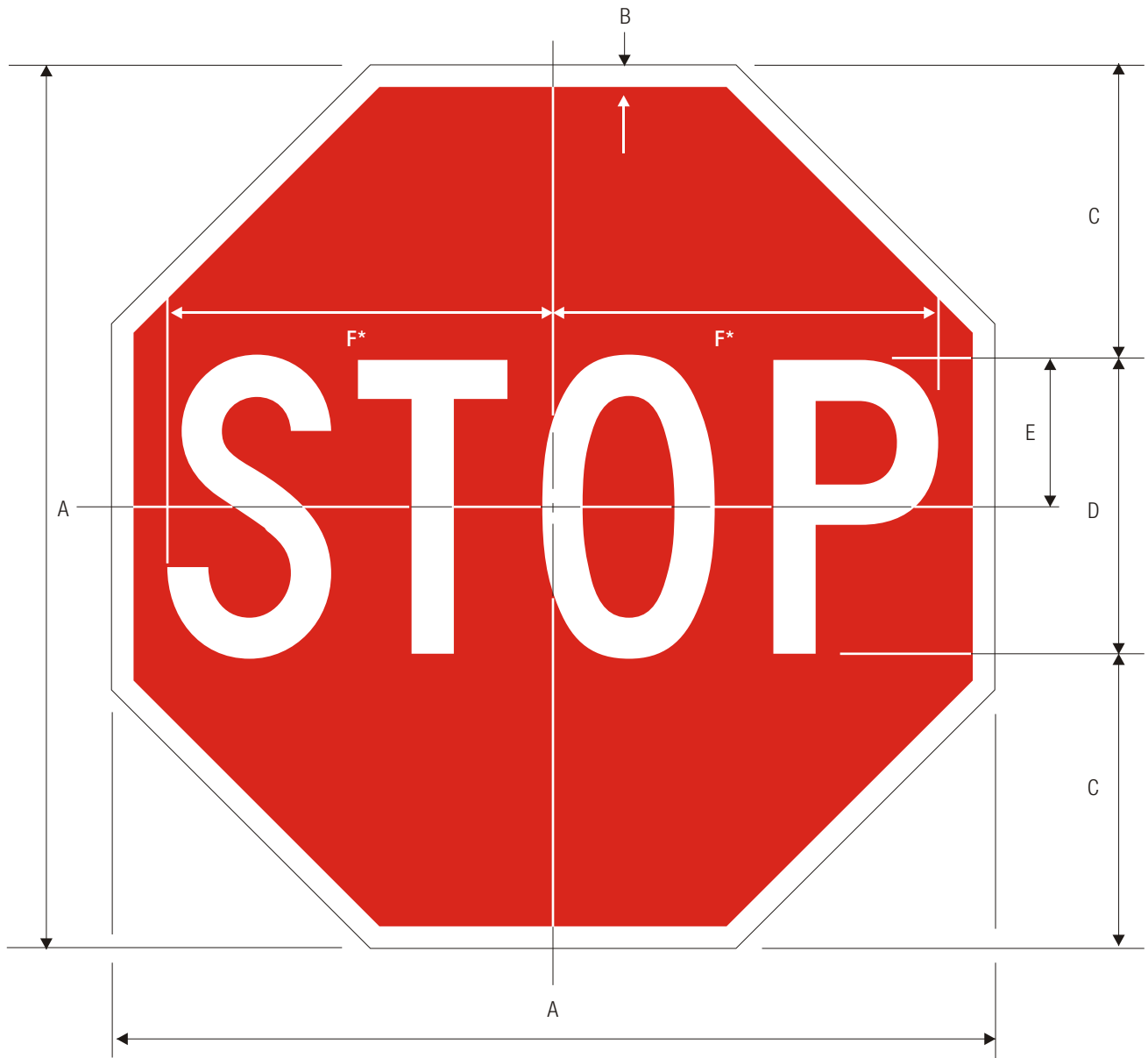
STRIPES "G" - BLACK (NON-REFL.)
STRIPES "F" - YELLOW (REFL.)
(PERMANENT SIGN)

COLORS

STRIPES "G" - ORANGE (REFL.)
STRIPES "F" - WHITE (REFL.)
(CONSTRUCTION ZONE SIGN)

MI/2006

11-3 (MI)

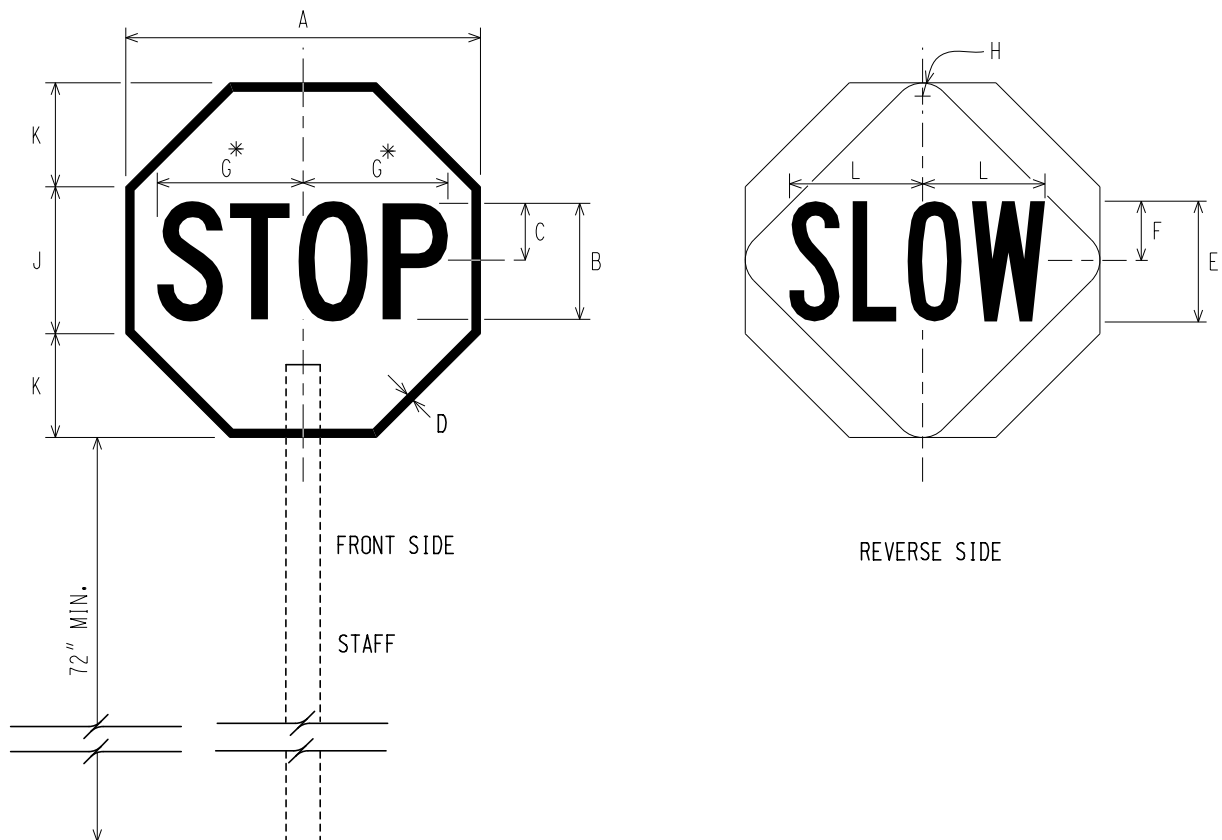


R1-1
STOP

*Reduce spacing 40%

C	A	B	C	D	E	F
	18	.375	6	6 C	3	7.75
	24	.625	8	8 C	4	10
	30	.75	10	10 C	5	12.5
	36	.875	12	12 C	6	15
	48	1.25	16	16 C	8	20

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



R1-1a
STOP-SLOW PADDLE

*SPACING REDUCED 40%

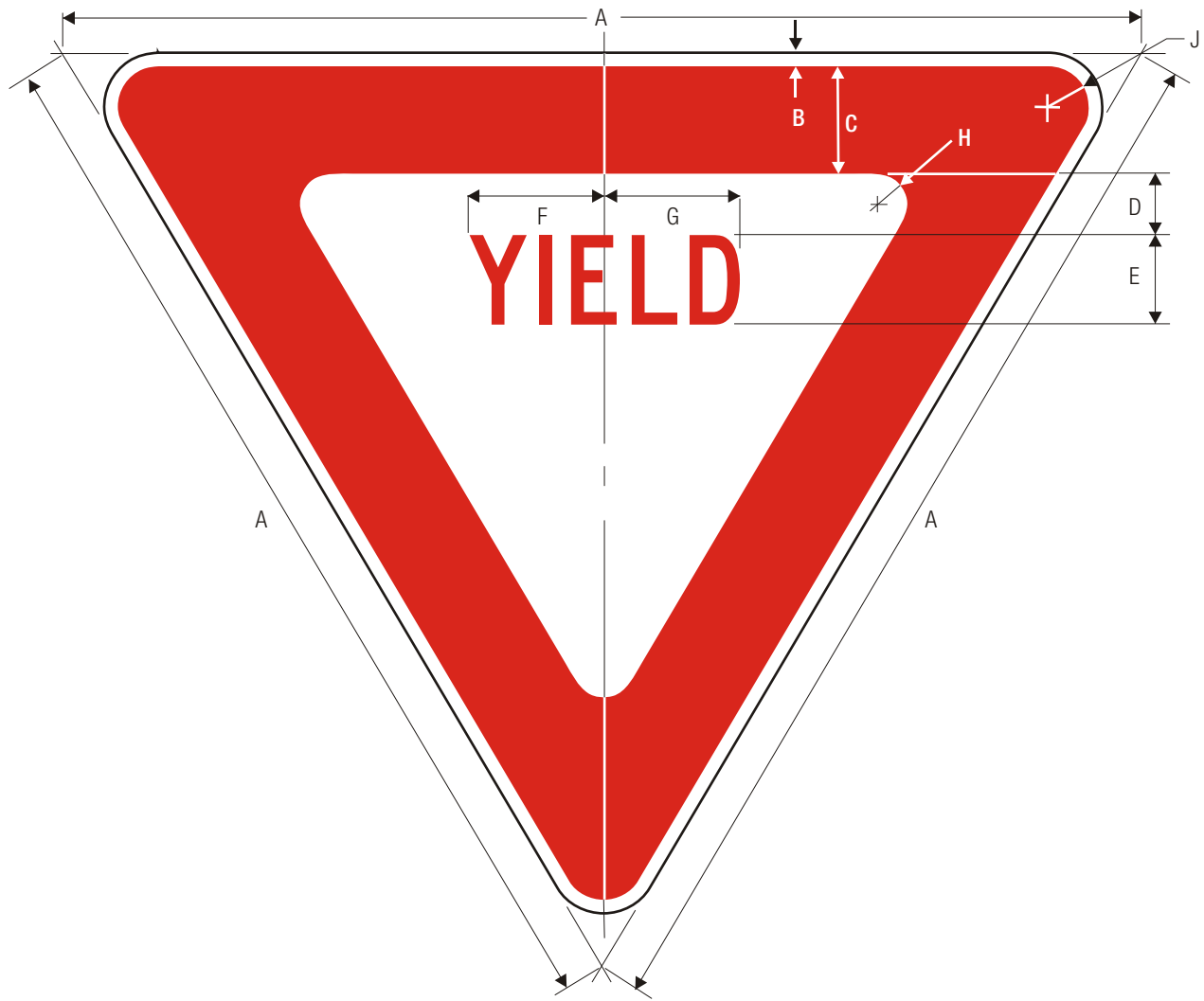
SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
MIN.	18	6 C	3	.5	6 B	3	7.75	1.5	7.5	5.25	6.25
SPECIAL	24	8 C	4	.62	8 B	3.5	10	1.5	9.87	7.06	8.25

NOTES:

1. THE SIGN FACE SHALL BE SEMI-RIGID MATERIAL AND OCTAGONAL-SHAPED IN DESIGN.
2. THE 18" SIGN AND ITS DIMENSIONS SHOWN ARE MINIMUM. PROPORTIONATELY LARGER PADDLE SIGNS MAY BE USED.
3. THE SIGN SHALL BE ATTACHED TO A STAFF OF SUITABLE DESIGN THAT WILL ALLOW THE ENTIRE UNIT TO BE HELD AND CONTROLLED BY ONE PERSON WITH THE BOTTOM OF THE SIGN A MINIMUM OF 72" ABOVE THE GROUND/ LENGTH TO SUIT. THE SIGN SHALL BE FASTENED TO THE STAFF IN SUCH A MANNER THAT NO PART OF THE LEGEND IS OBSCURED. ANY PORTION OF THE STAFF WITHIN THE SIGN FACE SHALL MATCH THE SIGN COLORS.

COLORS

STOP PANEL:	LEGEND AND BORDER	- WHITE (REFL.)
	BACKGROUND	- RED (REFL.)
SLOW PANEL:	LEGEND	- BLACK (NON REFL.)
	DIAMOND BACKGROUND	- ORANGE (REFL.)
	PORTIONS OUTSIDE DIAMOND	- BLACK (NON-REFL.)

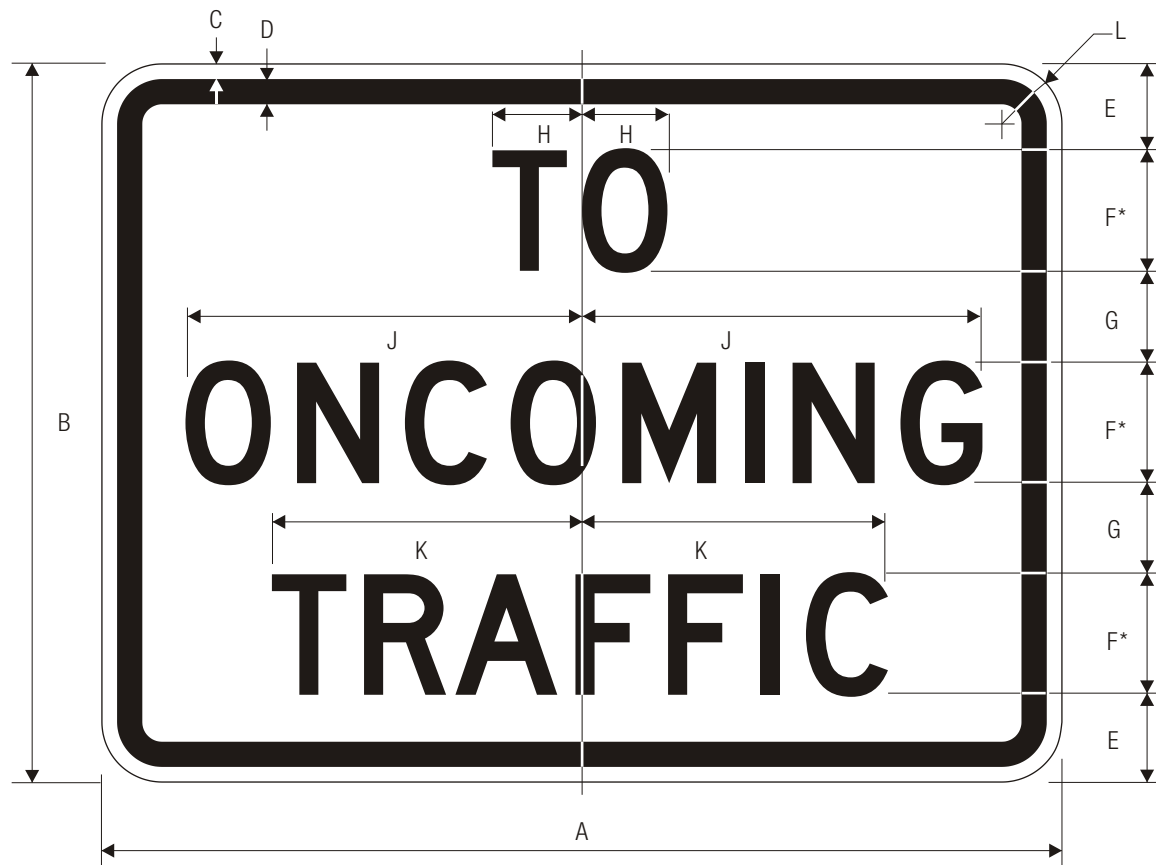


R1-2
YIELD

A	B	C	D	E	F	G	H	J
18	.375	2	1	1.5 C	2.375	2.188	.625	1.5
24	.375	3	1.375	2 C	3.25	3	.875	1.5
30	.625	4	1.75	2.5 C	3.938	3.625	.875	1.5
36	.75	5	2	3 C	4.688	4.375	1.25	2
48	1	6	2.75	4 C	6.25	5.875	2	3
60	1.5	8	3.5	5 C	7.875	7.25	2.5	4

C

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



R1-2aP

TO ONCOMING TRAFFIC

*Series2000 Standard Alphabets.

C	A	B	C	D	E	F	G	H	J	K	L
	24	18	.375	.625	2.5	3 D	2	2.188	10	7.75	1.5
	36	30	.625	.875	5.25	4.5 D	3	3.266	14.873	11.496	2.25
	48	36	.75	1.25	5	6 D	4	4.355	19.829	15.327	3

COLORS: LEGEND — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R2-1
SPEED LIMIT

* Optically space numerals about centerline.

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

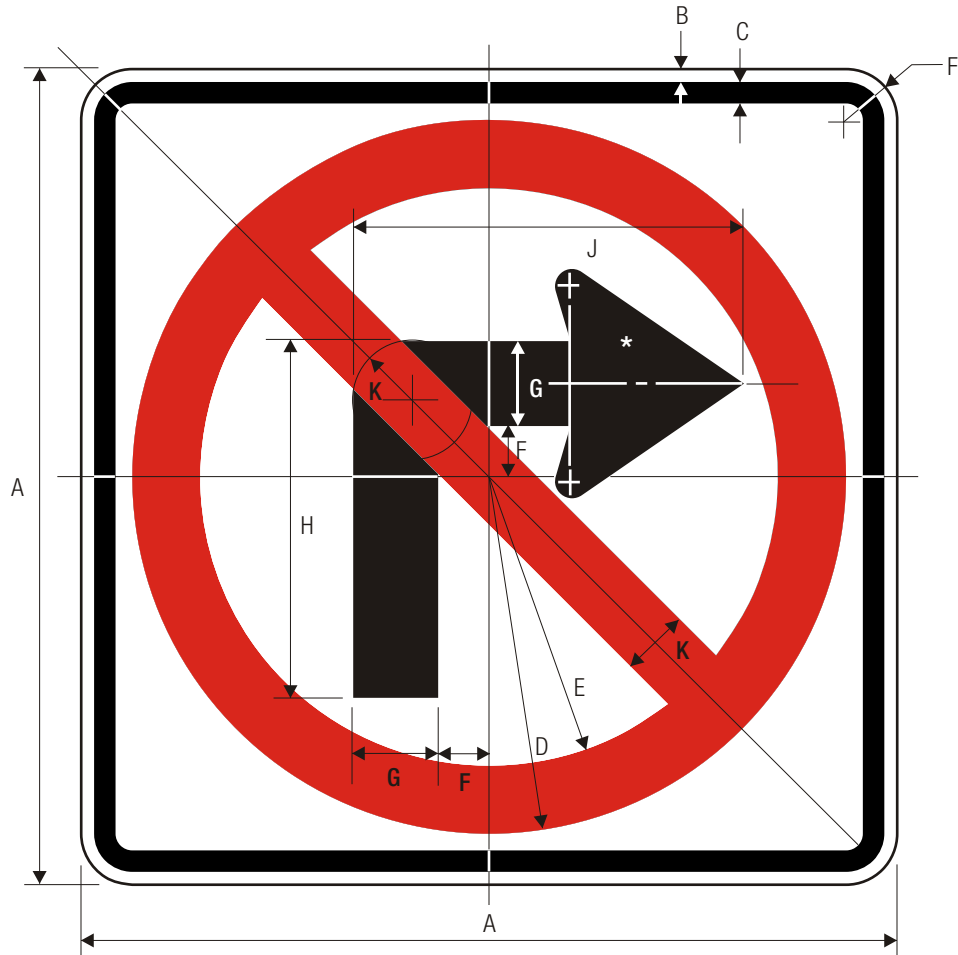
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R2-1a
WHERE WORKERS PRESENT SPEED LIMIT

COLORS

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



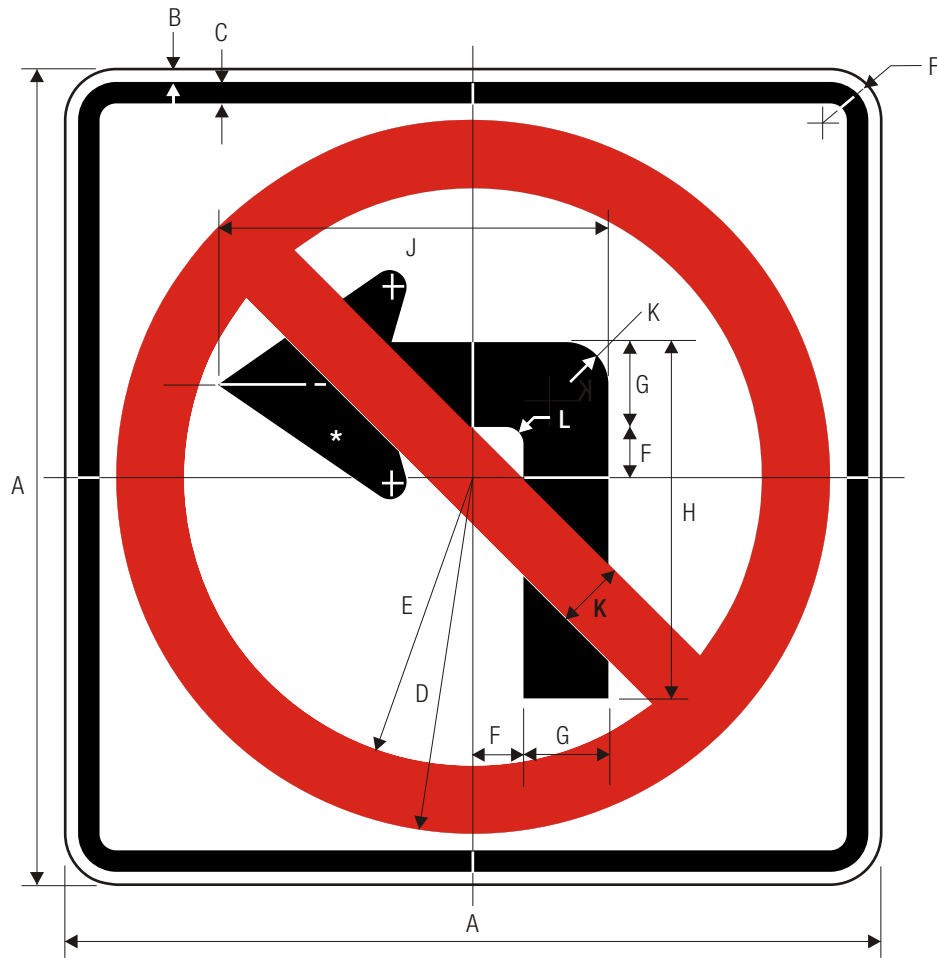
R3-1

RIGHT TURN PROHIBITION

*See page 6-2 for design details.

C	A	B	C	D	E	F	G	H	J	K
	24	.375	.625	10.5	8.5	1.5	2.5	10.5	11.5	2
	30	.5	.75	13.125	10.625	1.875	3.125	13.125	14.5	2.5
	36	.625	.875	15.75	12.75	2.25	3.75	15.75	17.25	3
	48	.75	1.25	21	17	3	5	21	23	4

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



R3-2
LEFT TURN PROHIBITION

*See page 6-2 for design details.

C	A	B	C	D	E	F	G	H	J	K	L
	24	.375	.625	10.5	8.5	1.5	2.5	10.5	11.5	2	.5
	30	.5	.75	13.125	10.625	1.875	3.125	13.125	14.5	2.5	.625
	36	.625	.875	15.75	12.75	2.25	3.75	15.75	17.25	3	.75
	48	.75	1.25	21	17	3	5	21	23	4	1

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



R3-3
NO TURNS

*Reduce spacing 35%.

	A	B	C	D	E	F	G	H	J	K	L	M
C	24	.375	.625	4.5	6 D	4	5 D	4.688	5	9.813	9.563	1.5
	36	.625	.875	6	10 D	6	8 D	7.75	8.313	15.688	15.313	2.25
	48	.75	1.25	9	12 D	8	10 D	9.313	10	19.625	19.125	3

COLORS: LEGEND — BLACK
BACKGROUND— WHITE (RETROREFLECTIVE)



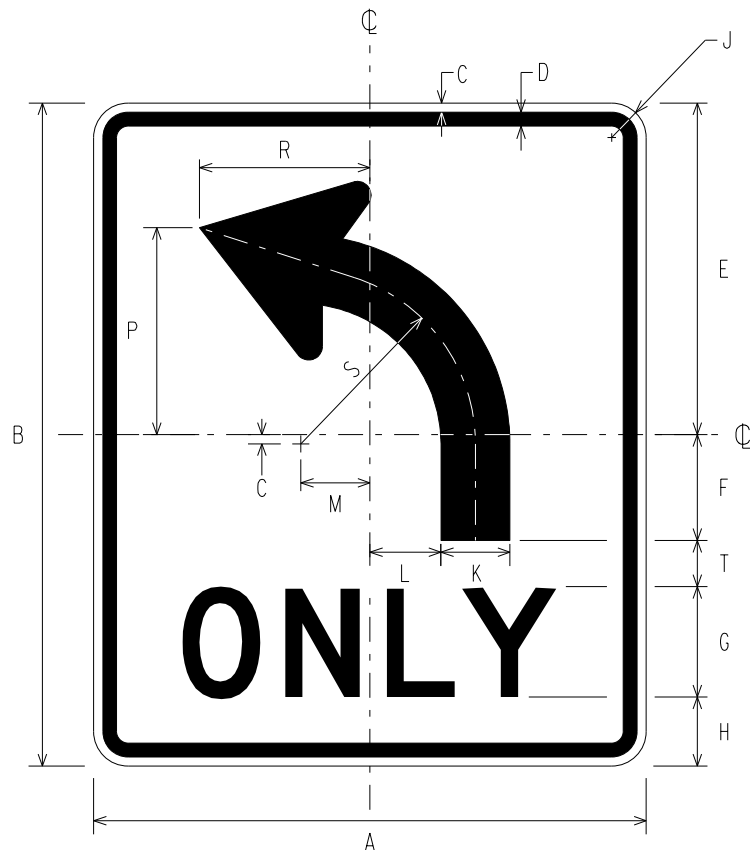
R3-4
U-TURN PROHIBITED

*See page 6-2 for design.

C

A	B	C	D	E	F	G	H	J	K	L	M
24	.375	.625	10.5	8.5	2.5	2.5	6	2.25	1.5	2	5
30	.5	.75	13.125	10.625	3.125	3.125	7.5	2.813	1.875	2.5	6.25
36	.625	.875	15.75	12.75	3.75	3.75	9	3.375	2.25	3	7.5
48	.75	1.25	21	17	5	5	12	4.5	3	4	10

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



R3-5(L)

OVERHEAD LANE USE SIGN (LEFT ONLY)

NOTE: R3-5(R) IS A MIRROR IMAGE OF R3-5(L)

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
35 MPH OR LESS	30	36	.5	.75	18	5.75	6 D	3.75	1.875	3.75
40 MPH OR MORE	36	48	.625	.875	24	7.69	8 D	5	2.25	4.75
	L	M	P	R	S	T				
35 MPH OR LESS	3.875	3.75	11.25	9.25	9.5	2.5				
40 MPH OR MORE	4.91	4.756	14.247	11.72	12.039	3.37				

COLORS

LEGEND, BORDER, AND ARROW - BLACK (NON-REFL.)

BACKGROUND - WHITE (REFL.)

CENTRALLY LOCATE ALL LEGENDS

SEE APPENDIX PAGE 6-2 FOR ARROW DETAILS

FOR OVERHEAD USE ONLY



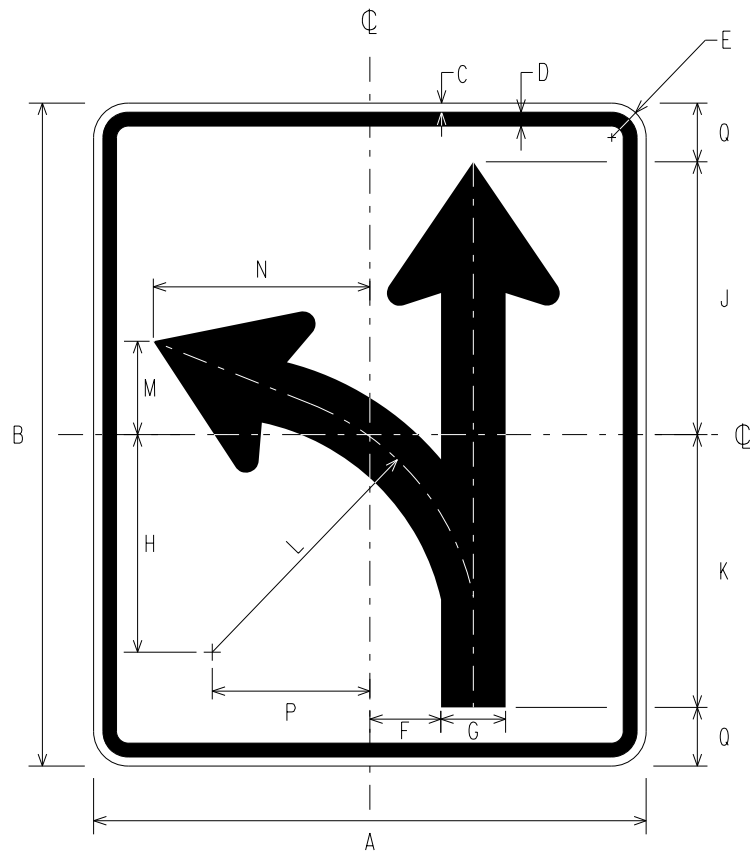
R3-5a
OVERHEAD LANE USE SIGN (THRU ONLY)

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
35 MPH OR LESS	30	36	.5	.75	3.75	20	2.5	6 D	1.875	3.75
40 MPH OR MORE	36	48	.625	.875	5	26.62	3.37	8 D	2.25	5

COLORS

LEGEND, BORDER, AND ARROW - BLACK (NON-REFL.)
 BACKGROUND - WHITE (REFL.)
 CENTRALLY LOCATE ALL LEGENDS
 SEE APPENDIX PAGE 6-2 FOR ARROW DETAILS

FOR OVERHEAD USE ONLY



R3-6(L)

OVERHEAD LANE USE SIGN (LEFT/THRU)

NOTE: R3-6(R) IS A MIRROR IMAGE OF R3-6(L)

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
35 MPH OR LESS	30	36	.5	.75	1.875	3.87	3.5	11.25	15.37	14.25
40 MPH OR MORE	42	48	.75	1.25	2.25	5.25	4.75	15	20.5	19
	L	M	N	P	Q					
35 MPH OR LESS	14.5	5.62	11.75	8.56	3.19					
40 MPH OR MORE	19.5	7.62	15.87	11.56	4.25					

COLORS

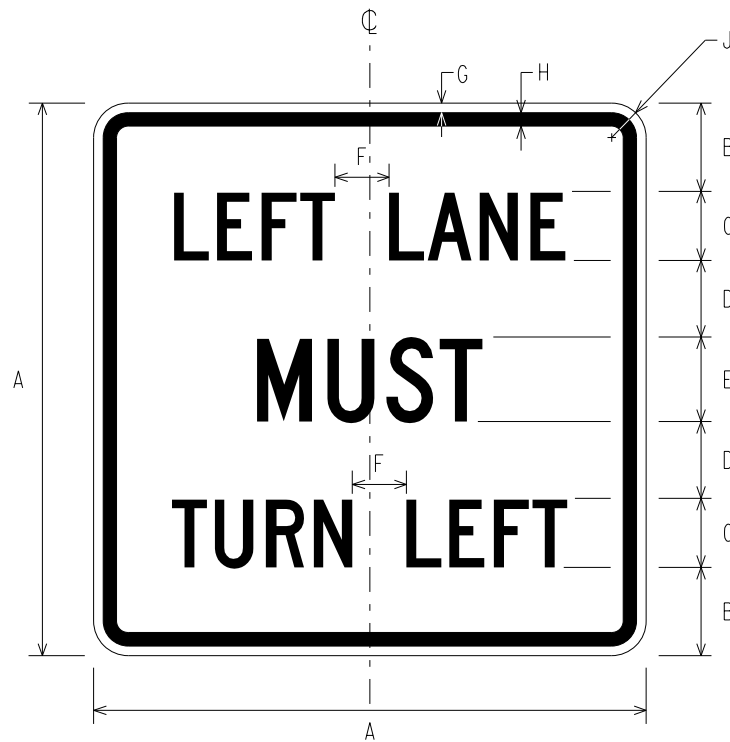
SYMBOL AND BORDER - BLACK (NON-REFL.)

BACKGROUND - WHITE (REFL.)

CENTRALLY LOCATE ALL LEGENDS

SEE APPENDIX PAGE 6-2 FOR ARROW DETAILS

FOR OVERHEAD USE ONLY

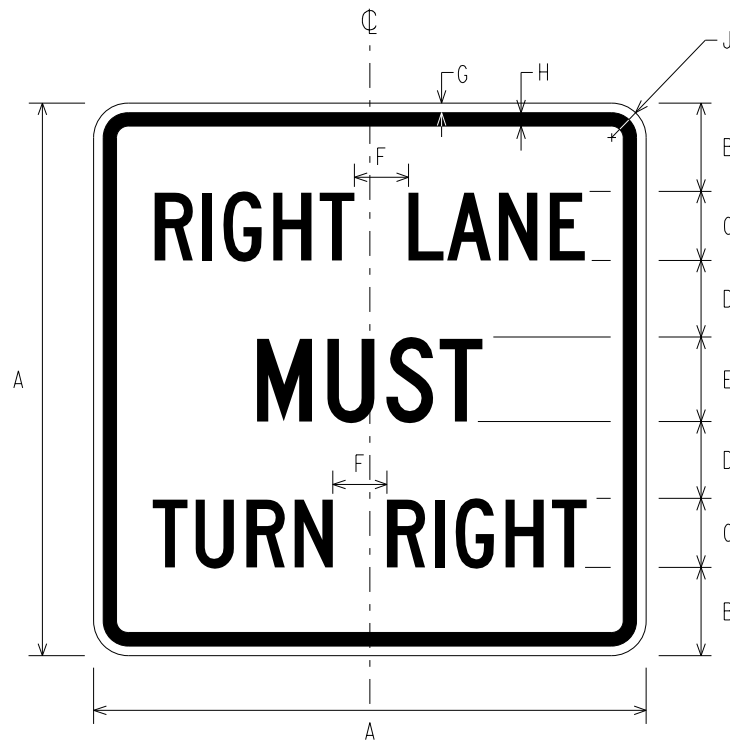


R3-7L
LEFT LANE MUST TURN LEFT

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
SINGLE LANE	30	4.5	4 C	4	5 C	3	.5	.75	1.875
MULTI LANE	36	5.75	4.5 C	5	5.5 C	3.5	.625	.875	2.25

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - WHITE (REFL.)
 CENTRALLY LOCATE ALL LEGENDS
 REDUCE SPACING BETWEEN LETTERS TO 80%

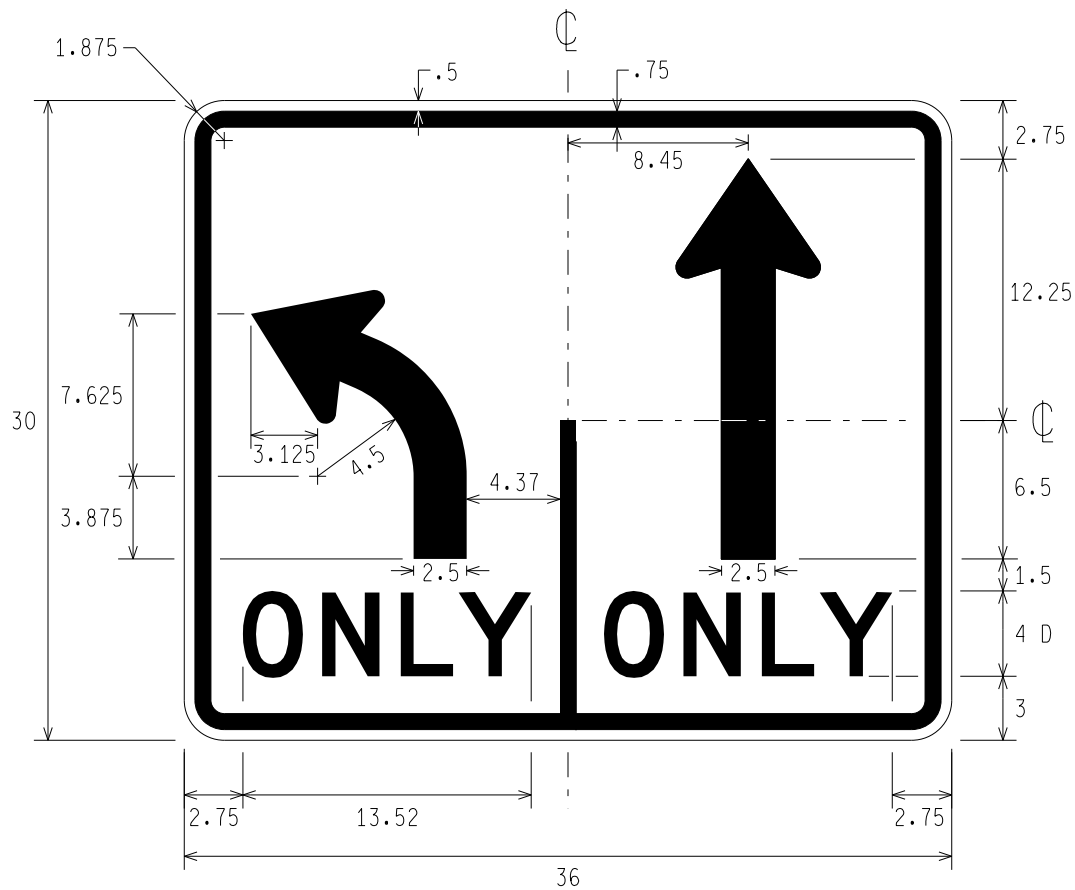


R3-7R
RIGHT LANE MUST TURN LEFT

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
SINGLE LANE	30	4.5	4 C	4	5 C	3	.5	.75	1.875
MULTI LANE	36	5.75	4.5 C	5	5.5 C	3.5	.625	.875	2.25

COLORS

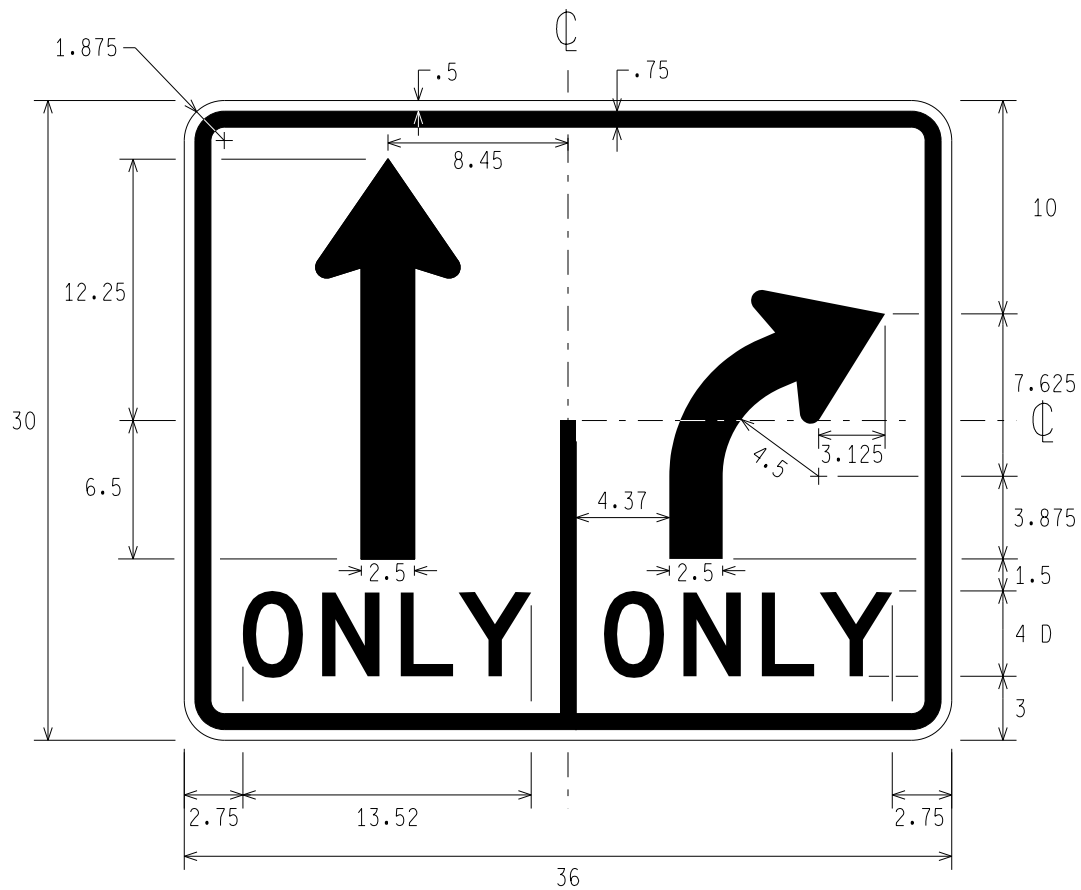
LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - WHITE (REFL.)
 CENTRALLY LOCATE ALL LEGENDS
 REDUCE SPACING BETWEEN LETTERS TO 80%



R3-8c
LEFT ONLY, THROUGH ONLY

COLORS

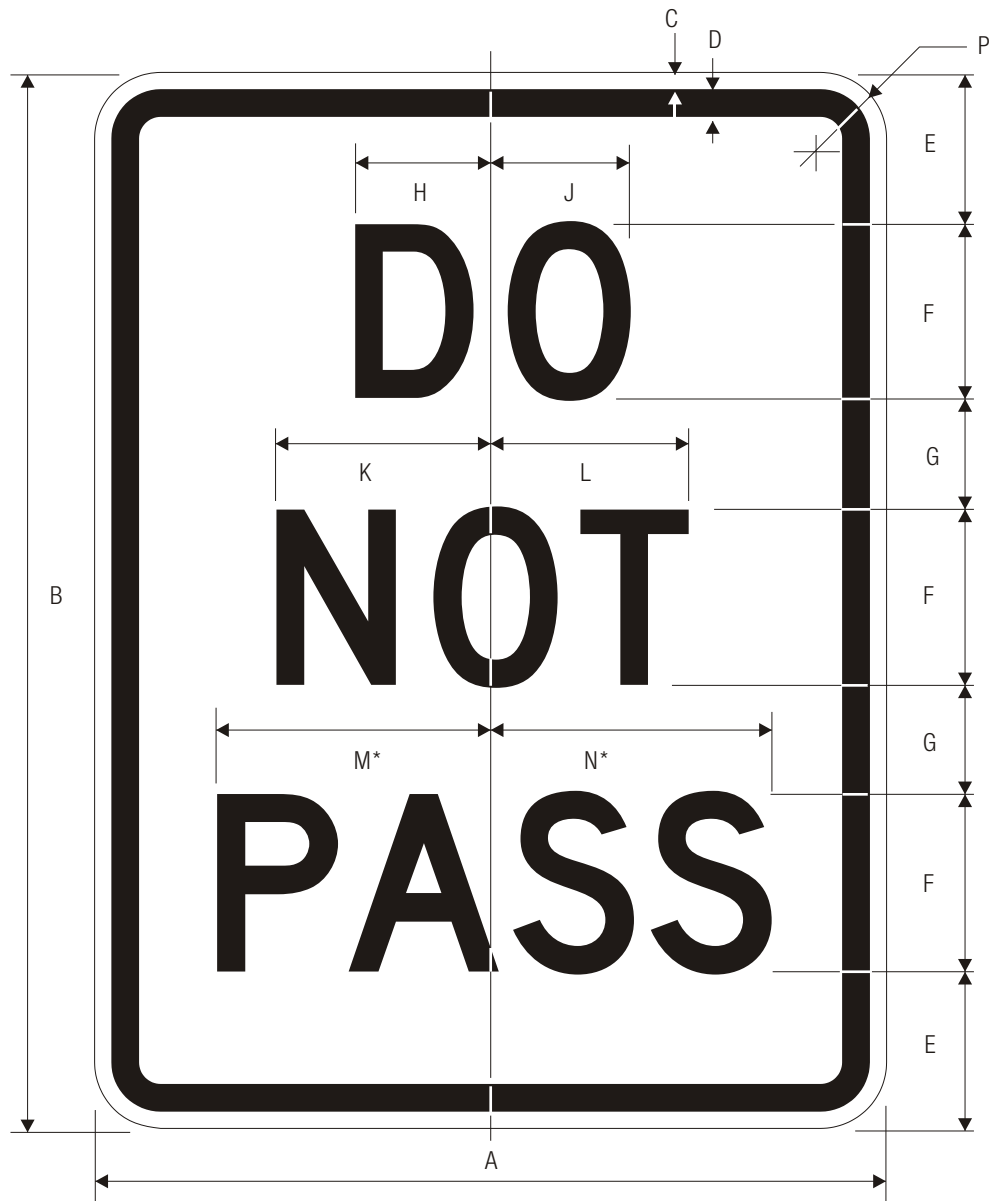
LEGEND, BORDER, AND ARROW - BLACK (NON-REFL.)
BACKGROUND - WHITE (REFL.)
SEE APPENDIX PAGE 6-2 FOR ARROW DETAILS



R3-8d
THROUGH ONLY, RIGHT ONLY

COLORS

LEGEND, BORDER, AND ARROW - BLACK (NON-REFL.)
BACKGROUND - WHITE (REFL.)
SEE APPENDIX PAGE 6-2 FOR ARROW DETAILS



R4-1
DO NOT PASS

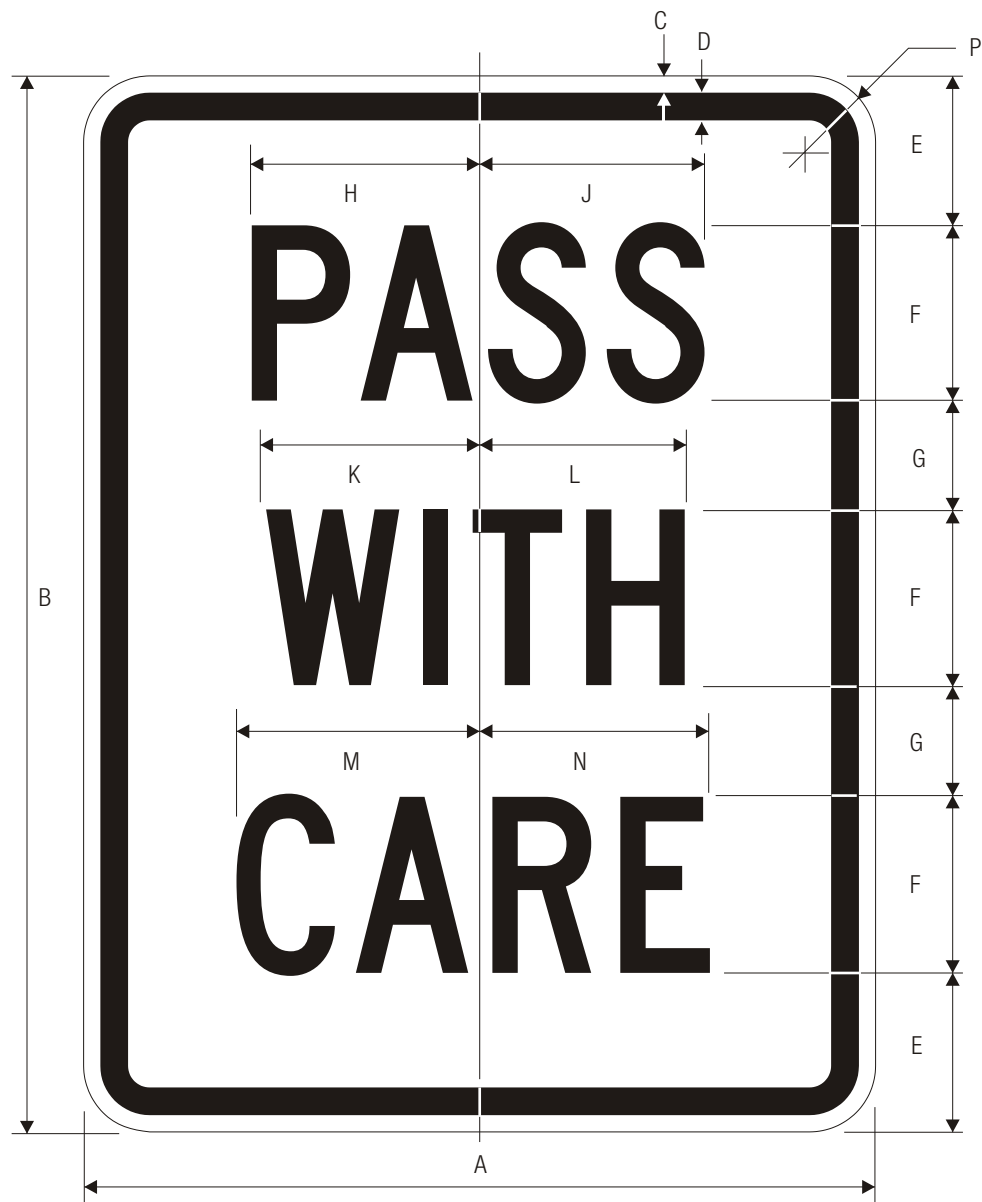
*Reduce spacing to fit.

C

A	B	C	D	E	F	G	H	J	K	L
12	18	.375	.438	2.875	2.75 D	2	2.125	2.188	3.188	3.438
18	24	.375	.625	3.5	4 D	2.5	3.125	3.313	4.75	4.875
24	30	.375	.625	3.5	6 D	2.5	4.688	5	7.125	7.375
36	48	.625	.875	7	8 D	5	6.25	6.625	9.5	9.75
48	60	.75	1.25	8	10 D	7	7.75	8.313	11.875	12.25

M	N	P
4.188	4.438	1.5
6.25	6.5	1.5
9.375	9.75	1.5
12.5	13	2.25
15.625	16.25	3

COLORS: LEGEND — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



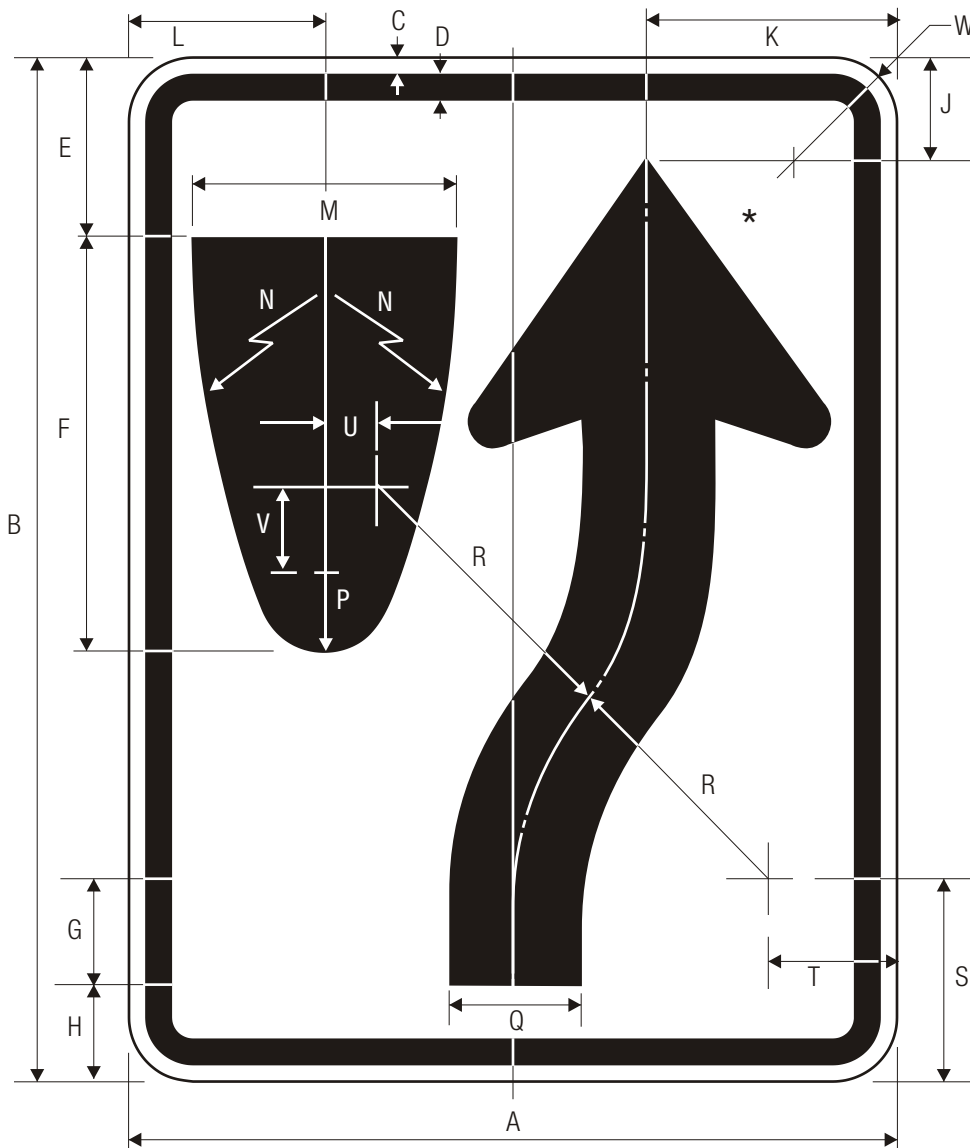
R4-2

PASS WITH CARE

A	B	C	D	E	F	G	H	J	K	L
12	18	.375	.438	2.5	3 C	2	3.75	4	3.75	3.375
18	24	.375	.625	3.5	4 C	2.5	5.438	5.625	5	4.75
24	30	.375	.625	3.5	6 C	2.5	8.188	8.438	7.5	7.188
36	48	.625	.875	7	8 C	5	10.875	11.25	10	9.5
48	60	.75	1.25	8	10 C	7	13.625	14.063	12.5	11.938

M	N	P
3.938	4.125	1.5
5.375	5.5	1.5
8	8.25	1.5
10.688	11	2.25
13.375	13.75	3

COLORS: LEGEND — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R4-7

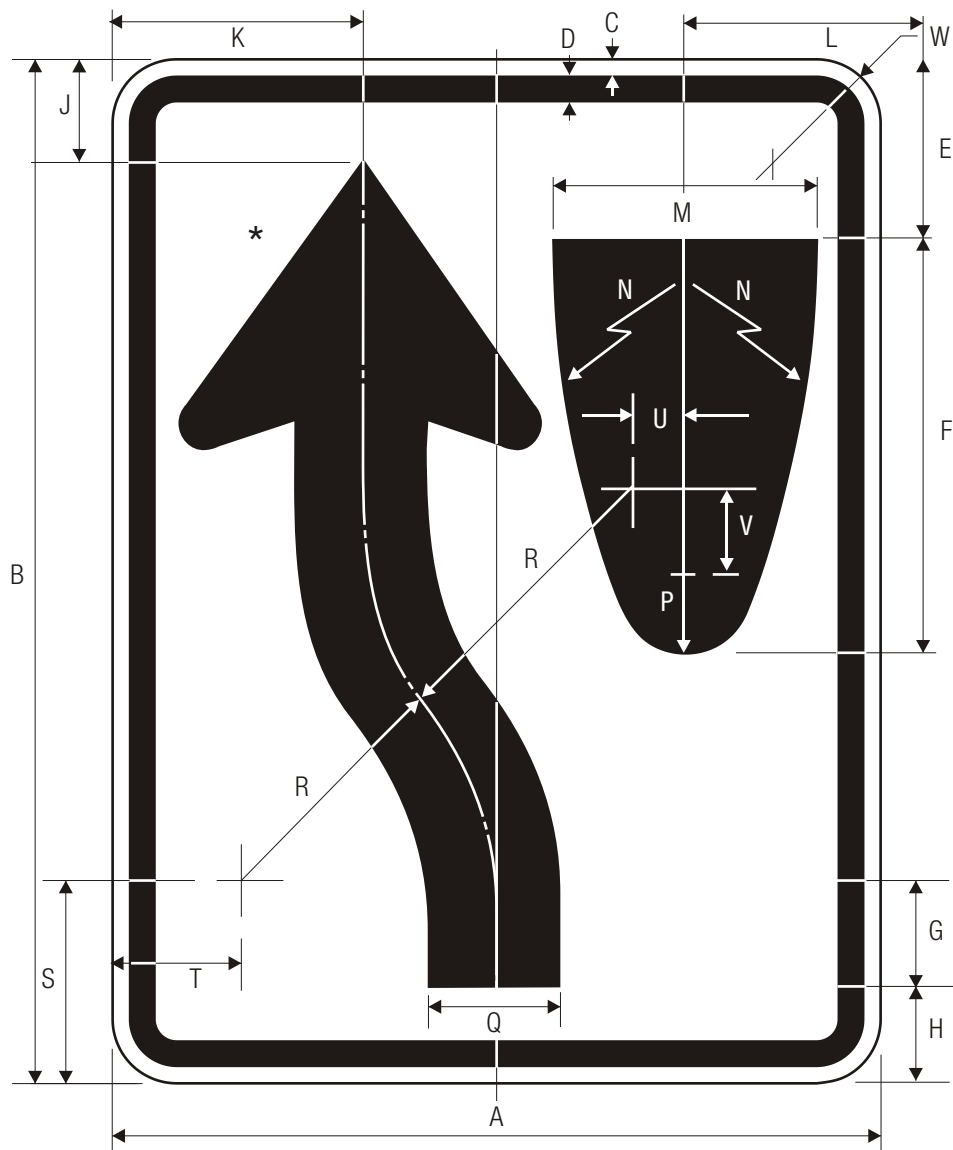
KEEP RIGHT

*See page 6-2 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
12	18	.375	.438	4	5.5	1.1	3.28	3.28	3.86	3.526	3.472
18	24	.375	.625	3.375	9.375	1.875	2.25	1.375	5.5	4.688	6
24	30	.375	.625	4.5	12.5	2.5	3	1.875	7.375	6.25	8
36	48	.625	.875	6.75	18.75	3.75	4.5	2.813	11.125	9.375	12
48	60	.75	1.25	9	25	5	6	3.75	14.813	12.5	16

N	P	Q	R	S	T	U	V	W
13	.831	1.75	4.212	4.38	1.826	.375	.5	1.5
22.5	1.5	3	6.75	4.125	2.25	1.063	.438	1.5
30	2	4	9	5.5	3	1.375	2.813	1.5
45	3	6	13.5	8.25	4.5	2	2.75	2.25
60	4	8	18	11	6	2.688	5	3

LEGEND — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



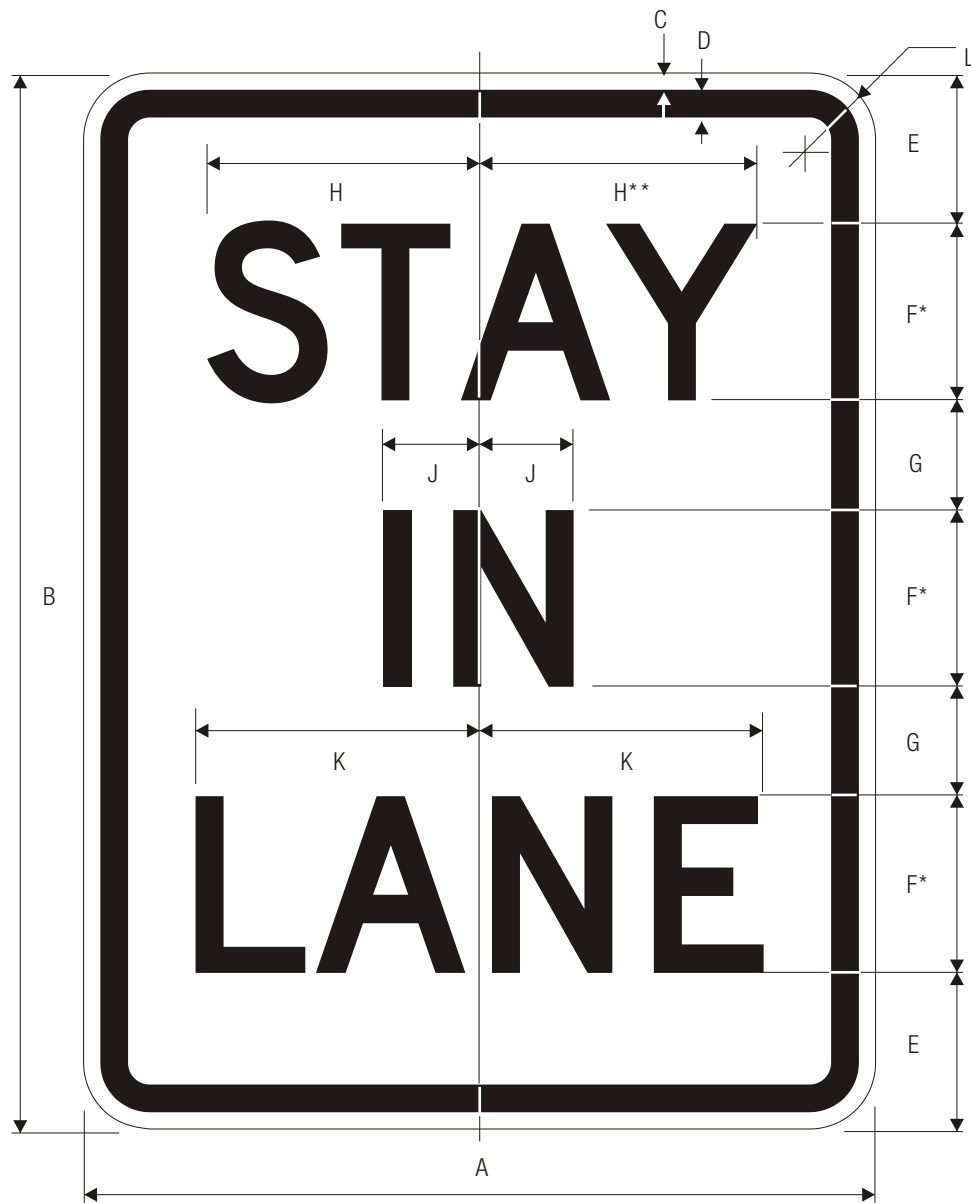
R4-8
KEEP LEFT

*See page 6-2 for design

A	B	C	D	E	F	G	H	J	K	L	M
18	24	.375	.625	3.375	9.375	1.875	2.25	1.375	5.5	4.688	6
24	30	.375	.625	4.5	12.5	2.5	3	1.875	7.375	6.25	8
36	48	.625	.875	6.75	18.75	3.75	4.5	2.813	11.125	9.375	12
48	60	.75	1.25	9	25	5	6	3.75	14.813	12.5	16

N	P	Q	R	S	T	U	V	W
22.5	1.5	3	6.75	4.125	2.25	1.063	.438	1.5
30	2	4	9	5.5	3	1.375	2.813	1.5
45	3	6	13.5	8.25	4.5	2	2.75	2.25
60	4	8	18	11	6	2.688	5	3

LEGEND — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



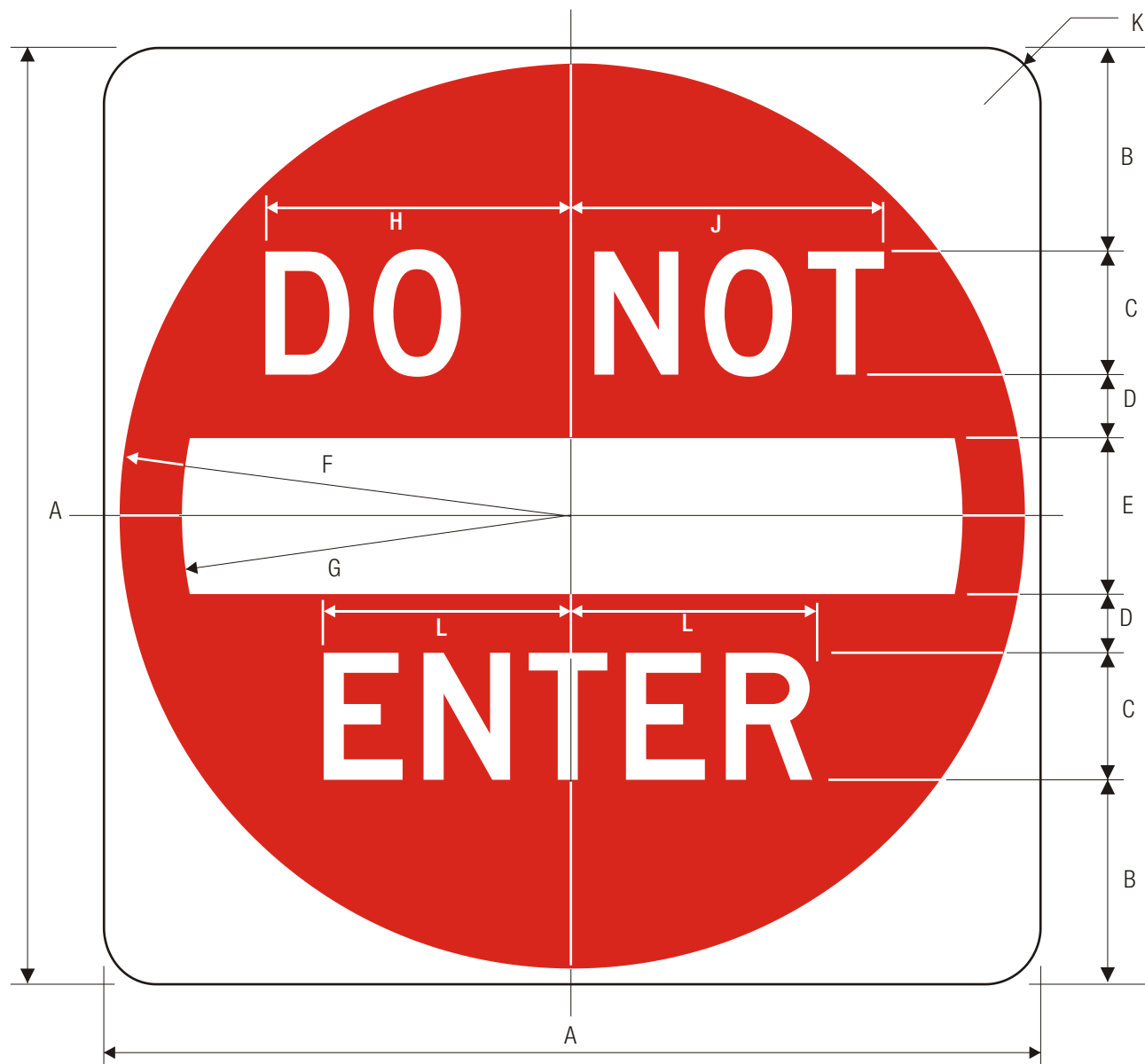
R4-9
STAY IN LANE

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

C

A	B	C	D	E	F	G	H	J	K	L
18	24	.375	.625	3	4 D	3	6.264	2.161	6.464	1.5
24	30	.375	.625	3.687	5 D	3.813	7.865	2.702	8.046	1.5
36	48	.625	.875	8.25	7 D	5.25	11	3.762	11.248	2.25
48	60	.75	1.25	7.5	10 D	7.5	15.651	5.424	16.172	3

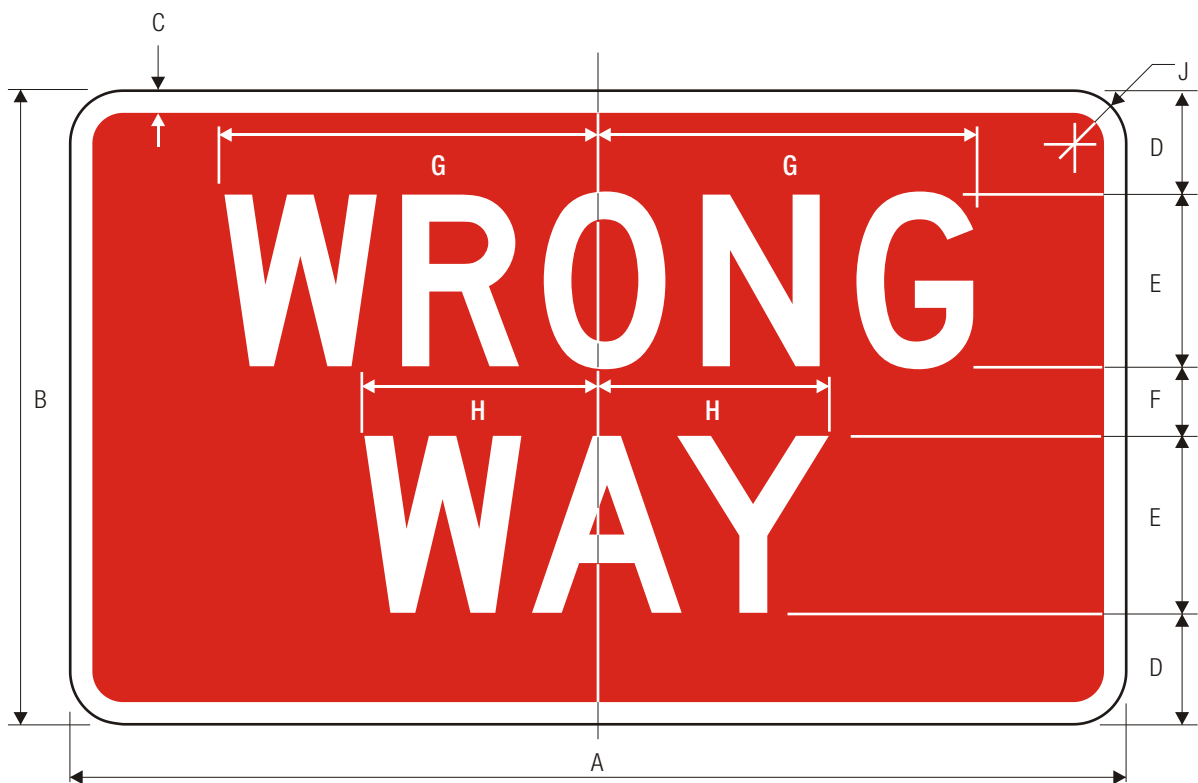
COLORS: LEGEND — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R5-1
DO NOT ENTER

C	A	B	C	D	E	F	G	H	J	K	L
	30	6.5	4 D	2	5	14.5	12.5	9.75	10	1.875	7.875
	36	7.5	5 D	2.5	6	17.5	15	12	12.375	2.25	9.813
	48	11	6 D	3	8	23.5	20	14.5	15	3	11.75

COLORS: SYMBOL — RED (RETROREFLECTIVE)
LEGEND & BACKGROUND — WHITE (RETROREFLECTIVE)

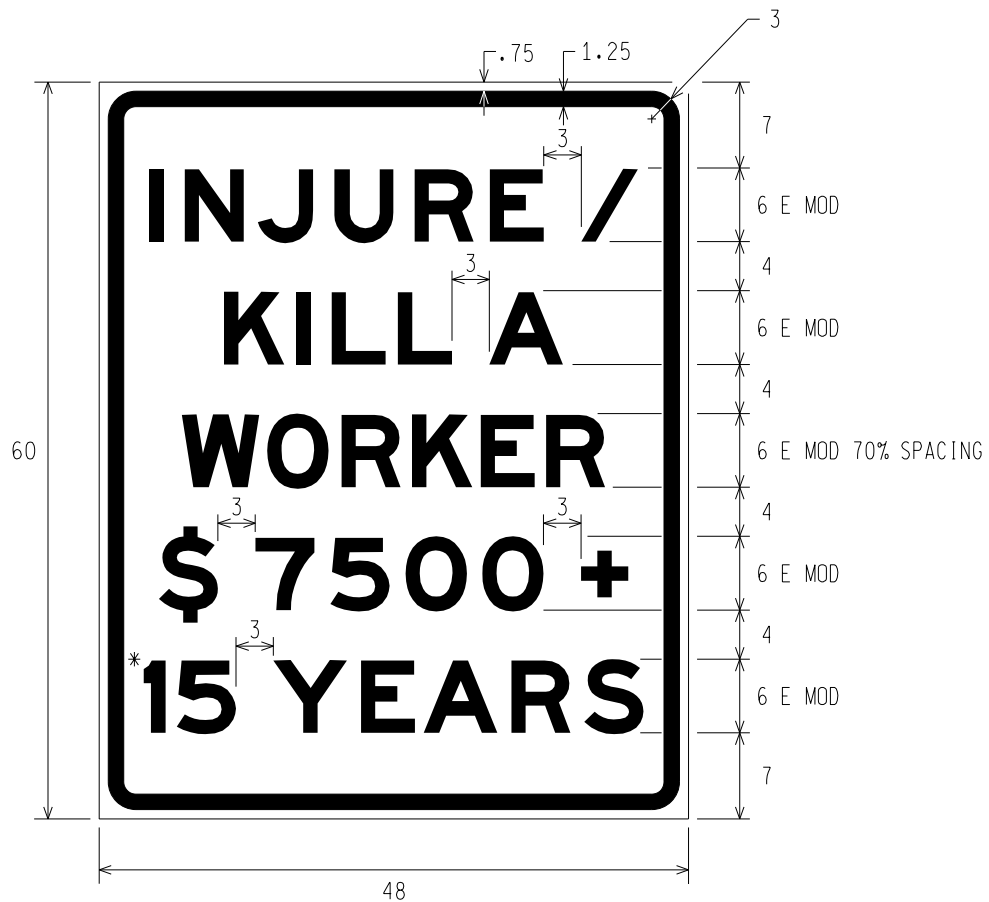


R5-1a

WRONG WAY

	A	B	C	D	E	F	G	H	J
	30	18	.625	3	5 D	2	11.063	6.688	1.5
C	36	24	.75	4.5	6 D	3	13.313	8.063	1.5
	42	30	.875	5	8 D	4	17.75	10.75	1.875

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



R5-18b

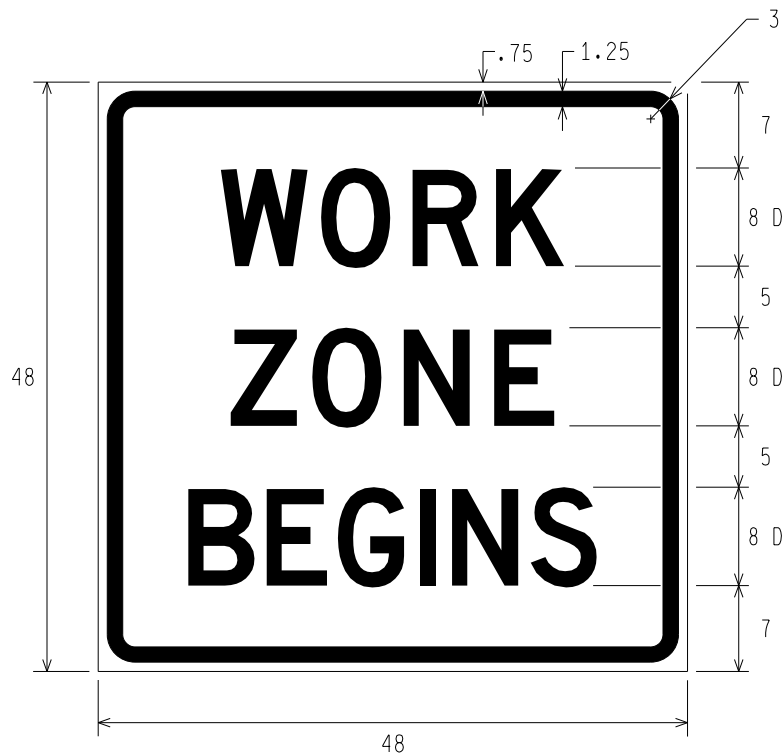
INJURE / KILL A WORKER \$ 7500 + 15 YEARS

COLORS

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

CENTRALLY LOCATE ALL LEGENDS

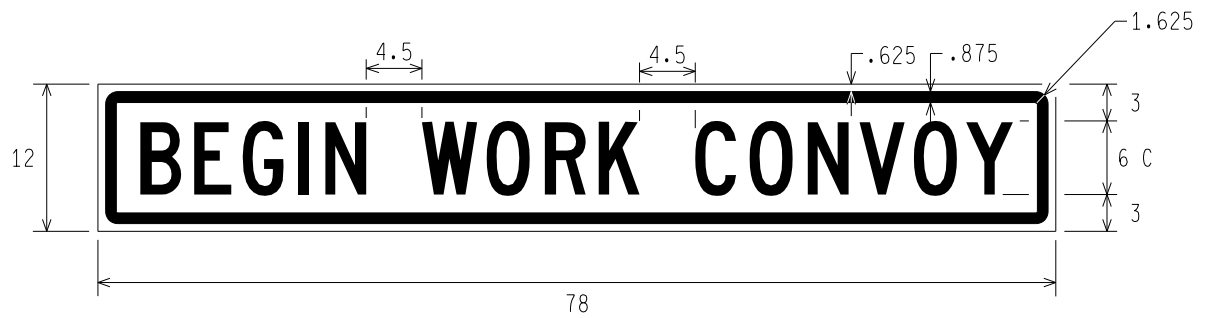
*REDUCE SPACING BETWEEN LETTERS TO 60%



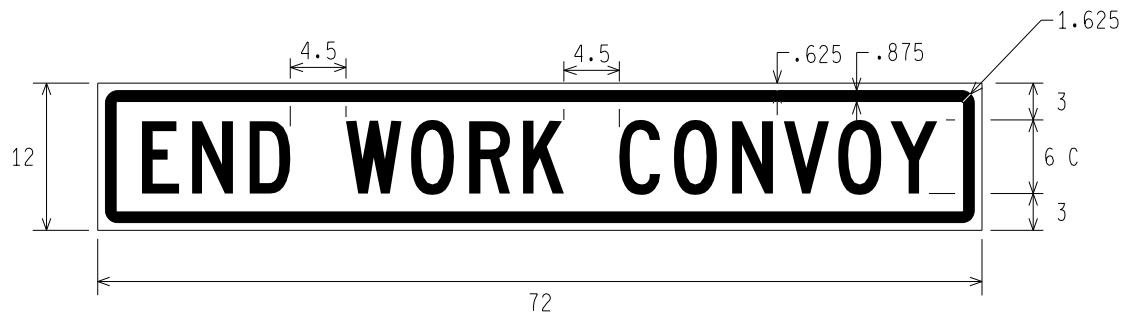
R5-18c
WORK ZONE BEGINS

COLORS

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



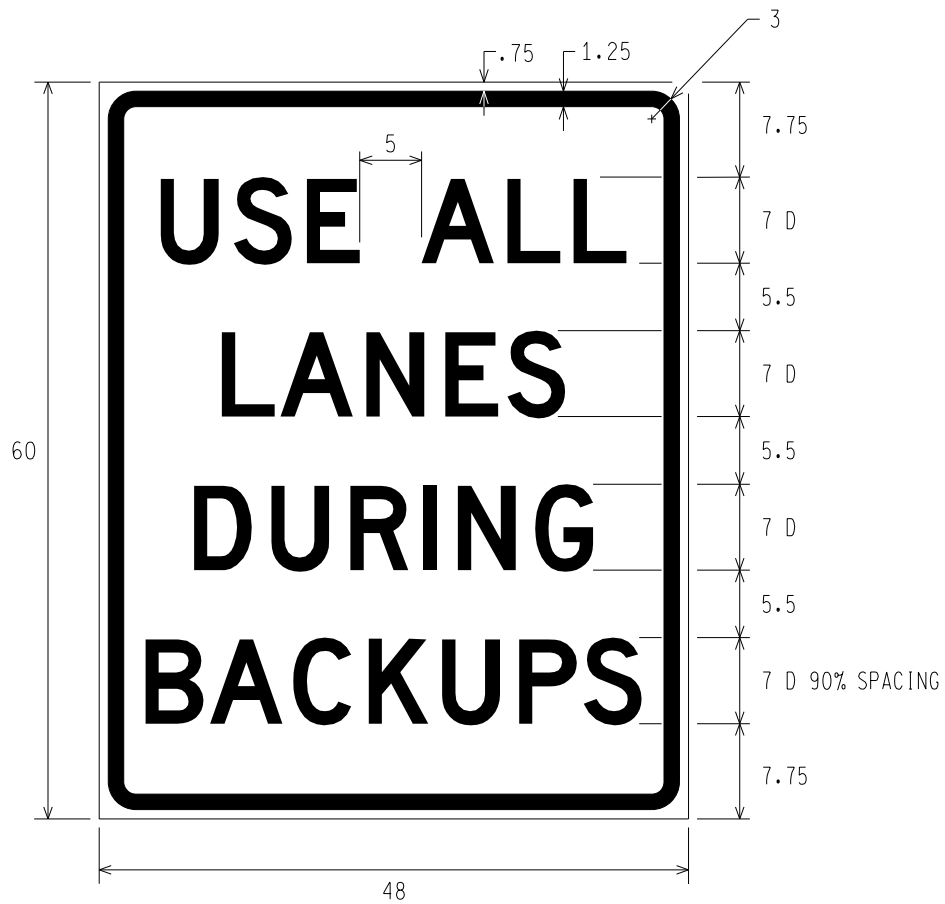
R5-18d
BEGIN WORK CONVOY



R5-18e
END WORK CONVOY

COLORS

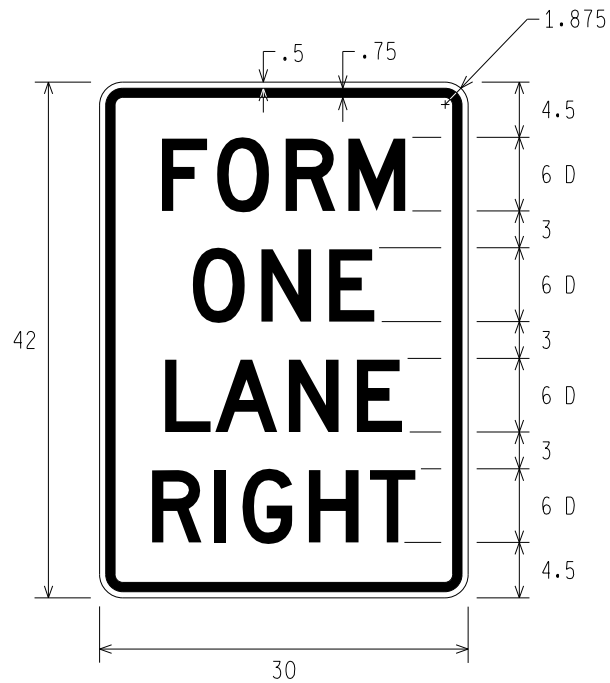
LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - WHITE (REFL.)
 CENTRALLY LOCATE ALL LEGENDS



R5-18f
USE ALL LANES DURING BACKUPS

COLORS

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



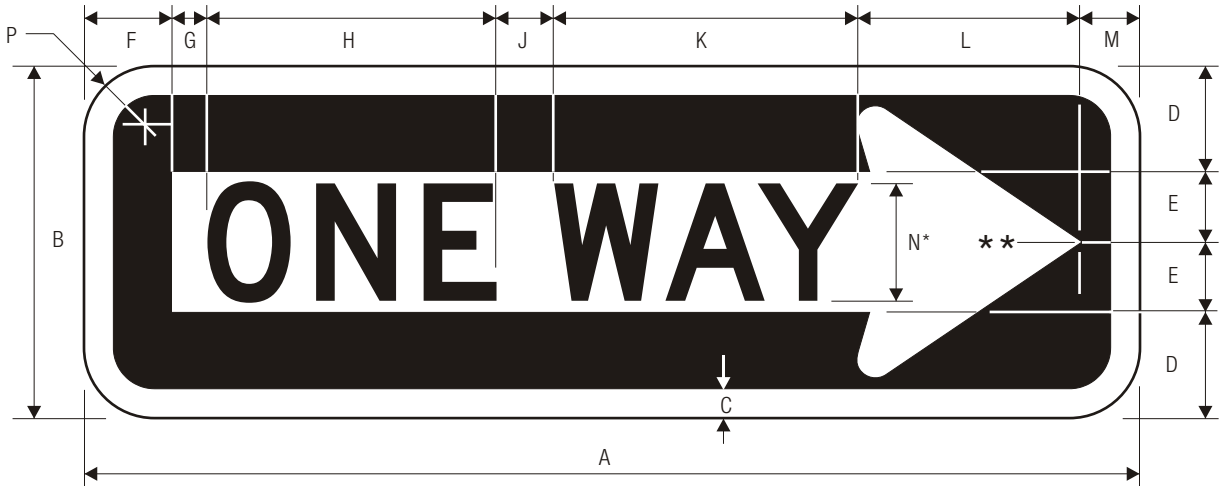
R5-18g
FORM ONE LANE RIGHT

COLORS

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



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



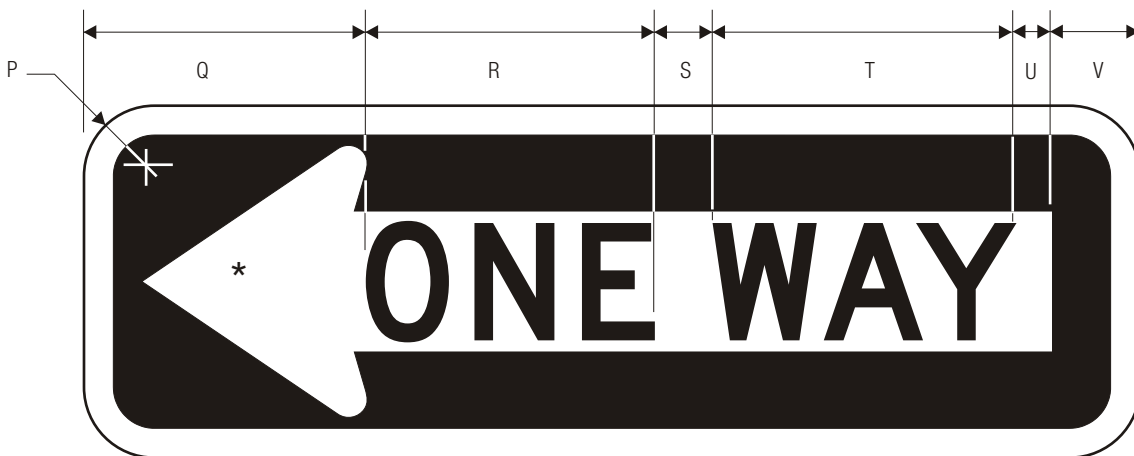
R6-1R
ONE WAY

C

A	B	C	D	E	F	G	H	J	K	L	M
36	12	.5	3.375	2.625	3	1.25	9.125	2	9.625	9	2
54	18	1	5.5	3.5	5	4	12.309	2.929	12.762	13	4

N	P	Q	R	S	T	U	V
4 D	1.5	11	9.125	2	9.625	1.25	3
5 D	1.875	17	12.309	2.929	12.762	4	5

*Series 2000 Standard Alphabets.
**See page 6-2 for arrow design.



R6-1L
ONE WAY

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



R6-2R

ONE WAY

*Series 2000 Standard Alphabets.

**See page 6-2 for arrow design.

C

A	B	C	D	E	F	G	H	J	K	L	M
12	16	.375	.375	2	3 D	1.5	3	3.5	3.722	3.664	3.717
18	24	.375	.625	2.5	5 D	1.5	4.5	5.5	6.244	6.124	6.044
24	30	.375	.625	3	6 D	1.875	6.063	7.063	7.485	7.285	7.325
36	48	.625	.875	4.75	10 D	3.25	9.5	10.5	12.369	12.249	12
48	60	.75	1.25	6	12 D	4	12	14	15	14.571	14.811

N	P	Q	R	S
3.943	3.75	4	1.5	1.5
6.805	6	6.805	2.25	1.5
8.286	8.286	8.926	3	1.5
13.530	13.250	14.290	5	2.25
16.252	16.572	17.853	6	3

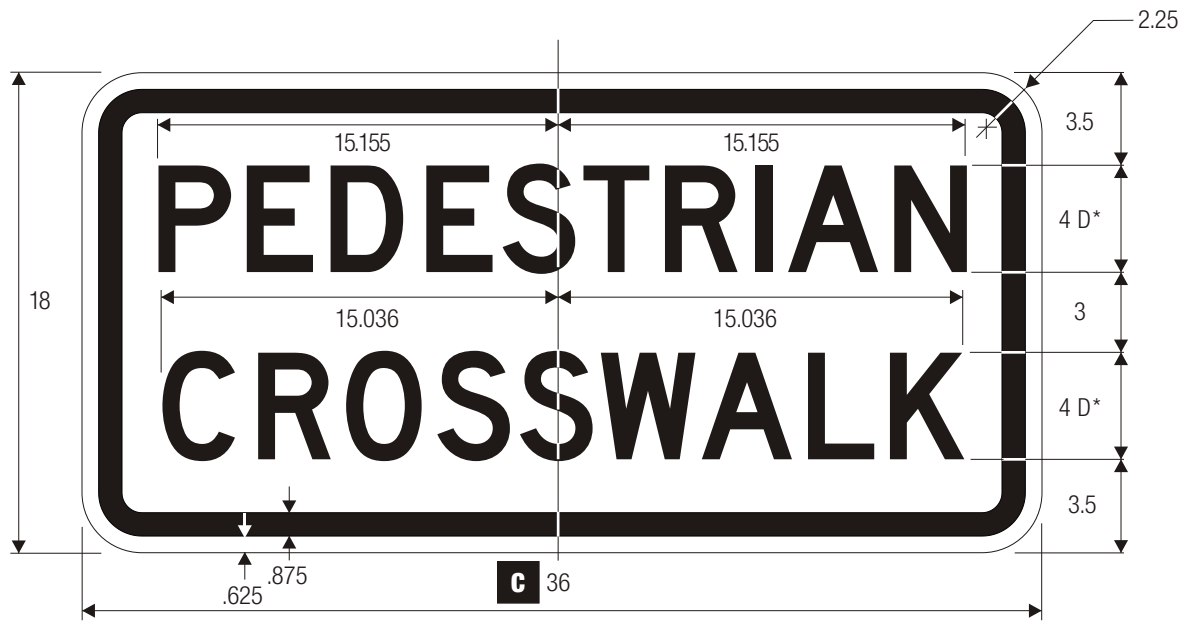
COLORS: LEGEND — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R8-3
NO PARKING (SYMBOL)

C	A	B	C	D	E	F	G	H	J
	12	.375	.375	3	6 EM	4.875	3.875	1	1.5
	18	.375	.625	4.5	9 EM	7.5	6	1.5	1.5
	24	.375	.625	6	12 EM	10.5	8.5	2	1.5
	36	.625	.875	9	18 EM	15.75	12.75	3	2.25
	48	.75	1.25	12	24 EM	21	17	4	3

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



R9-8

PEDESTRIAN CROSSWALK

*Series 2000 Standard Alphabets.

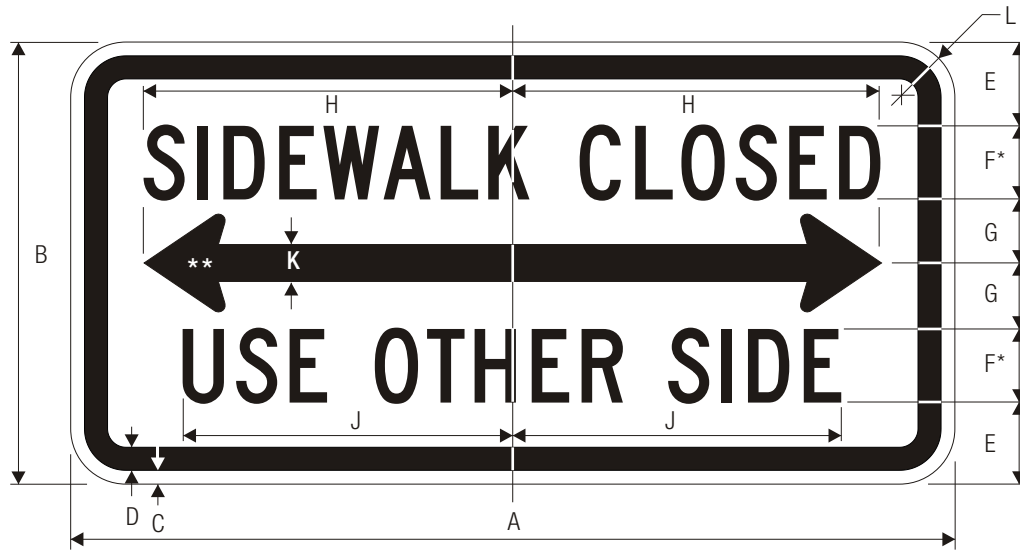


R9-9

SIDEWALK CLOSED

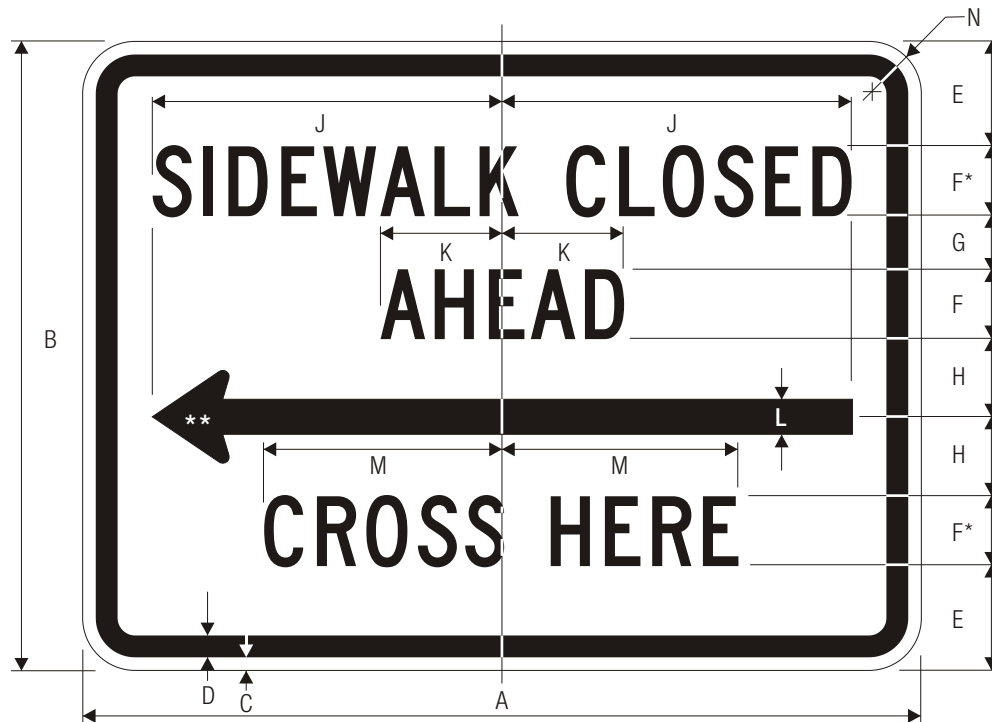
	A	B	C	D	E	F	G	H	J	K
	24	12	.375	.625	2.125	3 D*	1.75	9.367	7.225	1.5
C	30	18	.625	.875	3.5	4 D*	3	12.490	9.622	2.25

COLORS: LEGEND — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R9-10 SIDEWALK CLOSED USE OTHER SIDE

A	B	C	D	E	F	G	H	J	K	L
24	12	.375	.625	1.75	2 C	2.250	9.967	9.014	1.6	1.5
48	24	.75	1.25	4.5	4 C	3.5	20	17.882	2	3

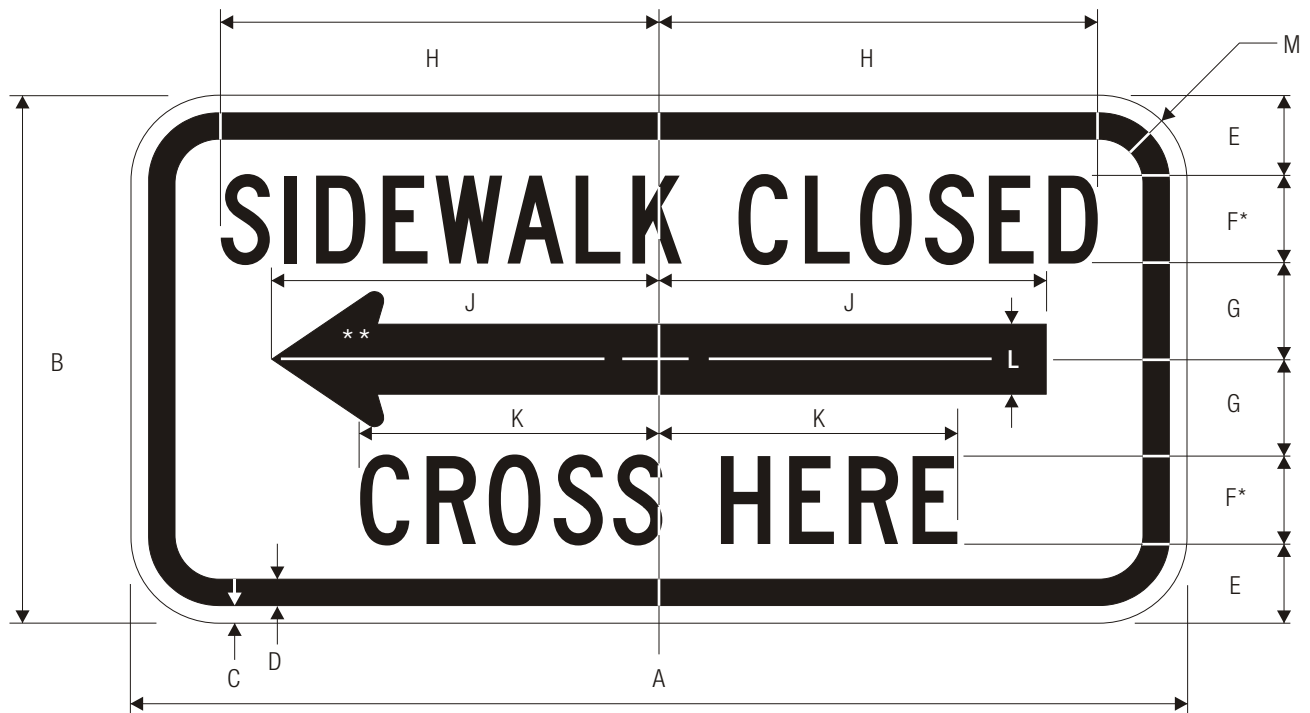


R9-11 SIDEWALK CLOSED AHEAD CROSS HERE

A	B	C	D	E	F	G	H	J	K	L	M	N
24	12	.375	.625	1.75	1.5 D	.75	1.625	9.367	3.422	.680	6.284	1.5
48	36	.75	1.25	6	4 C	3	4.5	20	6.971	2	13.570	3

COLORS: LEGEND — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)

*Series 2000 Standard Alphabets.
**See page 6-2 for arrow design.



R9-11a

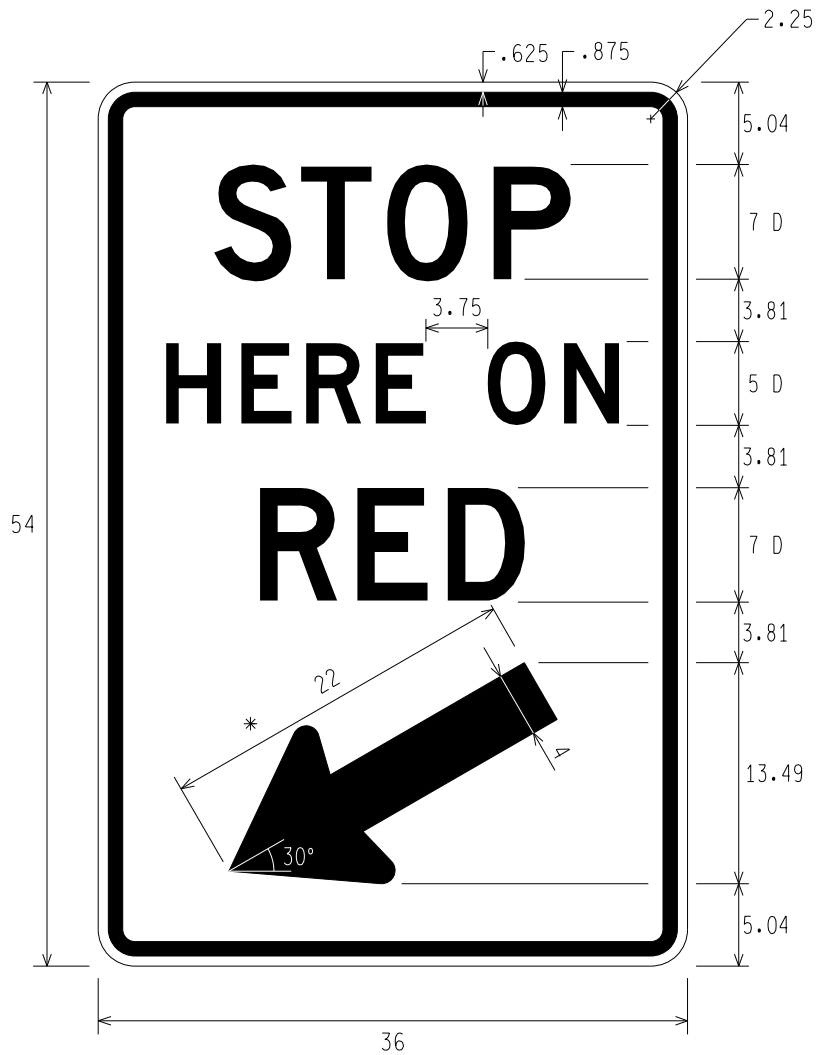
SIDEWALK CLOSED CROSS HERE

*Series 2000 Standard Alphabets.

** See page 6-2 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
24	12	.375	.625	1.75	2 C	2.250	9.967	8.75	7.785	1.6	1.5
48	24	.75	1.25	4.5	4 C	3.5	20	17.882	13.5	2	3

COLORS: LEGEND — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)



R10-6b
STOP HERE ON RED WITH ARROW (LARGE)

COLORS

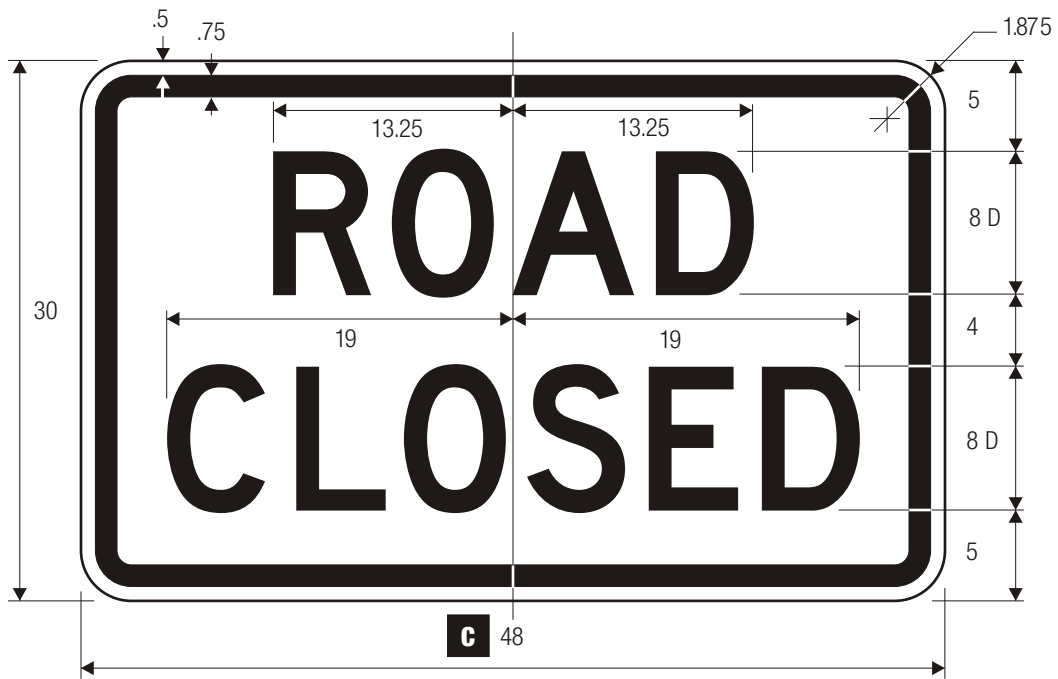
LEGEND, BORDER, AND ARROW - BLACK (NON-REFL.)

BACKGROUND - WHITE (REFL.)

CENTRALLY LOCATE ALL LEGENDS

SEE APPENDIX PAGE 6-2 FOR ARROW DETAILS

* TAPERED SHAFT DESIGN MAY BE USED



R11-2

ROAD CLOSED

COLORS: LEGEND — BLACK
BACKGROUND— WHITE (RETROREFLECTIVE)



R11-2a
RAMP CLOSED

COLORS

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



R11-2b
EXIT CLOSED

COLORS

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



R11-2c
CROSSOVER CLOSED

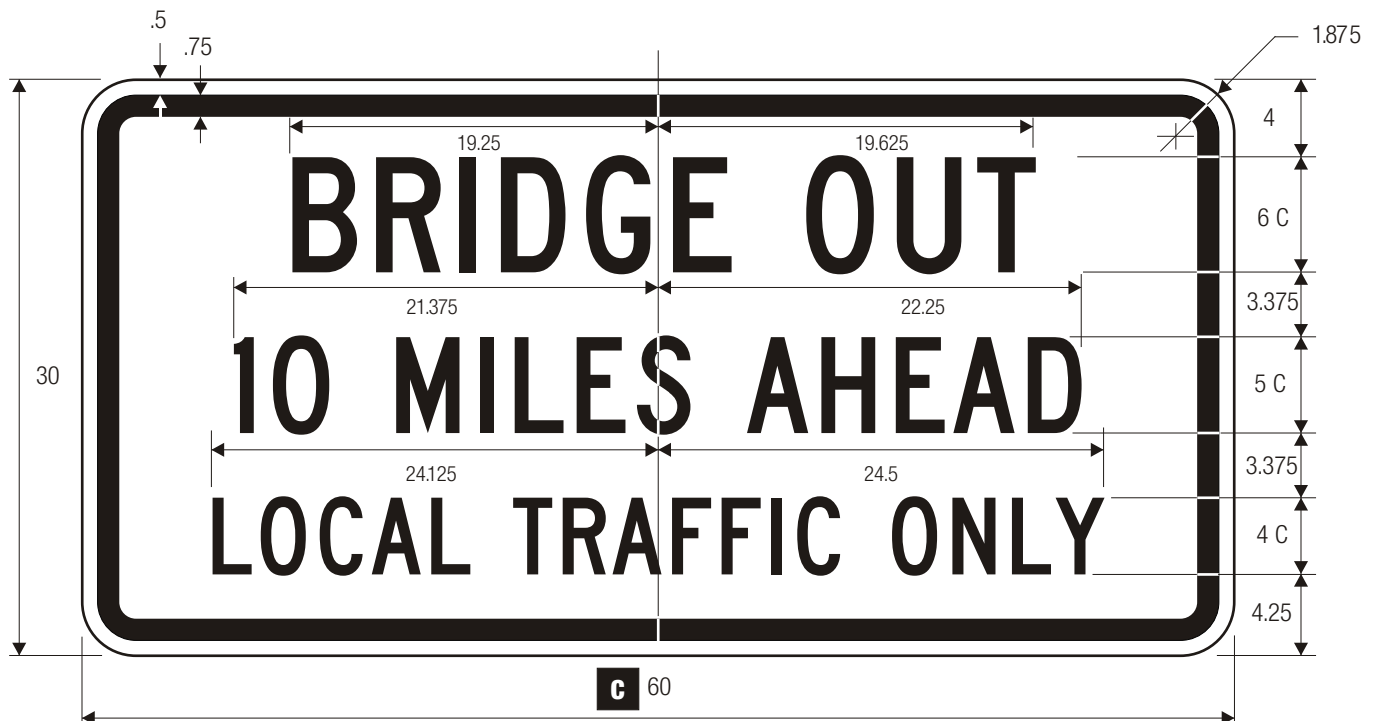
COLORS

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



R11-3a

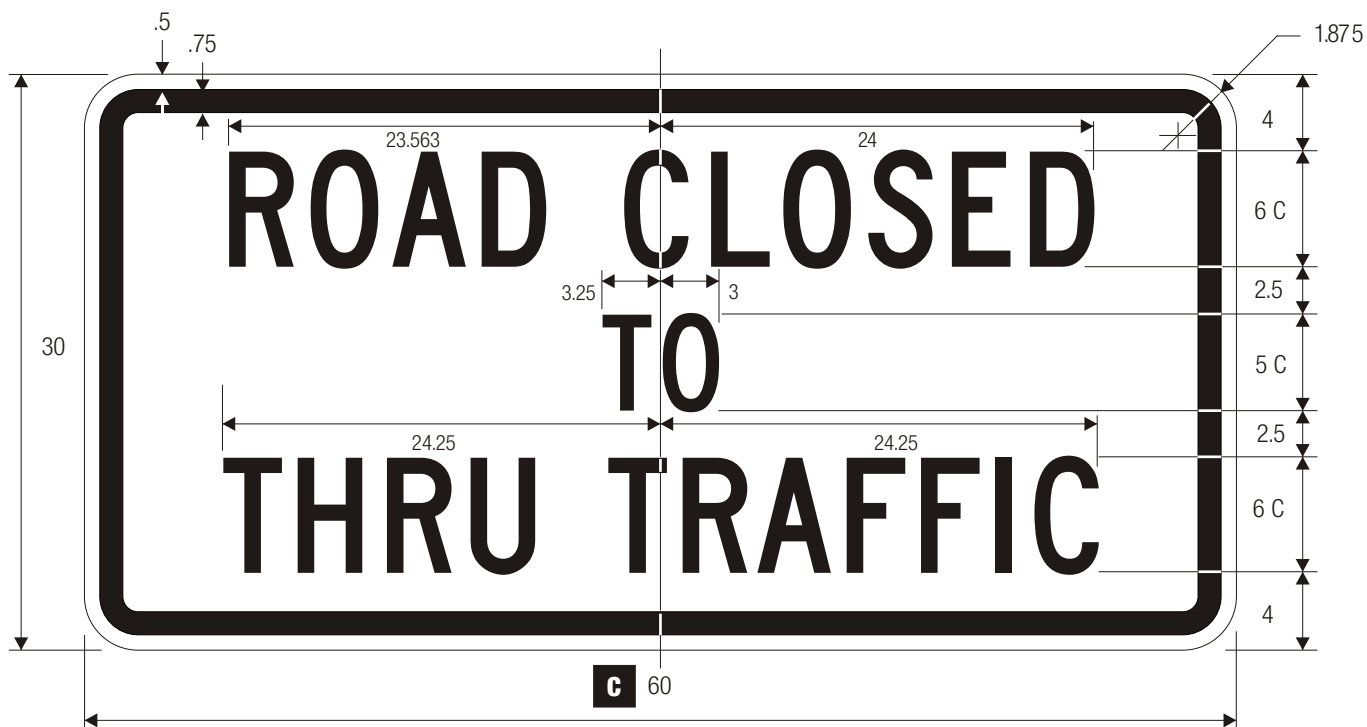
ROAD CLOSED - LOCAL TRAFFIC ONLY



R11-3b

ROAD CLOSED - LOCAL TRAFFIC ONLY

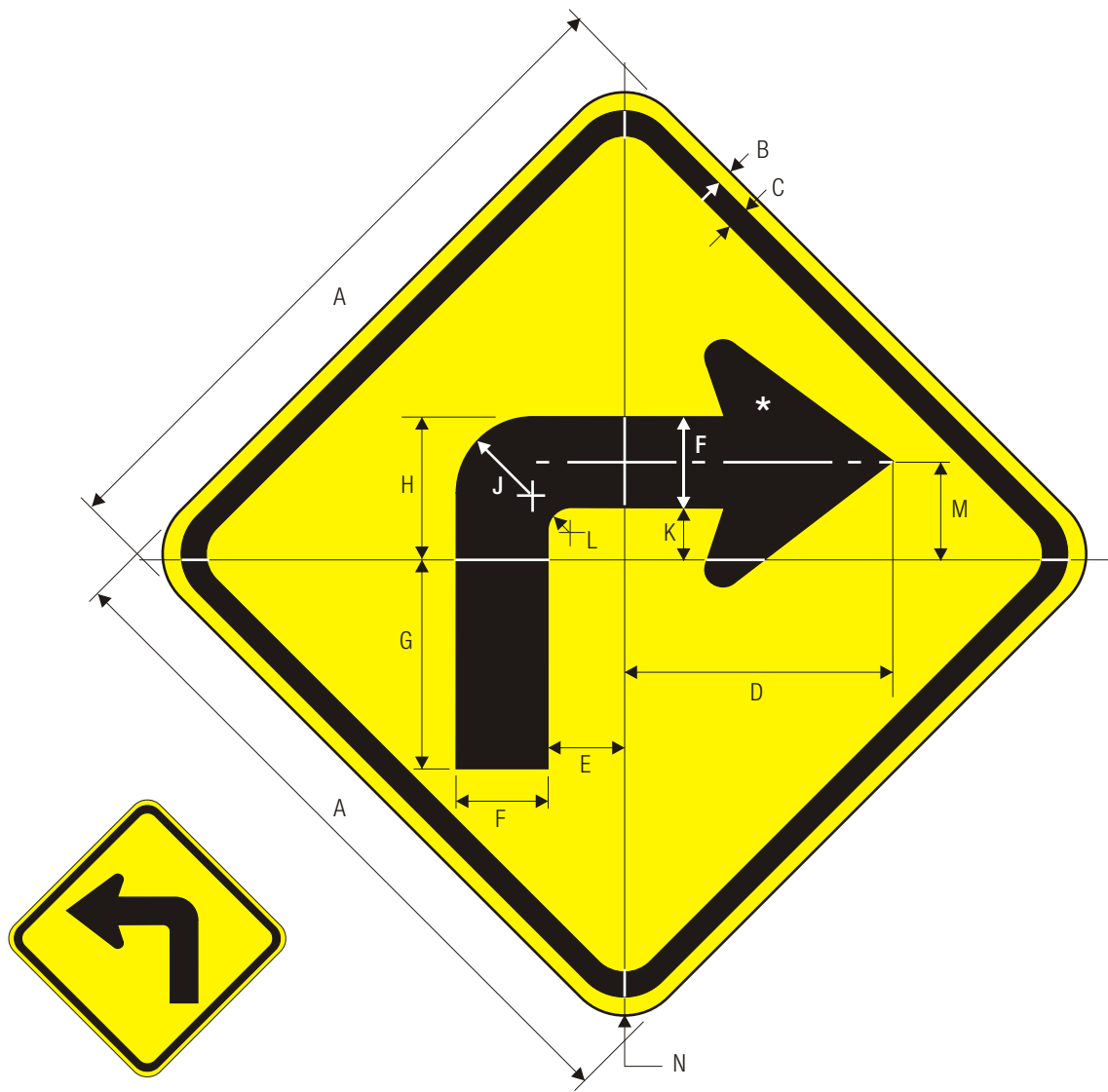
COLORS: LEGEND — BLACK
BACKGROUND— WHITE (RETROREFLECTIVE)



R11-4

ROAD CLOSED TO THRU TRAFFIC

COLORS: LEGEND — BLACK
BACKGROUND— WHITE (RETROREFLECTIVE)



W1-1L

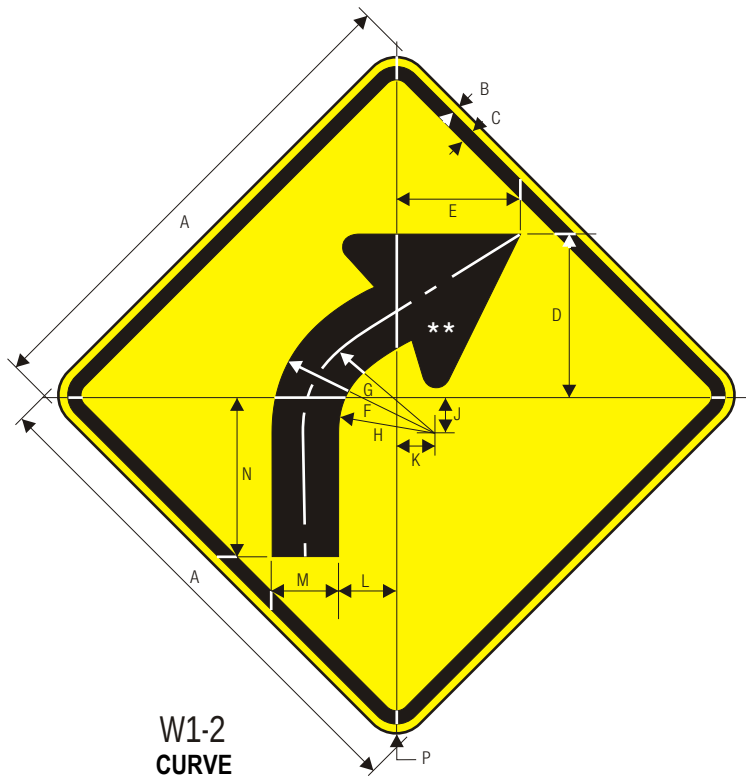
W1-1R
TURN

See page 6-2 for symbol design.

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

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

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



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

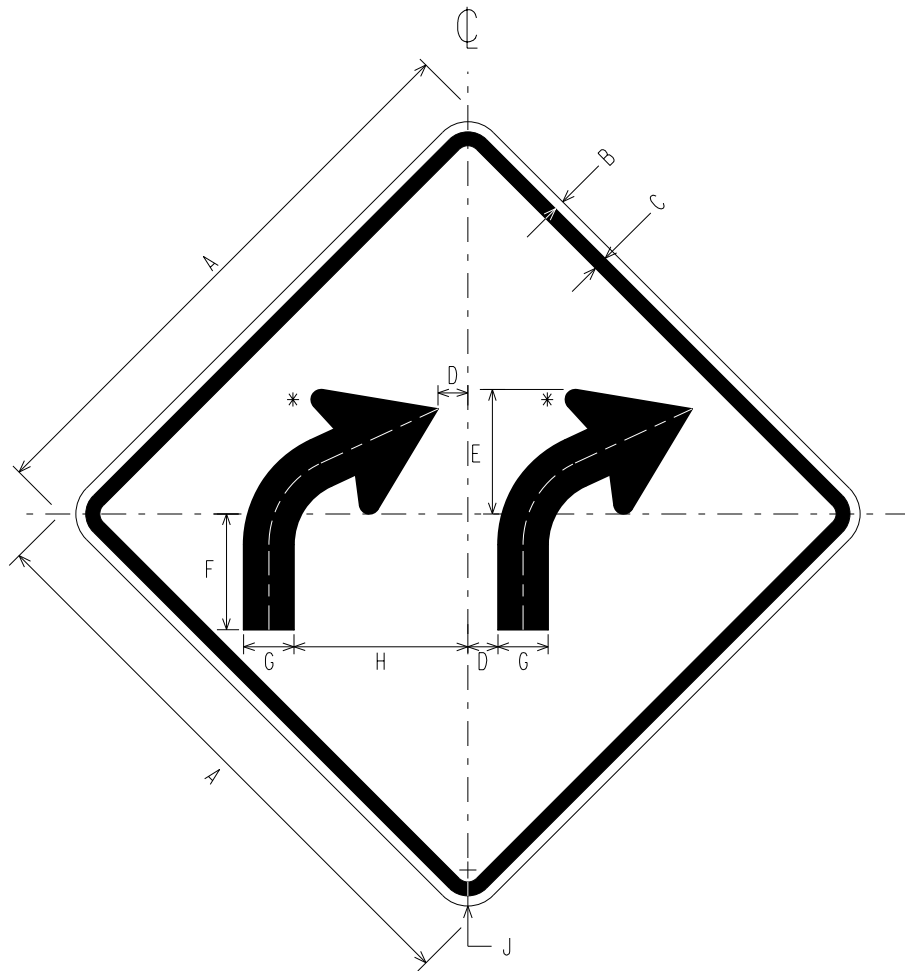
N	P
6.187	1.5
8.25	1.5
10.313	1.875
12.375	2.25
16.5	3

*See page 6-2 for symbol design.

**Optically position numerals.

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

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

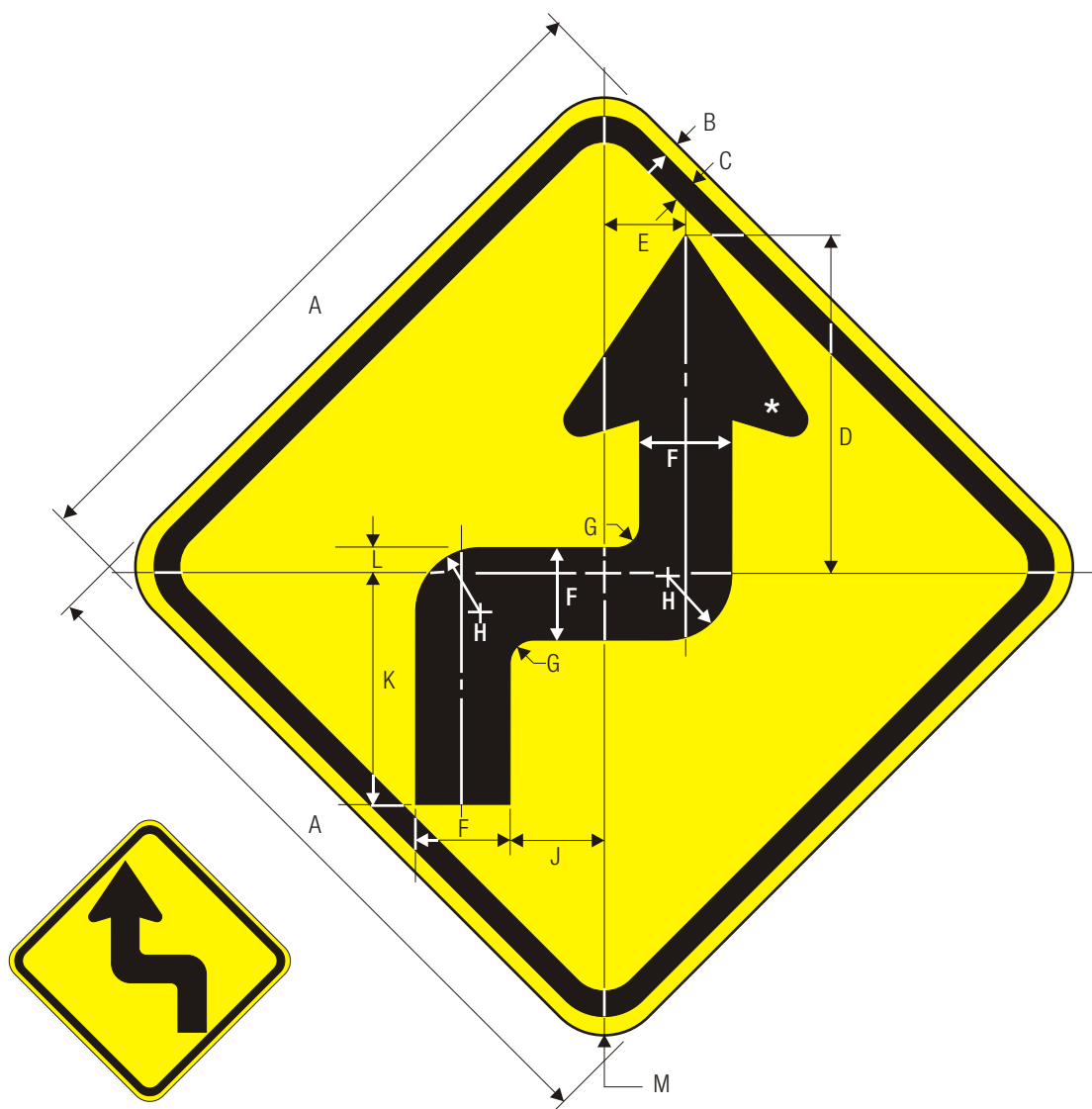


W1-2b
TWO LANE CURVE SIGN

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

COLORS

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



W1-3L

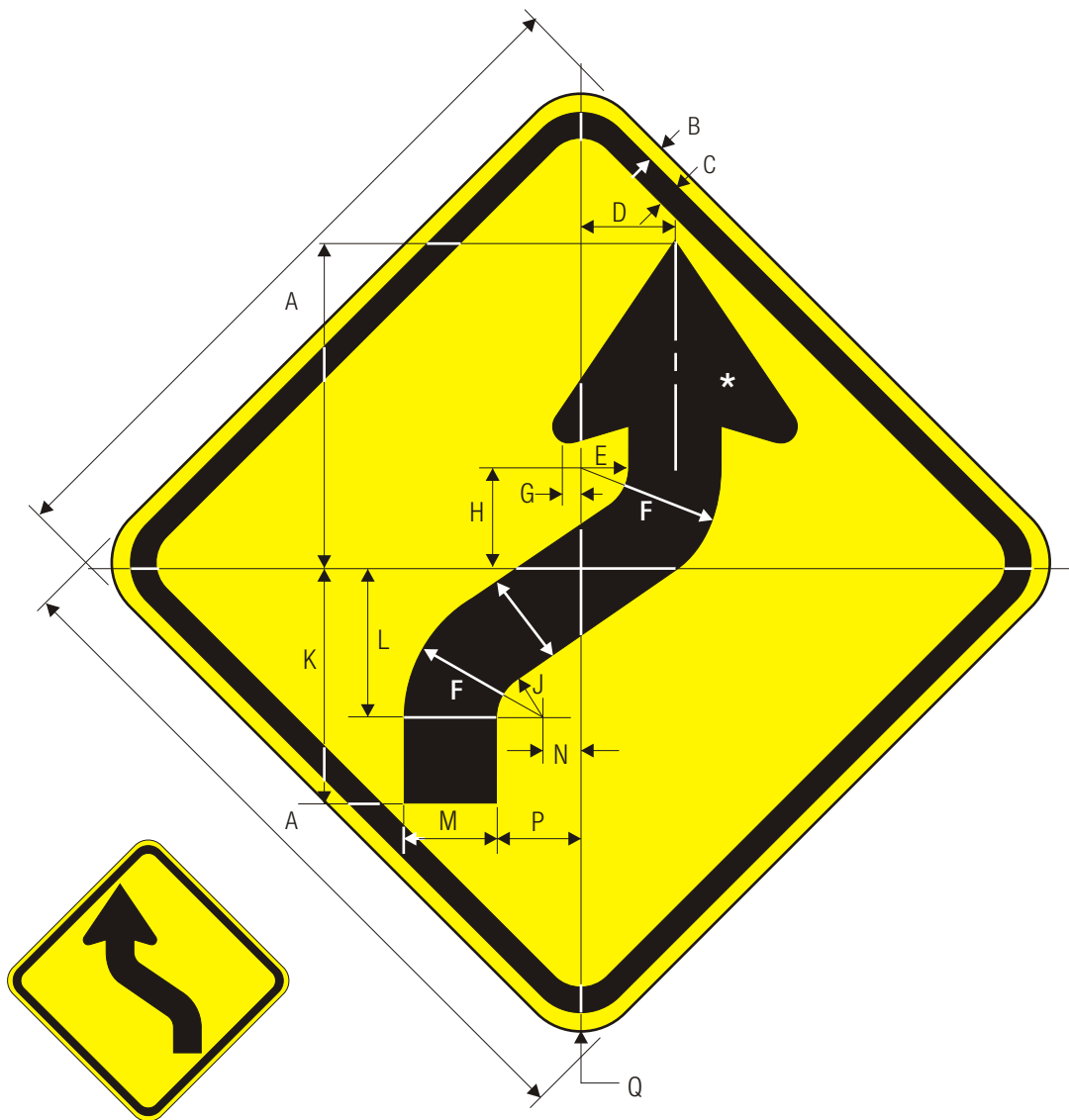
W1-3R
REVERSE TURN

*See page 6-2 for symbol design.

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

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

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



W1-4L

W1-4R

REVERSE CURVE

*See page 6-2 for symbol design.

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

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

WARNING SIGN COLORS:

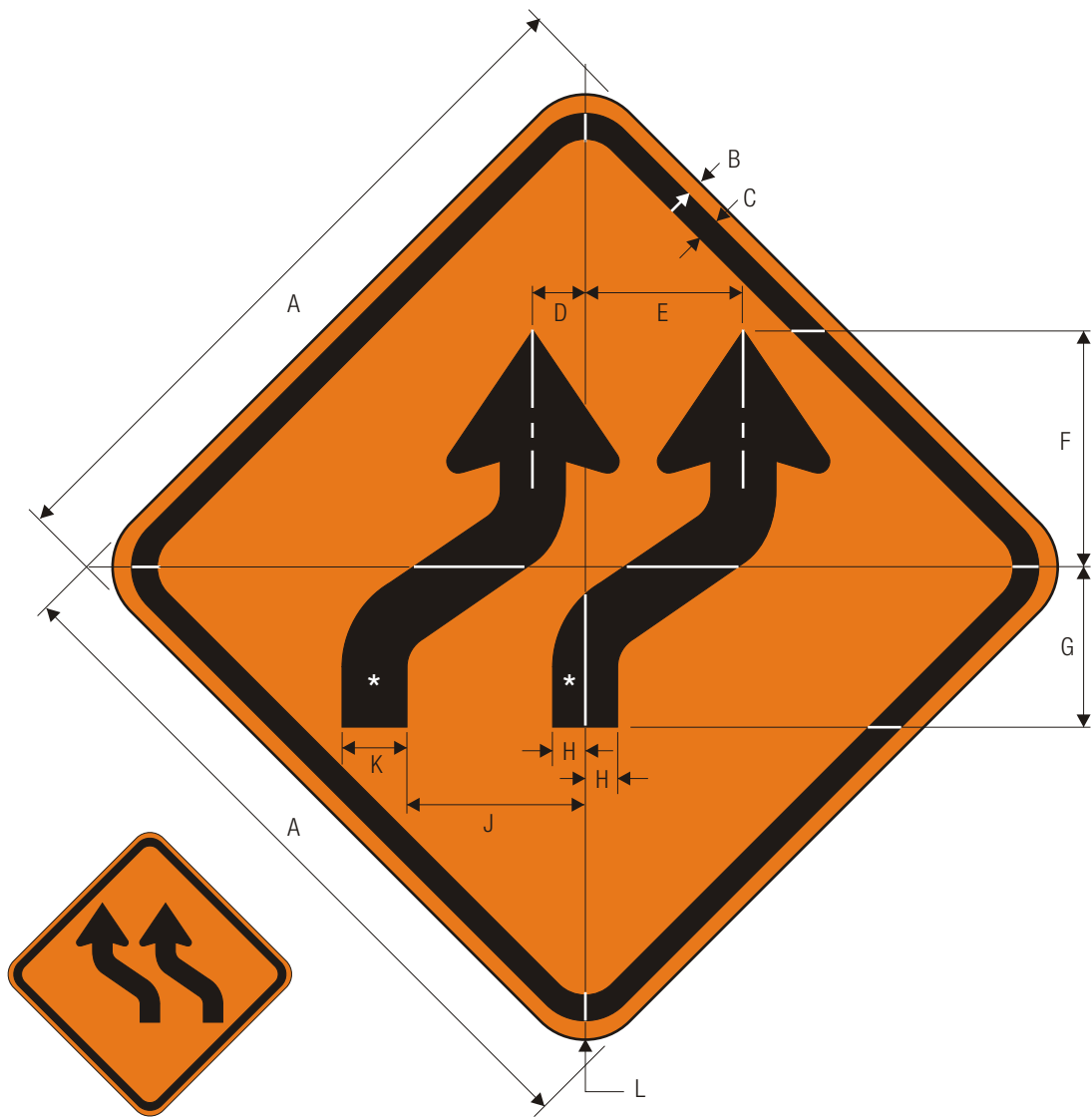
SYMBOL — BLACK

BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

SYMBOL — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W1-4bL

W1-4bR

TWO LANE REVERSE CURVE

*Reduce W1-4 Arrow 30%.

**See page 6-2 for arrow design.

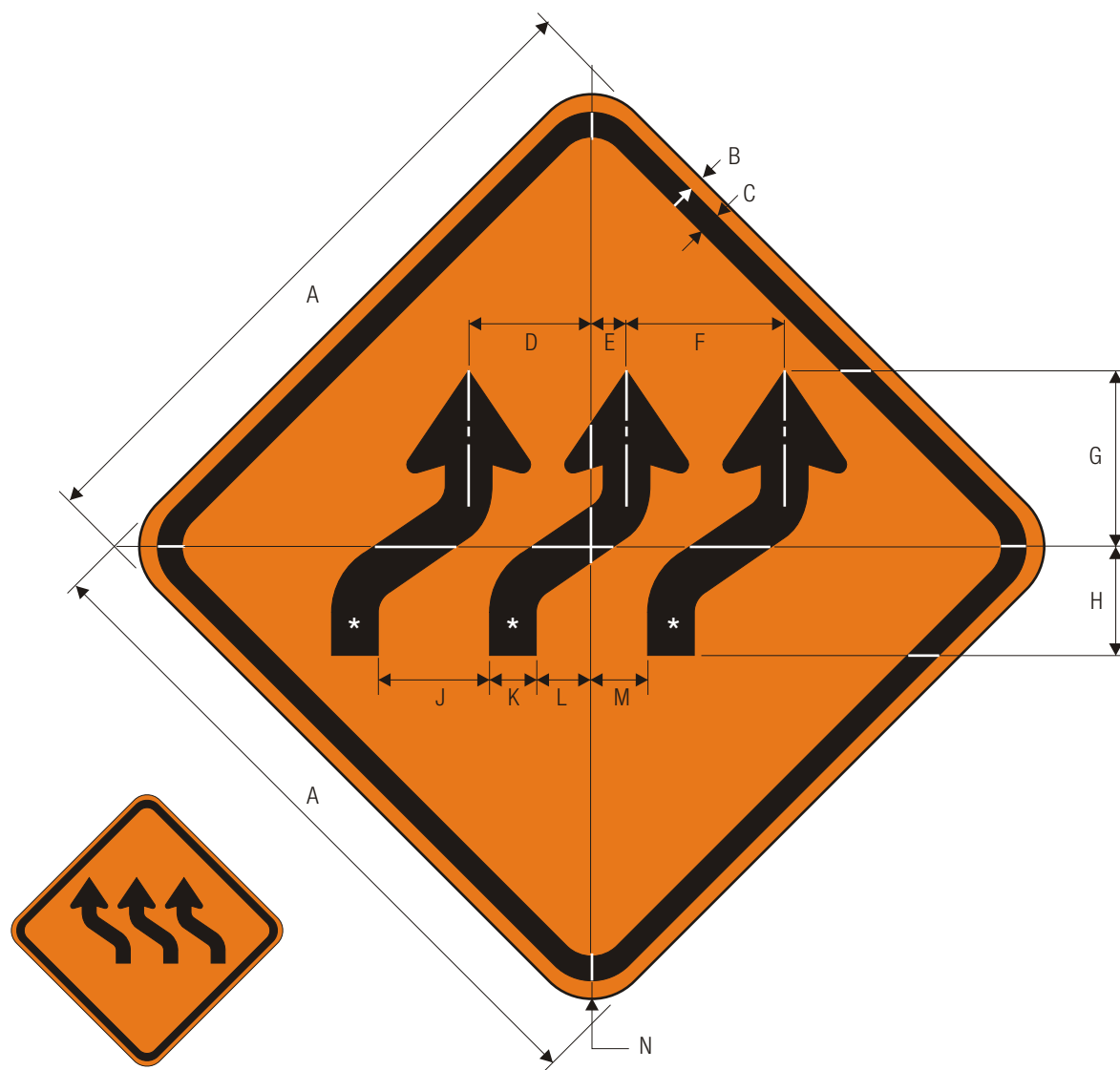
C

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

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W1-4cL

W1-4cR

THREE LANE REVERSE CURVE

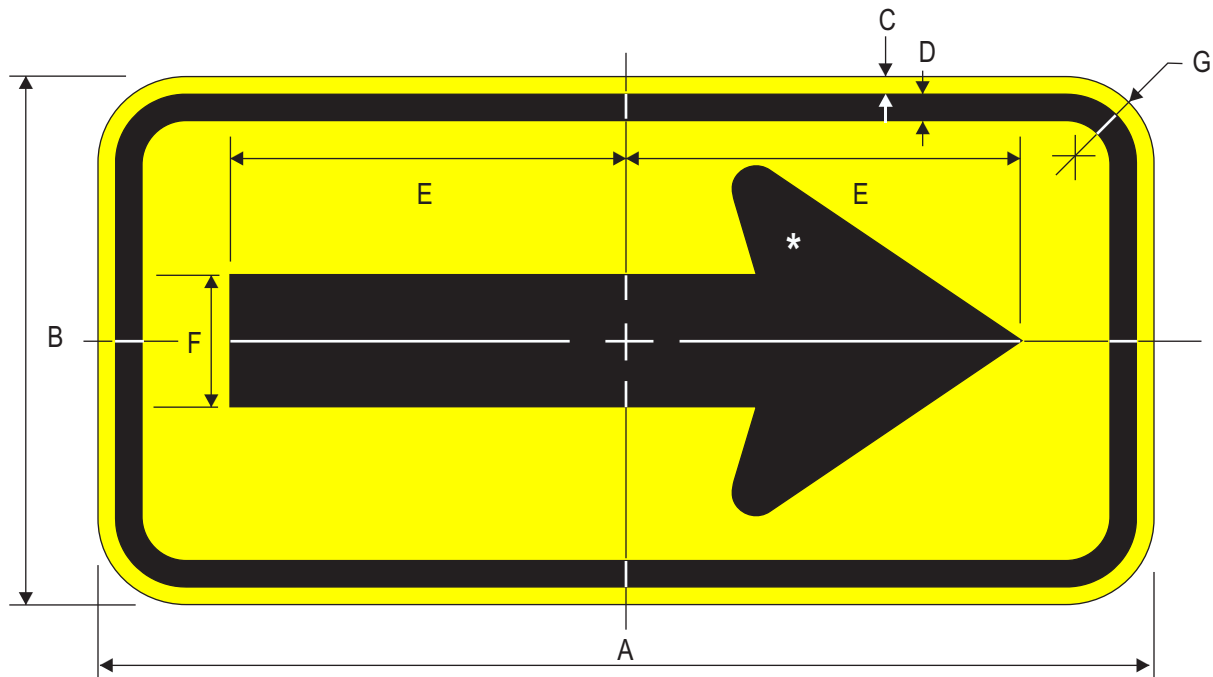
*Reduce W1-4bR Arrow 20%.

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

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W1-6R
DIRECTION LARGE ARROW



W1-6L

*See page 6-2 for arrow design.

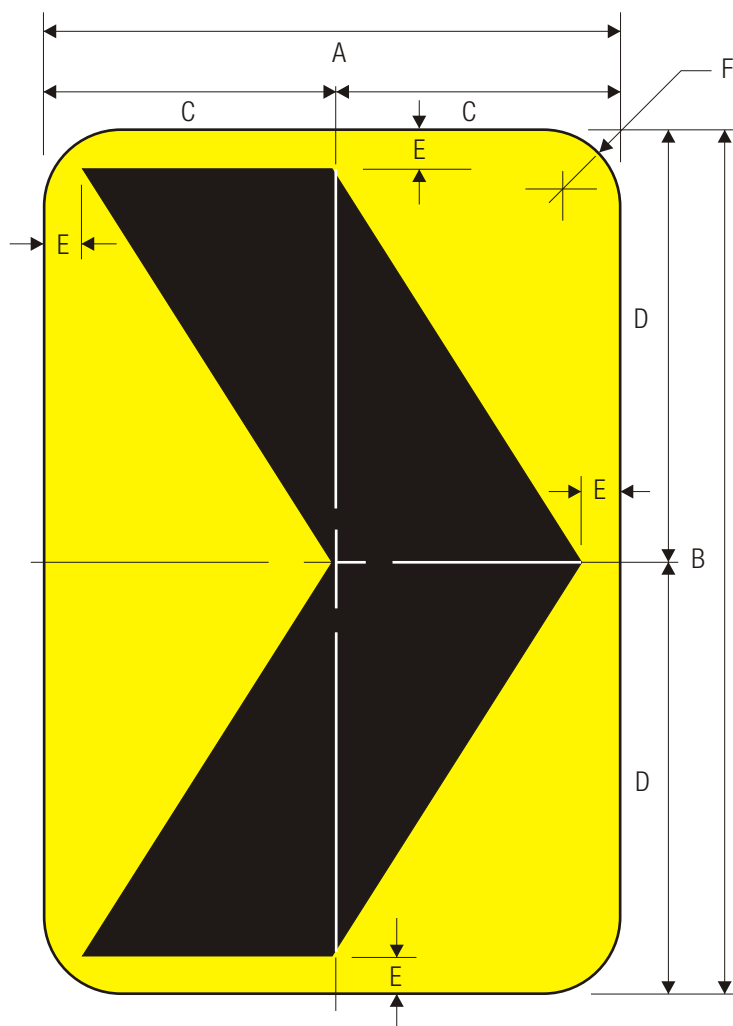
A	B	C	D	E	F	G
24	12	.375	.625	9.625	3.25	1.5
36	18	.375	.625	14.625	5	1.5
48	24	.5	.75	19.5	6.5	1.875
60	30	.625	.875	24.375	8	2.25
96	48	.75	1.25	39	13	3

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

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



W1-8L



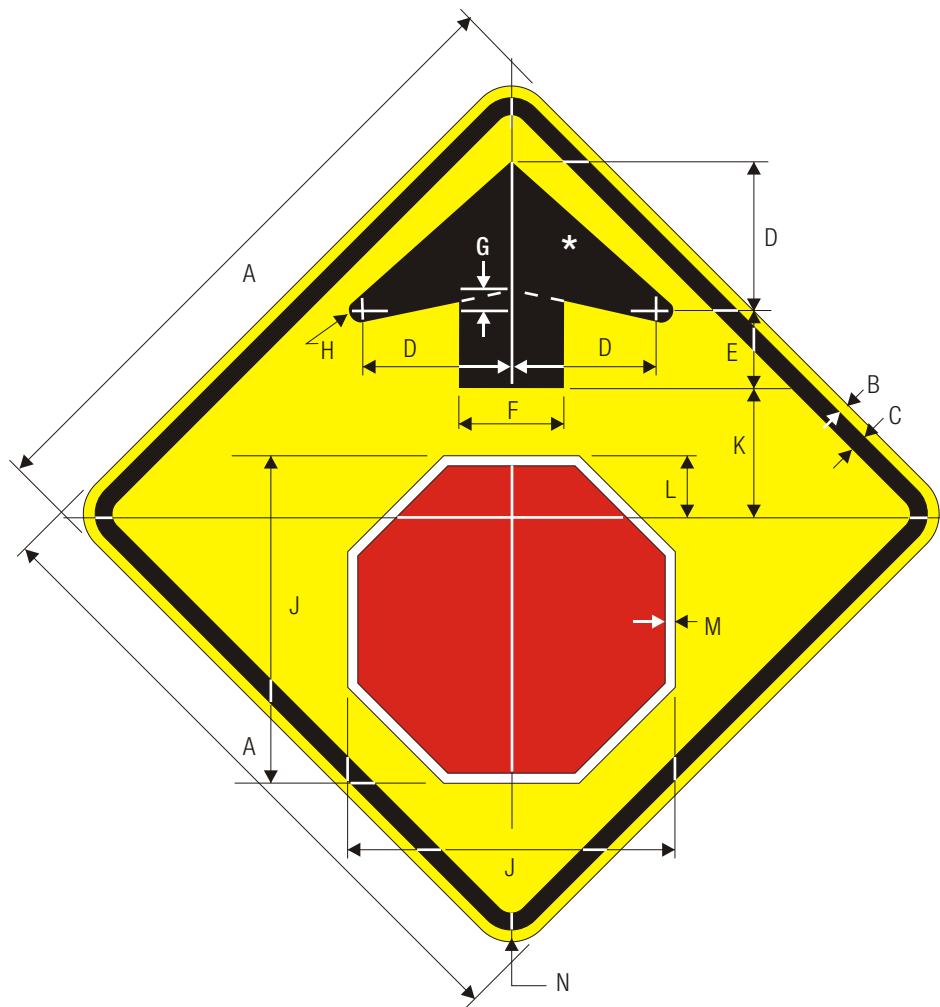
W1-8R
CHEVRON ALIGNMENT

C

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

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

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



W3-1

STOP AHEAD

*See page 6-3 for symbol design.

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

WARNING SIGN COLORS:

BORDER & ARROW – BLACK

SYMBOL – WHITE BORDER / RED BACKGROUND (RETROREFLECTIVE)

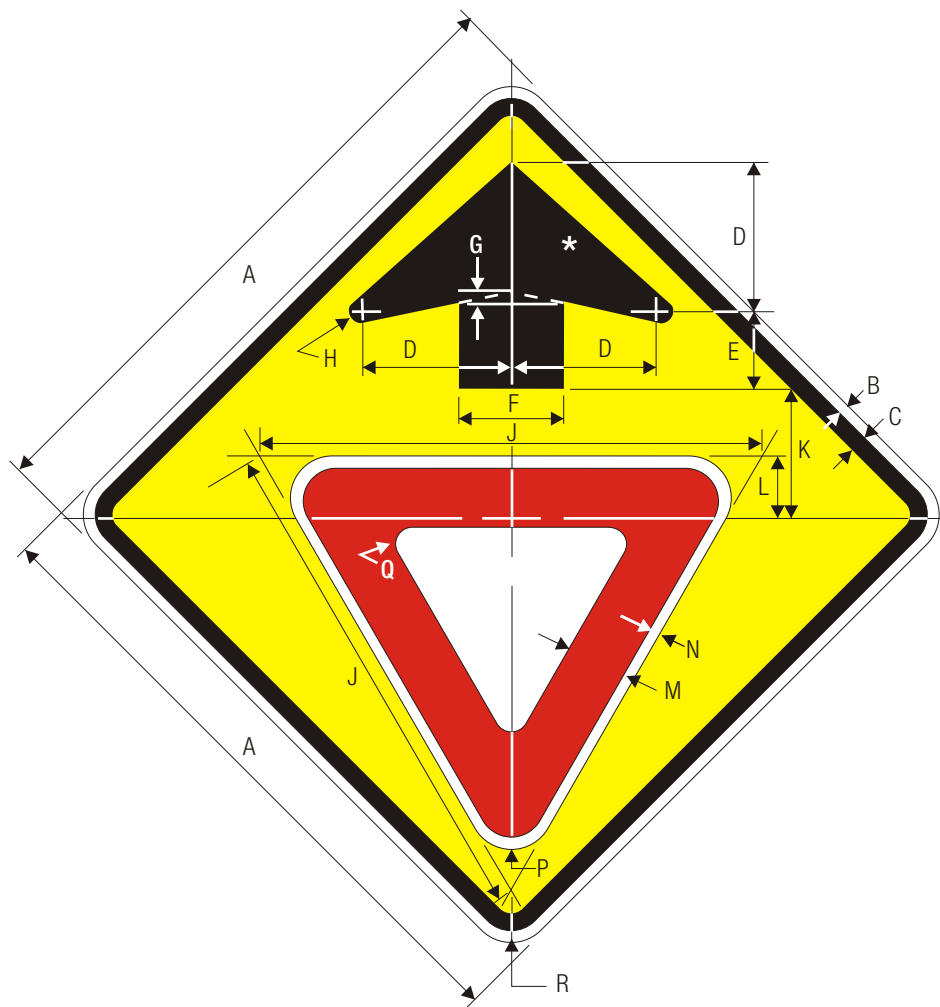
BACKGROUND – YELLOW (RETROREFLECTIVE)

TTC COLORS:

BORDER & ARROW – BLACK

SYMBOL – WHITE BORDER / RED BACKGROUND (RETROREFLECTIVE)

BACKGROUND – ORANGE (RETROREFLECTIVE)



W3-2
YIELD AHEAD

*See page 6-3 for symbol design.

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

C

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

WARNING SIGN COLORS:

BORDER & ARROW – BLACK

SYMBOL – WHITE BORDER / RED BACKGROUND (RETROREFLECTIVE)

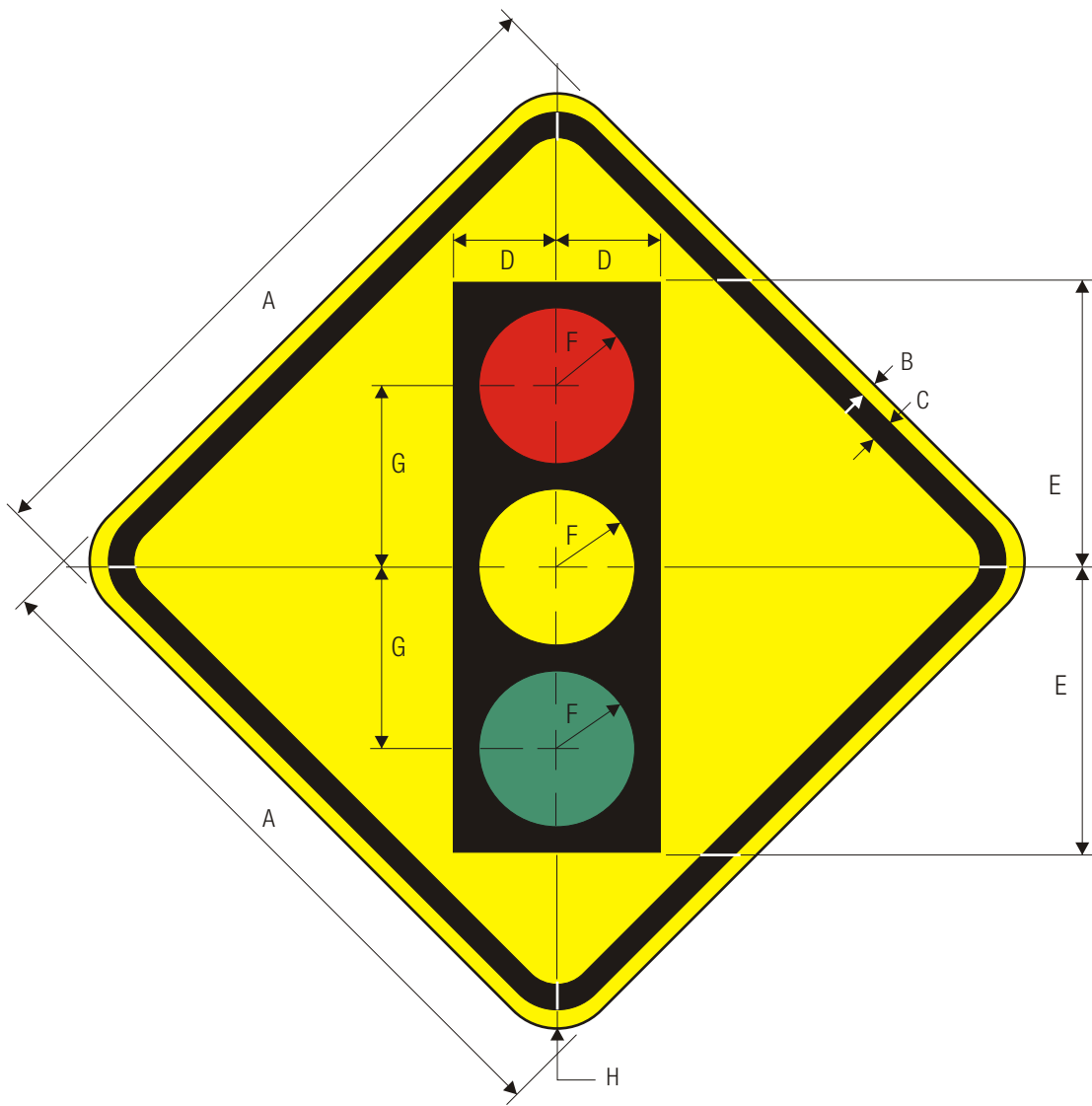
BACKGROUND – YELLOW (RETROREFLECTIVE)

TTC COLORS:

BORDER & ARROW – BLACK

SYMBOL – WHITE BORDER / RED BACKGROUND (RETROREFLECTIVE)

BACKGROUND – ORANGE (RETROREFLECTIVE)



W3-3

SIGNAL AHEAD

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

WARNING SIGN COLORS:

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

TTC SIGN COLORS:

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



W3-4

BE PREPARED TO STOP

*Series 2000 Standard Alphabets.

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

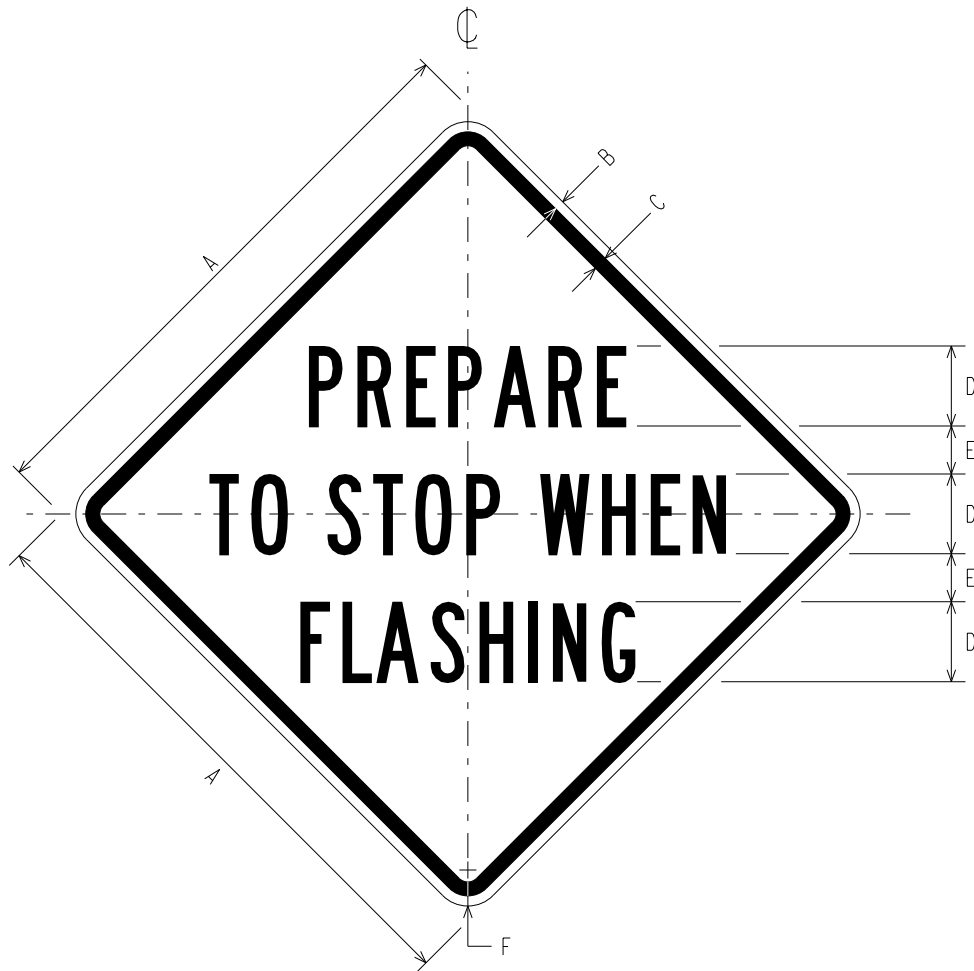
C

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



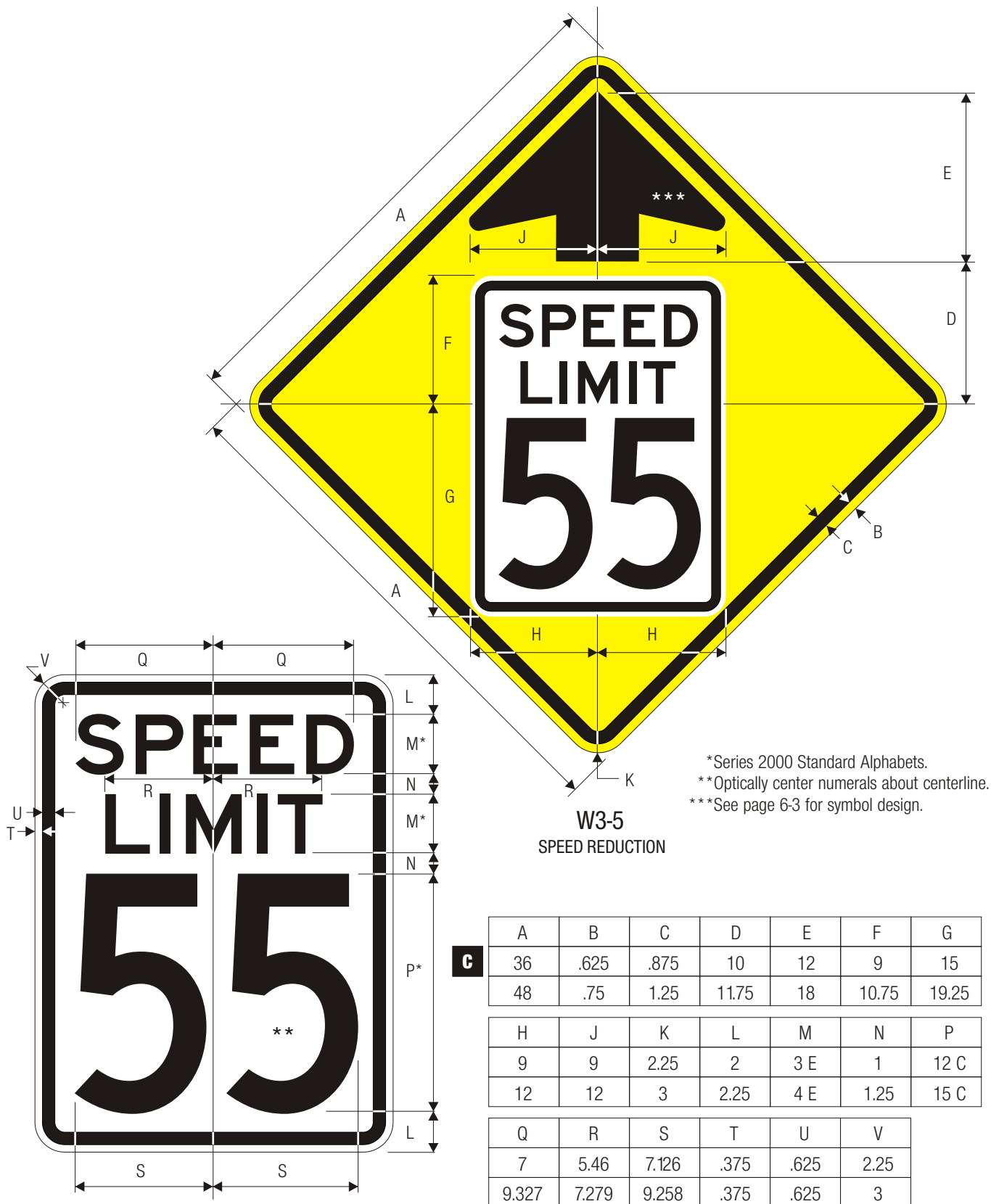
W3-4b
PREPARE TO STOP WHEN FLASHING

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

COLORS

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

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

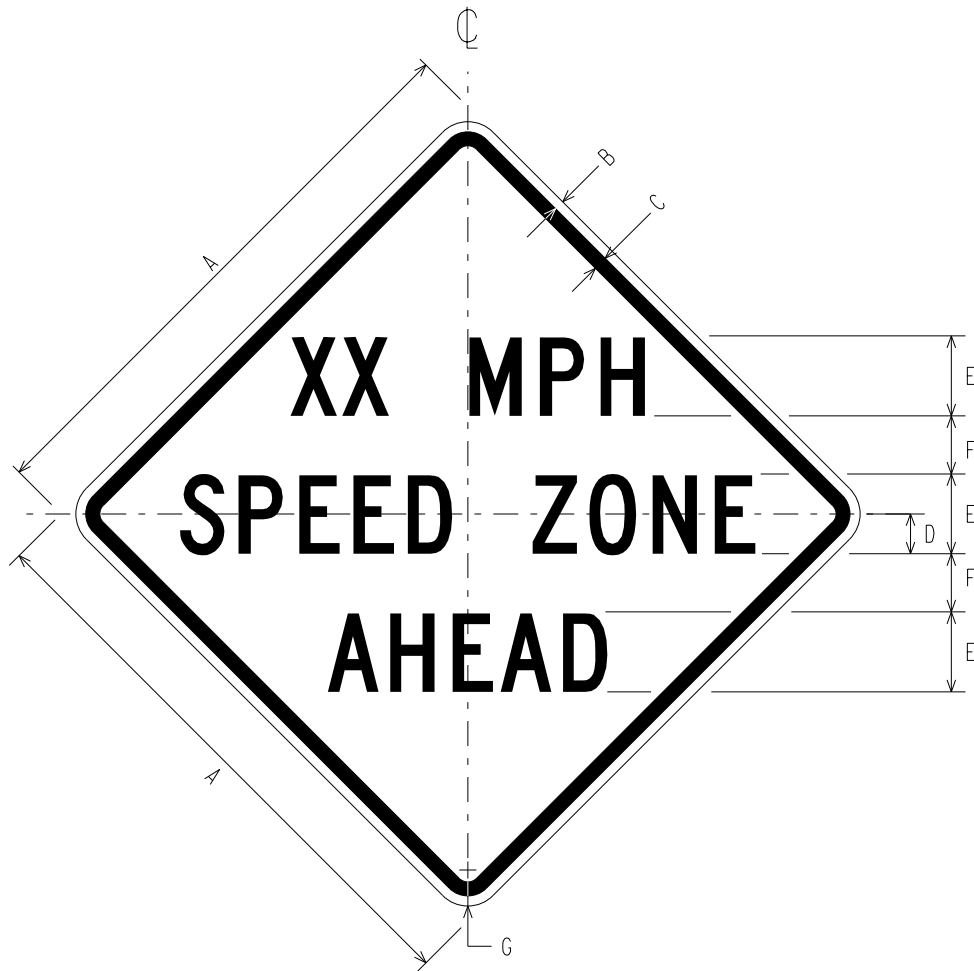


WARNING SIGN COLORS:

BORDER & ARROW — BLACK
 SYMBOL — SEE R2-1
 BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC COLORS:

BORDER & ARROW — BLACK
 SYMBOL — SEE R2-1
 BACKGROUND — ORANGE (RETROREFLECTIVE)



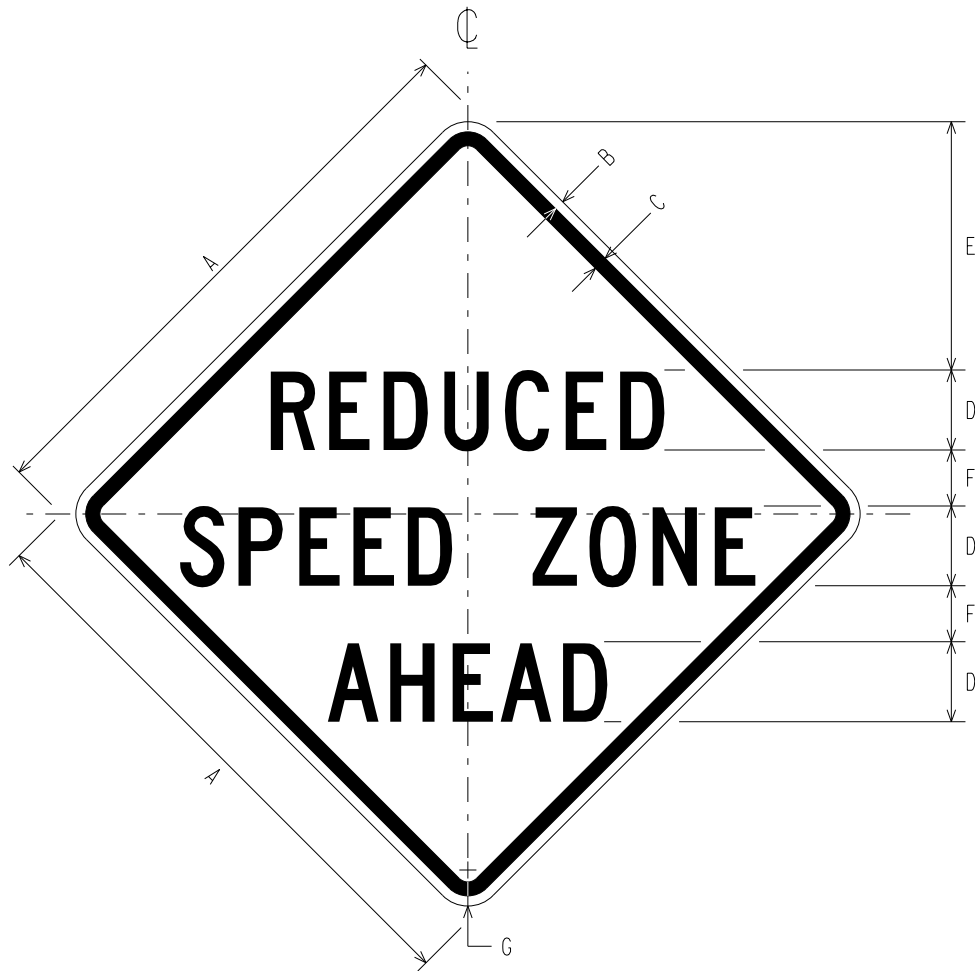
W3-5a
SPEED REDUCTION

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

COLORS

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

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



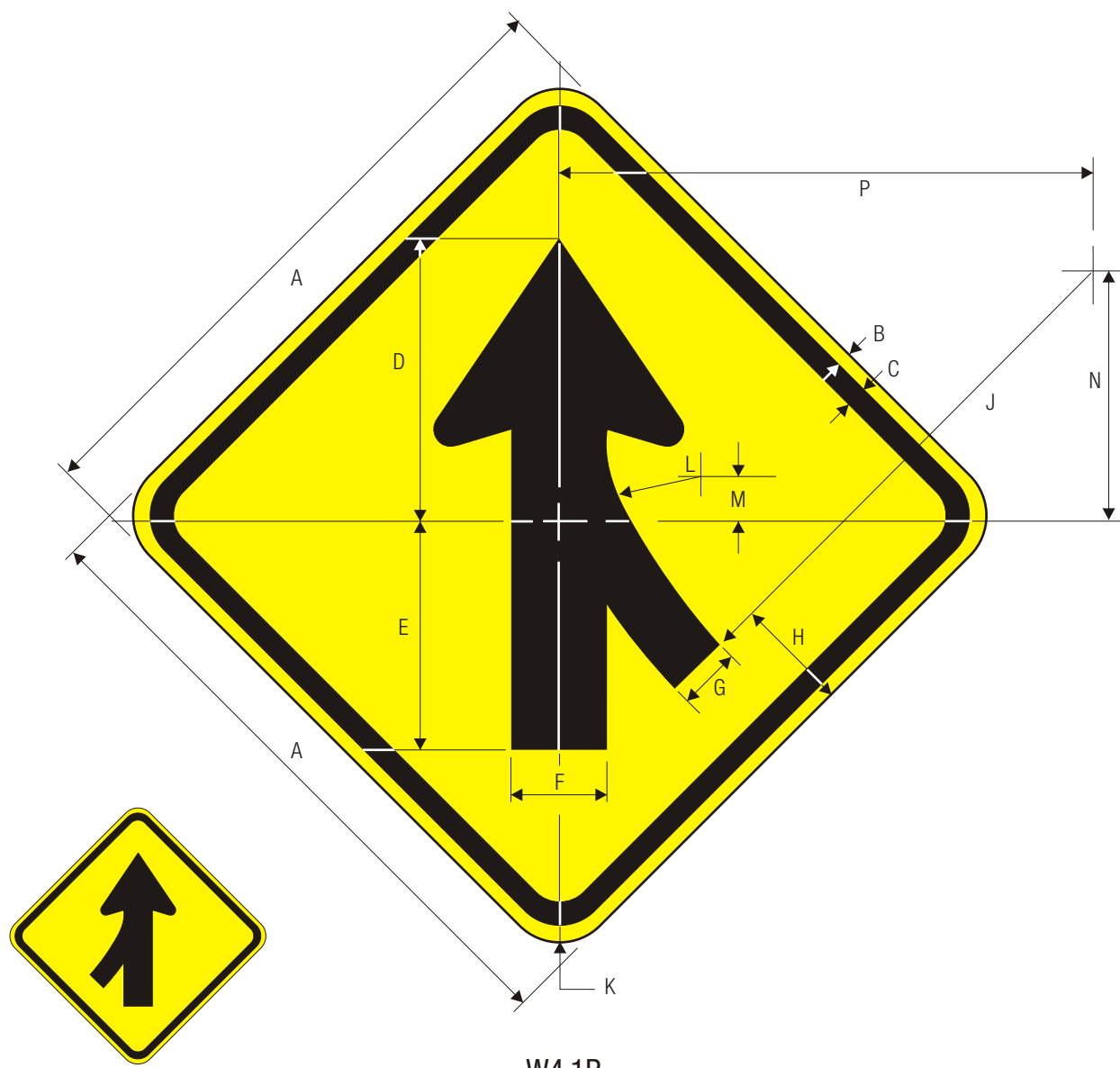
W3-5b
REDUCED SPEED ZONE AHEAD

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

COLORS

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

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



W4-1L

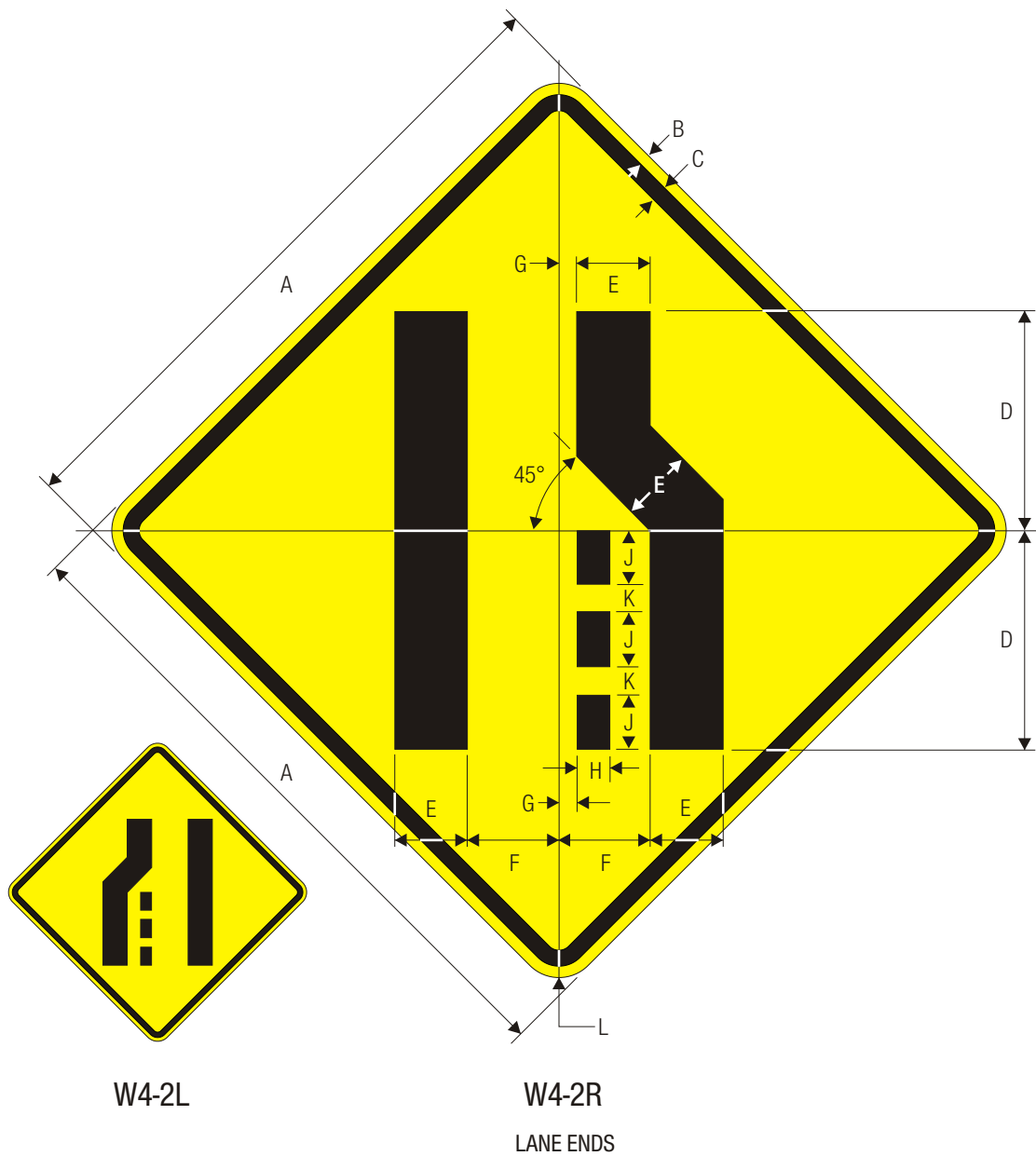
W4-1R
MERGE

*See page 6-2 for arrow design.

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

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

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



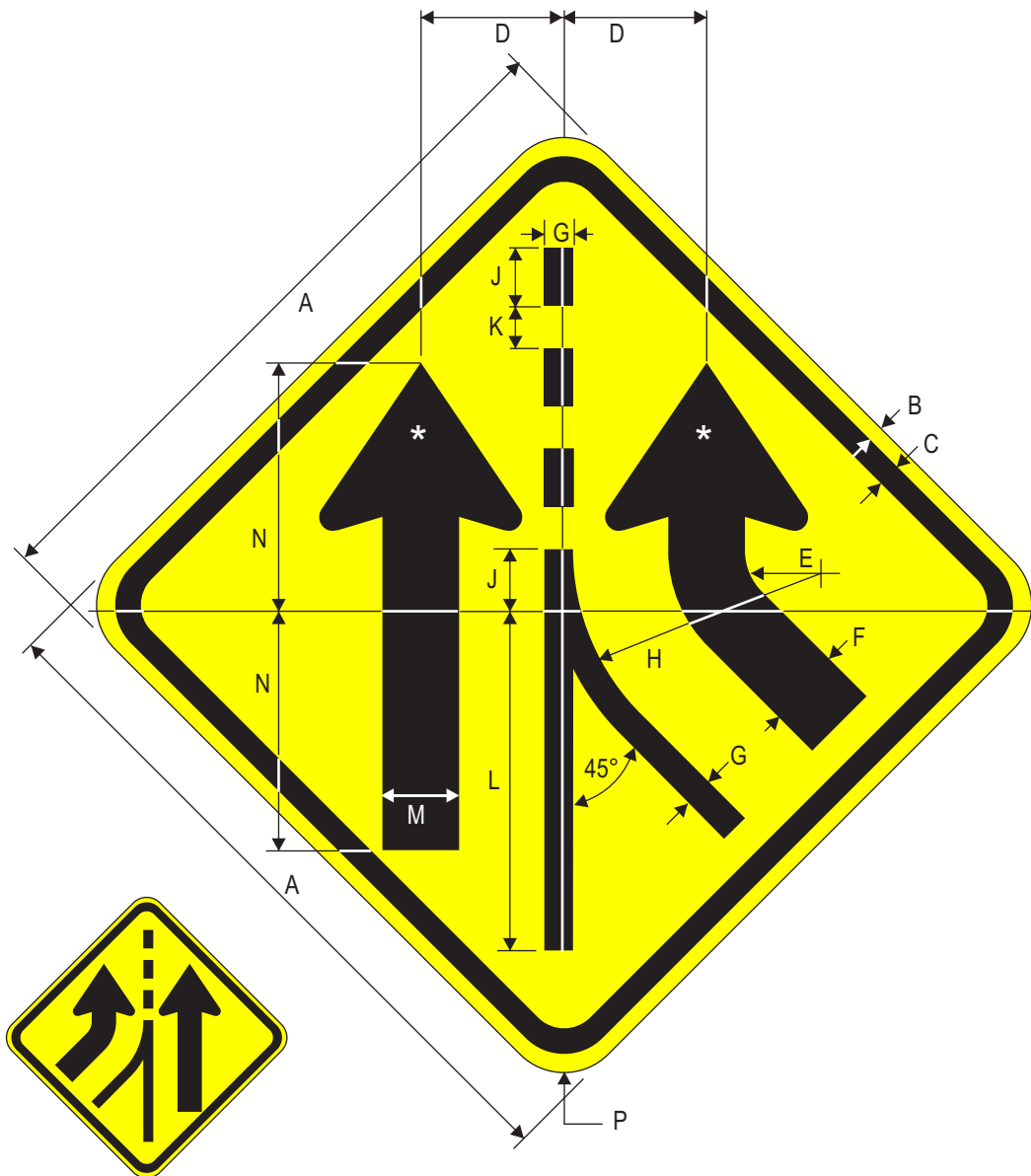
C	A	B	C	D	E	F	G	H	J	K	L
	30	.5	.75	10	3.375	4.188	.875	1.5	2.5	1.25	1.875
	36	.625	.875	12	4	5	1	1.75	3	1.5	2.25
	48	.75	1.25	16	5.375	6.688	1.25	2.375	4	2	3

WARNING SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

CONSTRUCTION SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W4-3L

W4-3R

ADDED LANE

* See page 6-2 for arrow design.

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

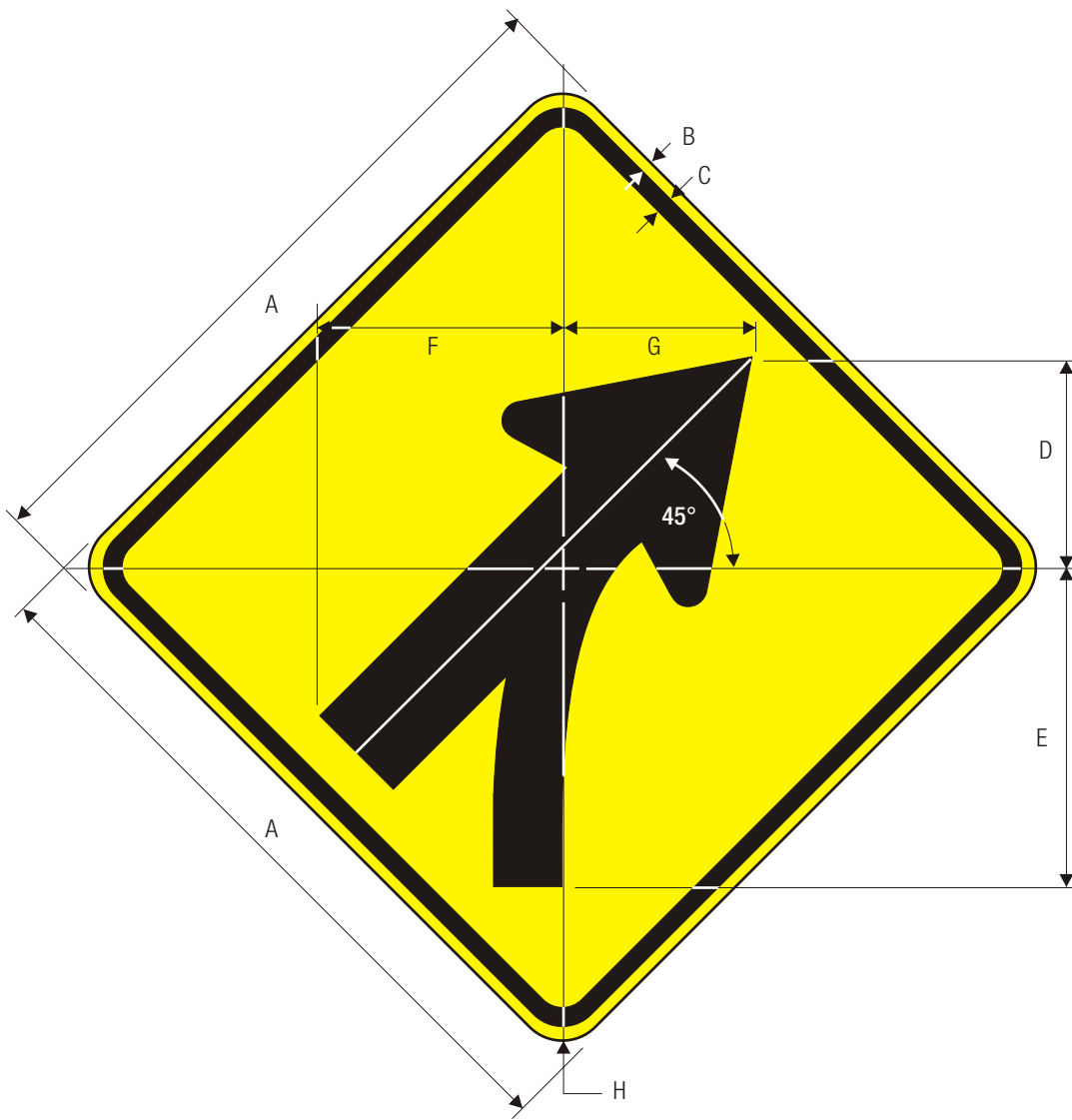
N	P
14.167	1.875
12.75	2.25
17	3

WARNING SIGN

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

TTC SIGN

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



W4-5

ENTERING ROADWAY MERGE

*Scale and rotate W4-1 to fit dimensions.

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

WARNING SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W4-5P
NO MERGE AREA (PLAQUE)

* Reduce character spacing 20%.

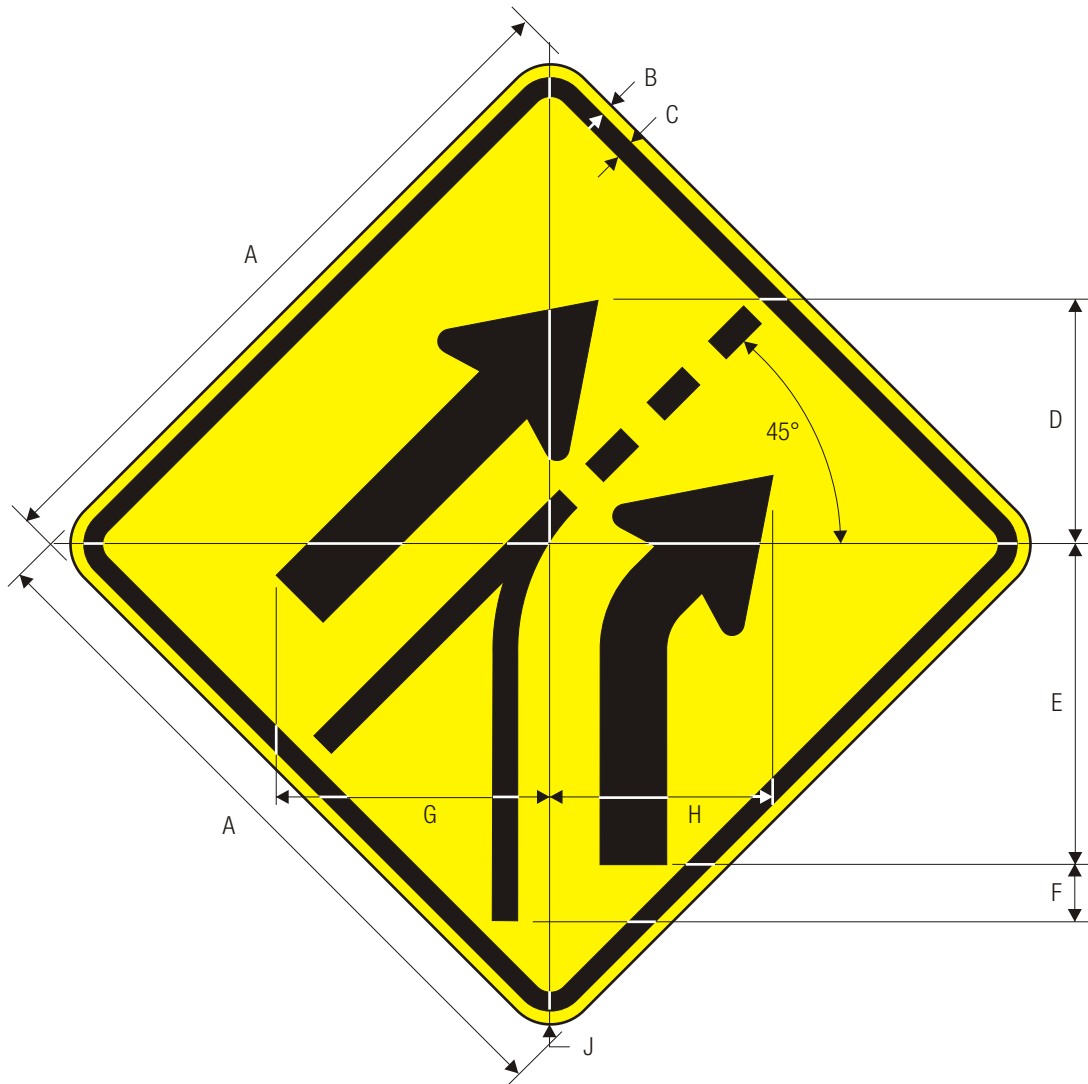
A	B	C	D	E	F	G	H	J	K	L	M
18	24	0.375	0.625	3.5	4 C	2.5	4 C*	2.701	6.787	5.502	1.5
24	30	0.375	0.625	4.25	5 C	3.25	5 C	3.377	8.854	6.878	1.5

WARNING SIGN

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

TTC SIGN

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



W4-6

ENTERING ROADWAY ADDED LANE

*Scale and rotate W4-3 to fit dimensions.

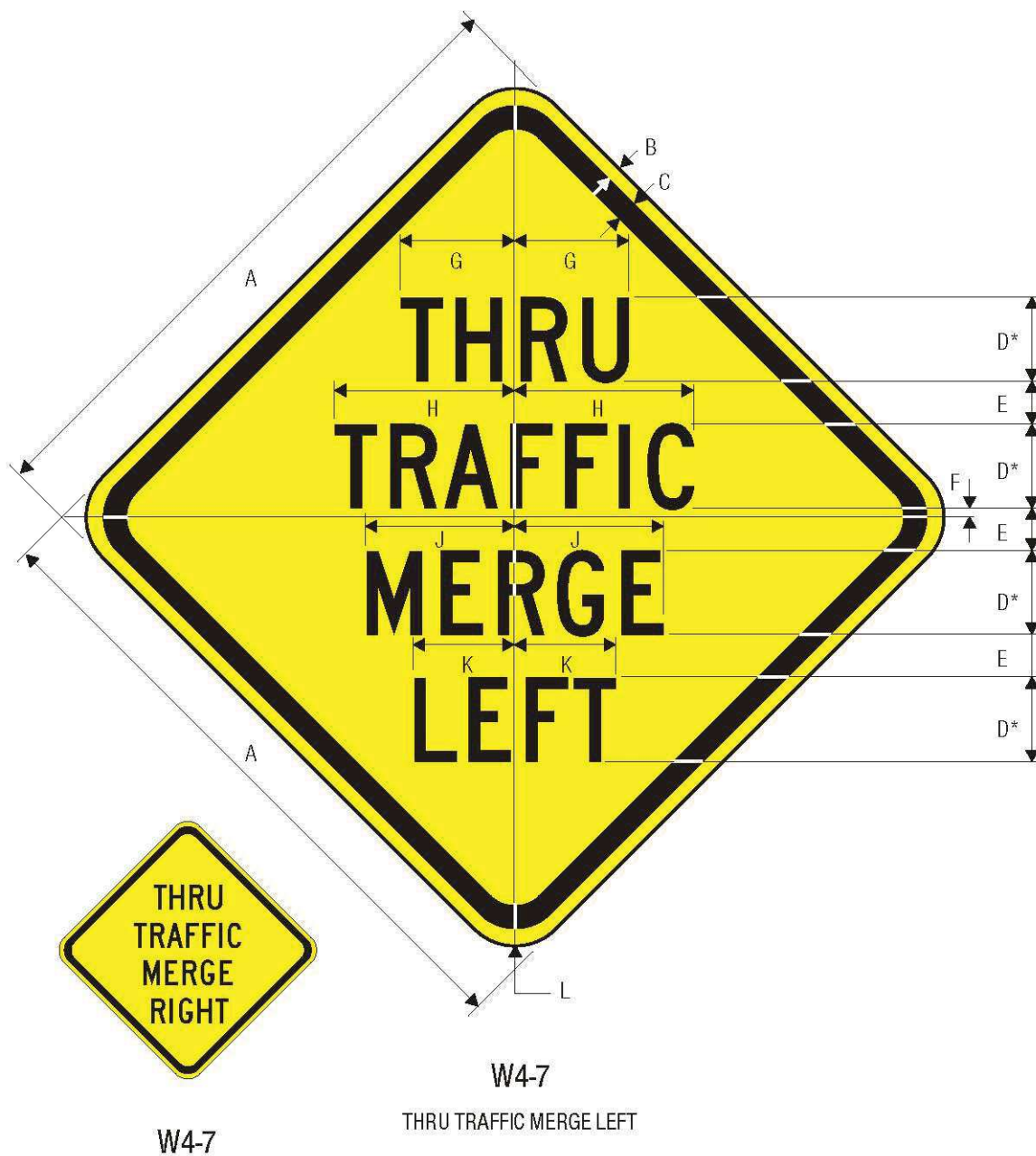
C	A	B	C	D	E	F	G	H	J
	24	.375	.625	10.367	10.728	12.569	11.648	8.966	1.5
	30	.5	.75	12.969	13.410	15.691	14.571	11.208	1.875
	36	.625	.875	15.571	16.092	18.814	17.493	13.450	2.25
	48	.75	1.25	20.735	21.456	25.139	23.297	17.933	3

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



*Series 2000 Standard Alphabets.

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

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W5-1
ROAD NARROWS

C

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

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

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



W5-2
NARROW BRIDGE

*Reduce spacing 20%.

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

WARNING SIGN

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

TTC SIGN

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



W5-3

ONE LANE BRIDGE

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

WARNING SIGN COLORS:

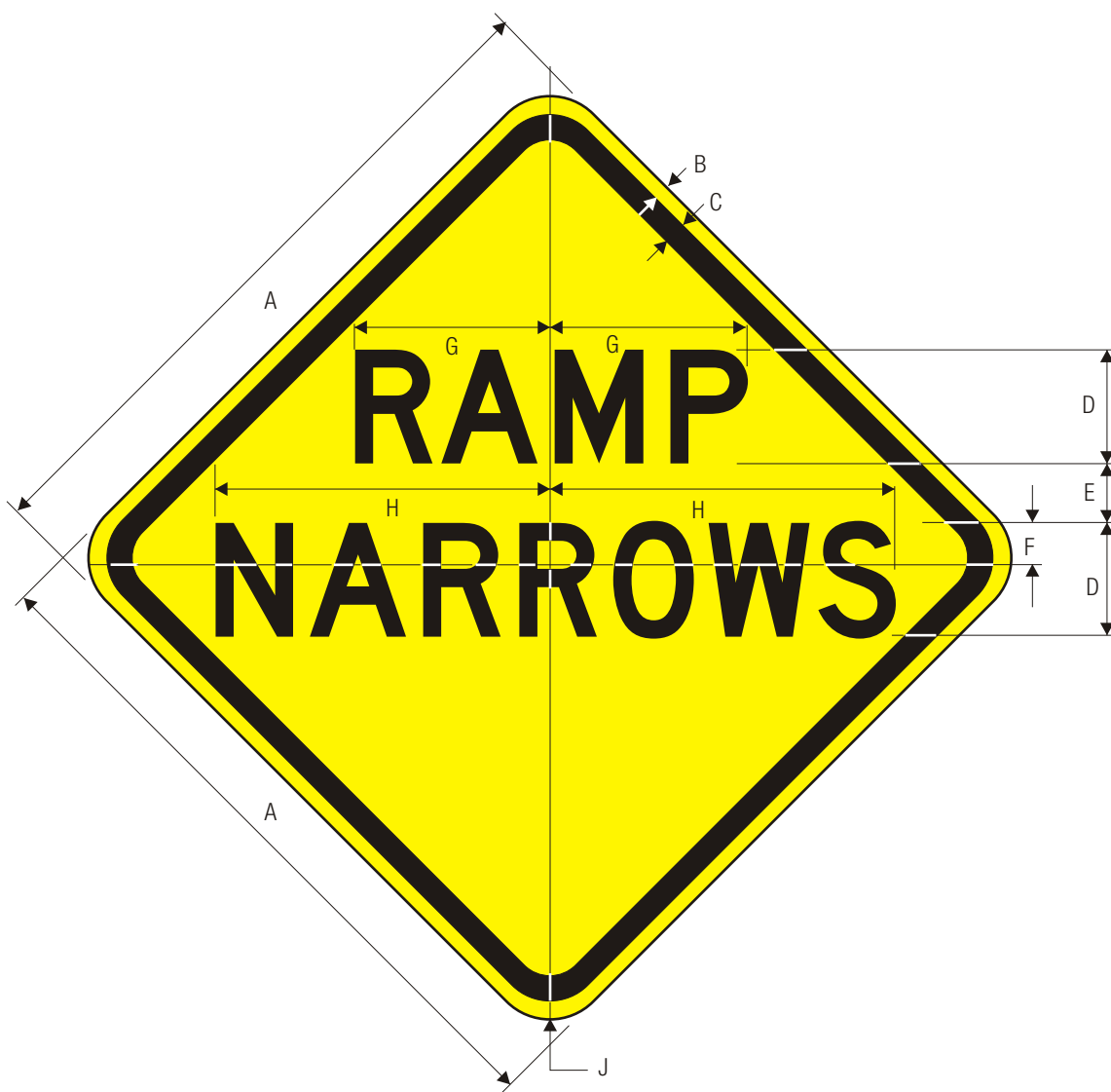
LEGEND — BLACK

BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W5-4

RAMP NARROWS

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

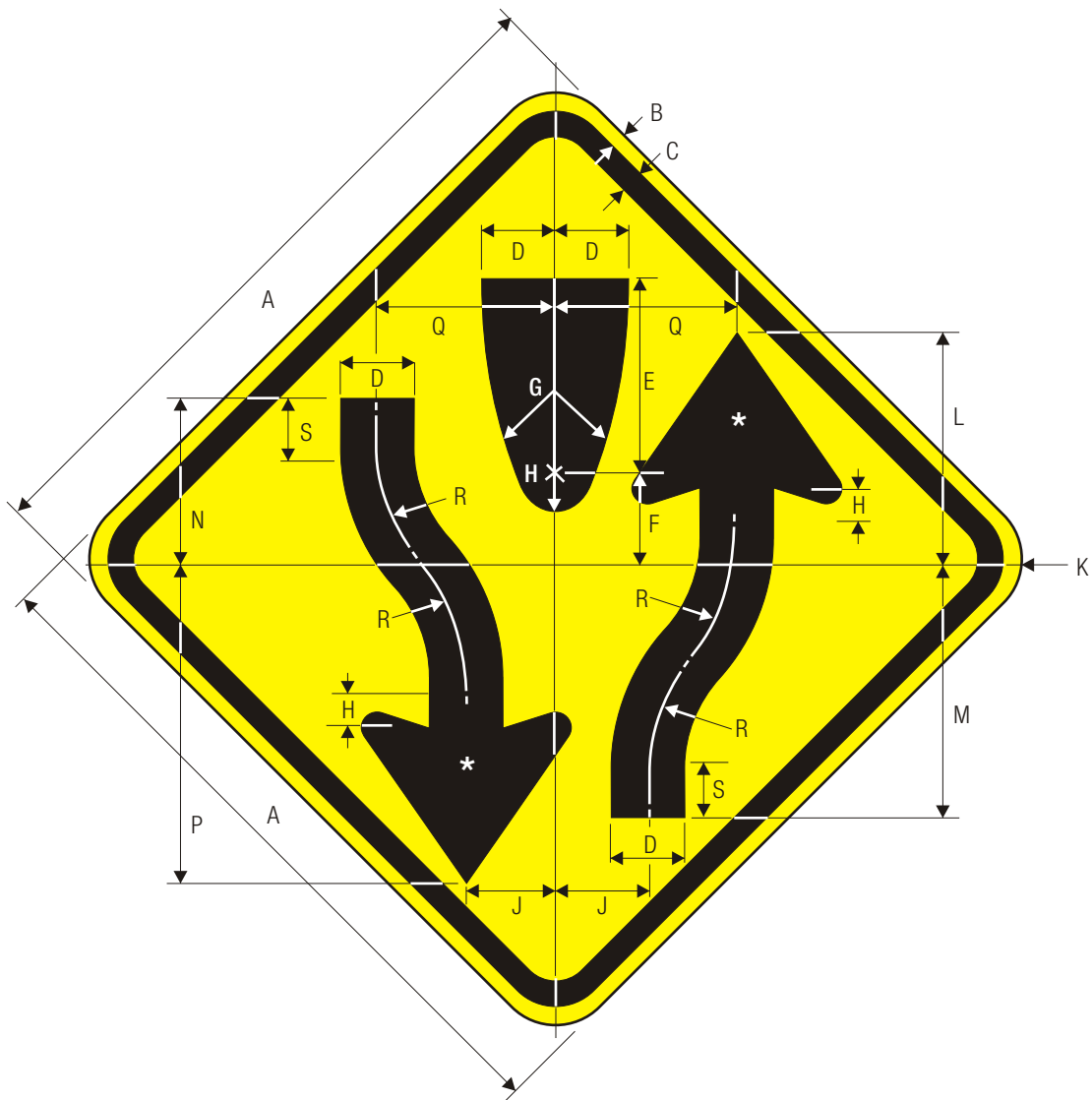
C

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W6-1

DIVIDED HIGHWAY

*See page 6-2 for arrow design.

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

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

WARNING SIGN COLORS:

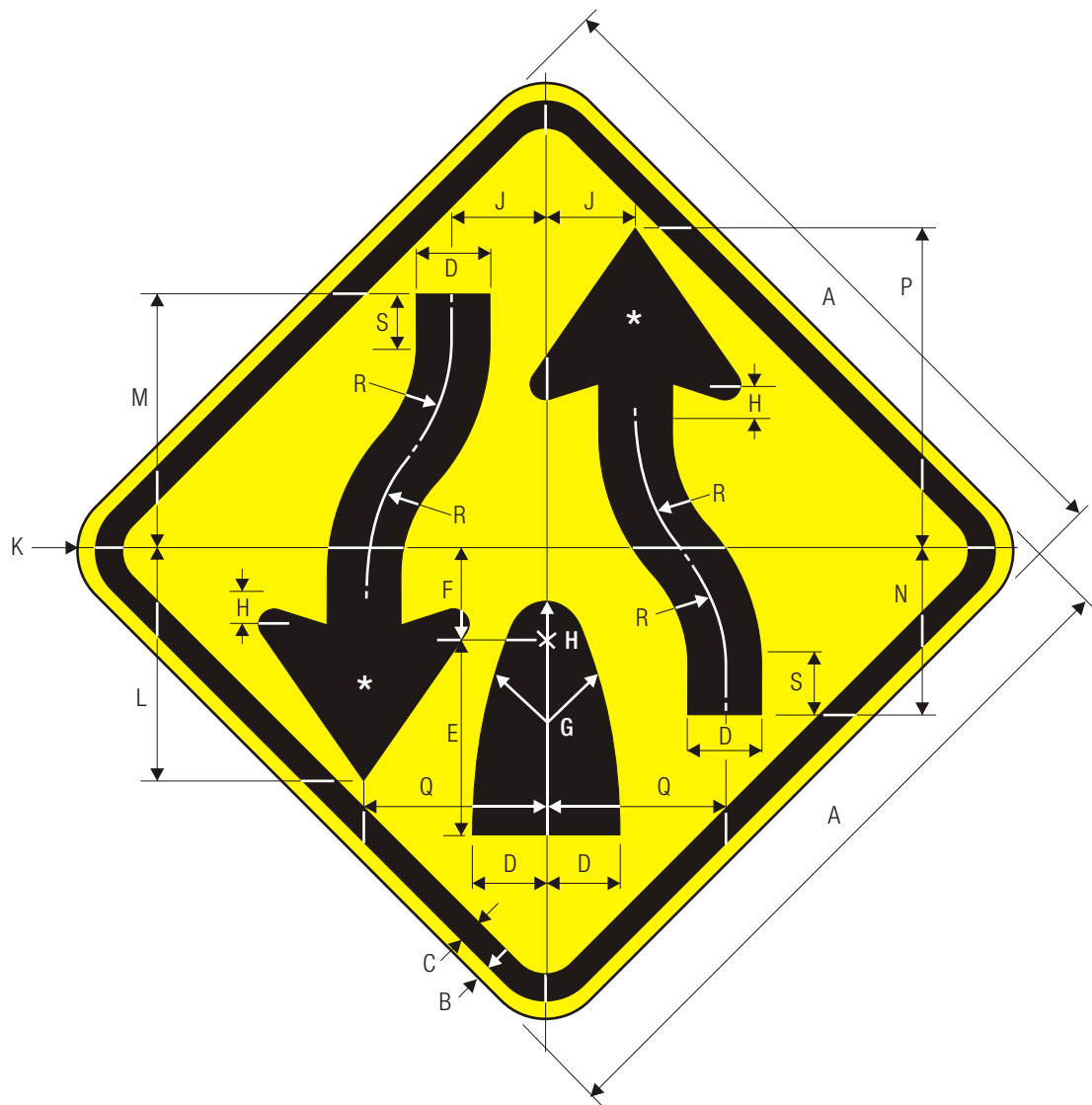
SYMBOL — BLACK

BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

SYMBOL — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W6-2
DIVIDED HIGHWAY ENDS

*See page 6-2 for arrow design.

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

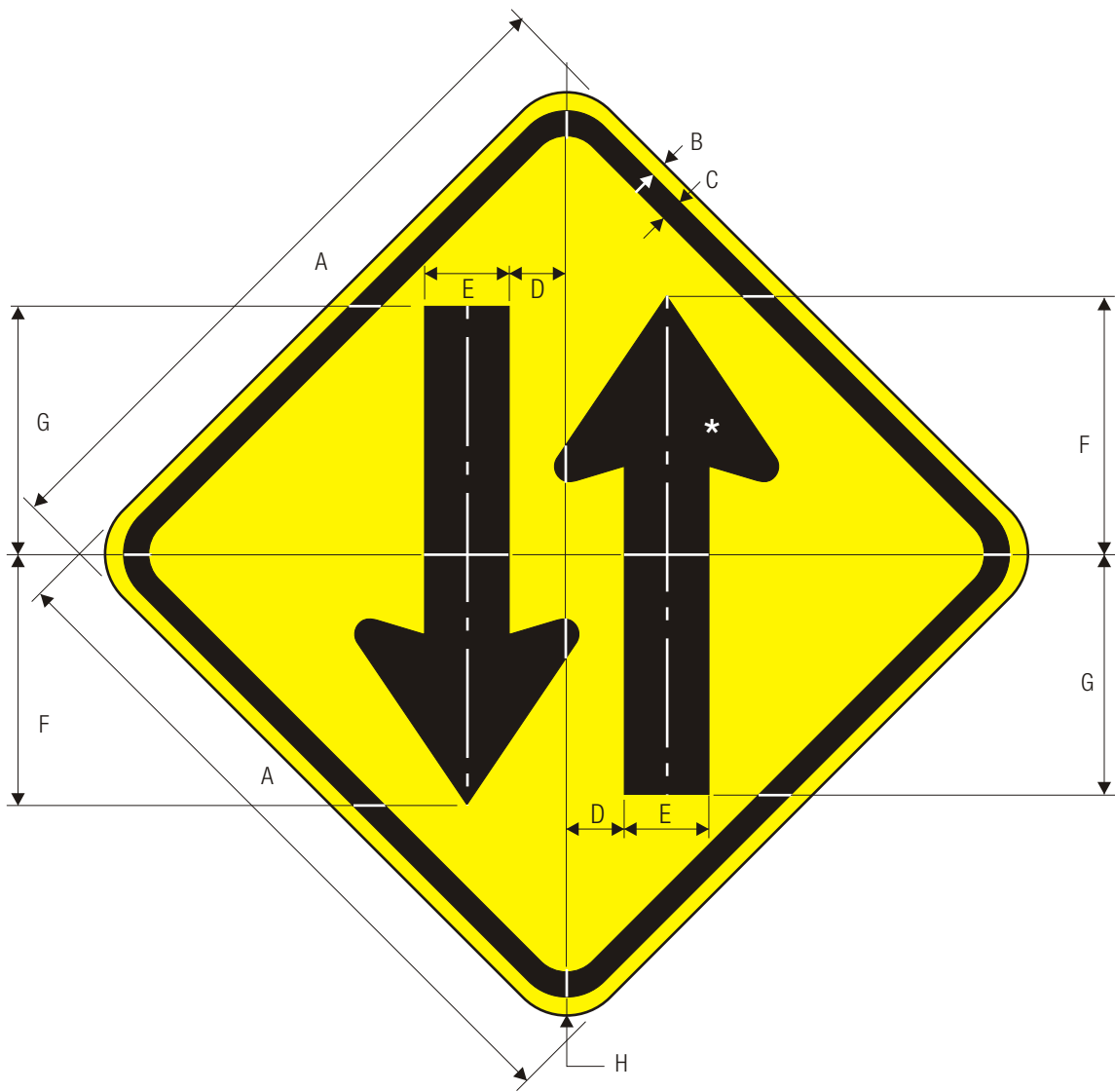
N	P	Q	R	S
7.938	13.703	7.875	8.313	2.063
9.5	16.5	9.5	10	2.5
12.688	22	12.438	13.125	3.313

WARNING SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W6-3

TWO WAY TRAFFIC

*See page 6-2 for arrow design.

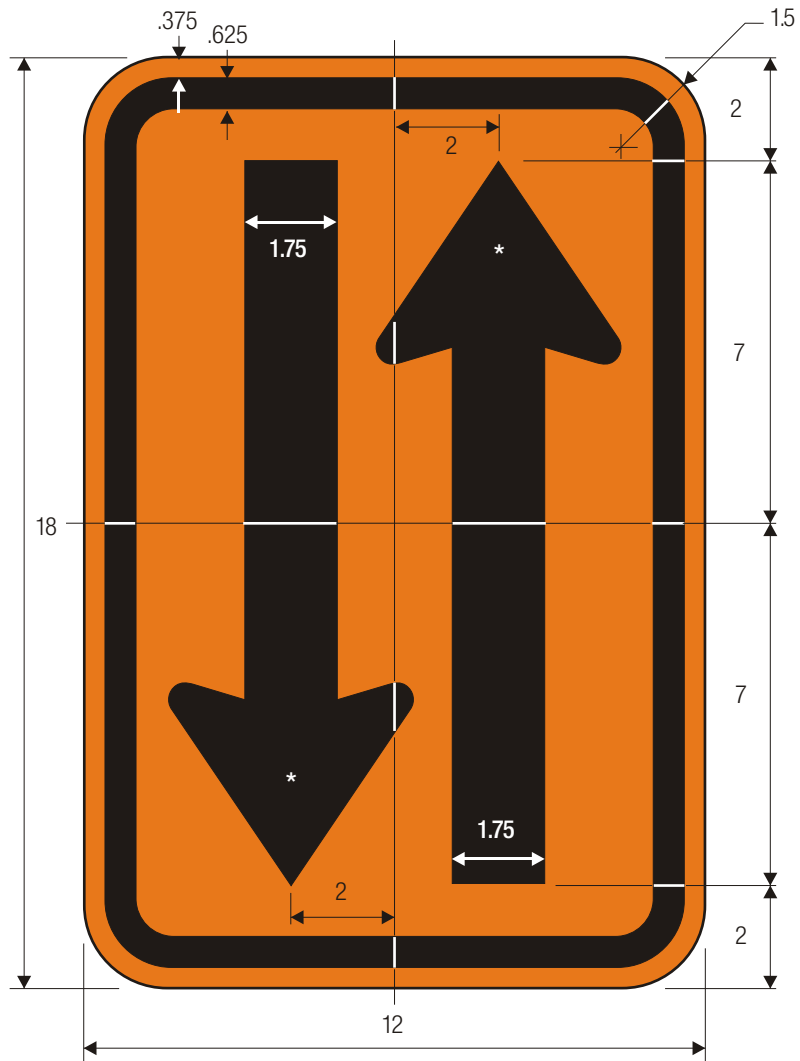
	A	B	C	D	E	F	G	H
	30	.5	.75	2.438	3.75	11.25	10.625	1.875
C	36	.625	.875	2.938	4.25	13.5	12.75	2.25
	48	.75	1.25	3.875	6	18	17	3

WARNING SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W6-4

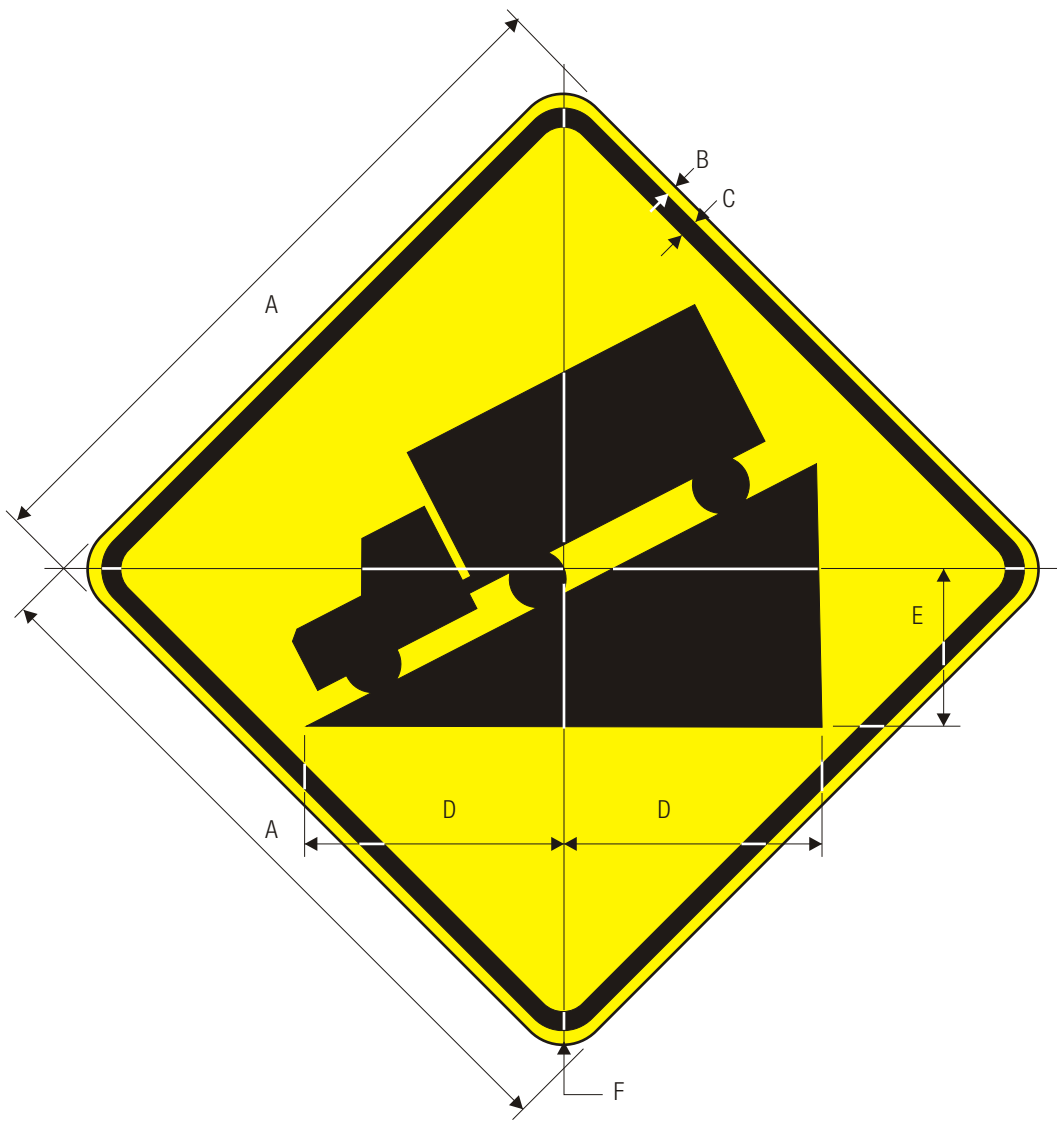
TWO WAY TRAFFIC

*See page 6-2 for arrow design.

TTC SIGN COLORS:

SYMBOL — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



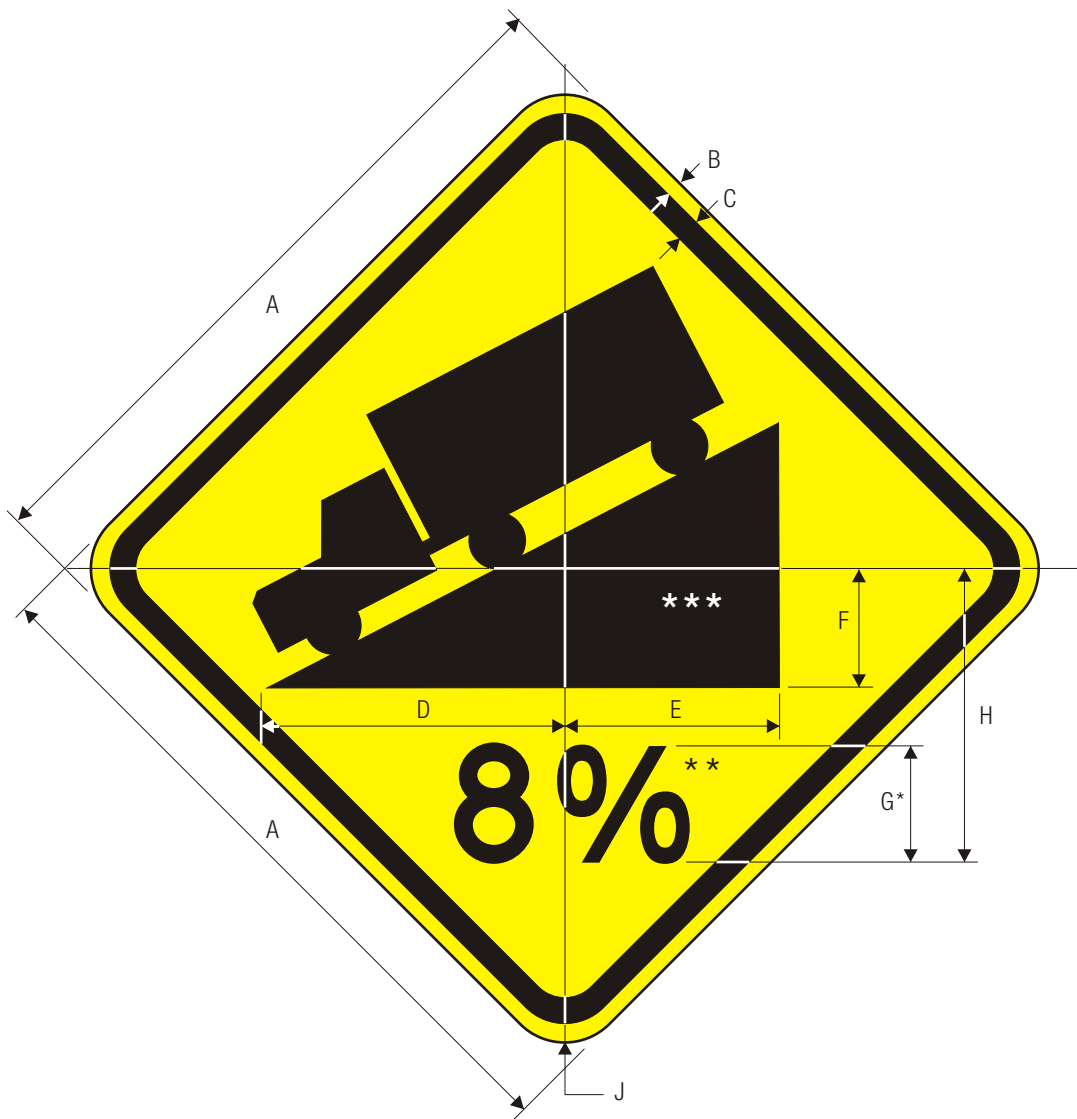
W7-1
HILL

*See page 6-22 for symbol design.

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

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

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



W7-1a

HILL

*Series 2000 Standard Alphabets.

**Optically space numeral and % about centerline.

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

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

WARNING SIGN COLORS:

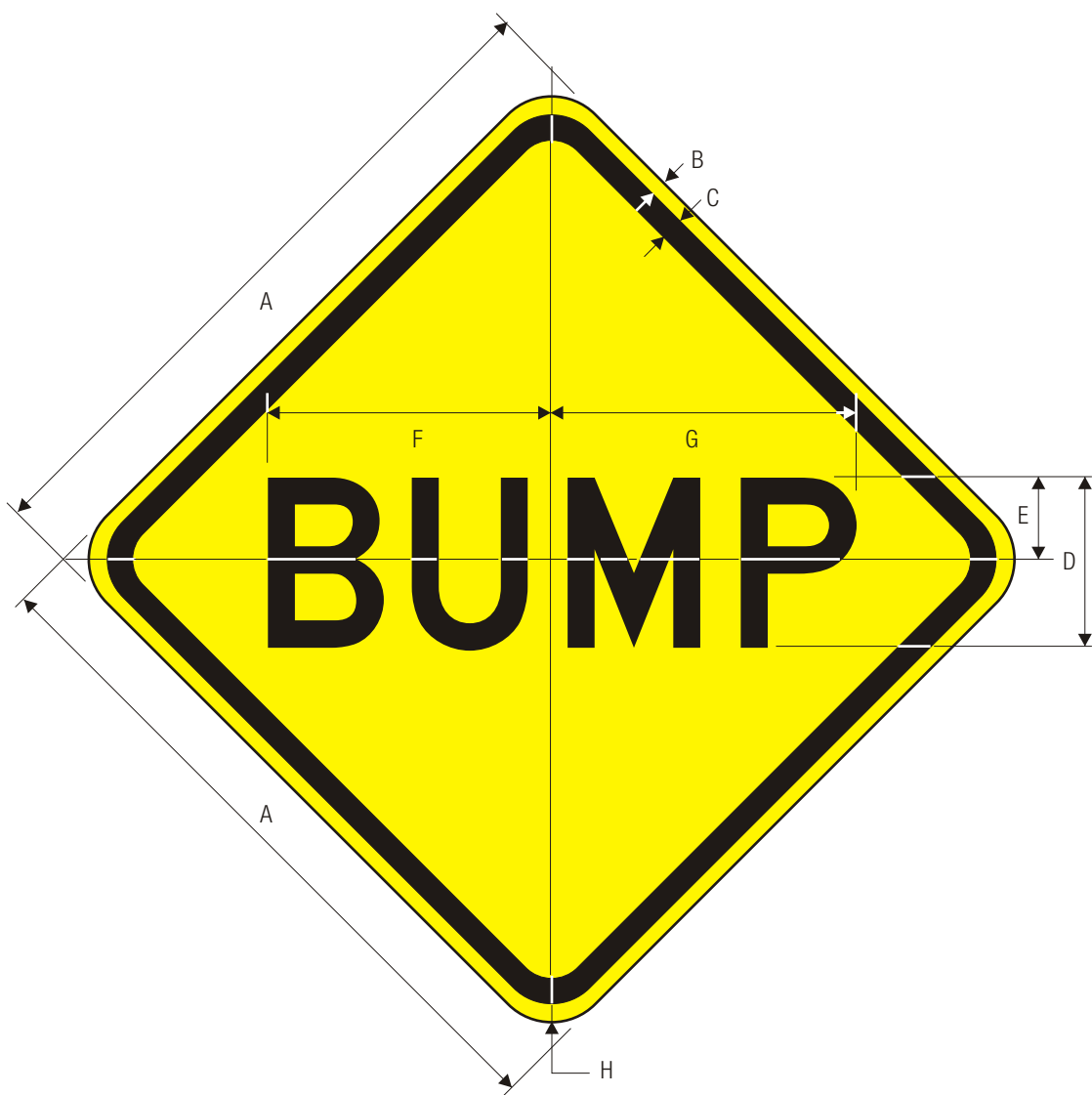
SYMBOL & LEGEND—BLACK

BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

SYMBOL & LEGEND—BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W8-1

BUMP

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

WARNING SIGN COLORS:

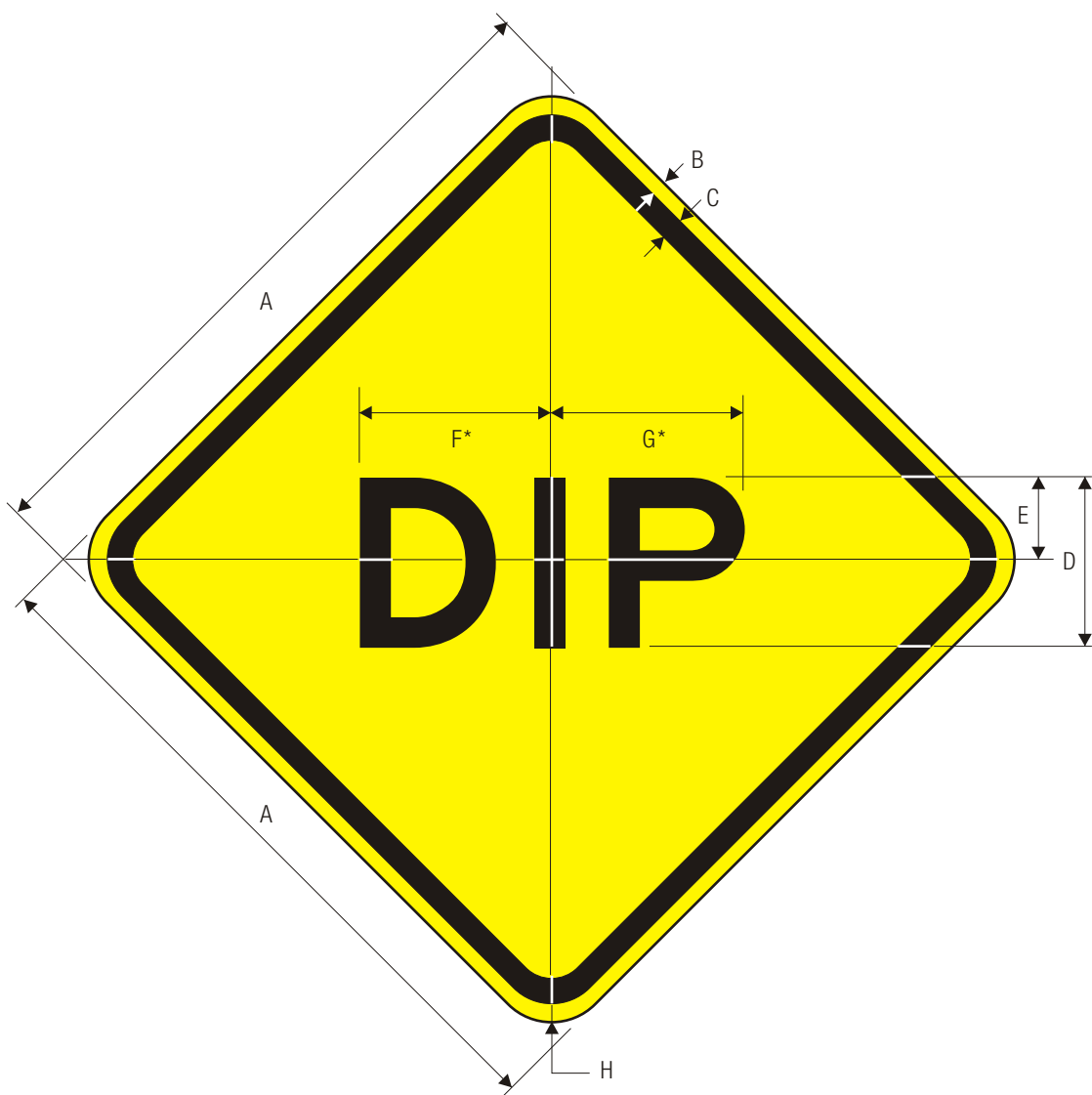
LEGEND — BLACK

BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W8-2
DIP

*Increase spacing 50%

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

WARNING SIGN COLORS:

LEGEND — BLACK

BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)

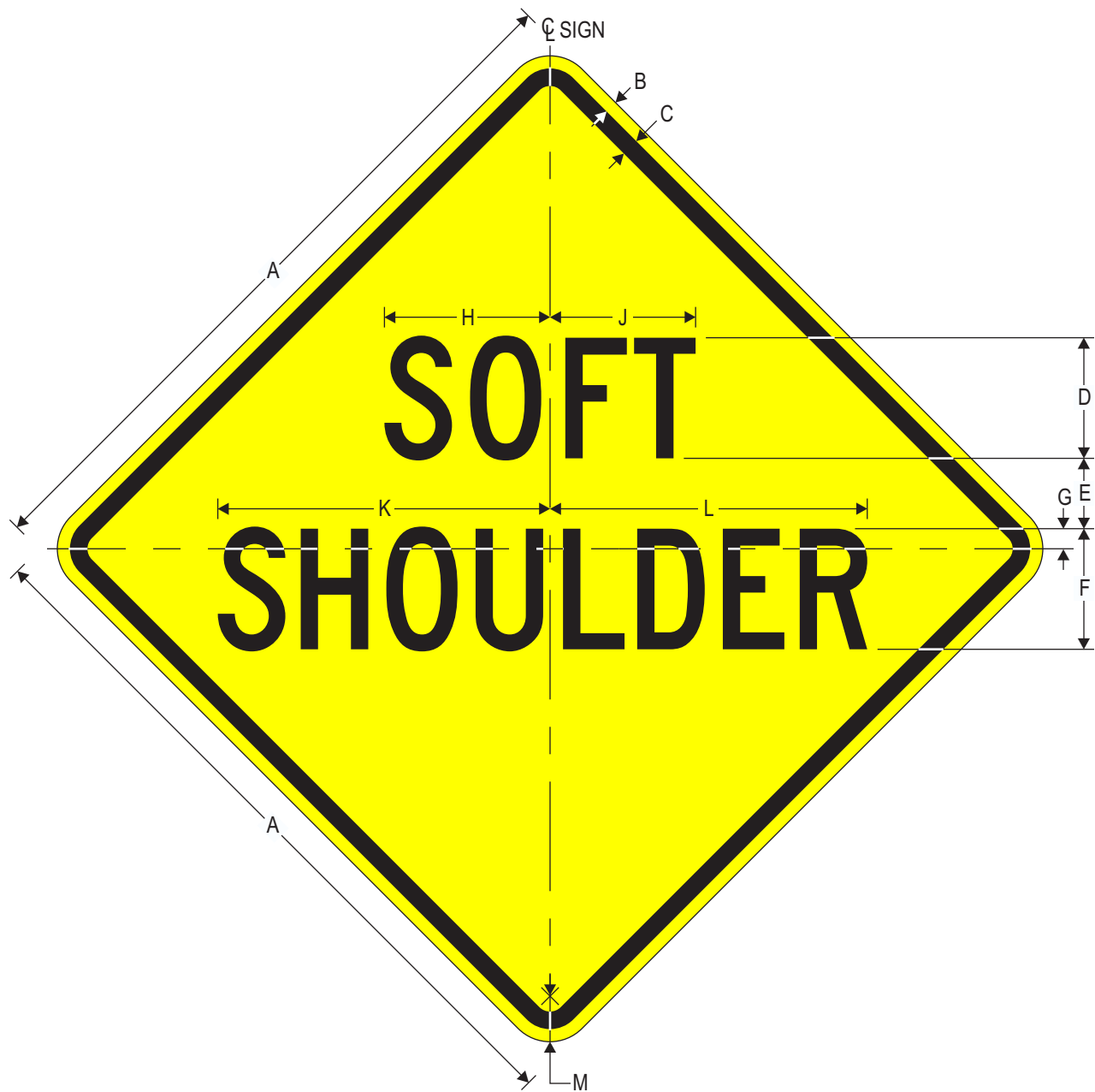


W8-3
PAVEMENT ENDS

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

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

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



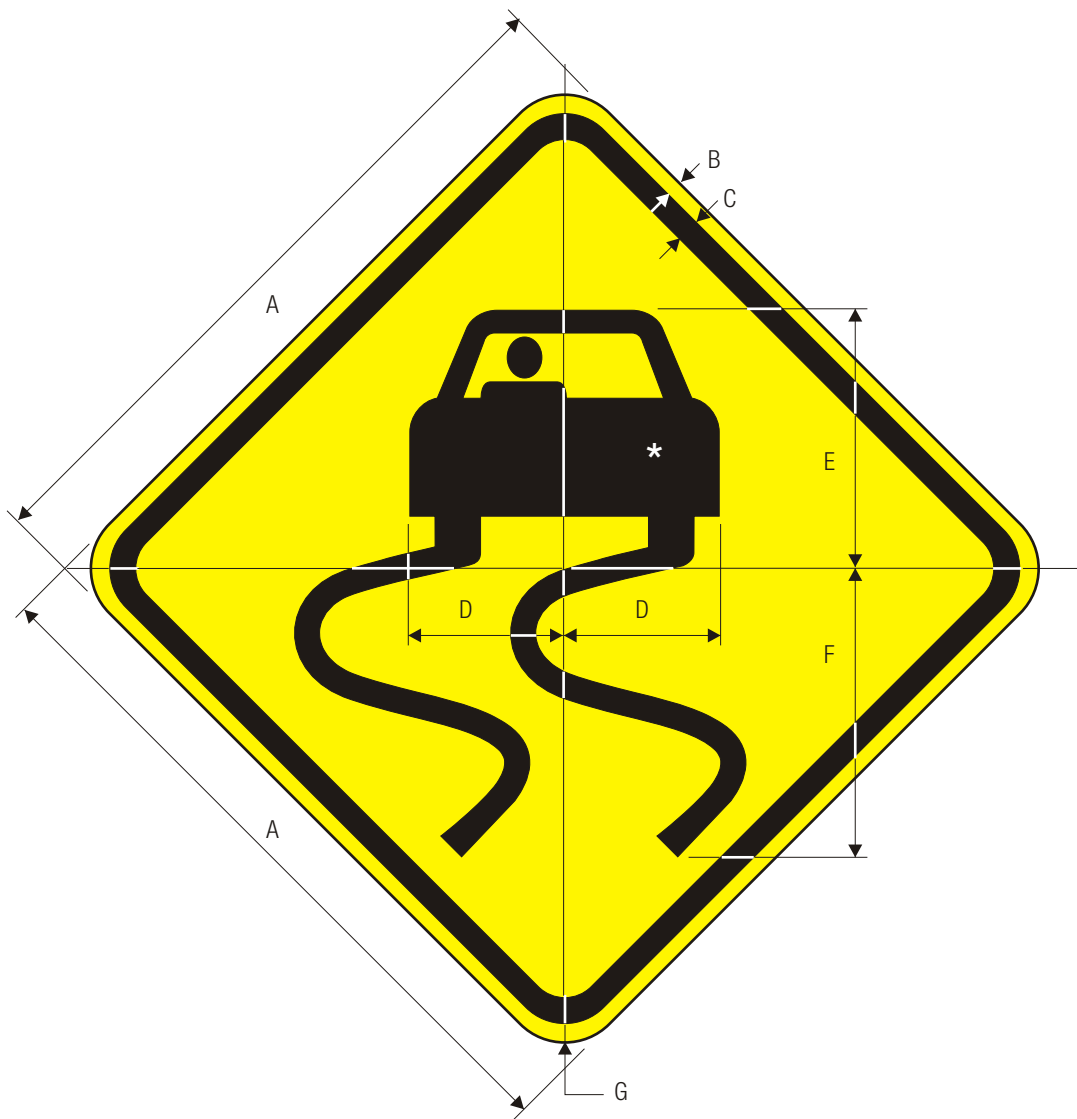
W8-4
SOFT SHOULDER

* Reduce character spacing 25%.

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

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

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



W8-5
SLIPPERY WHEN WET

*See page 6-23 for symbol design.

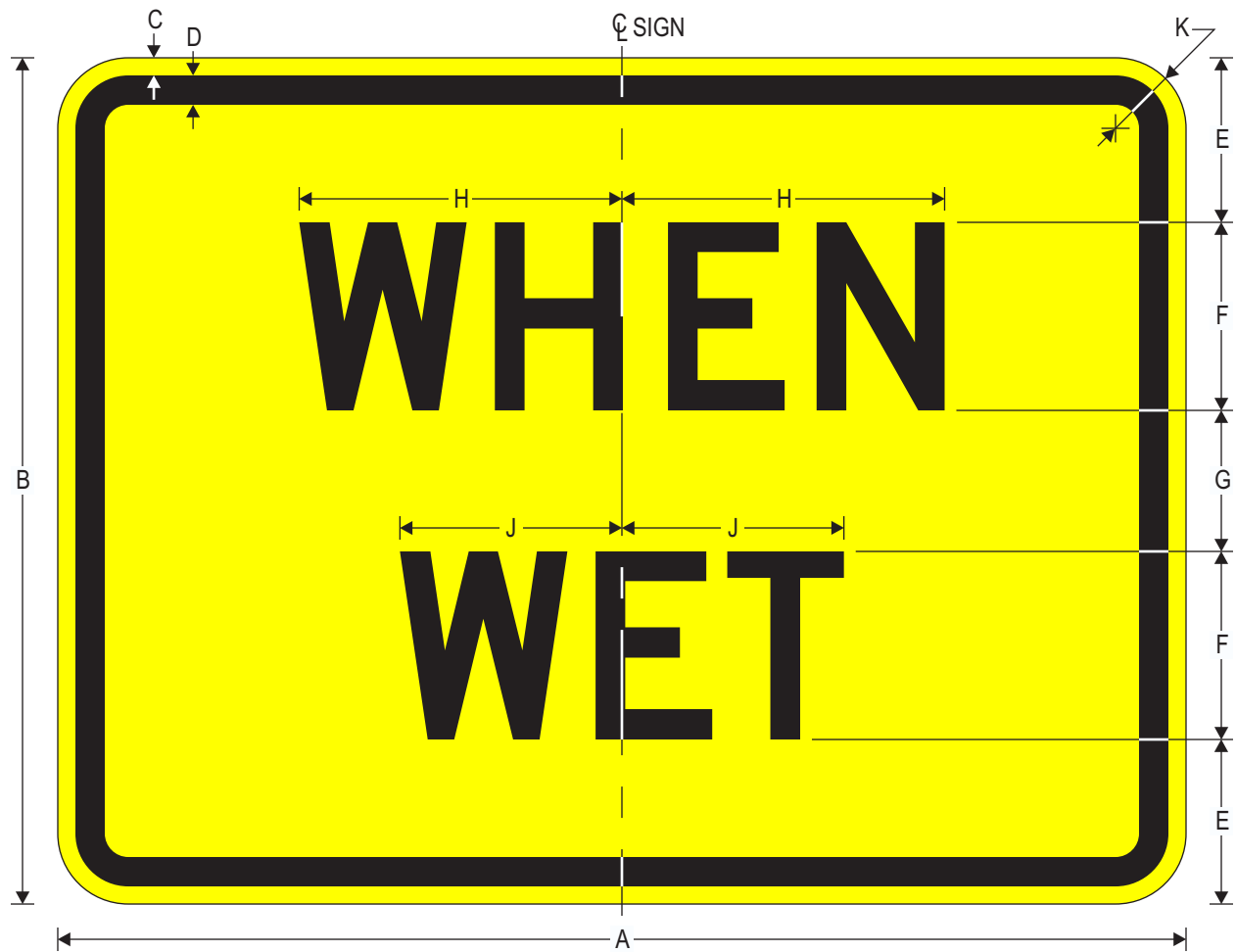
	A	B	C	D	E	F	G
	24	.375	.625	6.313	8.688	9.875	1.5
C	30	.5	.75	8	11	12.5	1.875
	36	.625	.875	9.5	13	14.813	2.25
	48	.75	1.25	12.625	17.375	19.75	3

WARNING SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)

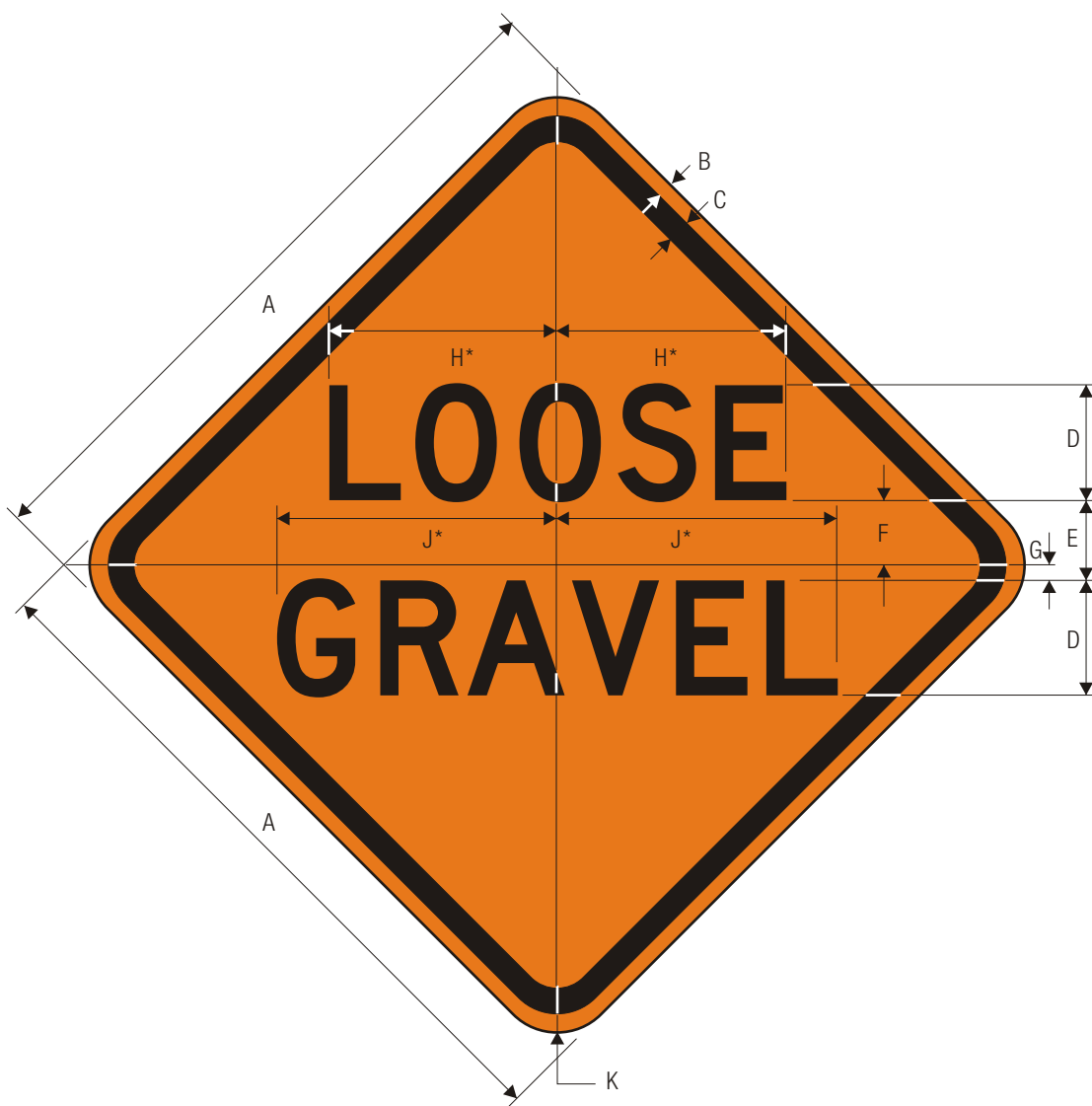


W8-5P
WHEN WET (PLAQUE)

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

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

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



W8-7

LOOSE GRAVEL

*Reduce spacing 40%

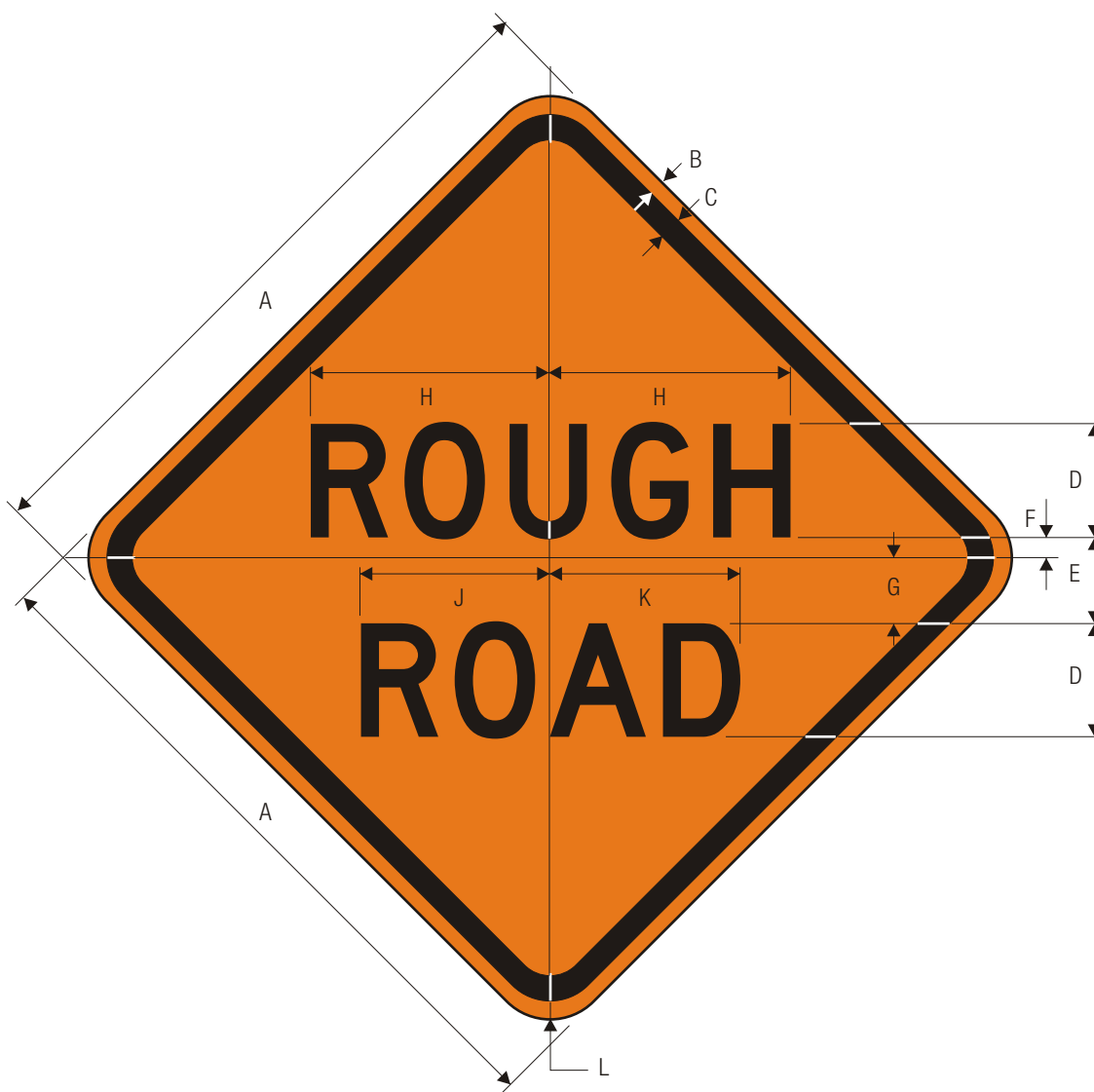
	A	B	C	D	E	F	G	H	J	K
	24	.375	.625	4 D	2.75	2.25	.5	7.563	9.313	1.5
C	30	.5	.75	5 D	3.438	2.813	.625	9.438	11.688	1.875
	36	.625	.875	6 D	4.125	3.375	.75	11.313	14	2.25
	48	.75	1.25	8 D	5.5	4.5	1	15.125	18.688	3

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W8-8

LOOSE GRAVEL

C

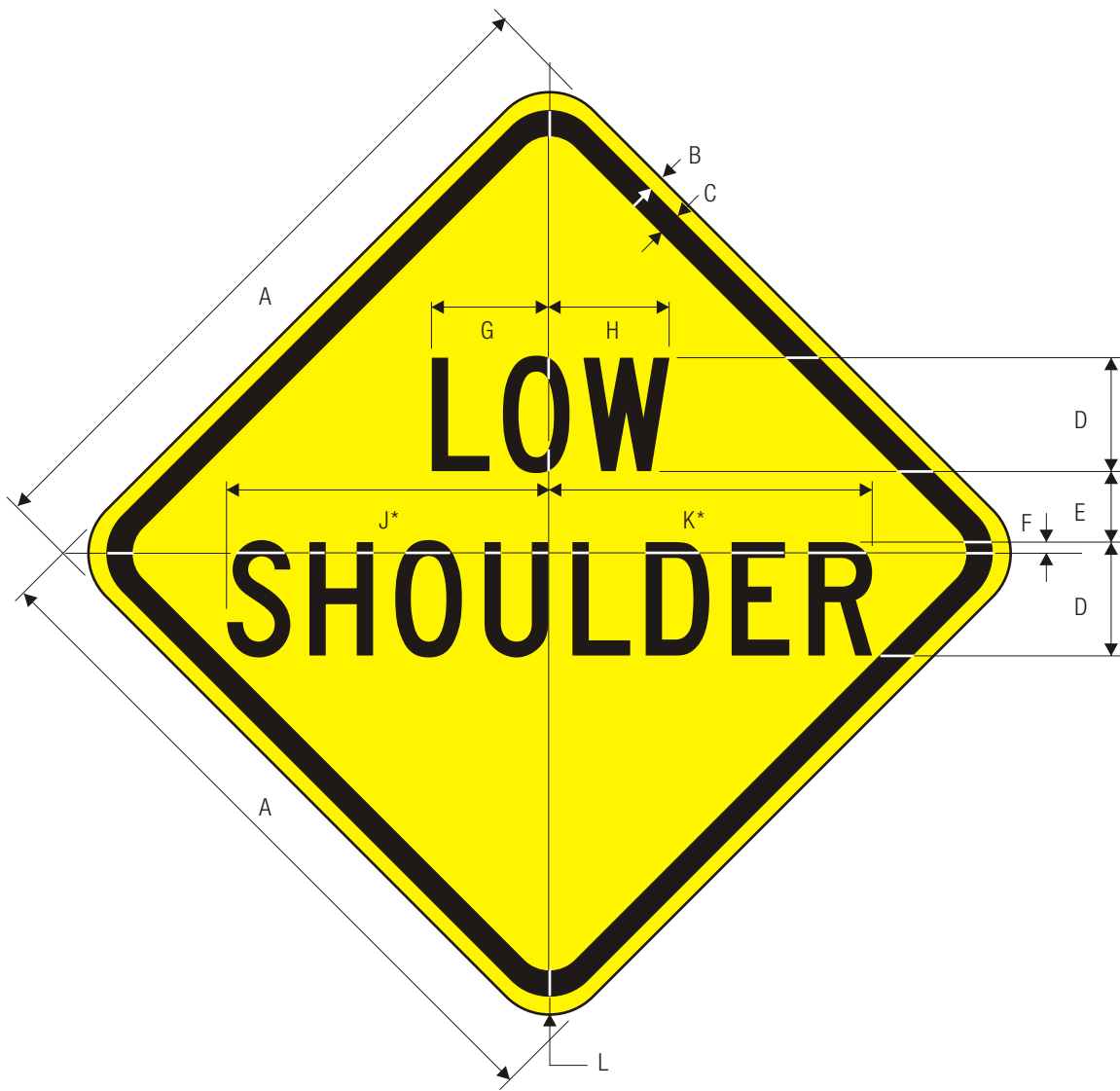
A	B	C	D	E	F	G	H	J	K	L
24	.375	.625	4 D	3	.75	2.25	8.563	6.75	7	1.5
30	.5	.75	5 D	4	.875	3.125	10.688	8.438	8.75	1.875
36	.625	.875	6 D	5	1	4	12.875	10.125	10.5	2.25
48	.75	1.25	8 D	6	1.5	4.5	17.125	13.5	14	3

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W8-9

LOW SHOULDER

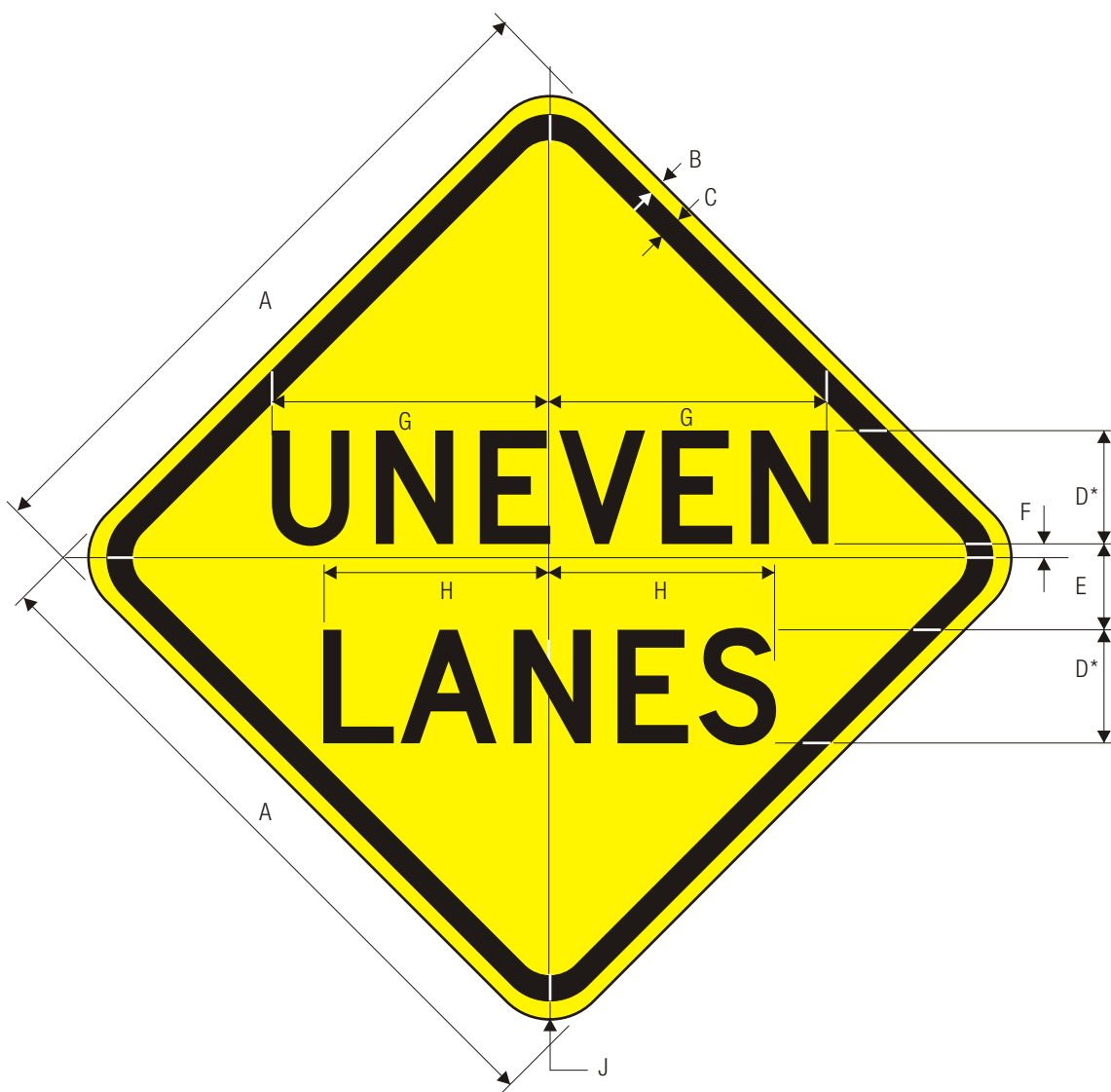
A	B	C	D	E	F	G	H	J	K	L
24	.375	.625	4 C	2.25	.5	4.125	4.5	10.938	10.438	1.5
30	.5	.75	5 C	3	.75	5.188	5.625	13.688	13.063	1.875
36	.625	.875	6 C	3.5	1	6.188	6.75	16.5	15.75	2.25
48	.75	1.25	8 C	5	1.25	8.25	9	21.875	20.875	3

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W8-11

UNEVEN LANES

*Series 2000 Standard Alphabets.

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

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W8-12
NO CENTER LINE

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

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

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



W8-14
FALLEN ROCKS

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

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

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

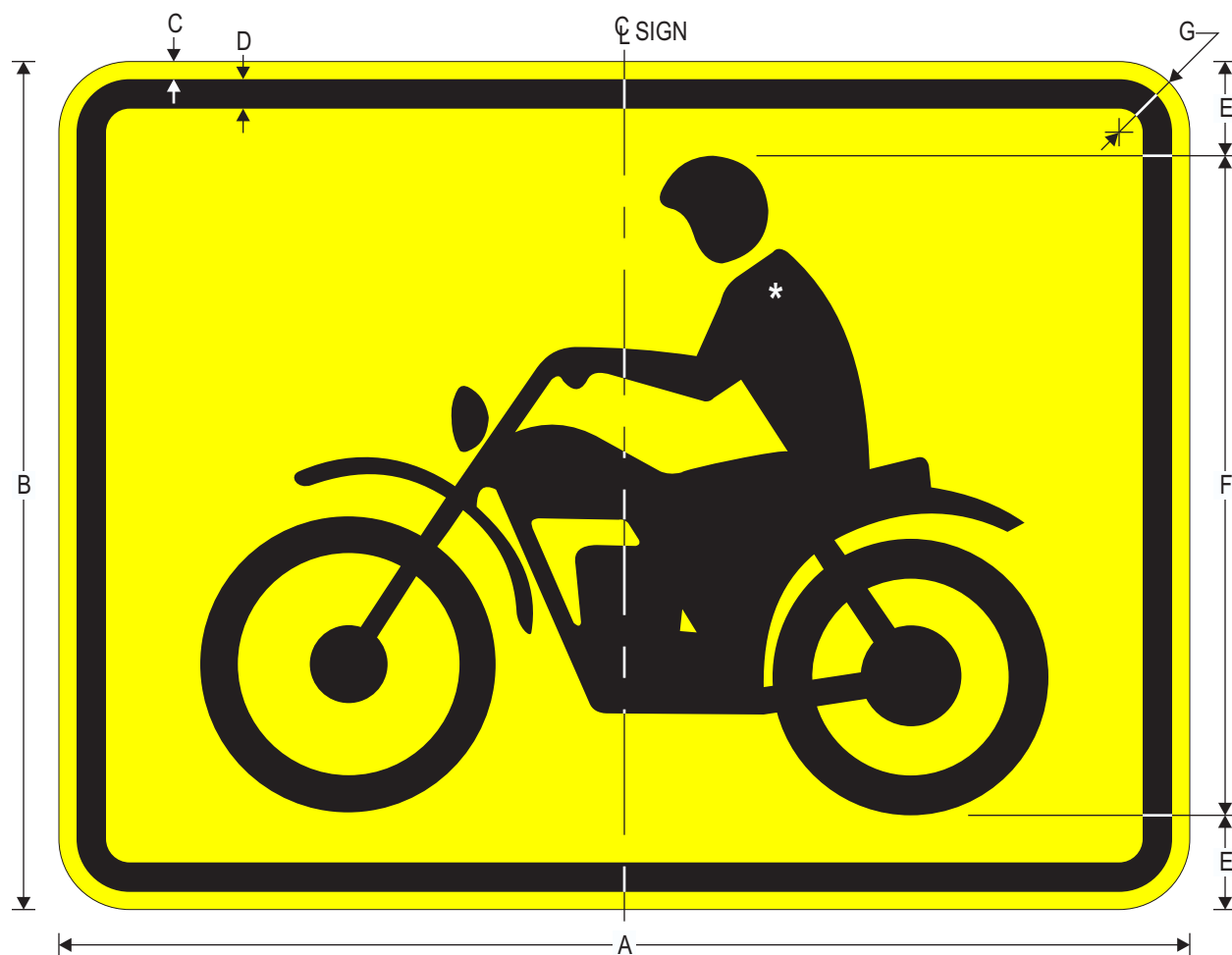


W8-15
GROOVED PAVEMENT

* Reduce character spacing 20%.

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

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



W8-15P
MOTORCYCLE (PLAQUE)

* See page X-XX for symbol design.

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

WARNING SIGN

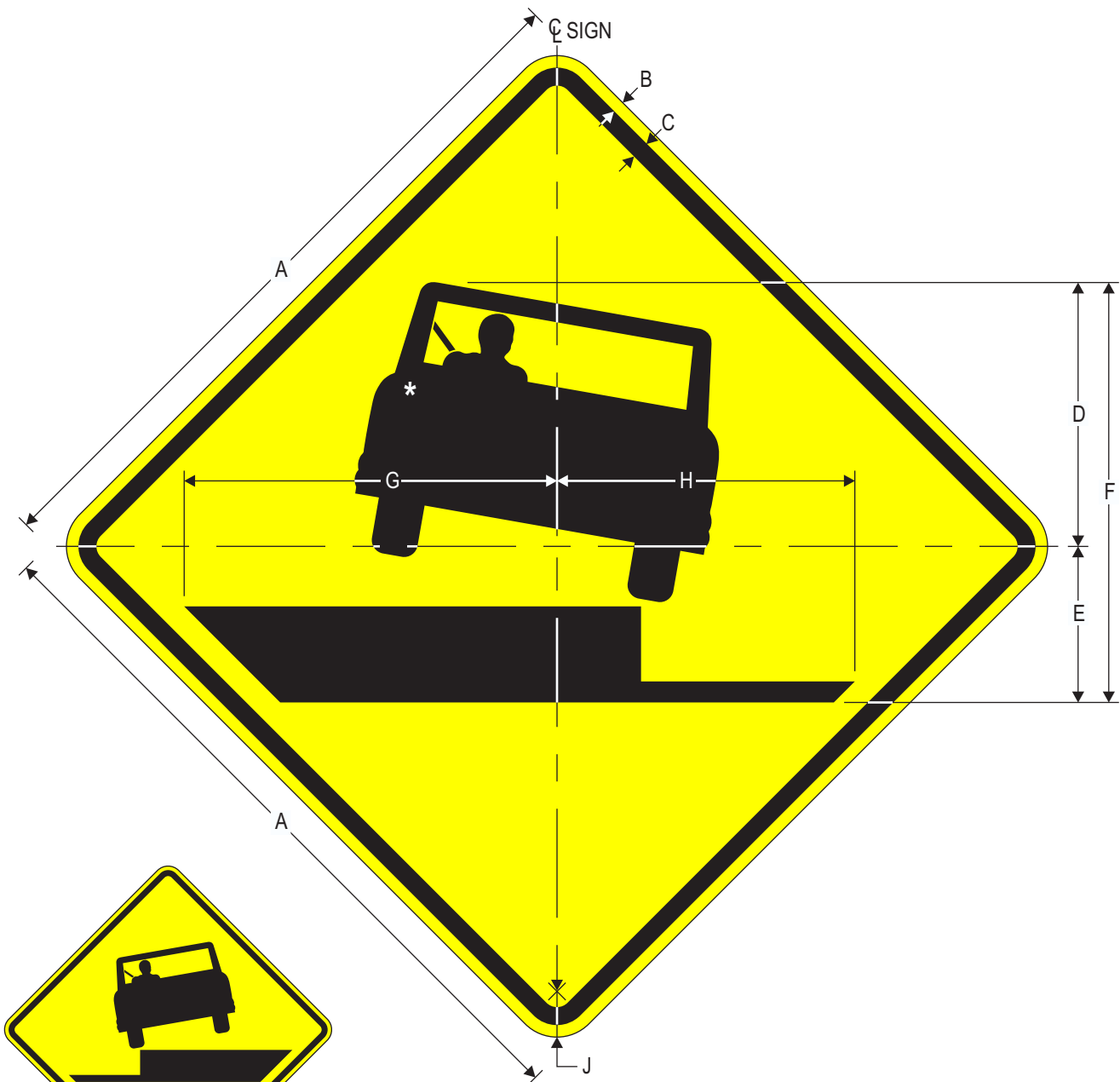
COLORS: LEGEND
BACKGROUND

— BLACK
— YELLOW (RETROREFLECTIVE)

TTC SIGN

COLORS: LEGEND
BACKGROUND

— BLACK
— ORANGE (RETROREFLECTIVE)



W8-17R
SHOULDER DROP-OFF

W8-17L

* See page X-XX for symbol design.

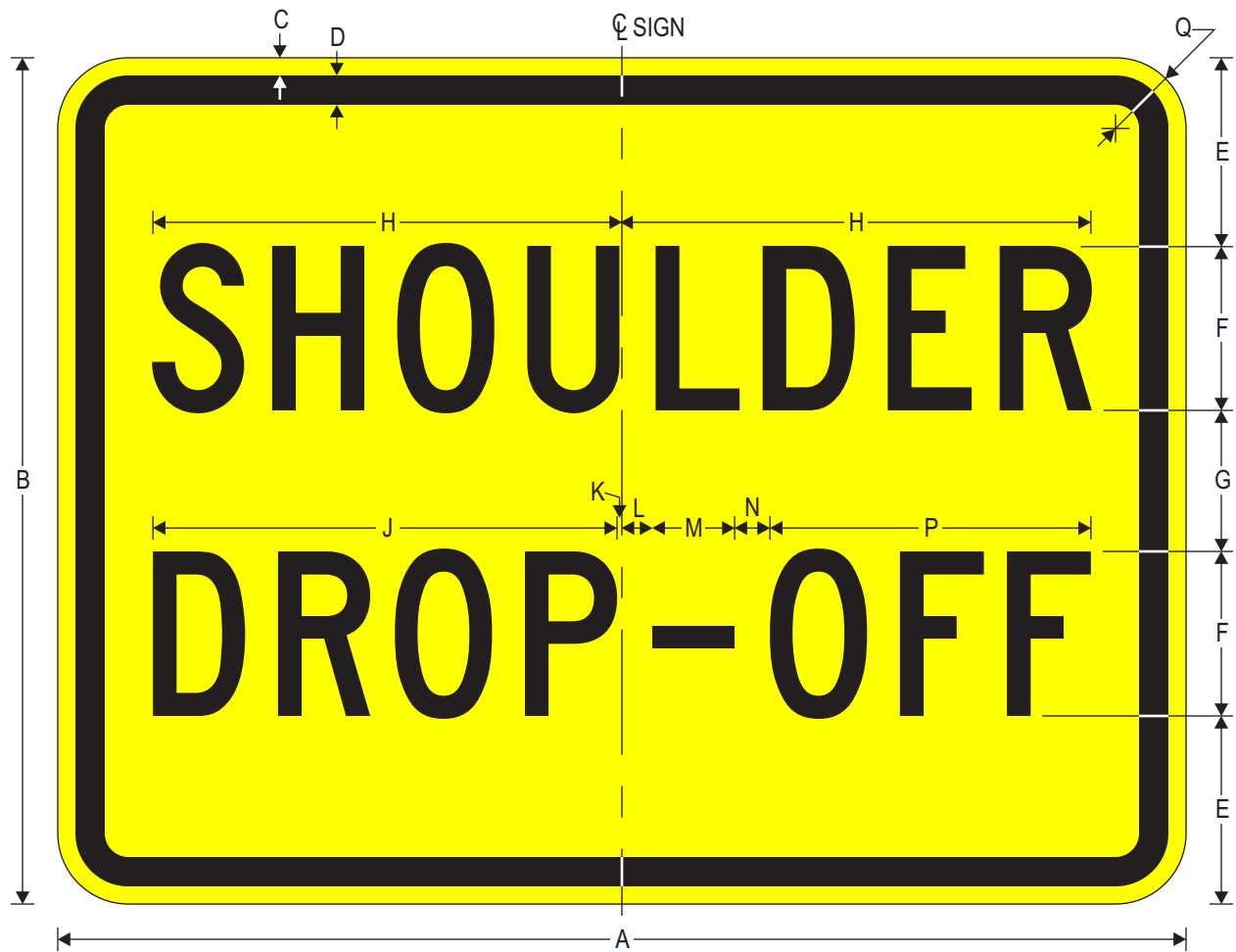
A	B	C	D	E	F	G	H	J
24	0.375	0.625	9	5	14	12.421	9.929	1.5
30	0.5	0.75	11	6.5	17.5	15.564	12.373	1.875
36	0.625	0.875	13.5	7.5	21	18.630	14.895	2.25
48	0.75	1.25	18	10	28	24.850	19.850	3

WARNING SIGN
COLORS: LEGEND
BACKGROUND

— BLACK
— YELLOW (RETROREFLECTIVE)

TTC SIGN
COLORS: LEGEND
BACKGROUND

— BLACK
— ORANGE (RETROREFLECTIVE)



W8-17P

SHOULDER DROP-OFF (PLAQUE)

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

WARNING SIGN

COLORS: LEGEND
BACKGROUND

— BLACK
— YELLOW (RETROREFLECTIVE)

TTC SIGN

COLORS: LEGEND
BACKGROUND

— BLACK
— ORANGE (RETROREFLECTIVE)

MI



W8-18
ROAD MAY FLOOD

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

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

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



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

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

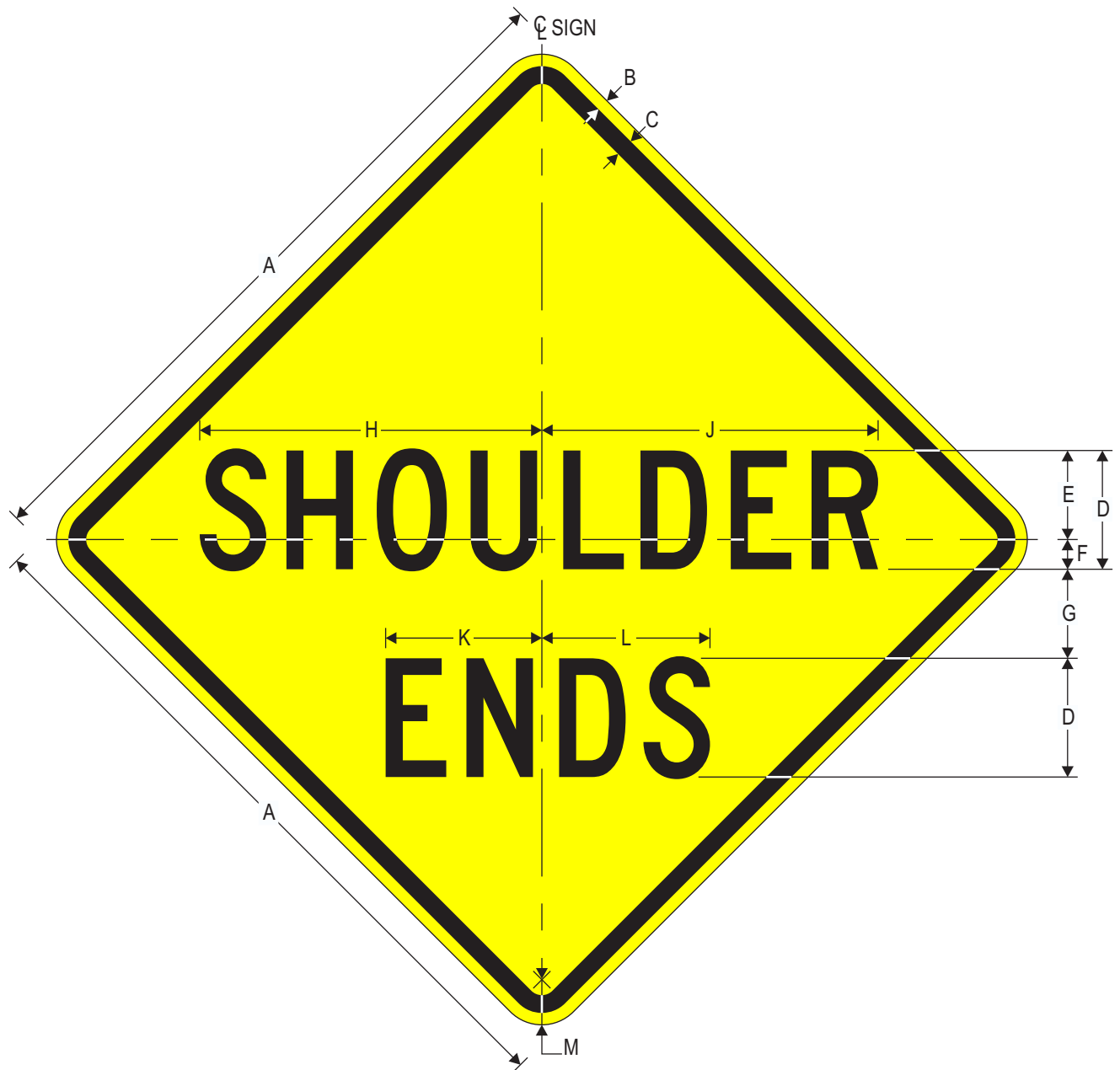
TTC SIGN
 COLORS: LEGEND — BLACK
 BACKGROUND — ORANGE (RETROREFLECTIVE)



W8-24
STEEL PLATE AHEAD

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

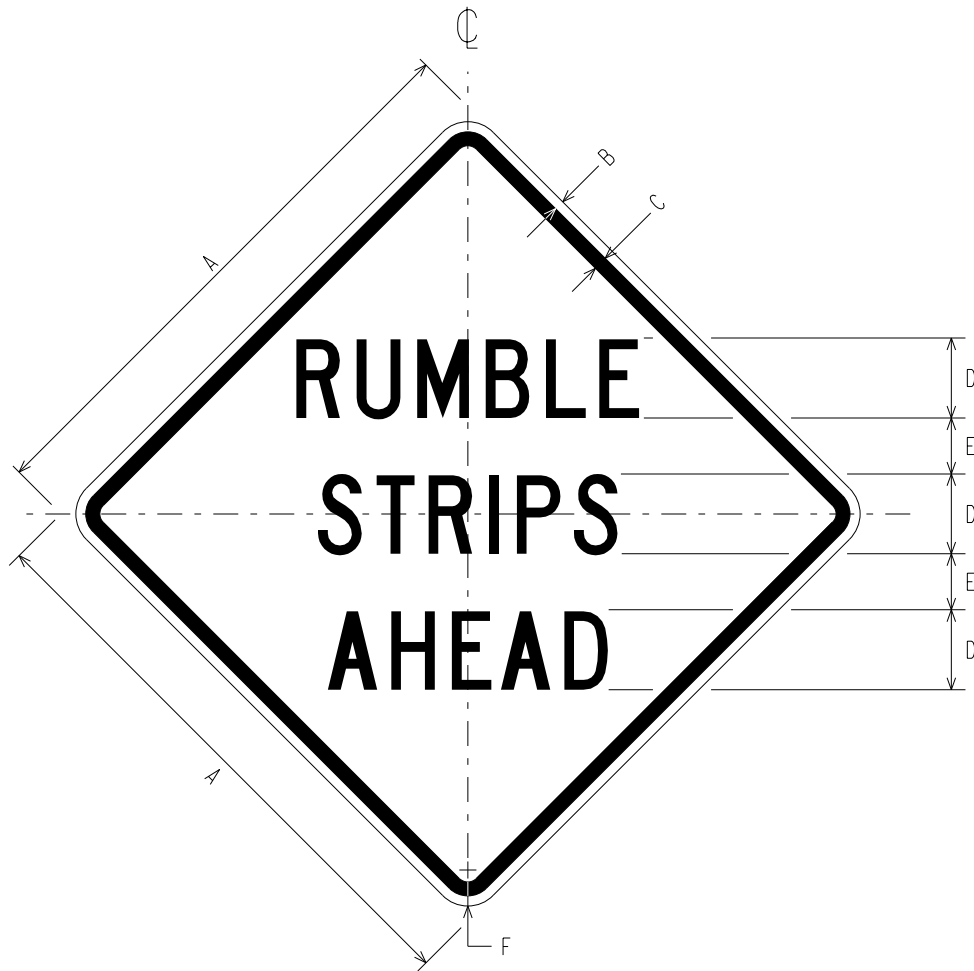
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W8-25
SHOULDER ENDS

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

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

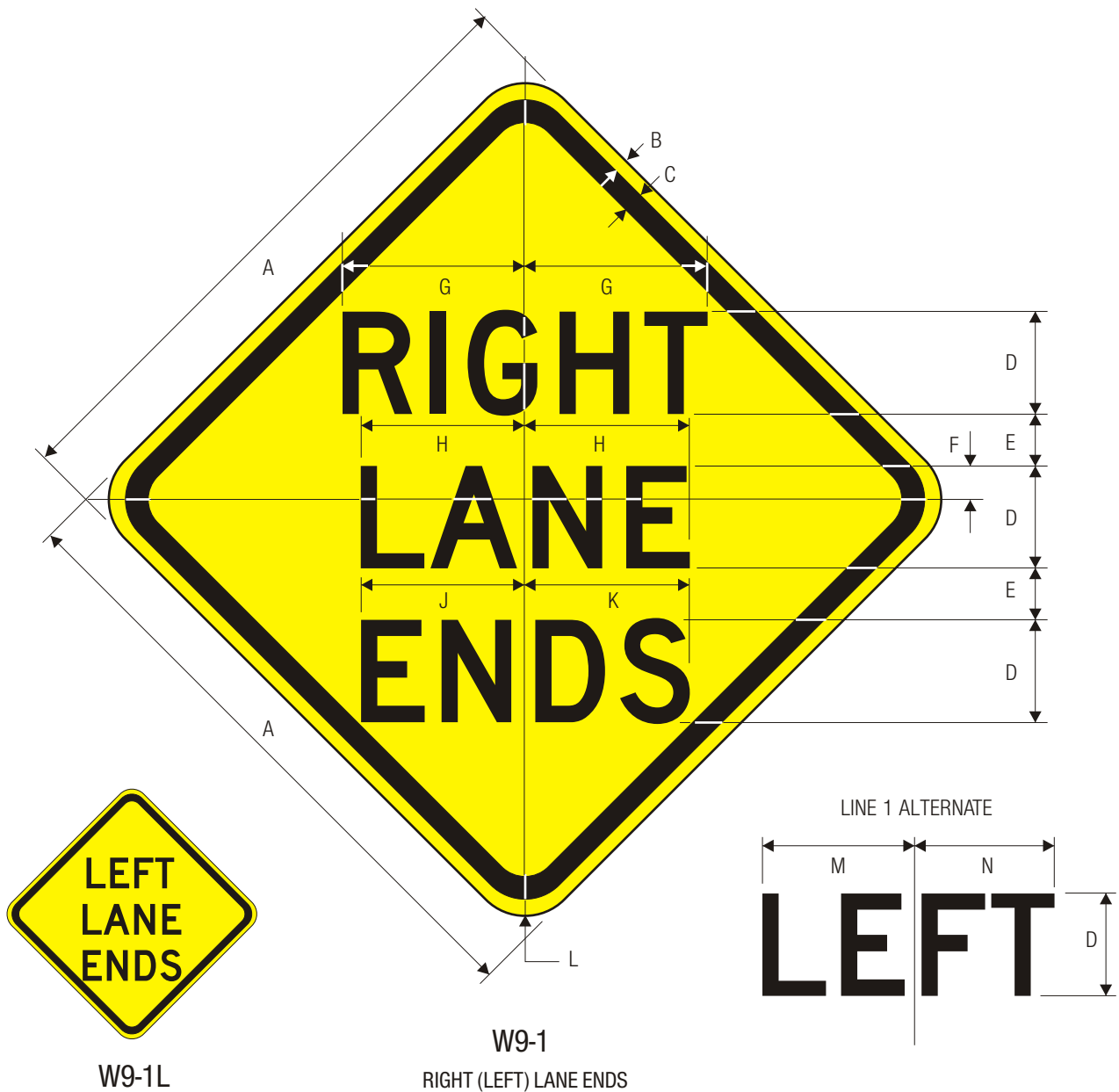


W8-26
RUMBLE STRIPS AHEAD

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

COLORS

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

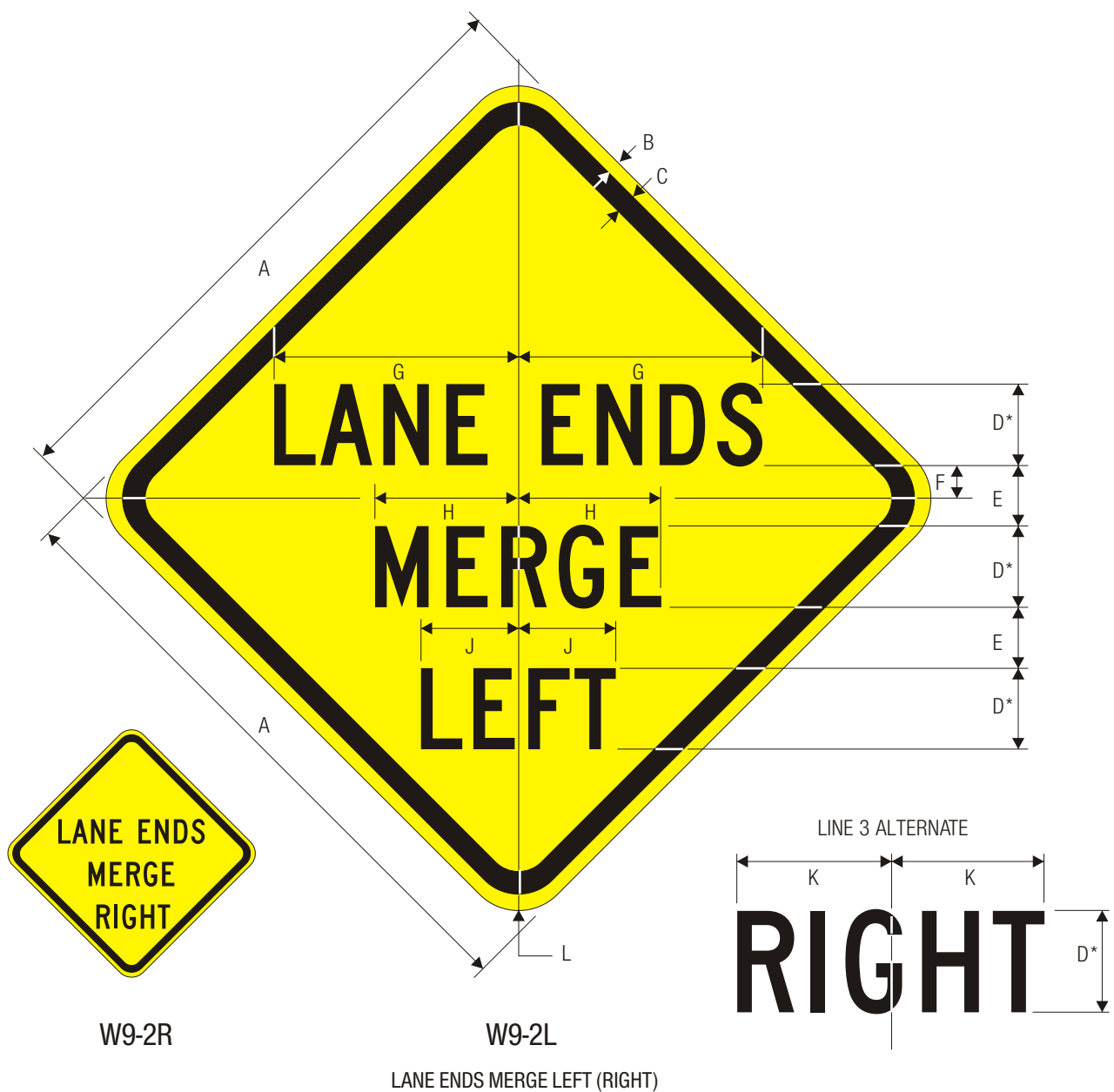


A	B	C	D	E	F	G	H	J	K	L
24	.375	.625	4 D	2	1.5	7.375	6.438	6.125	6.813	1.5
30	.5	.75	5 D	2.5	1.5	9.188	8.063	7.625	8.563	1.875
36	.625	.875	6 D	3	2	11	9.688	9	10.375	2.25
48	.75	1.25	8 D	4	3	14.75	12.875	12.25	13.625	3

M	N
5.75	6
7.125	7.563
8.5	9.125
11.25	12.25

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

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



*Series 2000 Standard Alphabets.

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

WARNING SIGN COLORS:

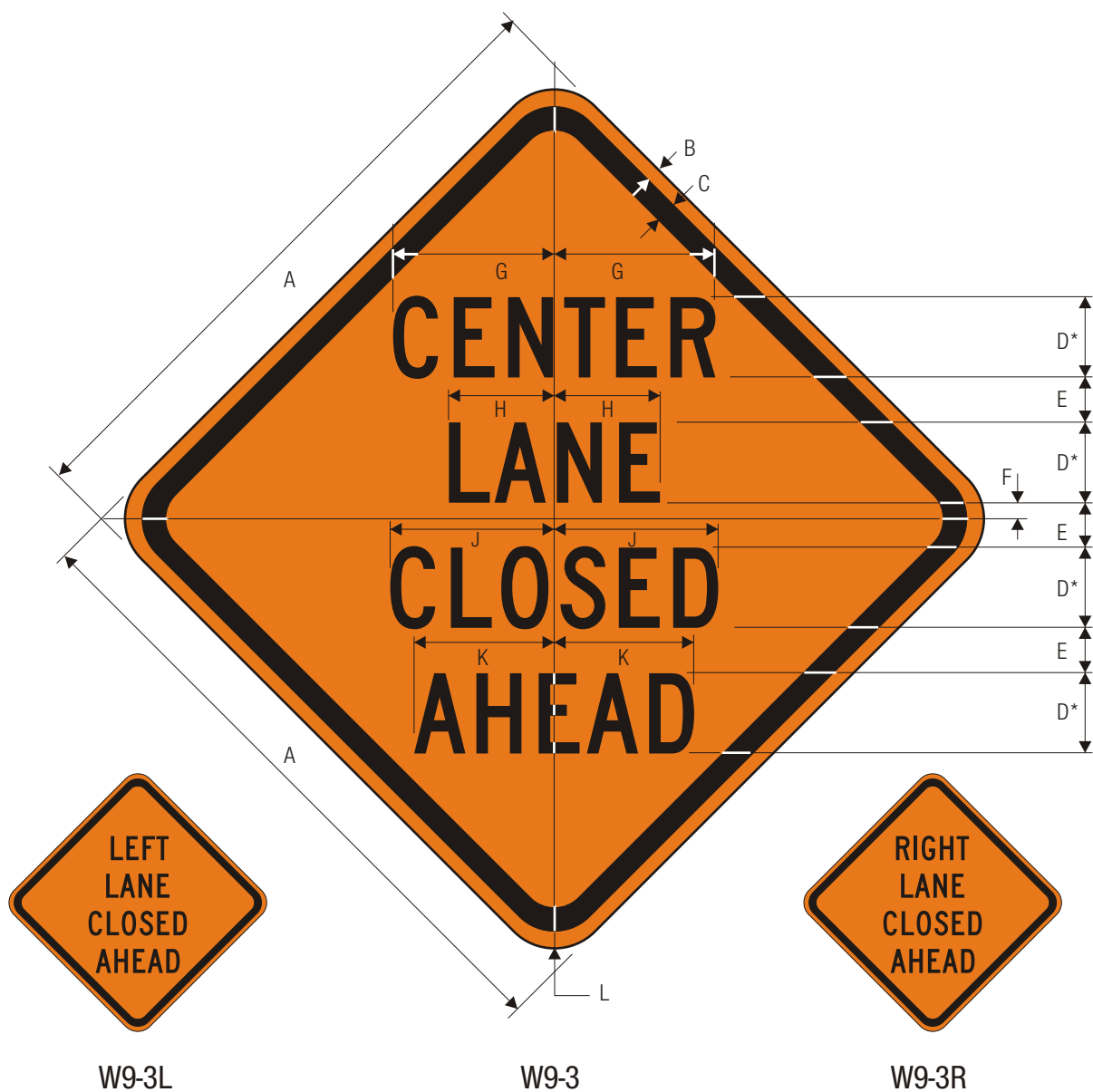
LEGEND — BLACK

BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



CENTER (RIGHT) (LEFT) LANE CLOSED AHEAD

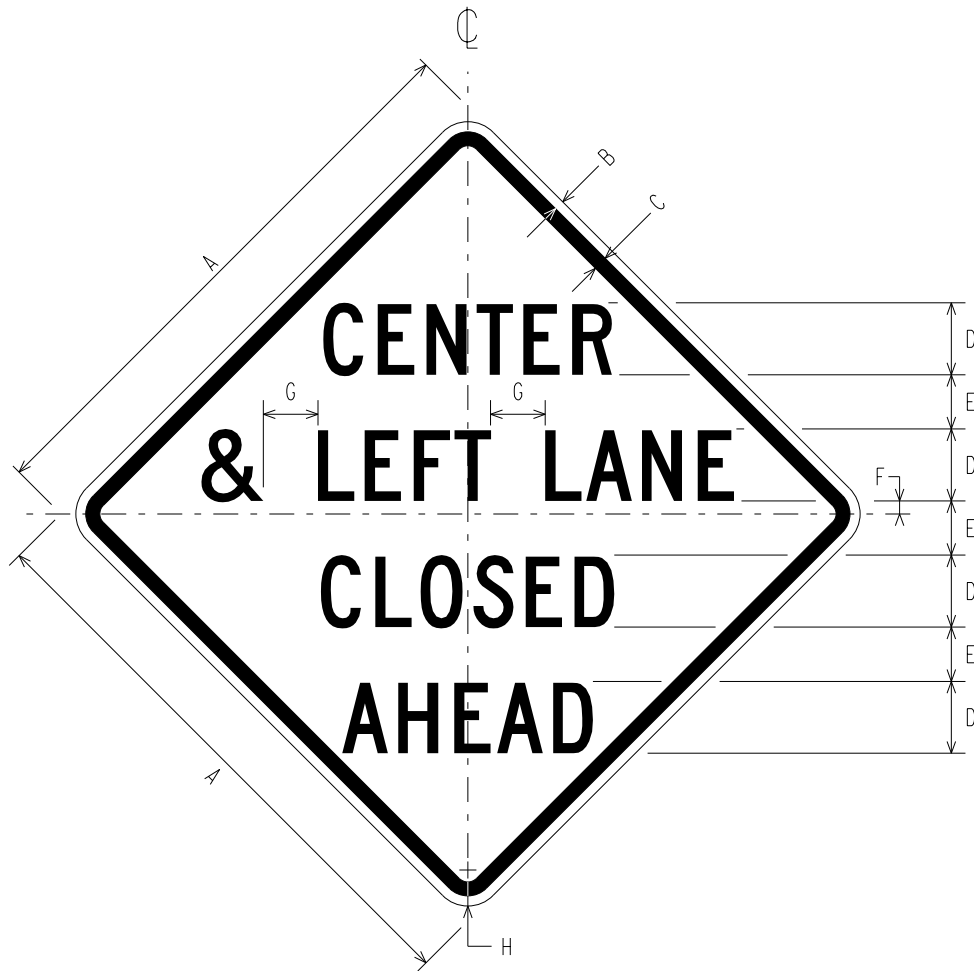
*Series 2000 Standard Alphabets.

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

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W9-3a
CENTER & LEFT LANE CLOSED AHEAD

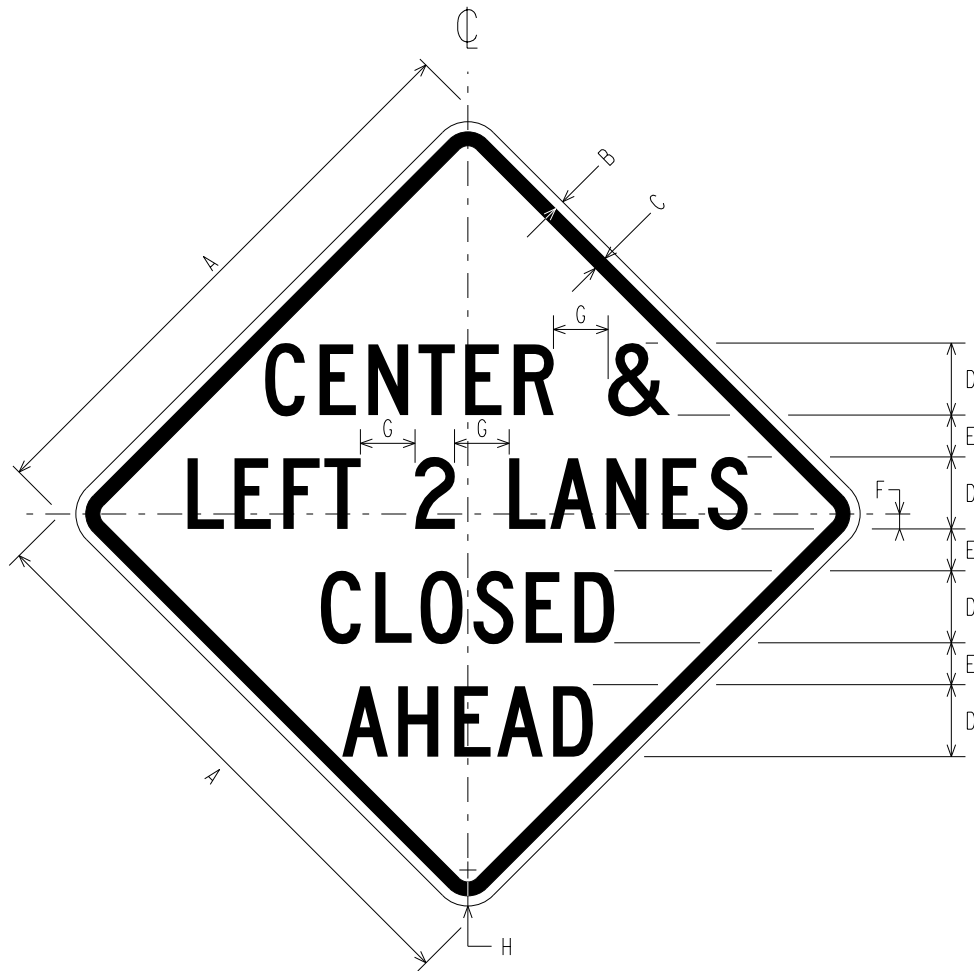
SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
URBAN	30	.5	.75	4 C	2.241	.880	2.5	1.875
RURAL	36	.625	.875	5 C	2	.680	2.5	2.25
FWY.	48	.75	1.25	6 C	4.523	1.080	4.5	3
OVERSIZED	60	.75	1.25	8 C	5.203	1.641	6	3

COLORS

SYMBOL AND BORDER - BLACK (NON-REFL.)

BACKGROUND - ORANGE (REFL.)

CENTRALLY LOCATE ALL LEGENDS



W9-3b
CENTER & LEFT 2 LANES CLOSED AHEAD

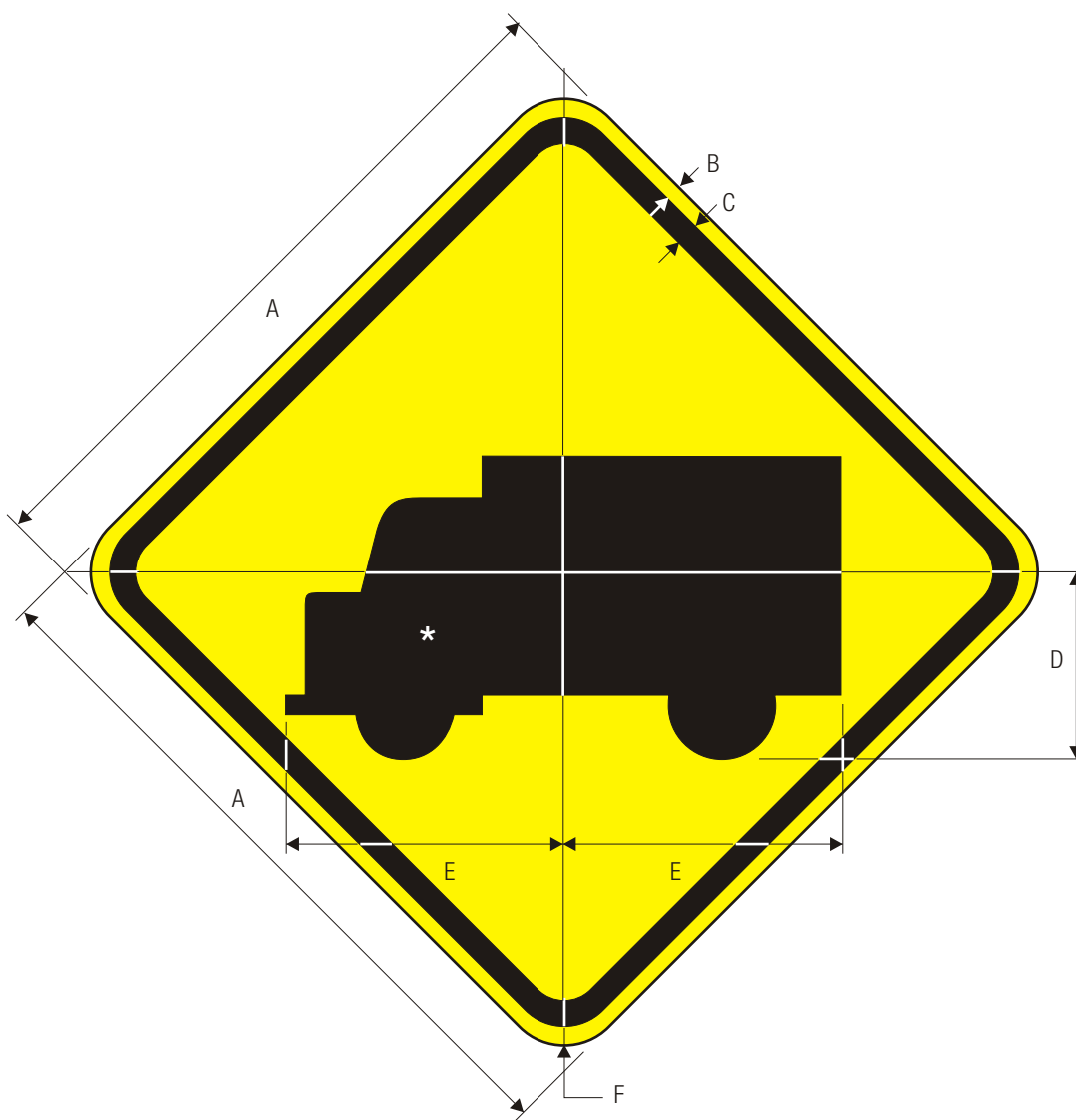
SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
URBAN	30	.5	.75	4 C	1.5	1.005	3	1.875
RURAL	36	.625	.875	5 C	1.5	1.245	3	2.25
FWY.	48	.75	1.25	6 C	3.5	1.25	4.5	3
OVERSIZED	60	.75	1.25	8 C	3.5	2.245	6	3

COLORS

SYMBOL AND BORDER - BLACK (NON-REFL.)

BACKGROUND - ORANGE (REFL.)

CENTRALLY LOCATE ALL LEGENDS



W11-10

TRUCK CROSSING

*See page 6-4 for symbol design.

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

WARNING SIGN COLORS:

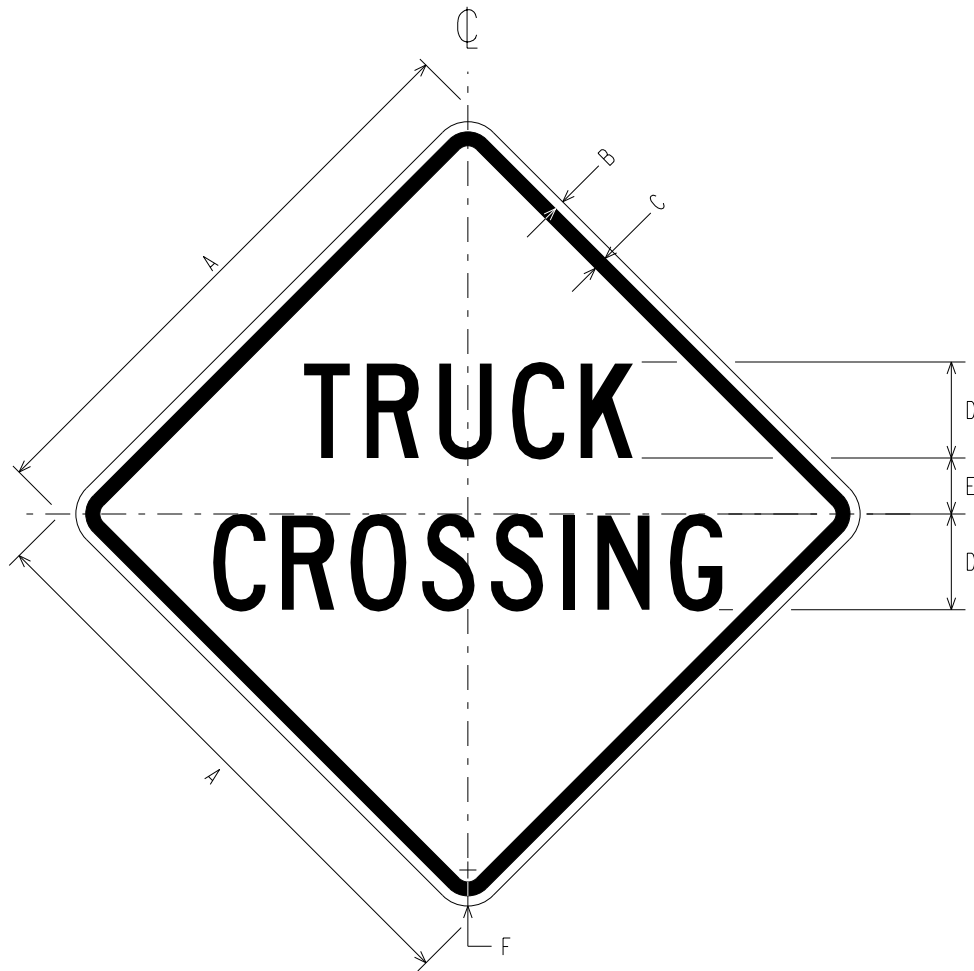
SYMBOL — BLACK

BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

SYMBOL — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



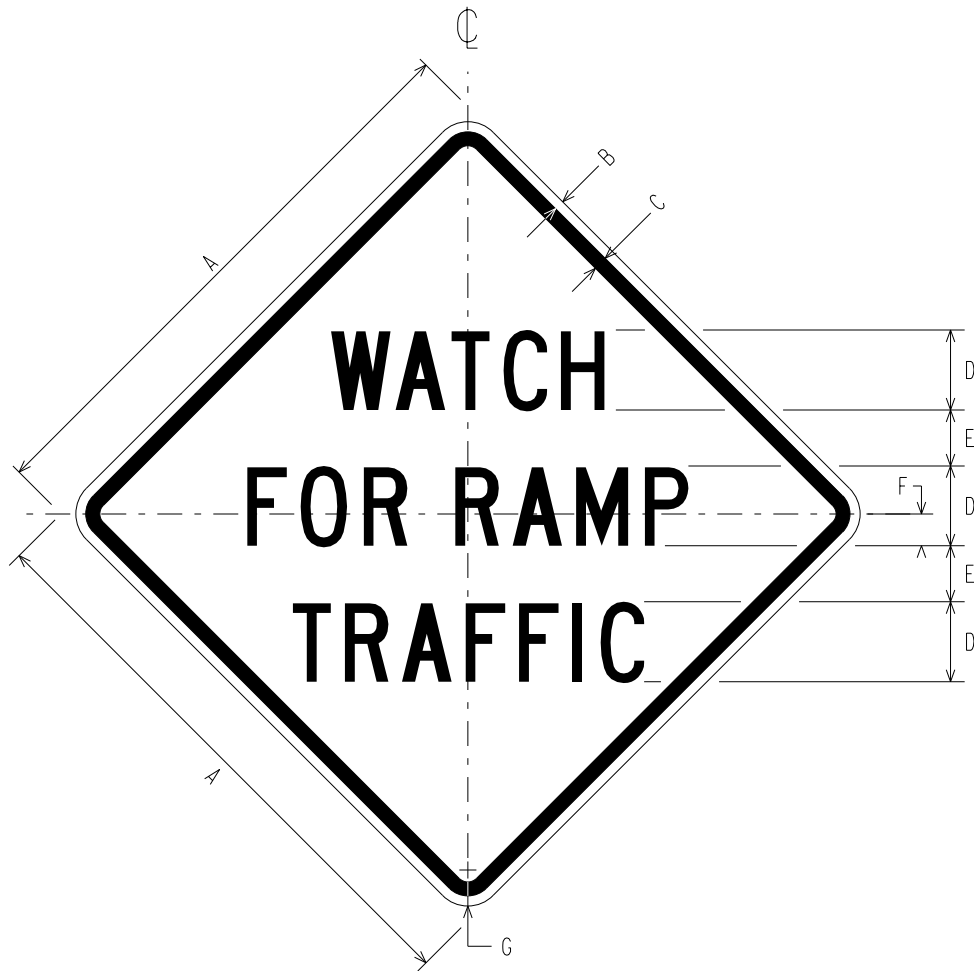
W11-10a
TRUCK CROSSING TEXT

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

COLORS

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

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



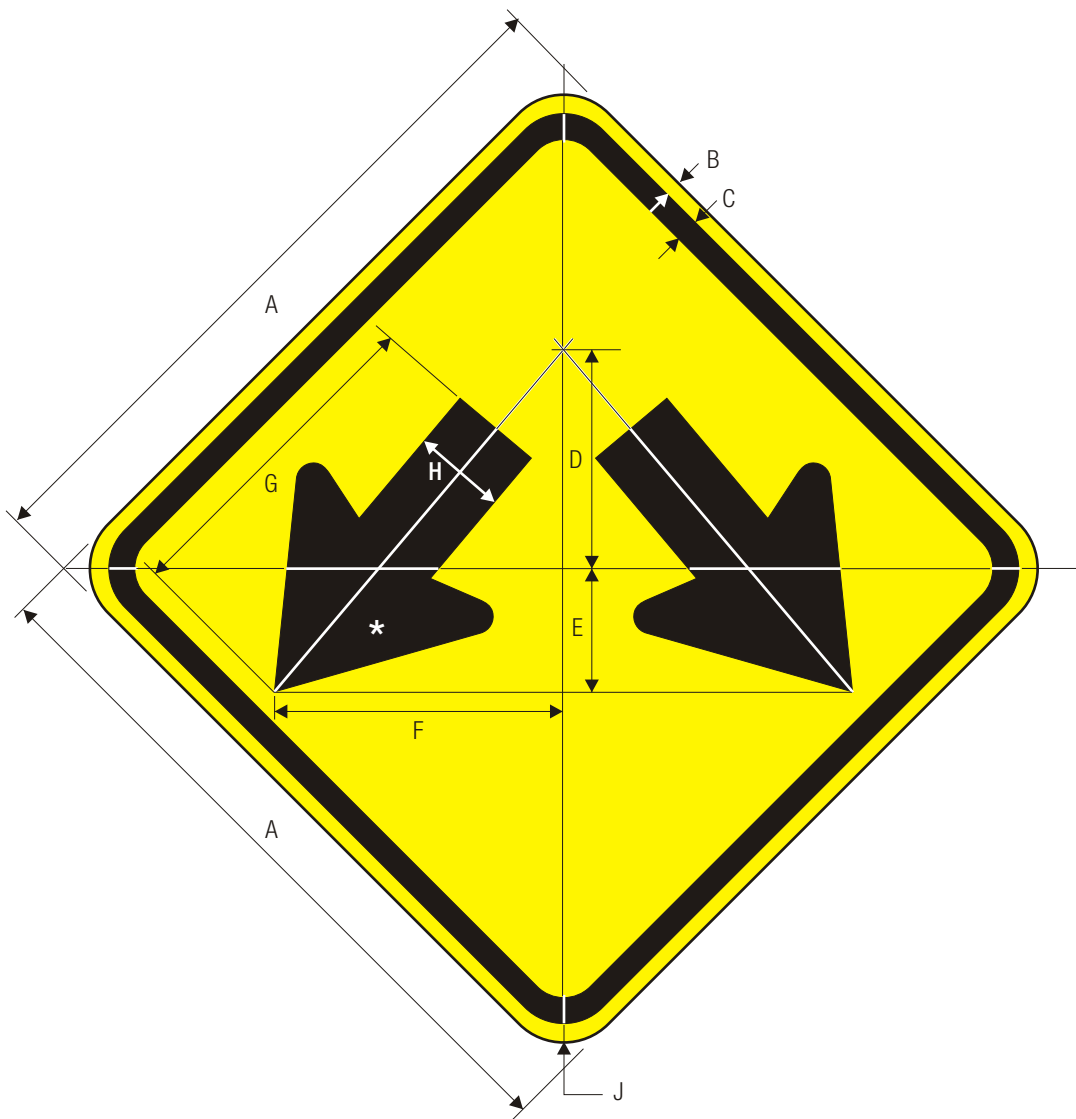
W11-24
WATCH FOR RAMP TRAFFIC

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

COLORS

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

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



W12-1
DOUBLE ARROW

*See page 6-2 for symbol design.

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

WARNING SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W12-2
LOW CLEARANCE

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

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

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

WARNING SIGN COLORS:

SYMBOL & LEGEND—BLACK
 BACKGROUND —YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

SYMBOL & LEGEND—BLACK
 BACKGROUND —ORANGE (RETROREFLECTIVE)



W13-1P

ADVISORY SPEED (ENGLISH)

*Series 2000 Standard Alphabets.

**Optically space numerals about vertical centerline.

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

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W13-2

ADVISORY SPEED (ENGLISH)

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

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

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

WARNING SIGN COLORS:

LEGEND — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
 BACKGROUND — ORANGE (RETROREFLECTIVE)



W13-3

ADVISORY RAMP SPEED

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

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

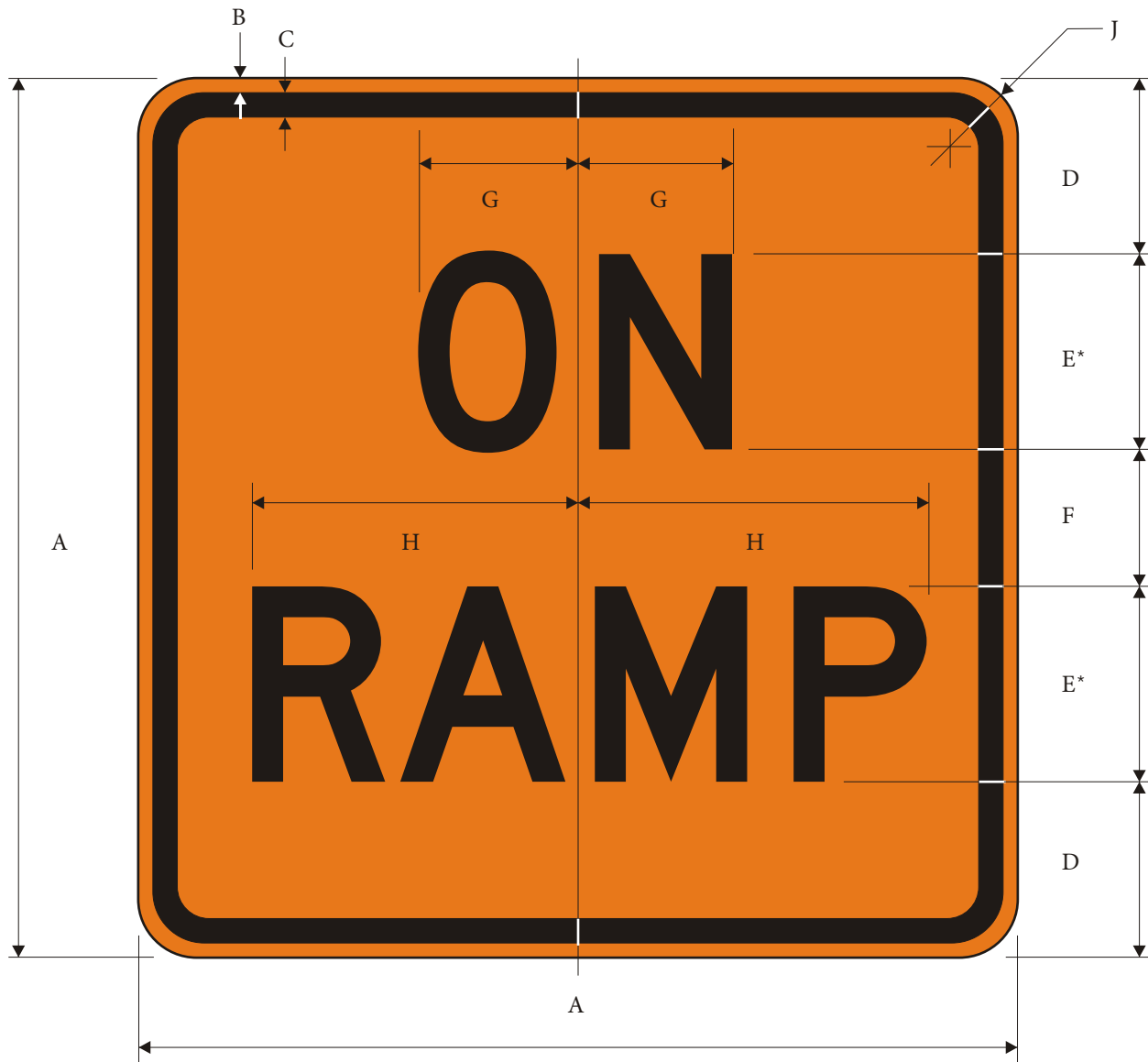
N	P	Q
8.5	5.313	1.5
12.75	7.063	2.25
17	10.625	3

WARNING SIGN COLORS:

LEGEND — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
 BACKGROUND — ORANGE (RETROREFLECTIVE)



W13-4P

ON RAMP

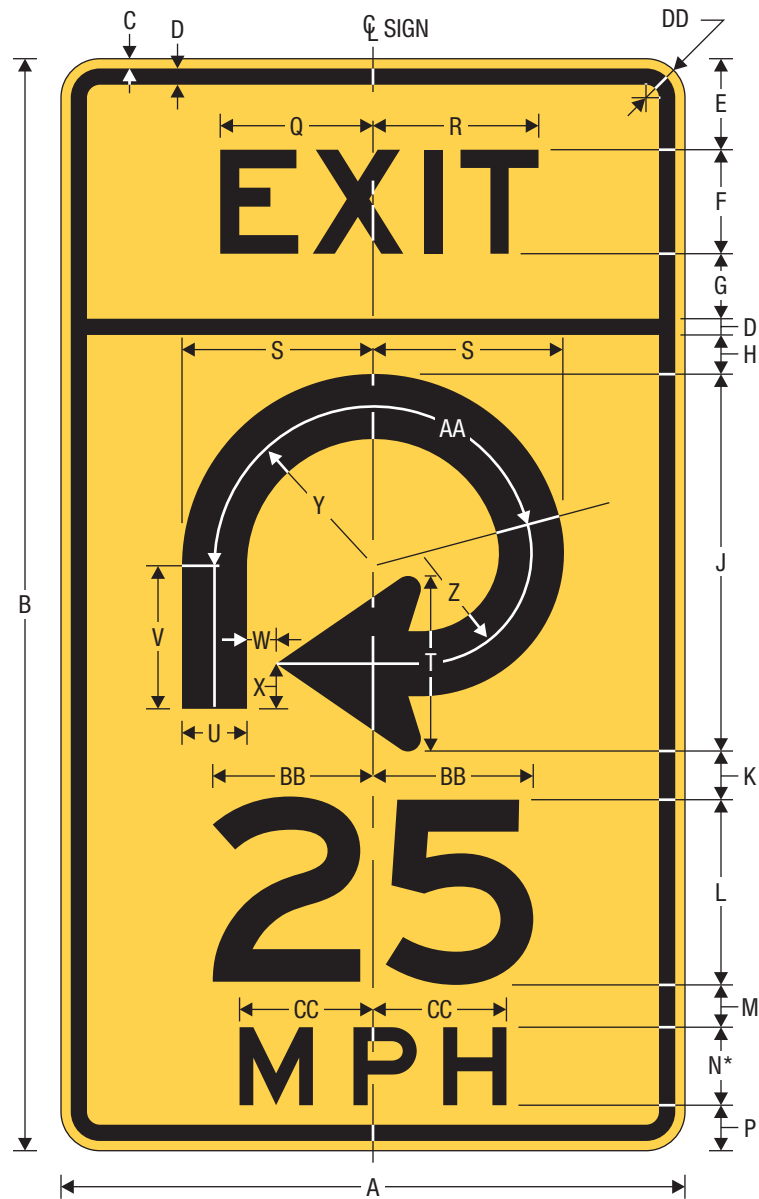
*Series 2000 Standard Alphabets.

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

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W13-6

COMBINATION HORIZONTAL ALIGNMENT/ ADVISORY EXIT SPEED

* Increase character spacing 100%.

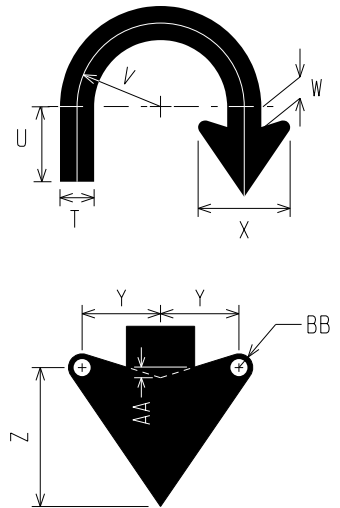
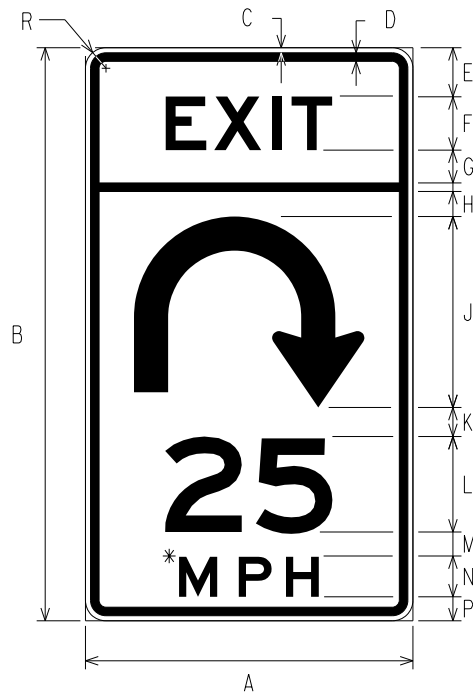
A	B	C	D	E	F	G	H	J	K	L	M	N	P
24	42	0.375	0.625	3.5	4 E	2.5	1.5	14.515	1.875	7 E	1.75	3 E	1.75
36	60	0.625	0.875	3.5	6 E	2.5	2	22.531	2.25	10 E	2.75	4.5 E	3.094
48	84	0.75	1.25	7	8 E	5	3	29.029	3.75	14 E	3.5	6 E	3.5
Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD
5.875	6.367	7.343	6.75	2.5	5.5	1.125	1.735	6.125	4.25	165°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

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



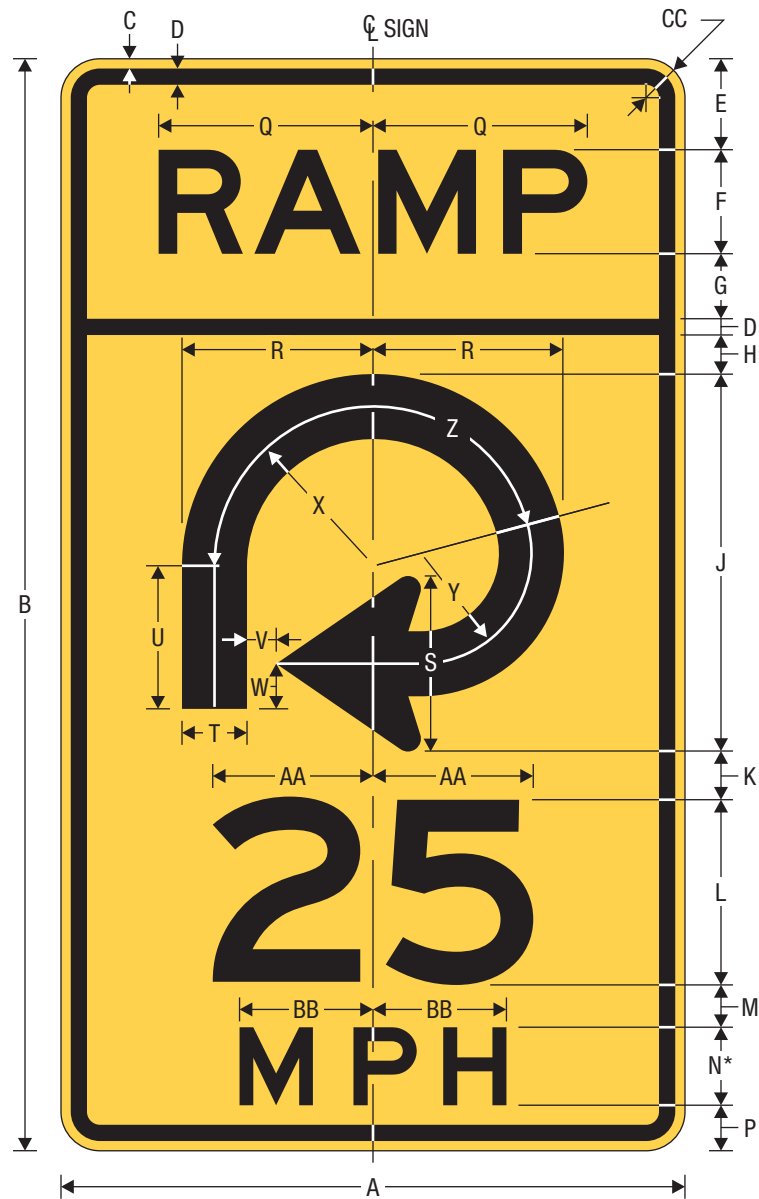
W13-6a
EXIT ADVISORY SPEED 180 DEGREES

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

COLORS

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

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



W13-7

COMBINATION HORIZONTAL ALIGNMENT/ ADVISORY RAMP SPEED

* Increase character spacing 100%.

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

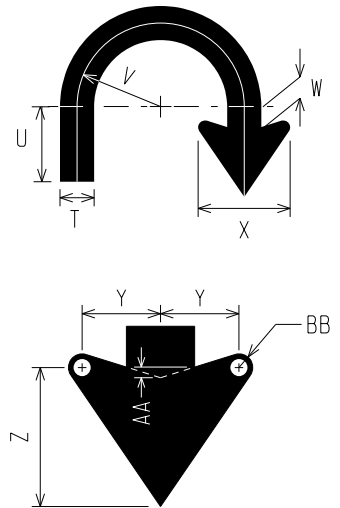
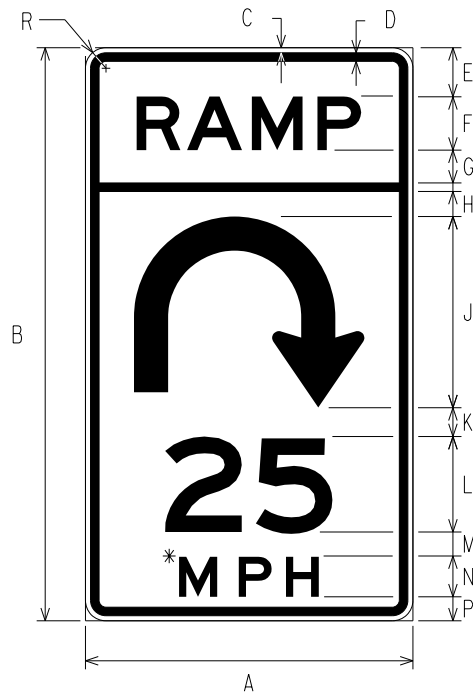
Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC
8.245	7.343	6.75	2.5	5.5	1.125	1.735	6.125	4.25	165°	VAR	5.133	1.5
12.367	11.386	10.5	3.875	8.5	1.75	2.702	9.5	6.625	165°	VAR	7.698	2.25
16.489	14.686	13.5	5	11	2.25	3.471	12.25	8.5	165°	VAR	10.265	3

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W13-7a
RAMP ADVISORY SPEED 180 DEGREES

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

COLORS

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

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



W14-3

NO PASSING ZONE

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

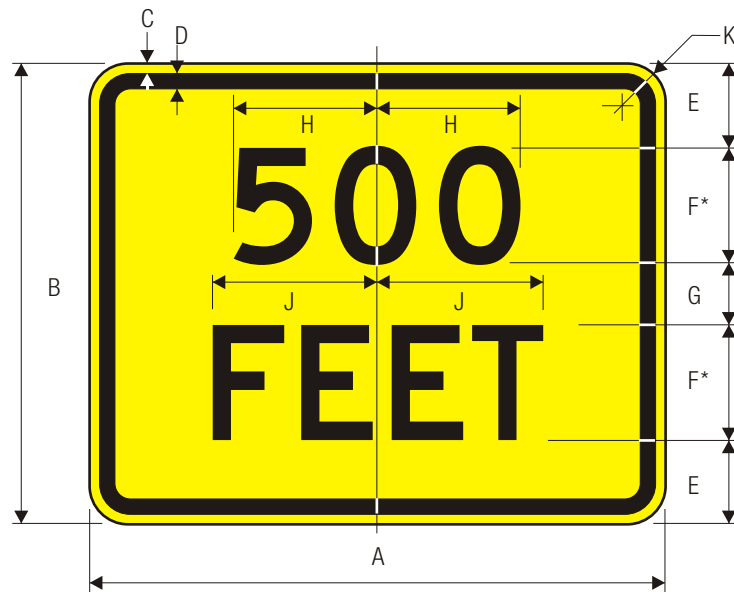
A	B	C	D	E	F	G	H	J	K	L	M	N
36	24	.5	.75	5.75	3 D	3 C	1.75	2.375	1.875	4	15.75	8.313
40	30	.5	.75	7.25	4 D	4 C	1.75	2.5	1.875	6.5	22.563	11.063
48	36	.625	.875	8.5	5 D	5 C	2	3	2.25	8	268.13	12.75
64	48	.75	1.25	12	6 D	6 C	3	4	3	10.75	33.688	16.563

WARNING SIGN COLORS:

LEGEND — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
 BACKGROUND — ORANGE (RETROREFLECTIVE)



W16-2P

500 FEET (2 LINE)

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

WARNING SIGN COLORS:

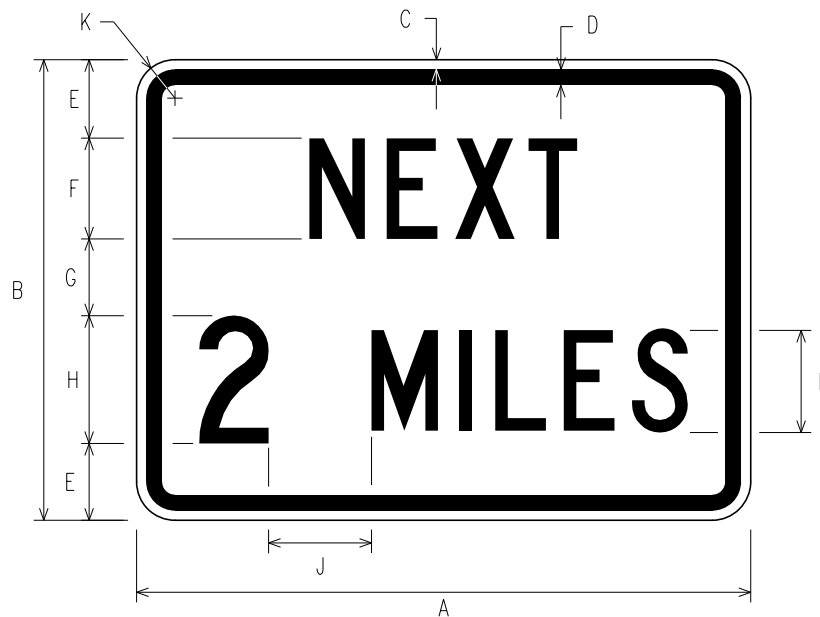
LEGEND — BLACK

BACKGROUND— YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)

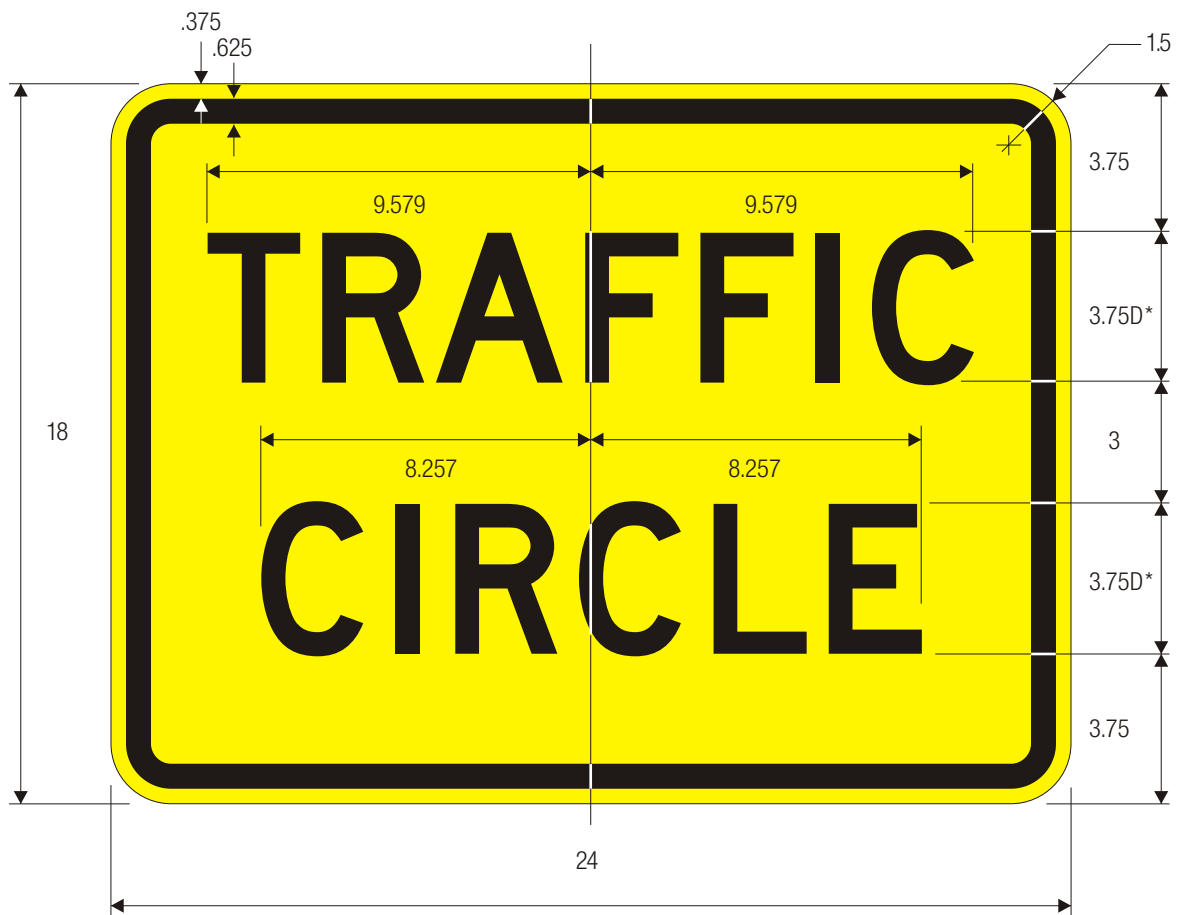


W16-4aP
NEXT X MILES (TWO LINES)

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

COLORS

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



W16-12P

TRAFFIC CIRCLE PLAQUE

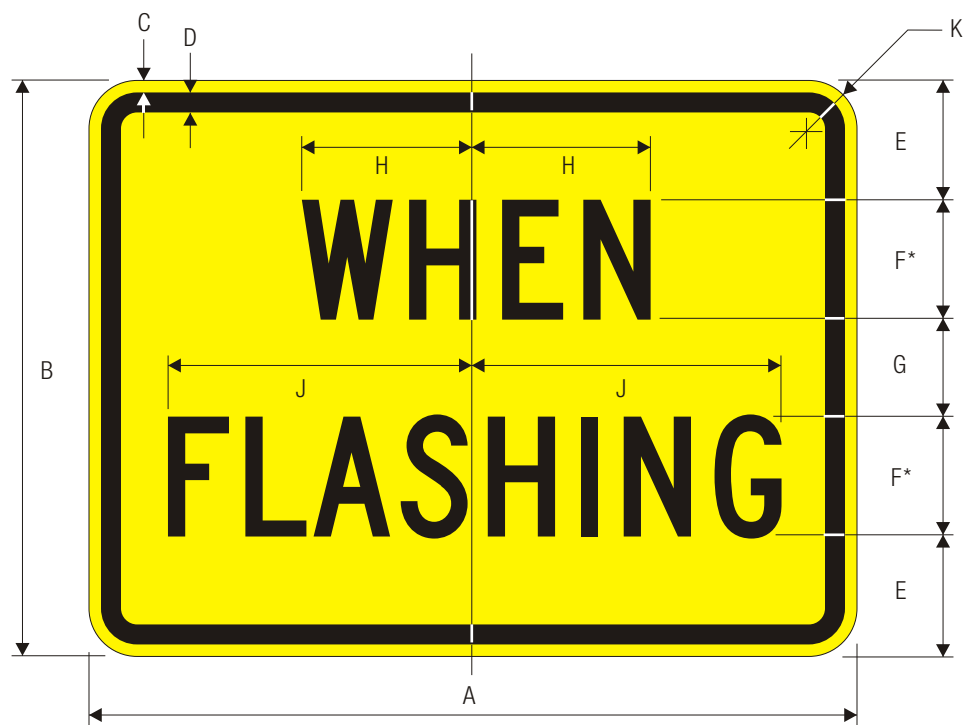
*Series 2000 Standard Alphabets.

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W16-13P

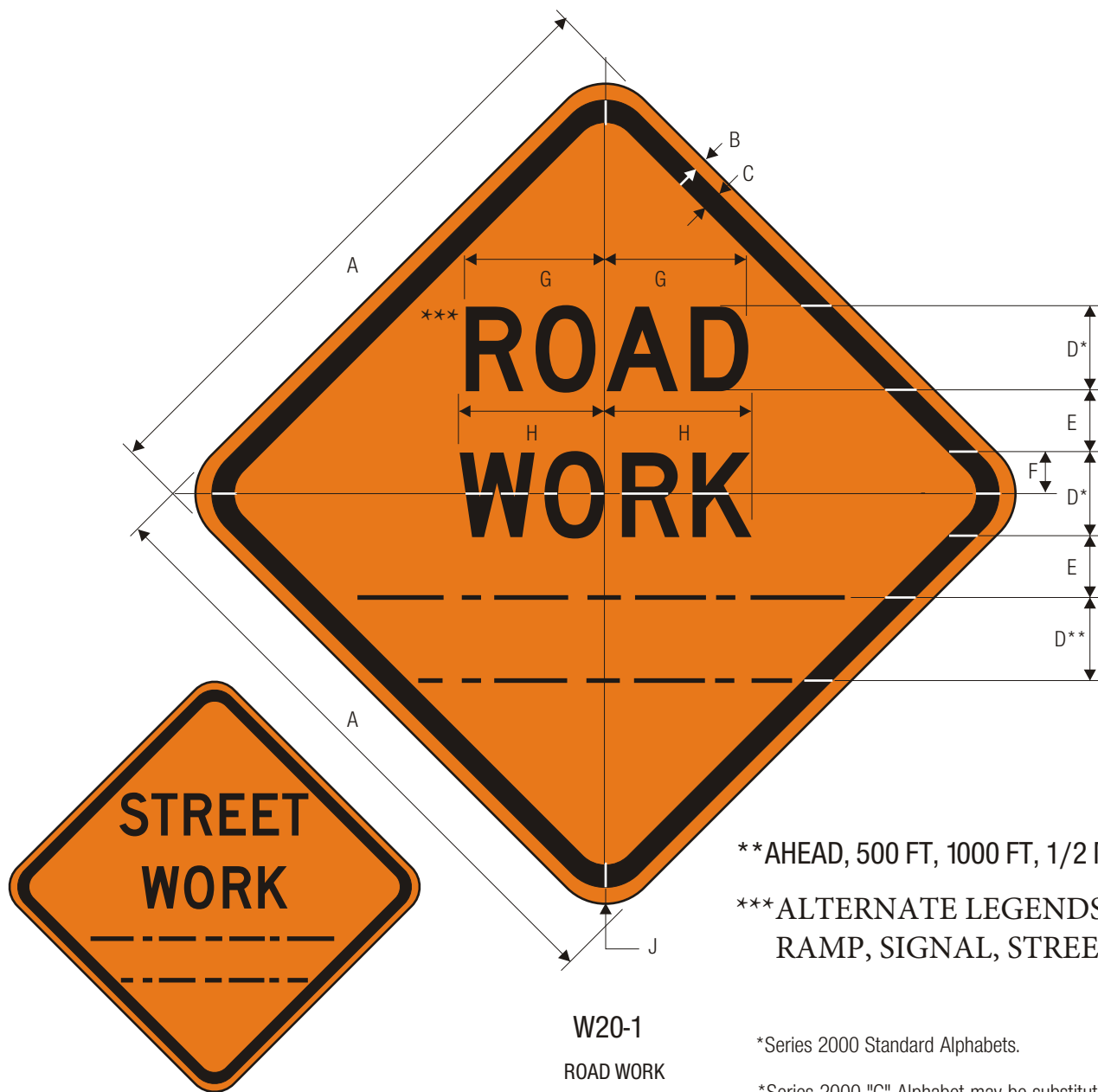
WHEN FLASHING

*Series 2000 Standard Alphabets

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

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

COLORS: LEGEND — BLACK
BACKGROUND— YELLOW (RETROREFLECTIVE)



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

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

*Series 2000 Standard Alphabets.

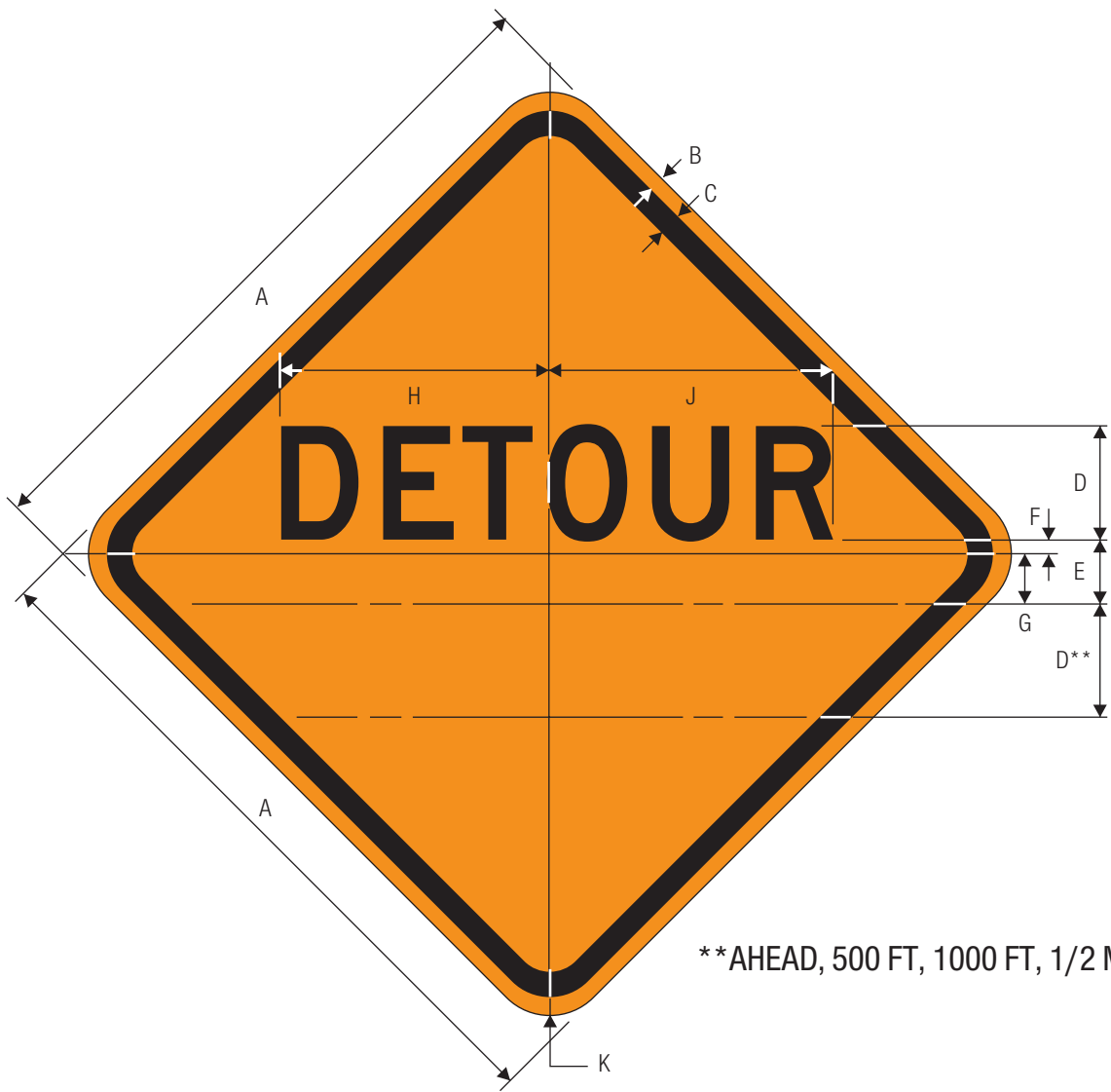
*Series 2000 "C" Alphabet may be substituted where
space limitations occur due to length of word message.

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

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



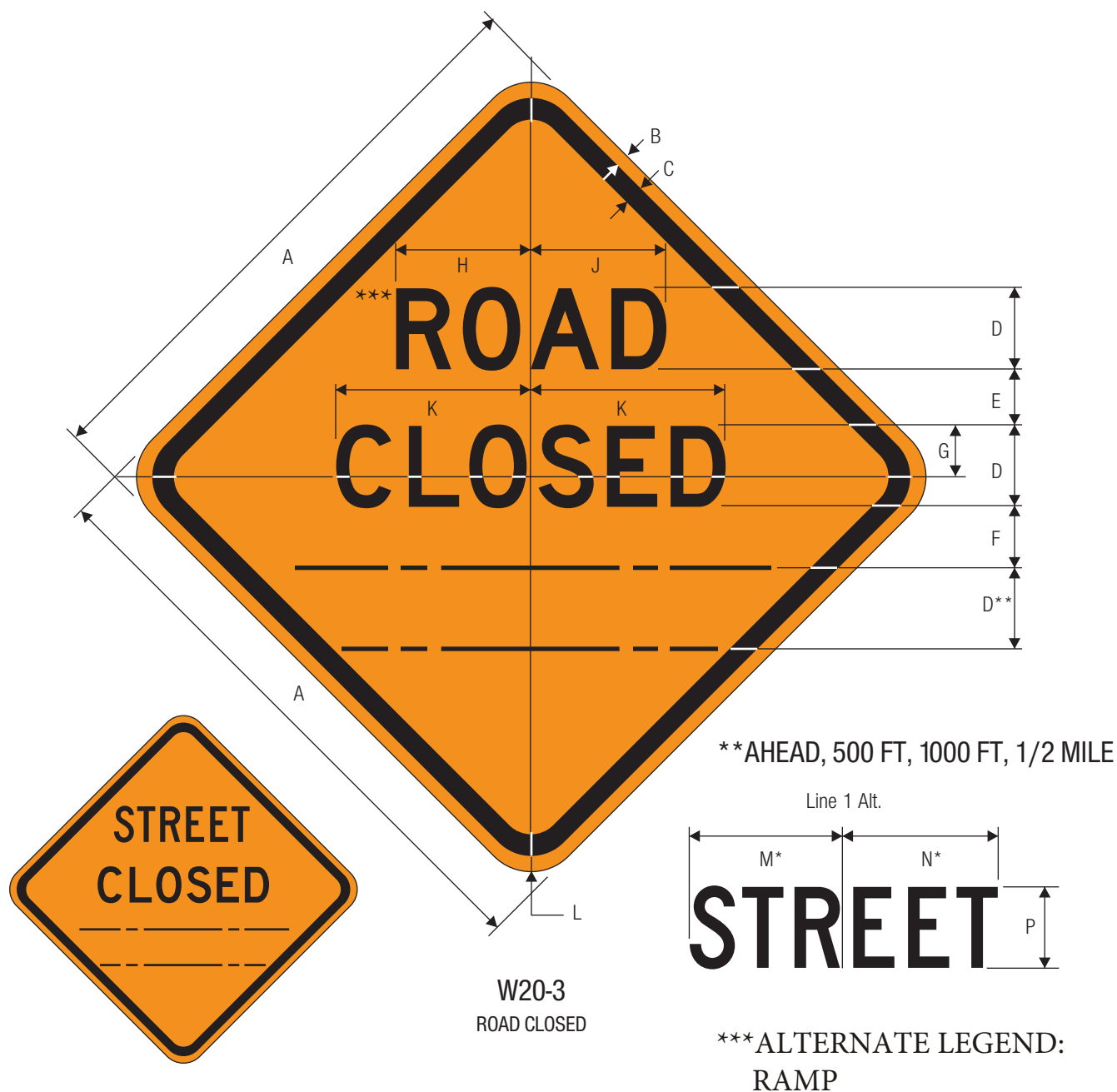
**AHEAD, 500 FT, 1000 FT, 1/2 MILE

W20-2
DETOUR

* Reduce character spacing 40%.

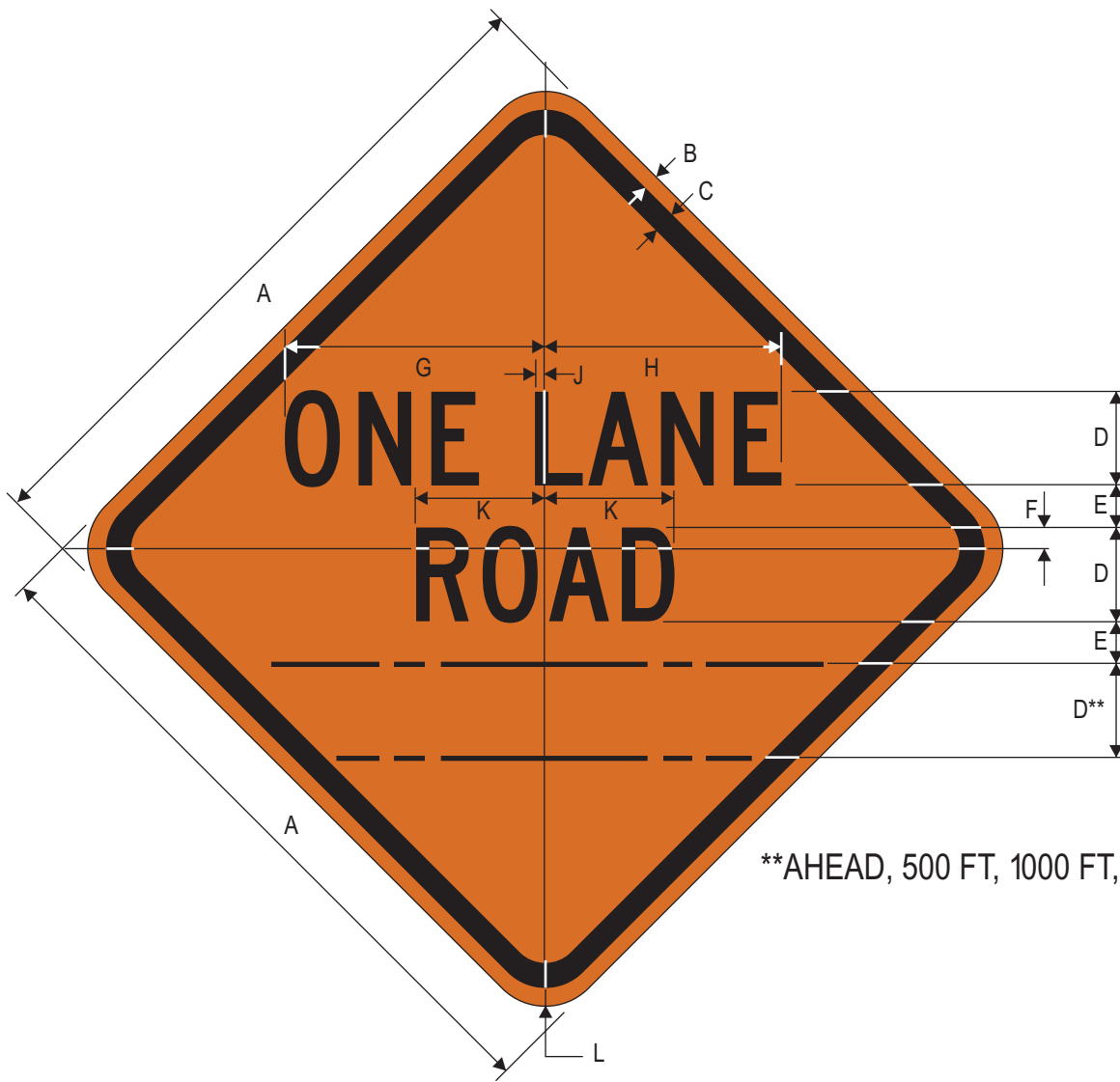
A	B	C	D	E	F	G	H	J	K
30	.5	.75	5 D*	3	2.25	.75	11.25	11.386	1.875
36	.625	.875	6 D*	3.5	.875	2.625	13.5	13.75	2.25
48	.75	1.25	8 D*	4.75	1.25	3.5	18	18.438	3

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



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

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

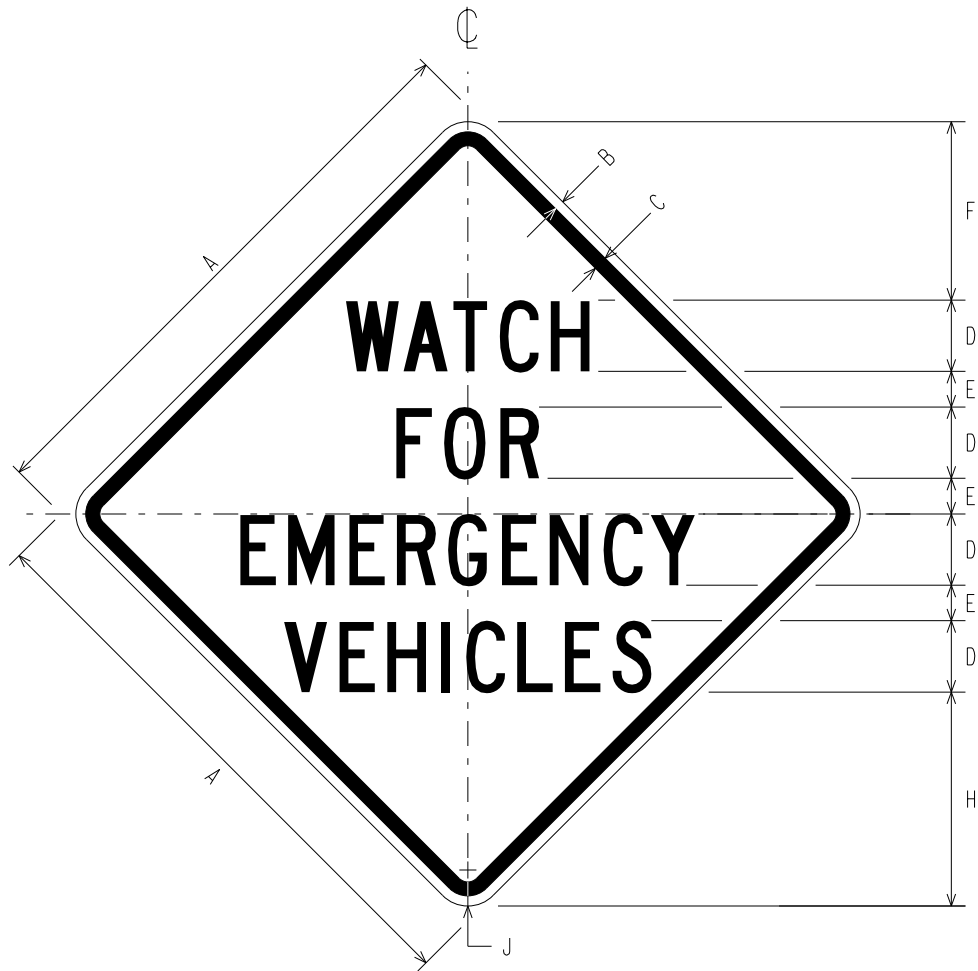


**AHEAD, 500 FT, 1000 FT, 1/2 MILE

W20-4
ONE LANE ROAD

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

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



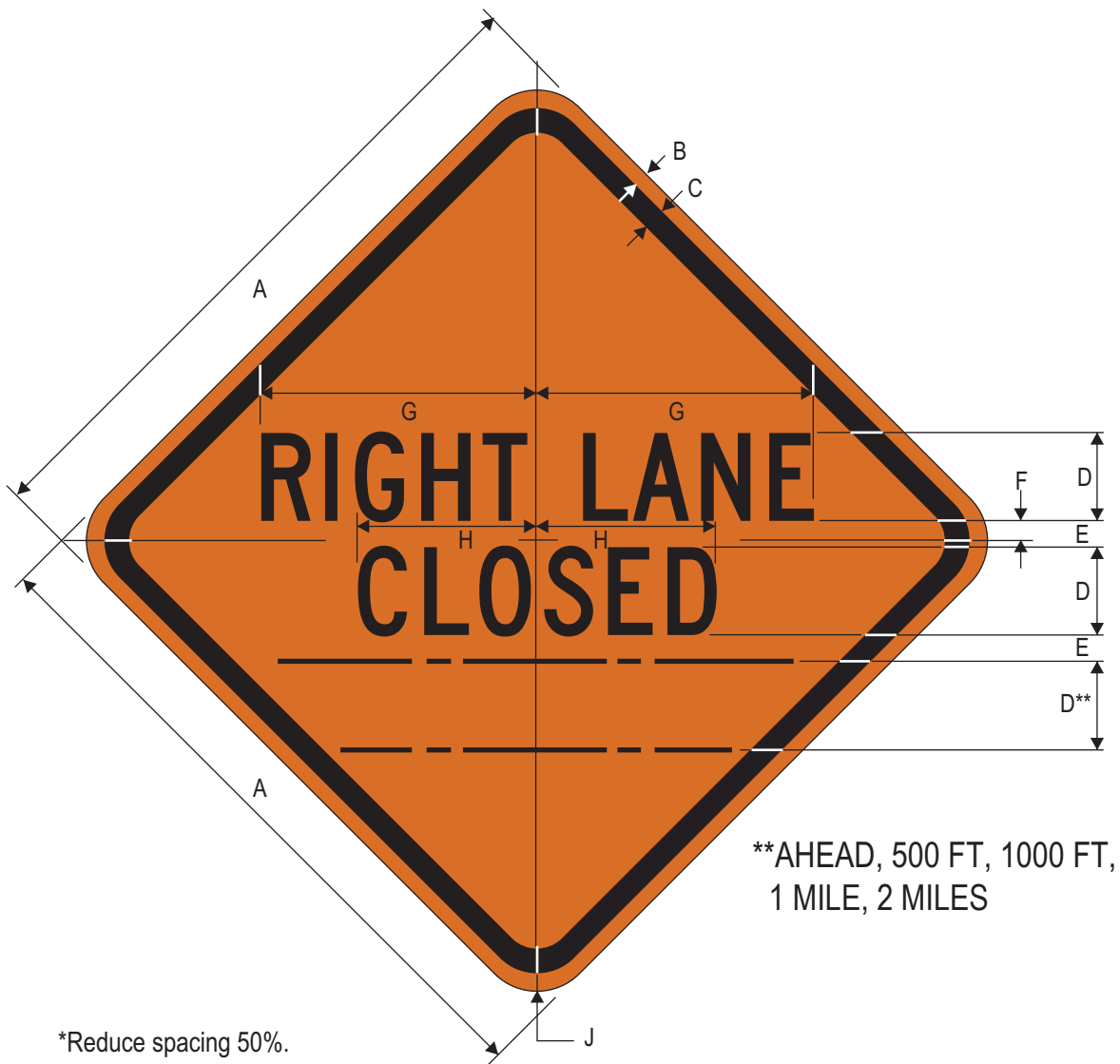
W20-4c
WATCH FOR EMERGENCY VEHICLES

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

COLORS

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

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



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

*Reduce spacing 50%.

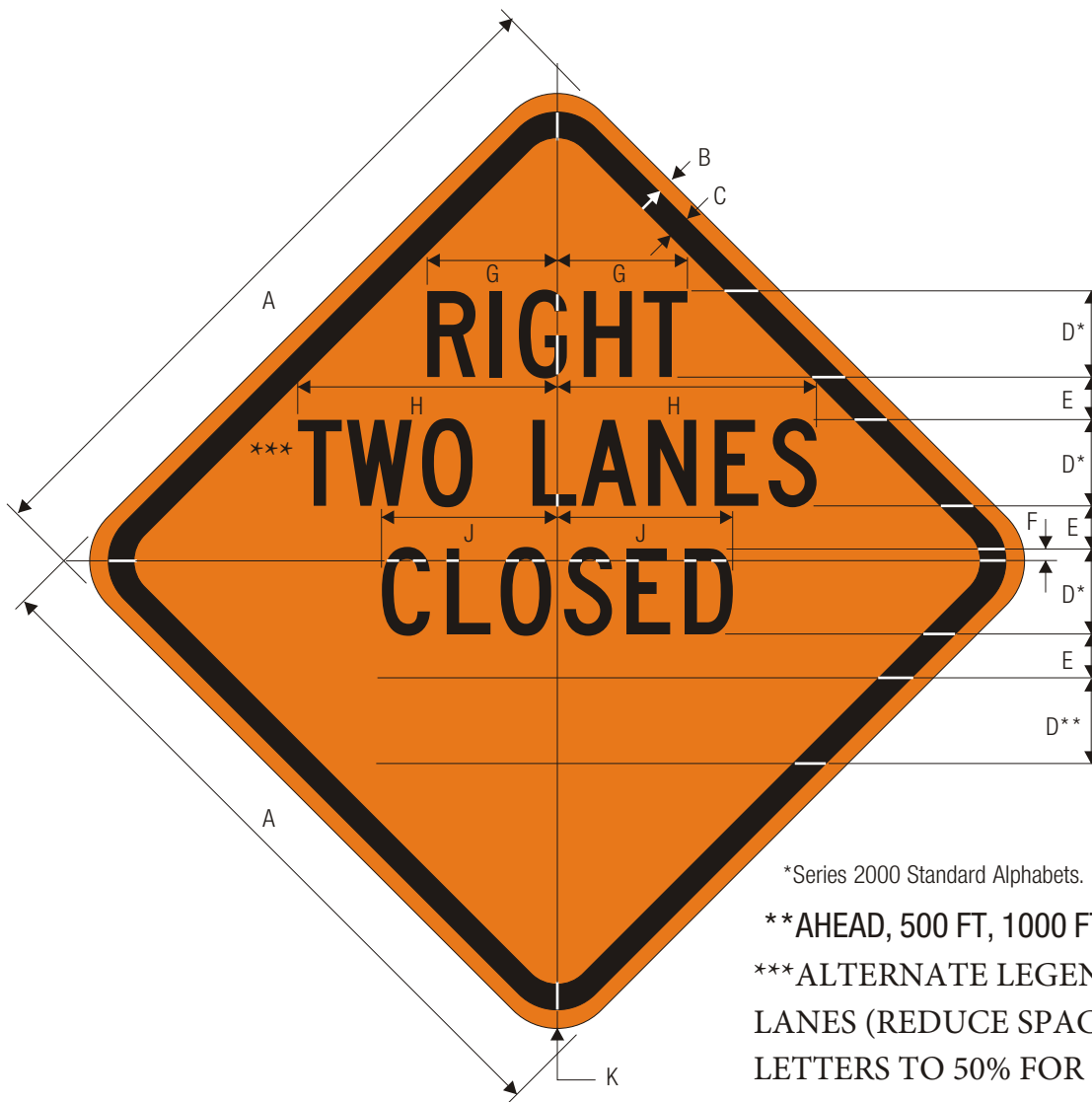
W20-5

RIGHT (CENTER) (LEFT) LANE CLOSED



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

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



*Series 2000 Standard Alphabets.

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

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

W20-5a

RIGHT (CENTER) (LEFT) TWO LANES CLOSED

LEFT

CENTER

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

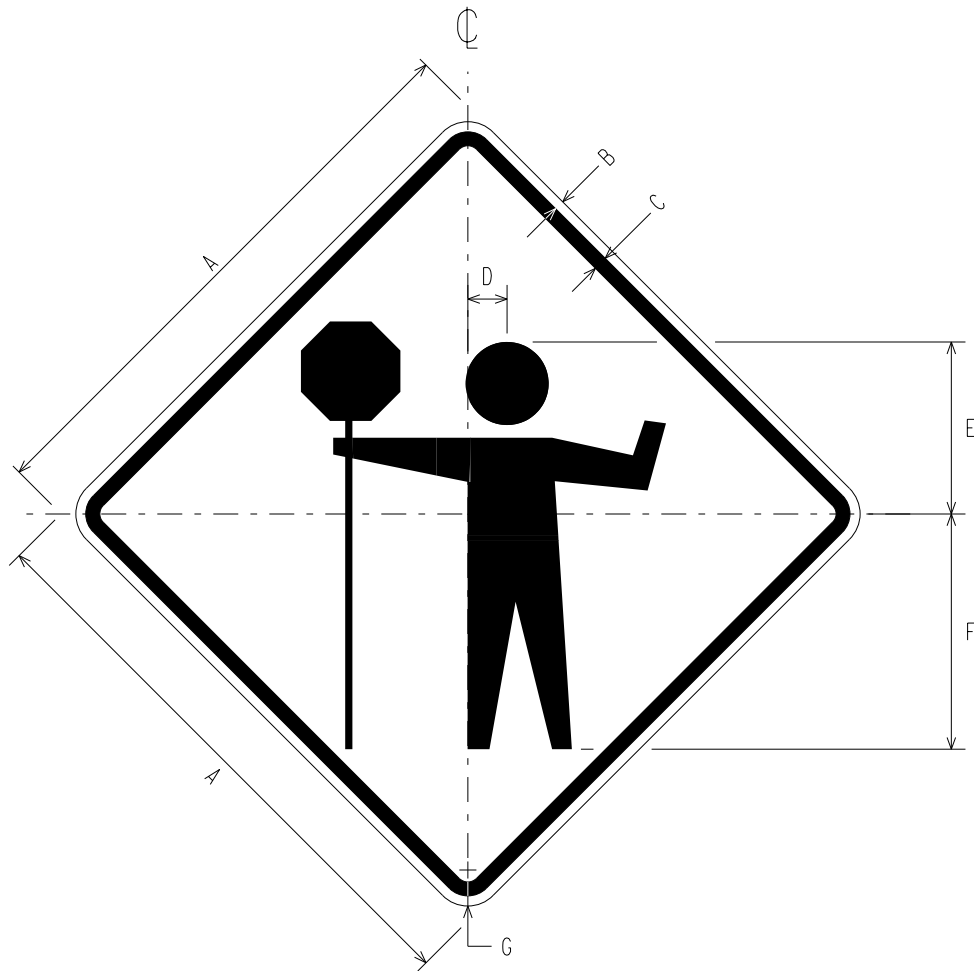
	A	B	C	D	E	F	G	H	J	K	L	M
30		.5	.75	4 C	1.521	.560	6.064	12.069	8.166	1.875	4.82	8.06
36		.625	.875	5 C	2	.720	7.565	15.091	10.207	2.25	6.025	9.05
48		.75	1.25	6 C	3	1	9.086	18.113	12.249	3	7.23	12.09

C

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W20-7a
TRAFFIC REGULATOR SYMBOL

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

COLORS

SYMBOL AND BORDER - BLACK (NON-REFL.)

BACKGROUND - ORANGE (REFL.)

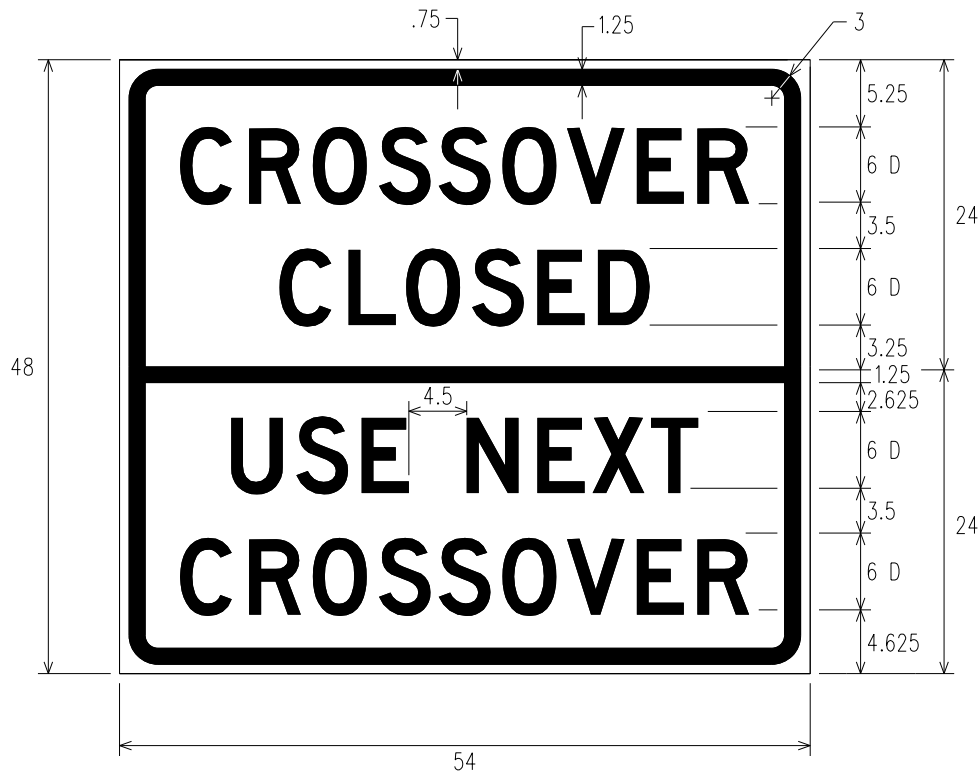
SEE APPENDIX PAGE 6-35 FOR SYMBOL DETAILS



W20-8
SIDEWALK CLOSED AHEAD

COLORS

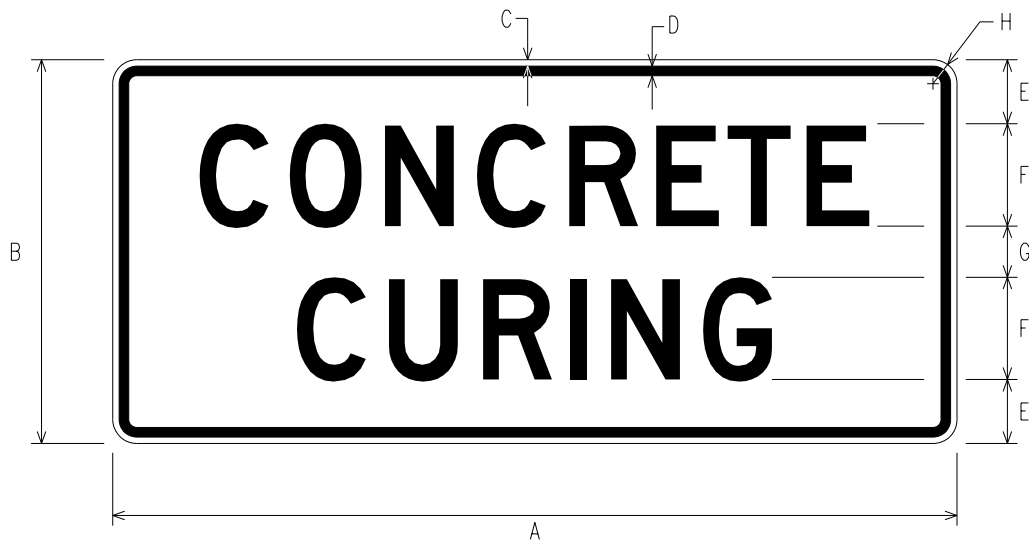
LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
CENTRALLY LOCATE ALL LEGENDS



W20-9
CROSSOVER CLOSED / USE NEXT CROSSOVER

COLORS (TOP 24")
LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - WHITE (REFL.)

COLORS (BOTTOM 24")
LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
CENTRALLY LOCATE ALL LEGENDS

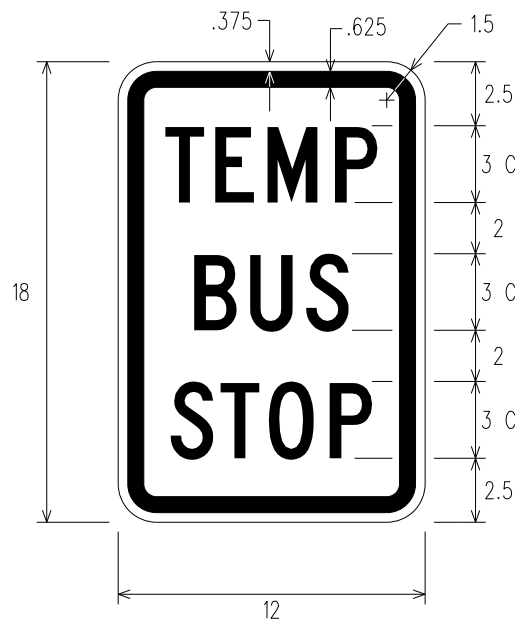


W20-10
CONCRETE CURING

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

COLORS

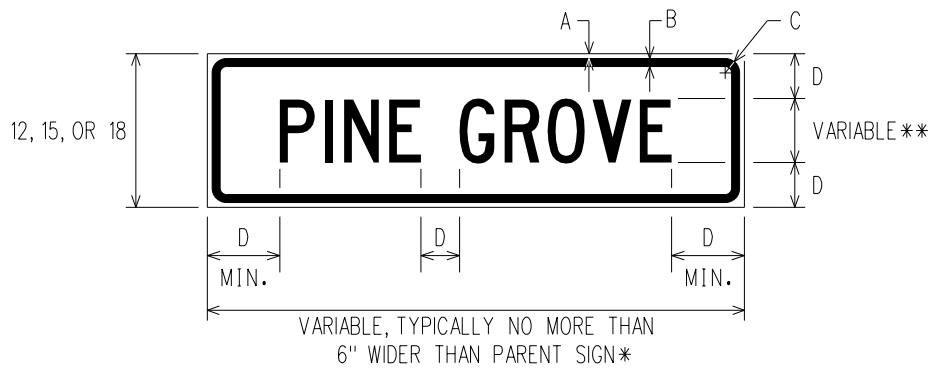
LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)
CENTRALLY LOCATE ALL LEGENDS



W20-11
TEMP BUS STOP

COLORS

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



W20-12P

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

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

COLORS

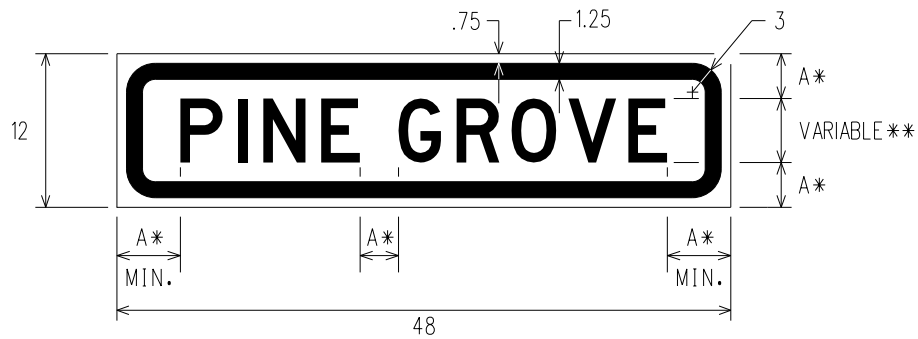
LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - ORANGE (REFL.)

CENTRALLY LOCATE ALL LEGENDS

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

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



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

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - ORANGE (REFL.)

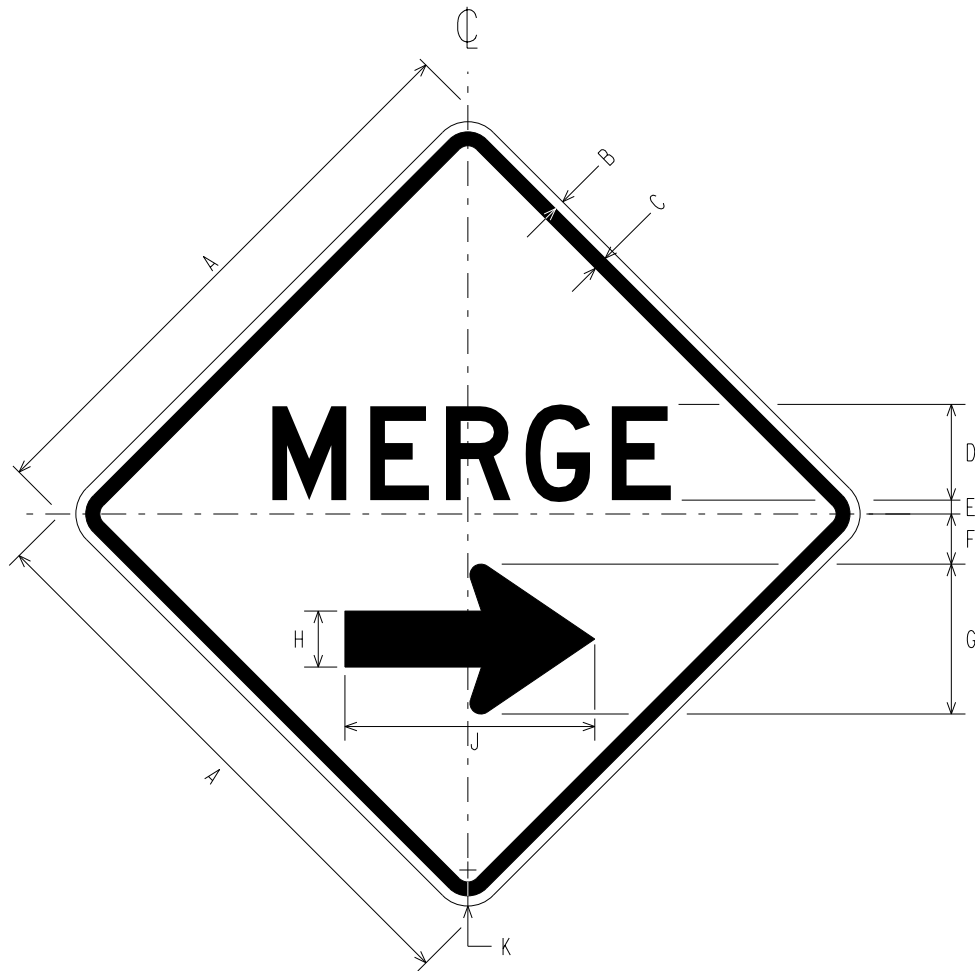
CENTRALLY LOCATE ALL LEGENDS

SIGN TO BE UTILIZED BELOW 48" DIAMOND SIGNS

*TEXT HEIGHT OR 2" LESS

**SEE APPENDIX K OF THE WORK ZONE SAFETY AND MOBILITY MANUAL

FOR FULL LIST OF SIGN DESIGN REQUIREMENTS



W20-14
LATE MERGE

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

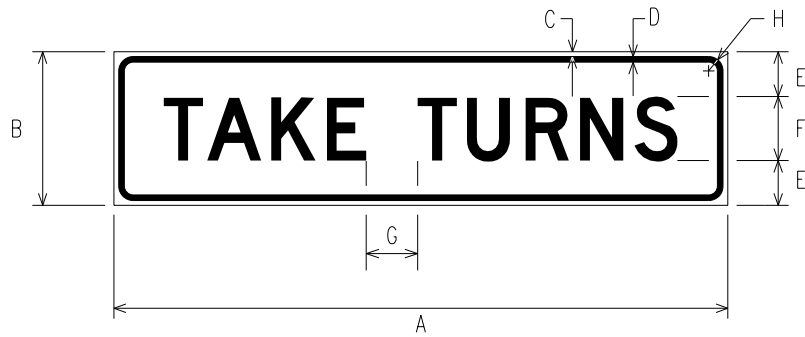
COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - ORANGE (REFL.)

CENTRALLY LOCATE ALL LEGENDS

SEE APPENDIX PAGE 6-2 FOR ARROW DETAILS

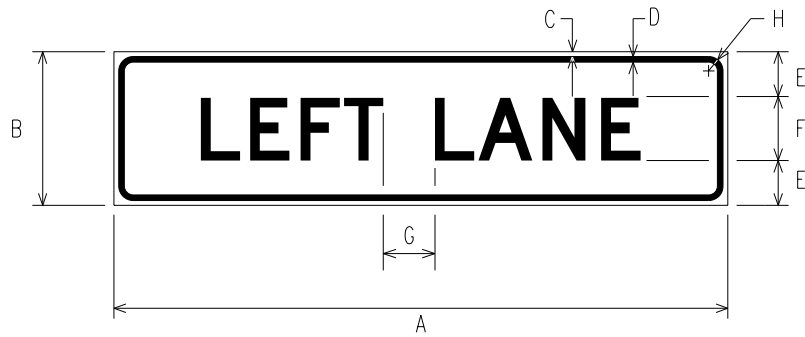


W20-14aP TAKE TURNS

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

COLORS

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



W20-14bP
LEFT LANE

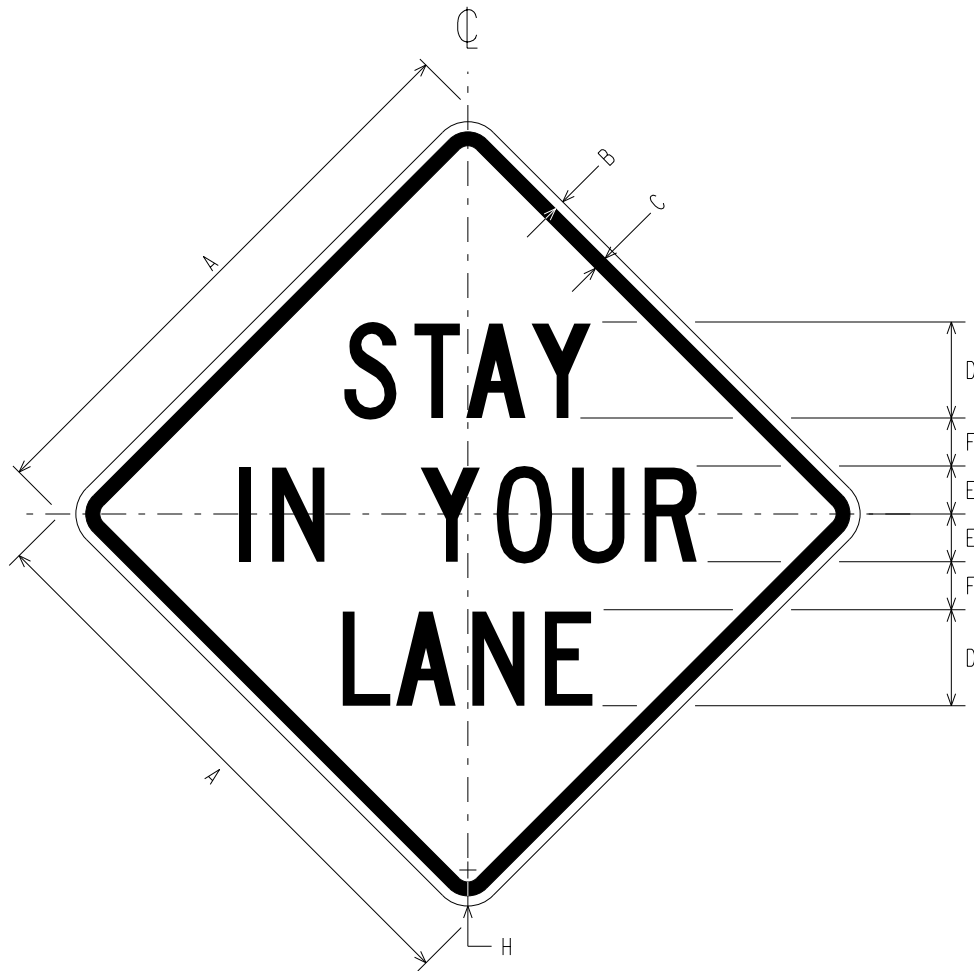
SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
STD.	36	12	.375	.438	3.5	5 C 80% SPACING	4	1.5
FWY.	48	12	.375	.438	3.5	5 D	4	1.5

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - ORANGE (REFL.)

CENTRALLY LOCATE ALL LEGENDS



W20-15
STAY IN YOUR LANE

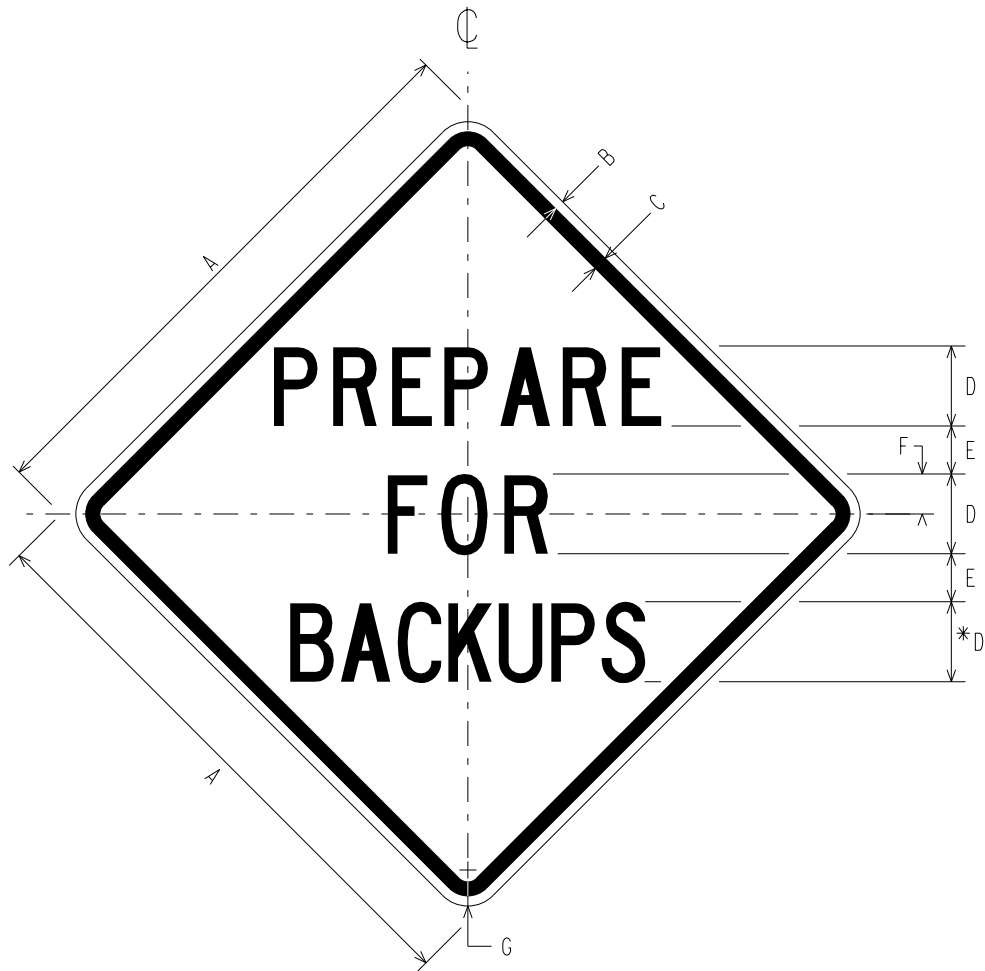
SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
STD.	36	.625	.875	6 D	3	3	4	2.25
FWY.	48	.75	1.25	8 D	4	5	6	3

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - ORANGE (REFL.)

CENTRALLY LOCATE ALL LEGENDS

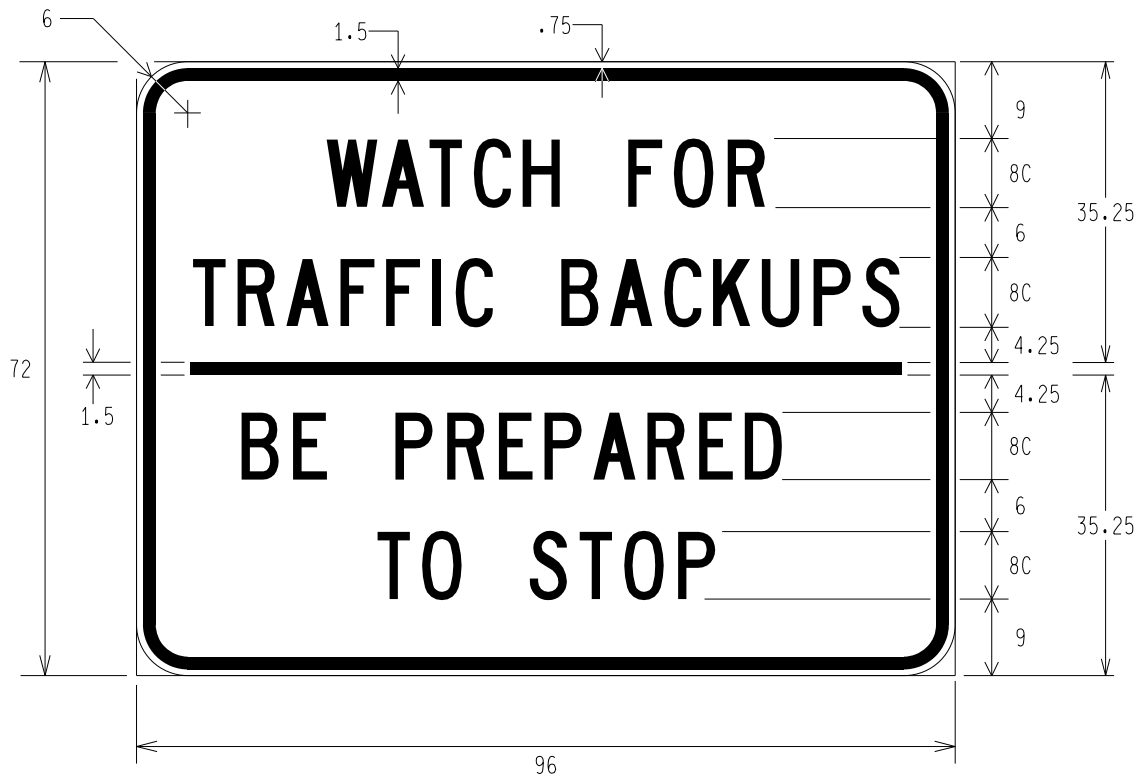


W20-15a
PREPARE FOR BACKUPS

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

COLORS

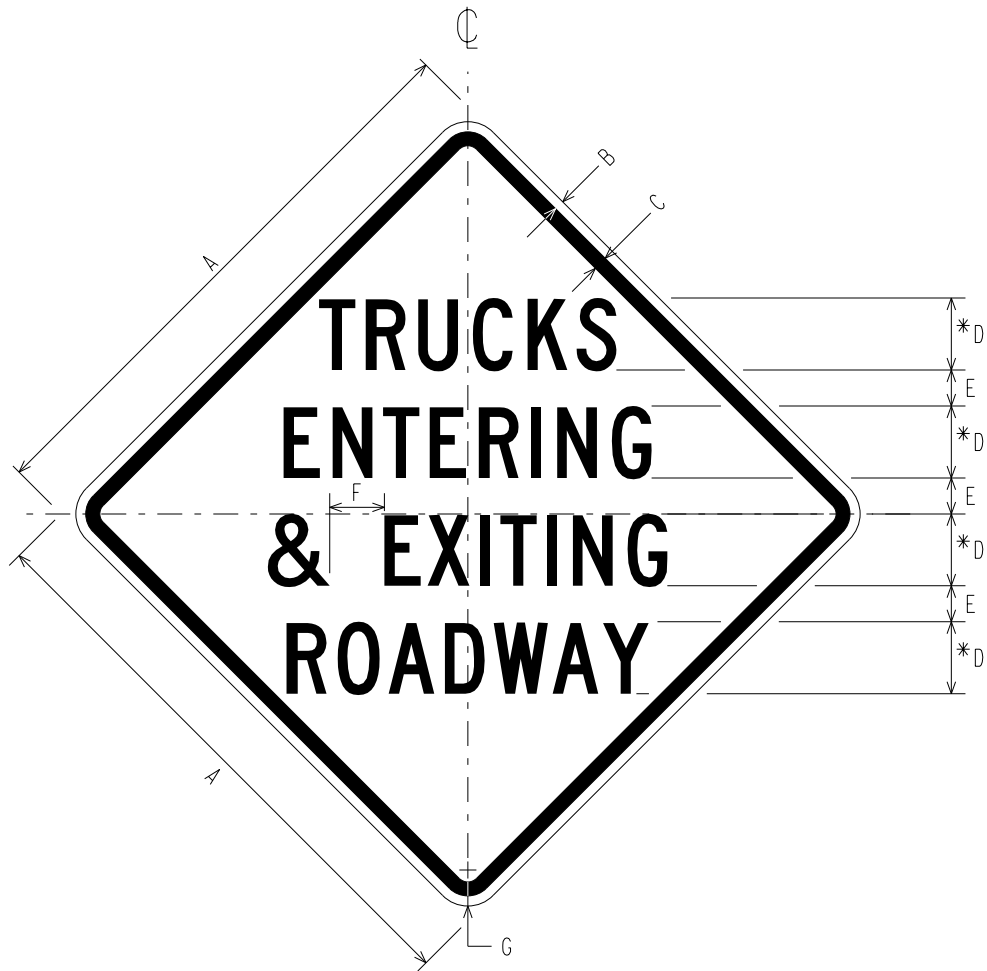
LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - ORANGE (REFL.)
 CENTRALLY LOCATE ALL LEGENDS
 *REDUCE SPACING BETWEEN LETTERS TO 50%



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

COLORS

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



W20-16
TRUCK ENTERING & EXITING ROADWAY

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

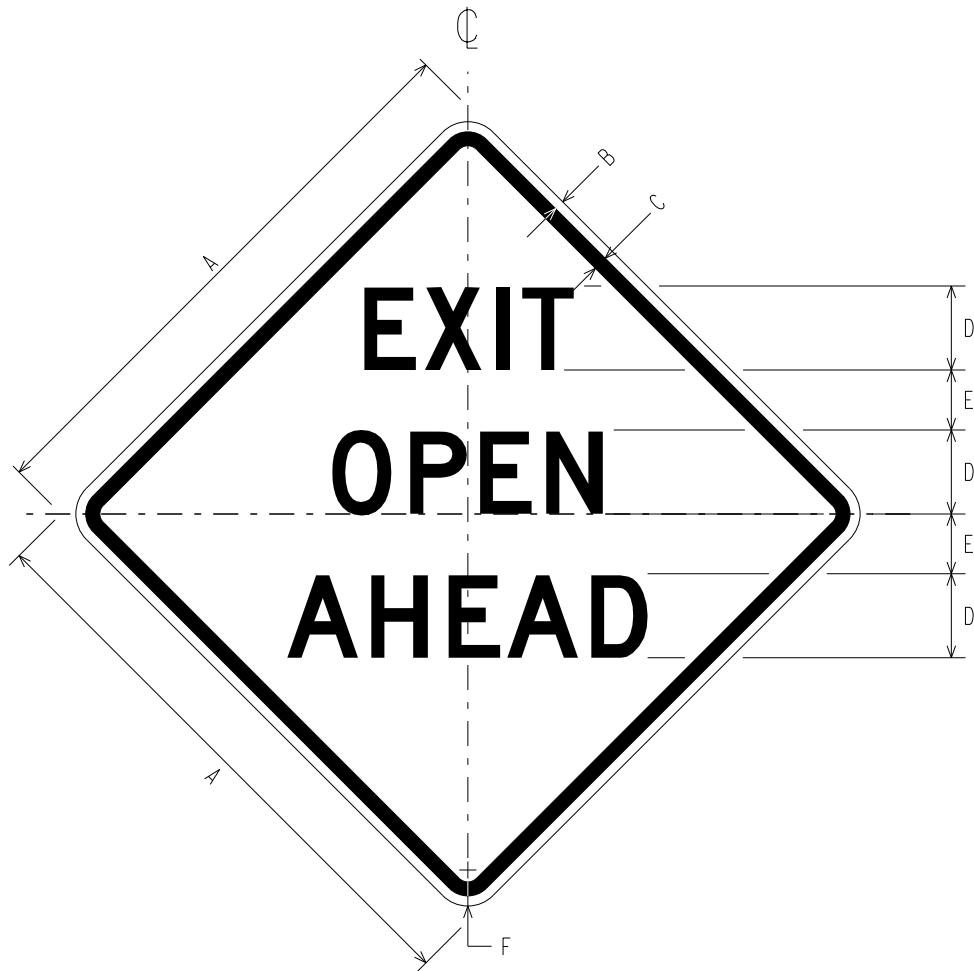
COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)

BACKGROUND - ORANGE (REFL.)

CENTRALLY LOCATE ALL LEGENDS

*REDUCE SPACING BETWEEN LETTERS TO 50% FOR MIN SIZE

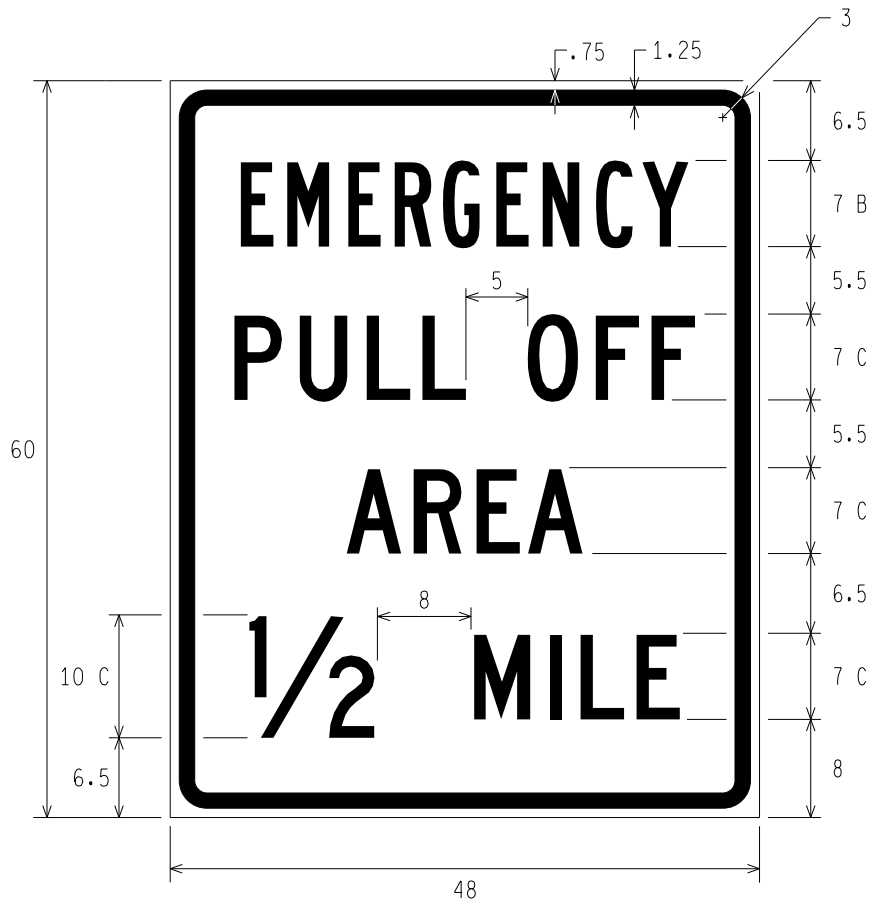


W20-17
EXIT OPEN AHEAD

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

COLORS

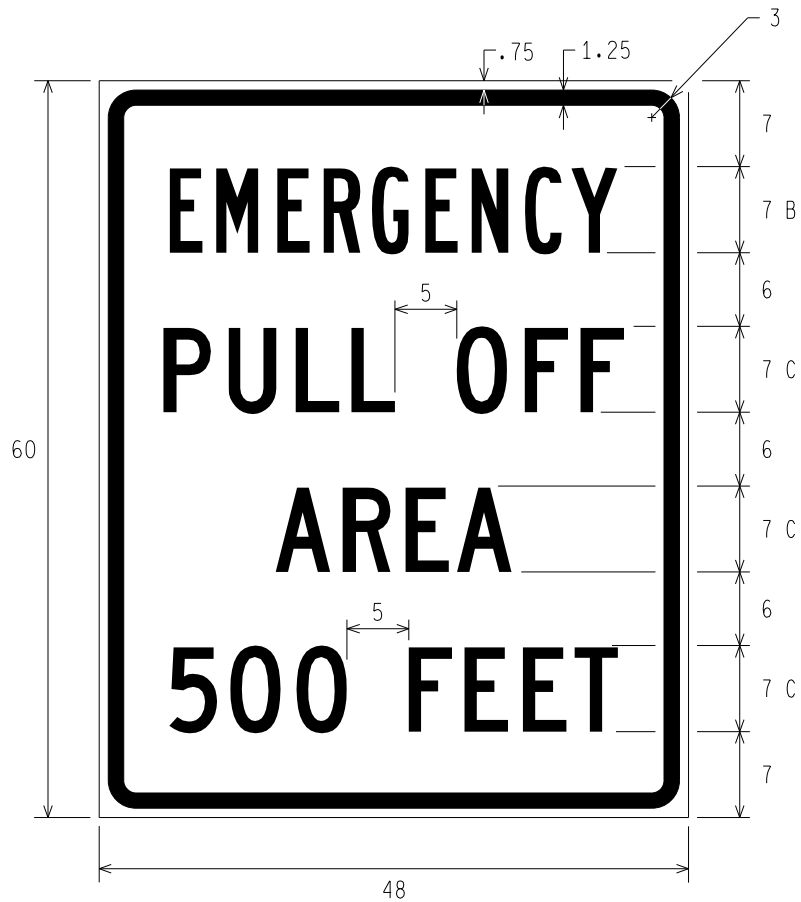
LEGEND AND BORDER - BLACK (NON-REFL.)
 BACKGROUND - ORANGE (REFL.)
 CENTRALLY LOCATE ALL LEGENDS



W20-18
EMERGENCY PULL OFF AREA 1/2 MILE

COLORS

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



W20-18a
EMERGENCY PULL OFF AREA 500 FEET

COLORS

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



W21-1
WORKERS

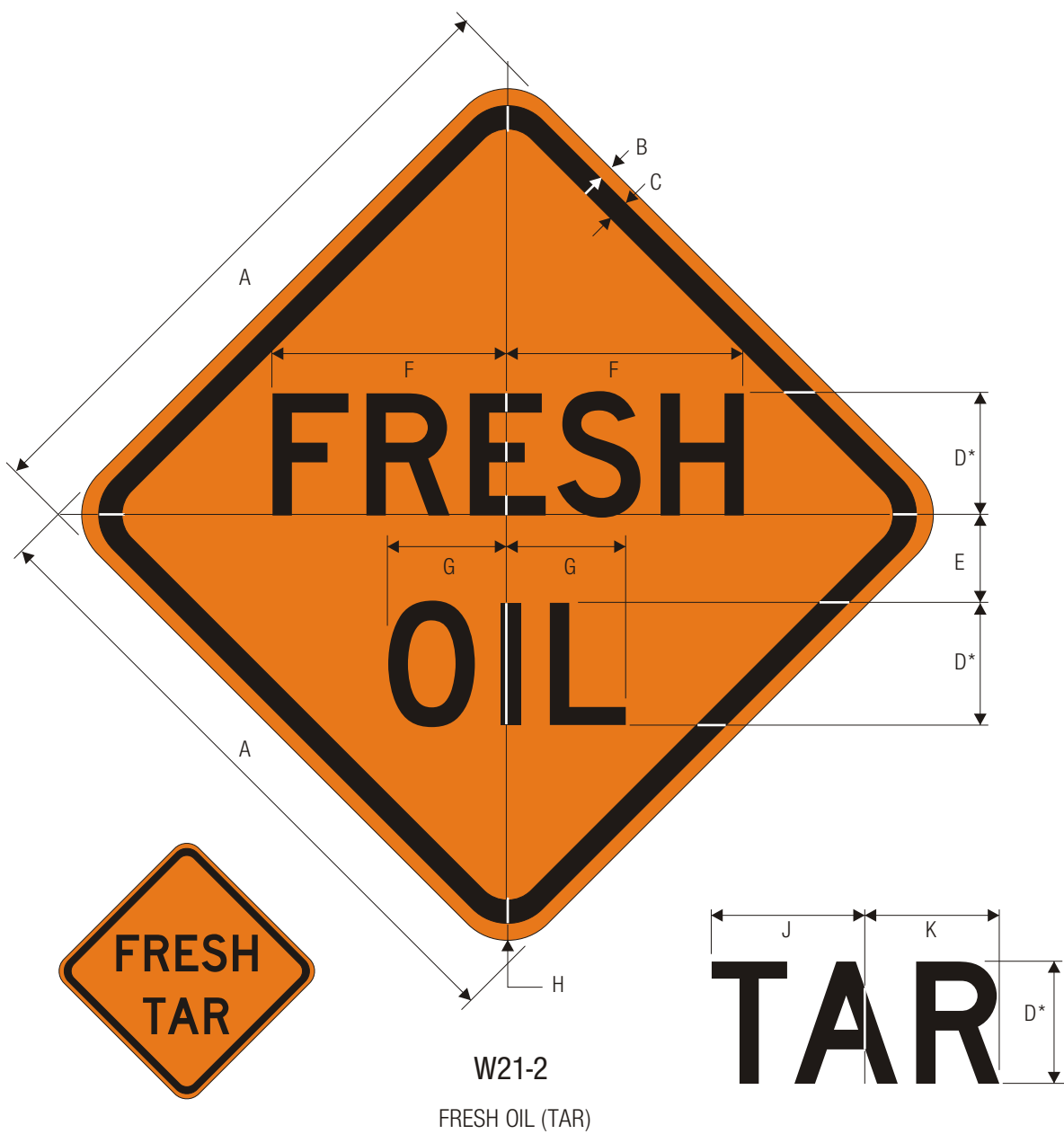
*Series 2000 Standard Alphabets.

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

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND — ORANGE(RETROREFLECTIVE)



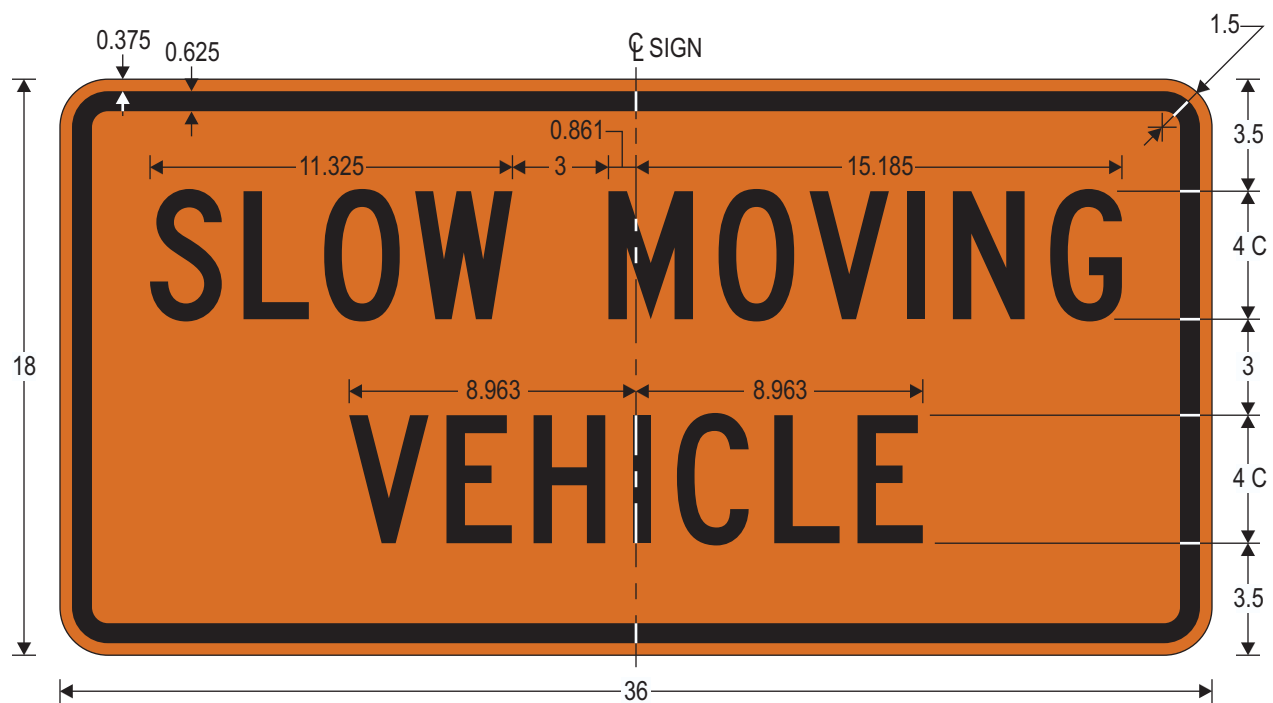
*Series 2000 Standard Alphabets.

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

TTC SIGN COLORS:

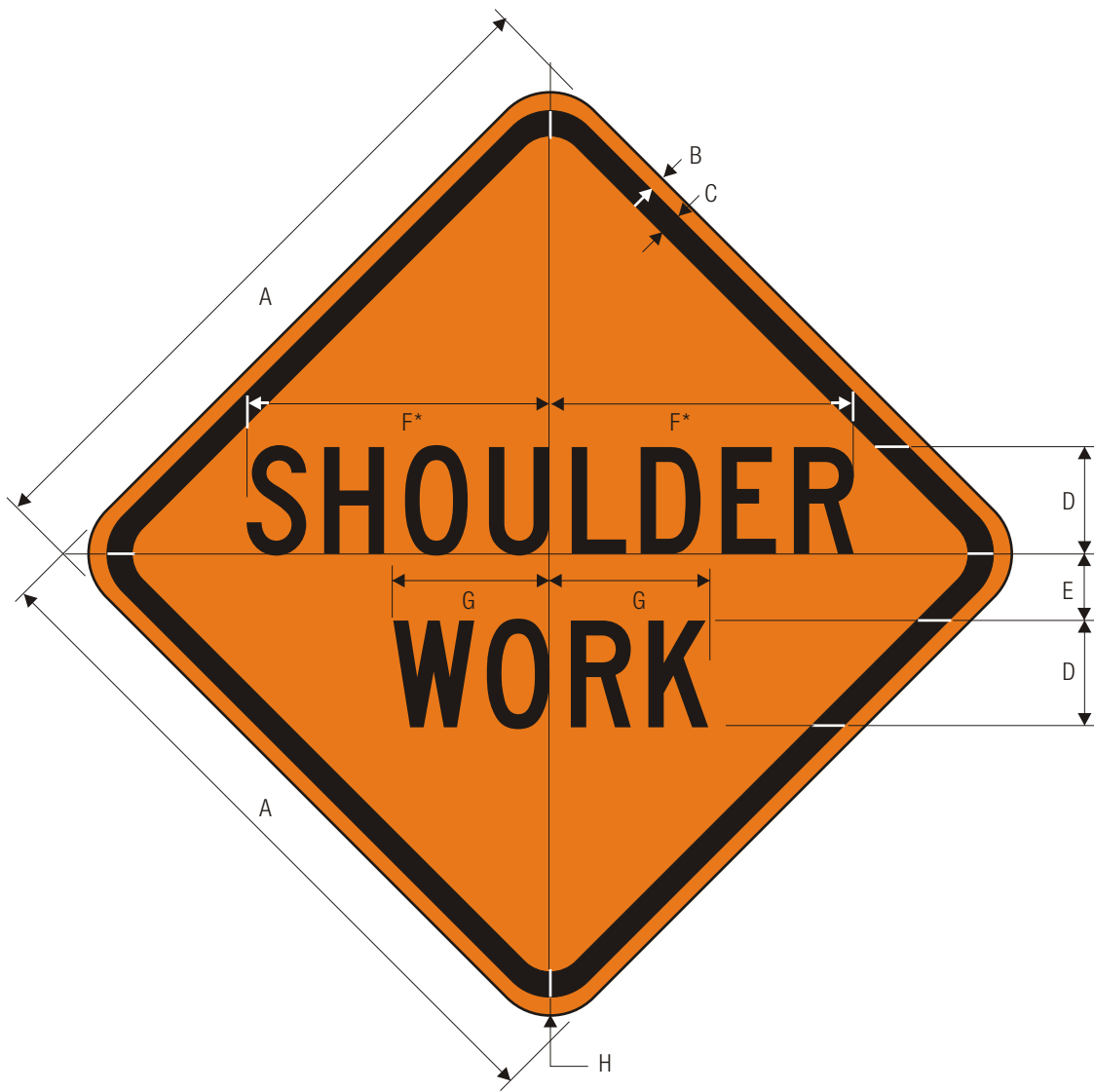
LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W21-4
SLOW MOVING VEHICLE

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



W21-5

SHOULDER WORK

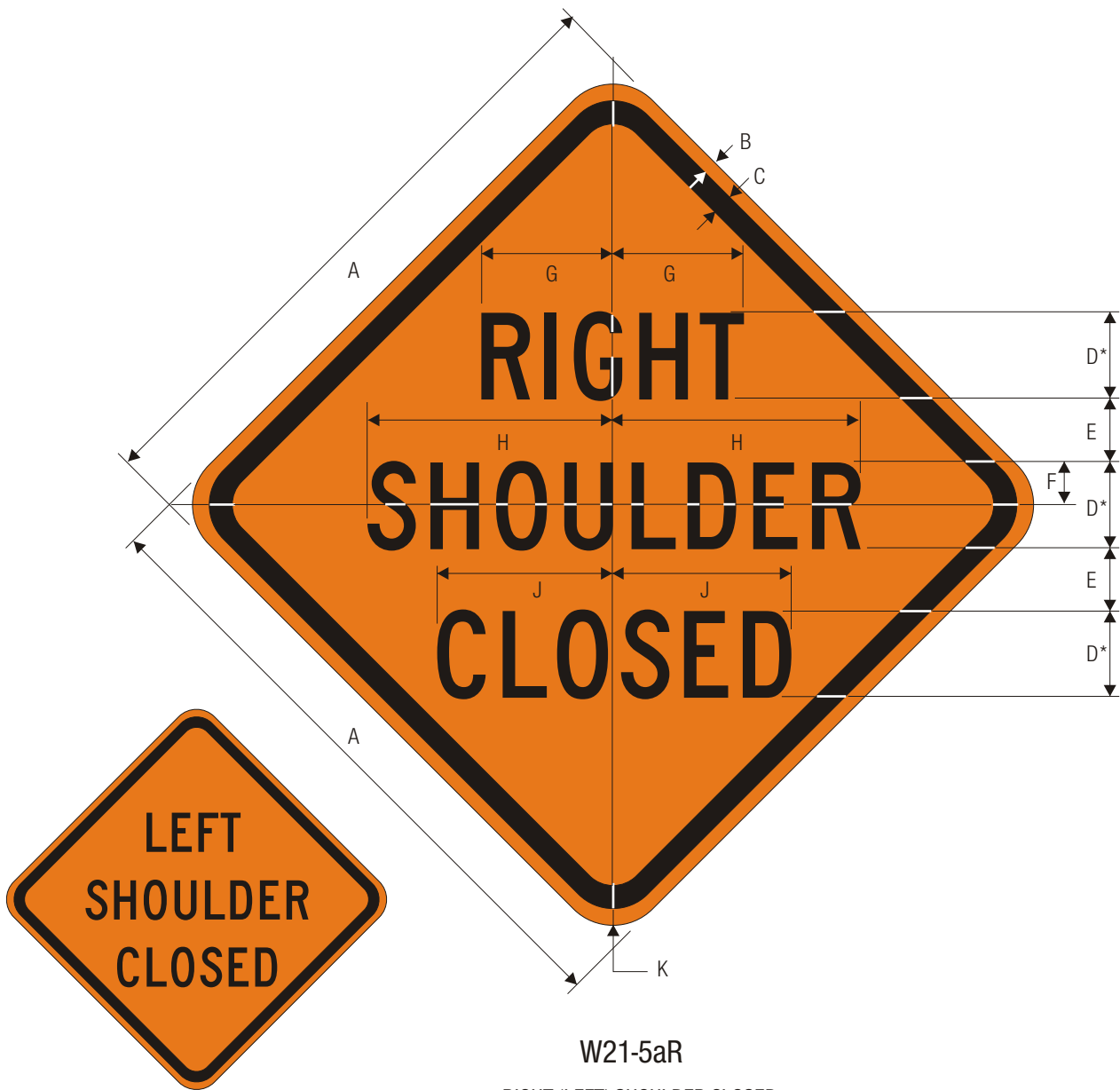
*Reduce spacing 25%.
Use Series 2000 Alphabets for 48" size.

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

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)

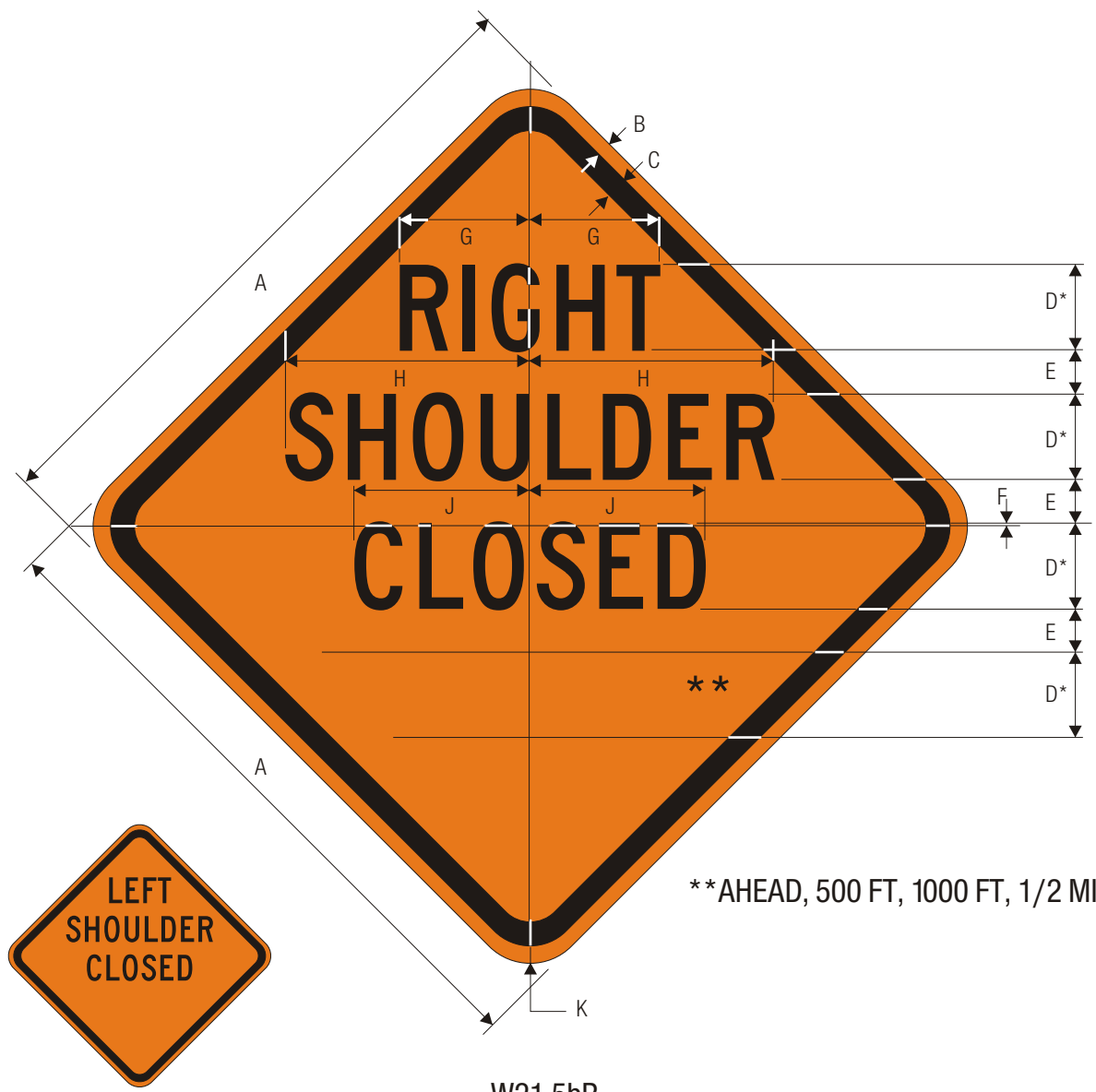


W21-5aL
W21-5aR
 RIGHT (LEFT) SHOULDER CLOSED

*Series 2000 Standard Alphabets.

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

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



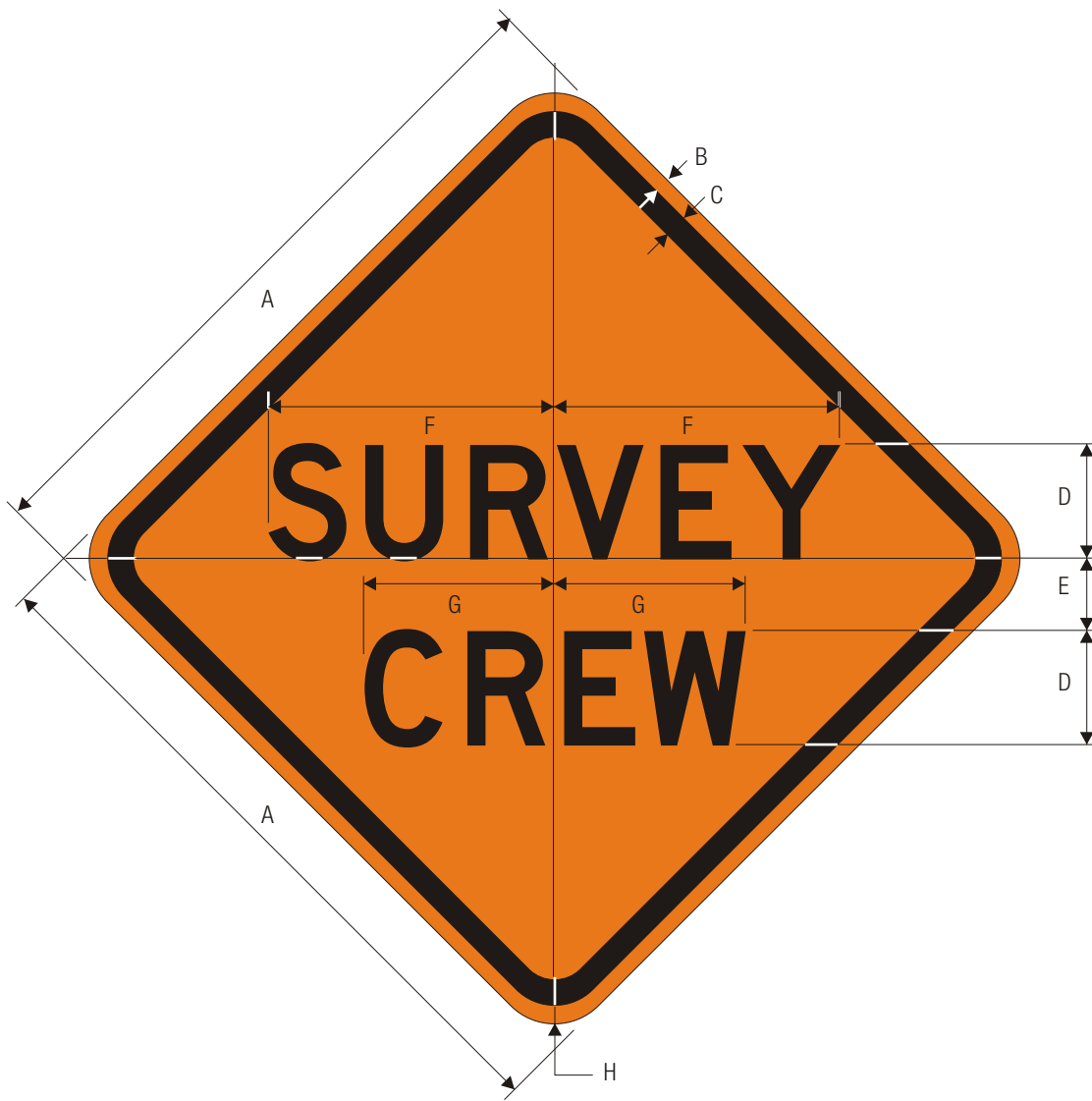
**AHEAD, 500 FT, 1000 FT, 1/2 MILE

W21-5bL
W21-5bR
RIGHT (LEFT) SHOULDER CLOSED

*Series 2000 Standard Alphabets.

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

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



W21-6

SURVEY CREW

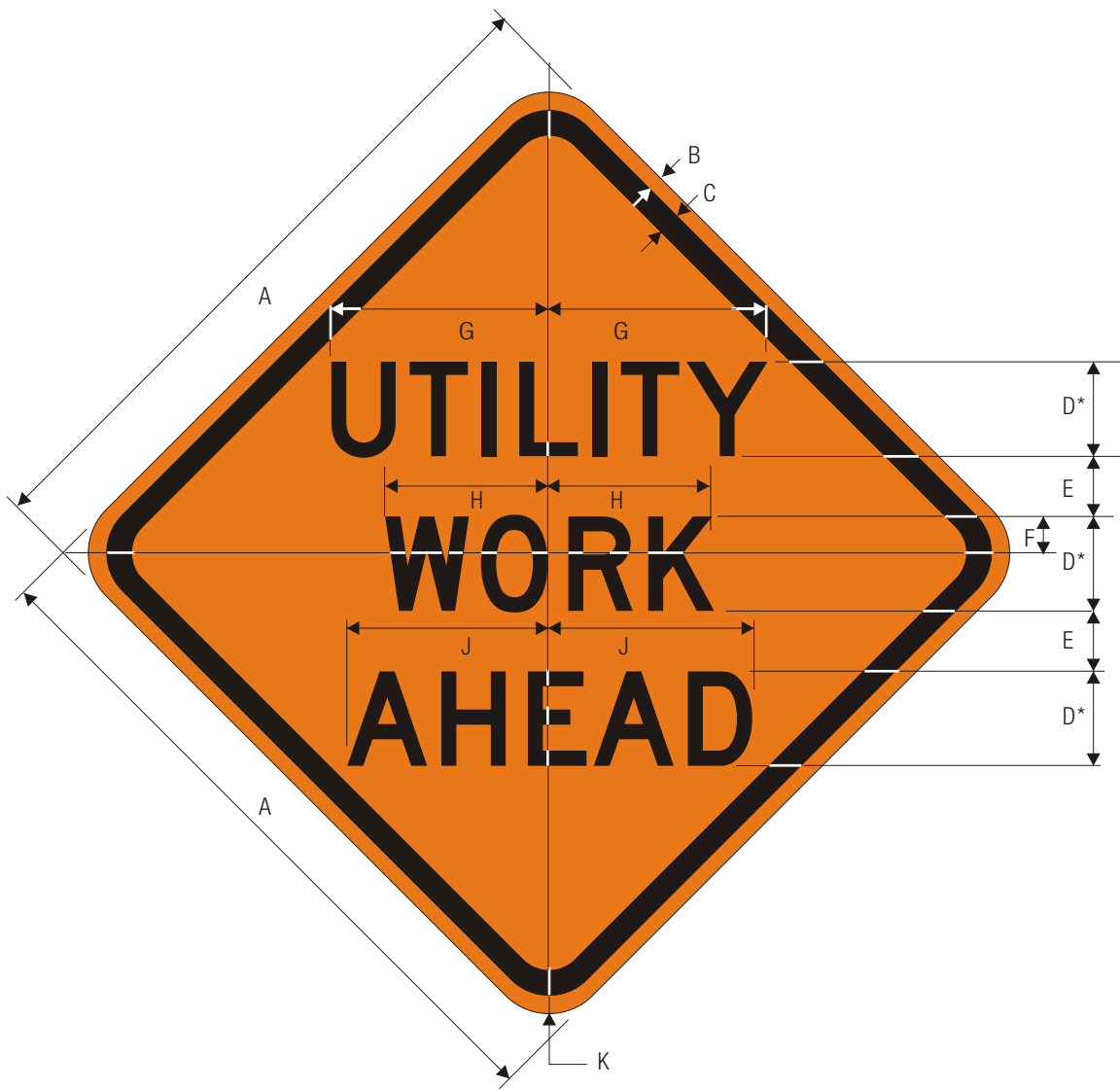
C

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

TTC SIGN COLORS:

LEGEND — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W21-7
UTILITY WORK AHEAD

*Series 2000 Standard Alphabets.

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

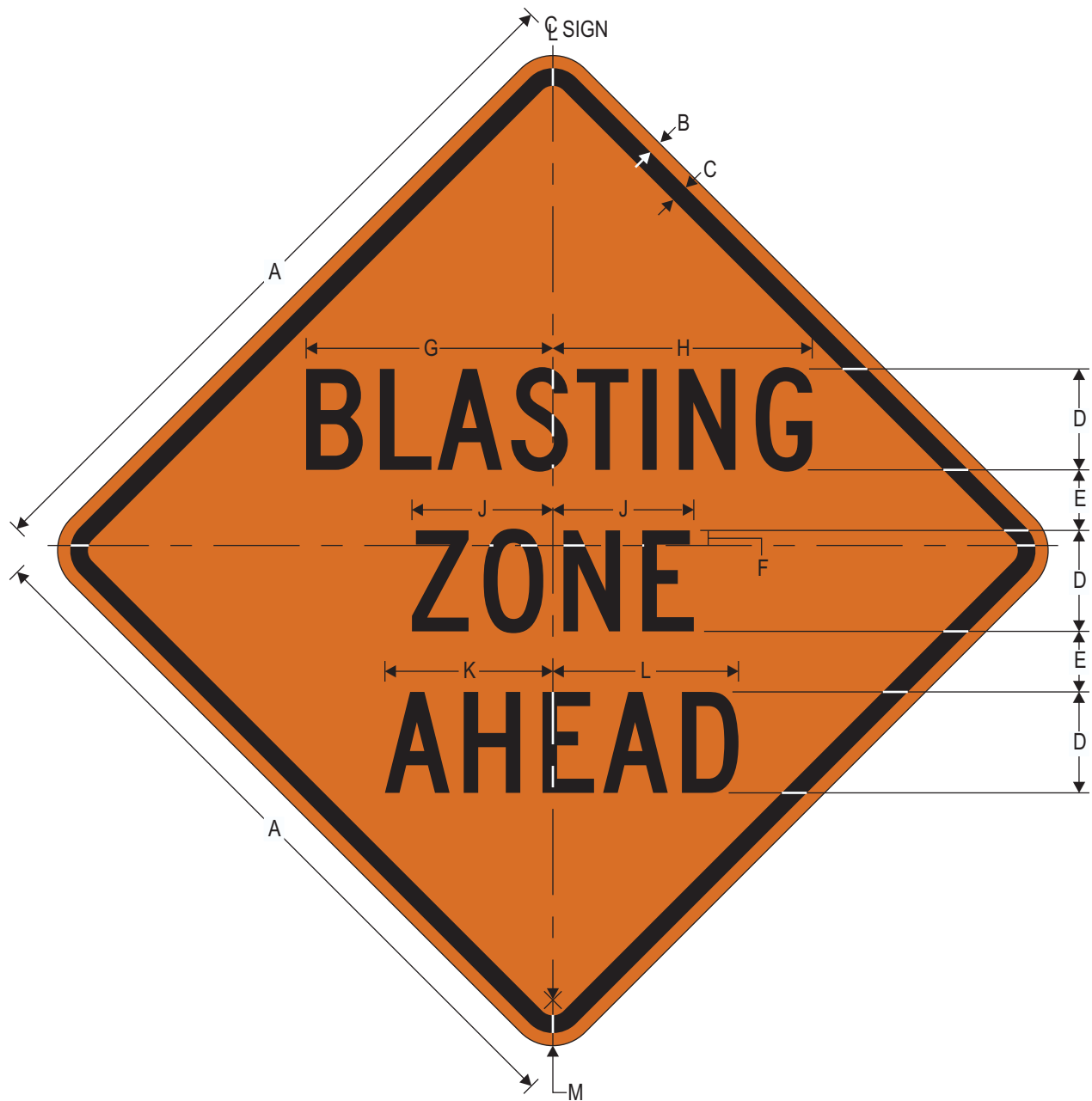
TTC SIGN COLORS:
LEGEND — BLACK
BACKGROUND— ORANGE (RETROREFLECTIVE)



W21-8
MOWING AHEAD

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

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



W22-1
BLASTING ZONE AHEAD

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

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



W22-2

TURN OFF 2-WAY RADIO AND CELL PHONE

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

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

N	P
13.486	3

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

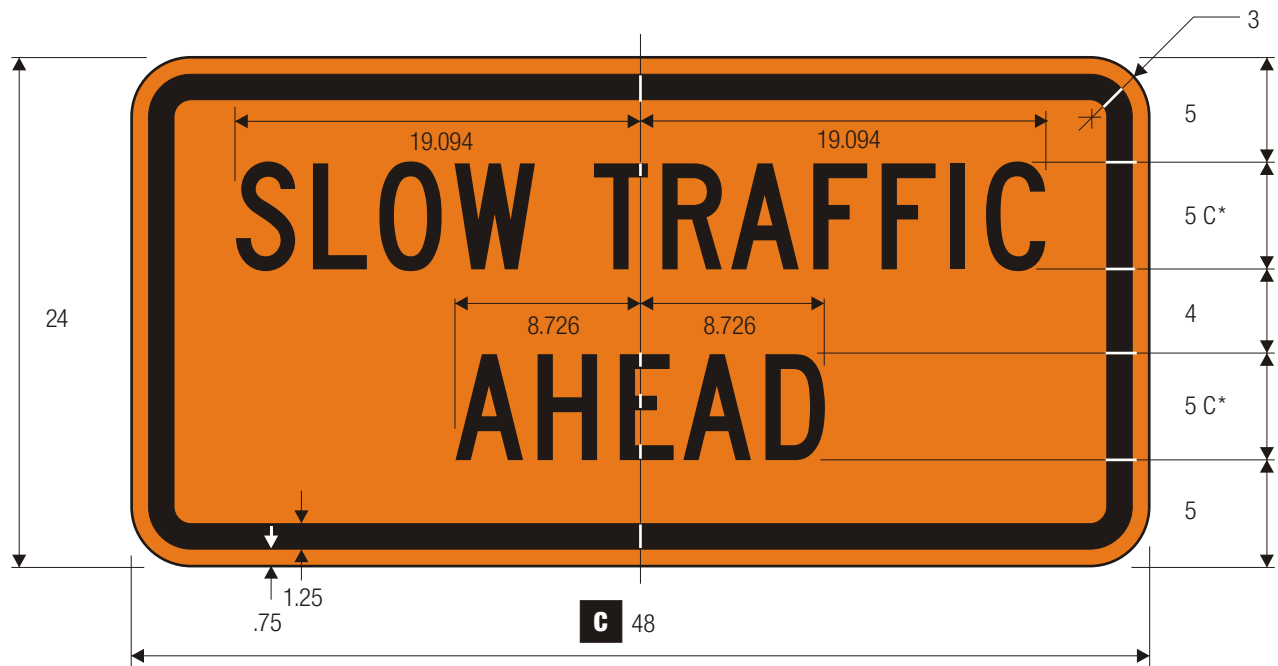


W22-3

END BLASTING ZONE

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

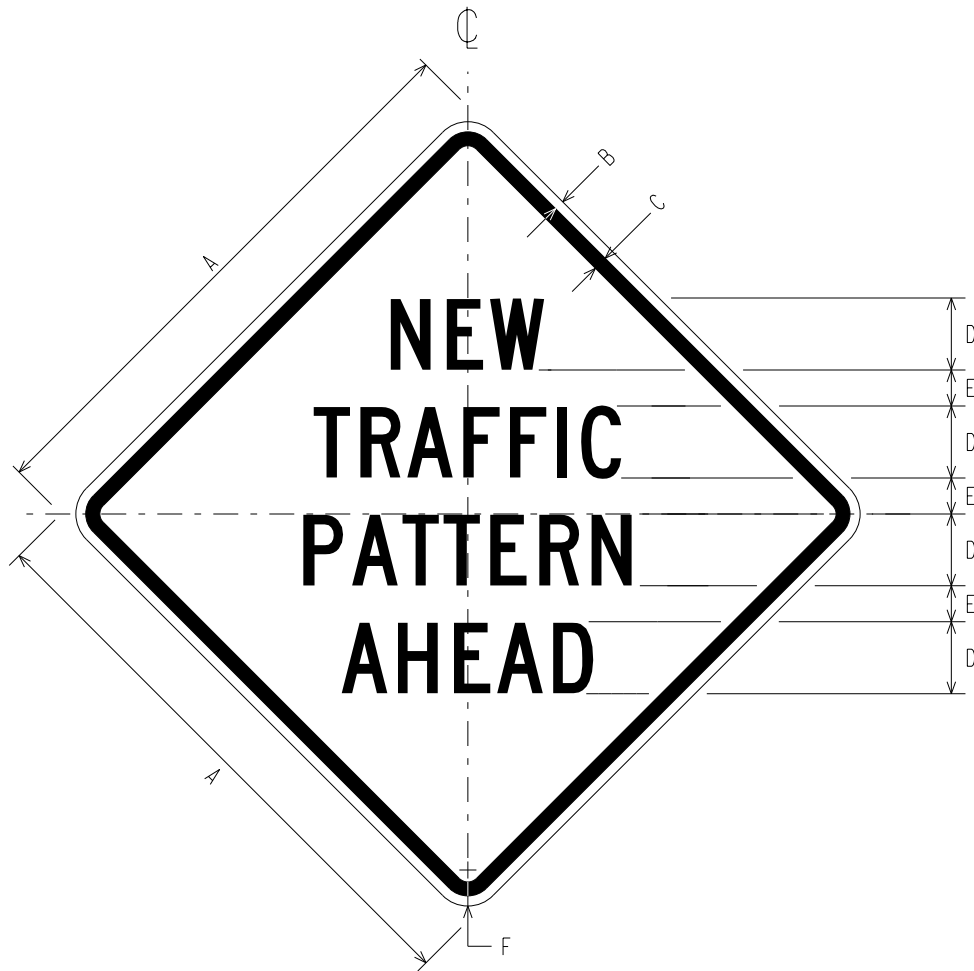
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W23-1
SLOW TRAFFIC AHEAD

*Series 2000 Standard Alphabets.

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

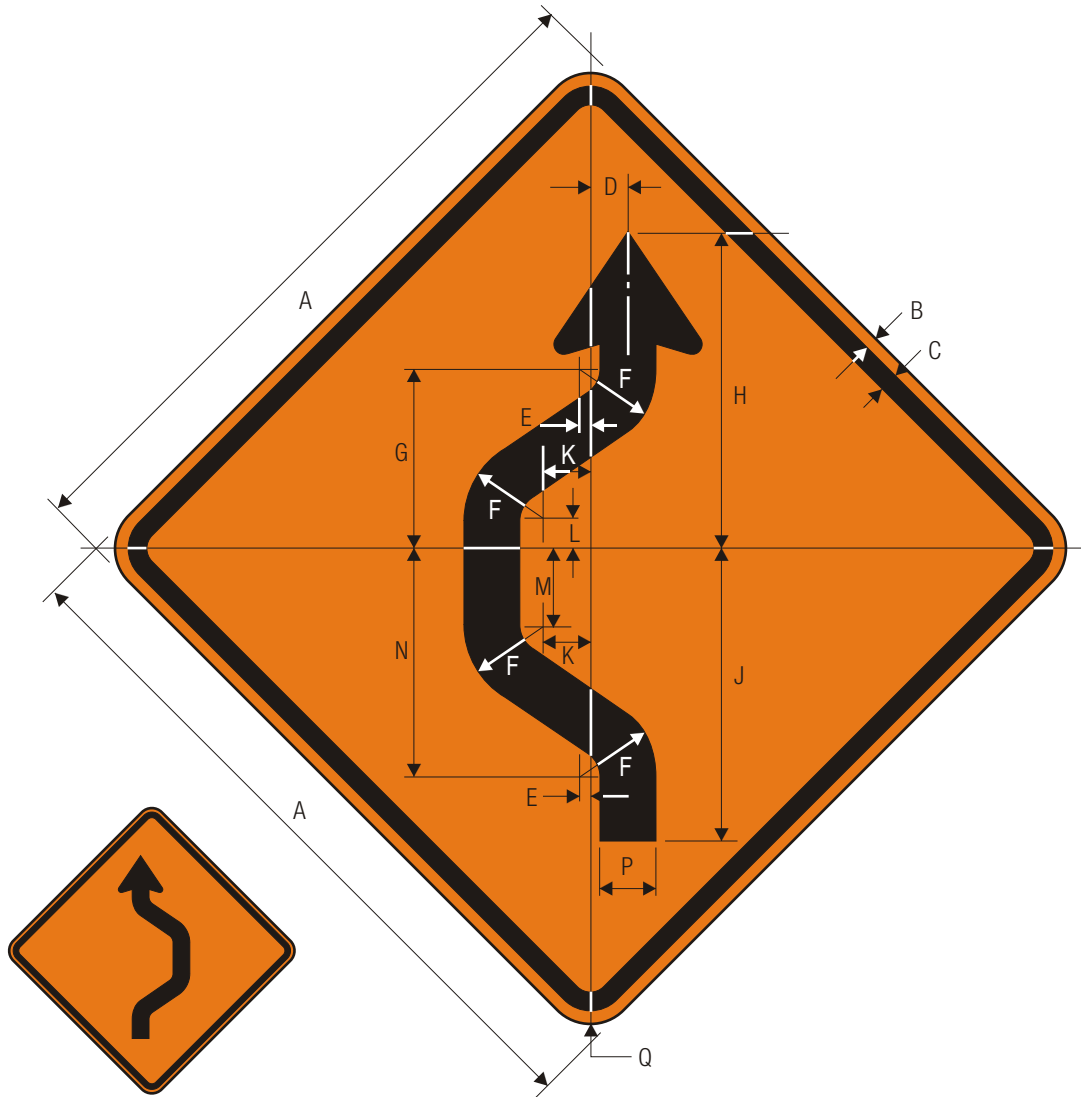


W23-2
TRUCK ENTERING & EXITING ROADWAY

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

COLORS

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



W24-1R

DOUBLE REVERSE CURVE (1 LANE)

W24-1L

DOUBLE REVERSE CURVE (1 LANE)

*See page 6-2 for symbol design.

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

C

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

TTC SIGN COLORS:

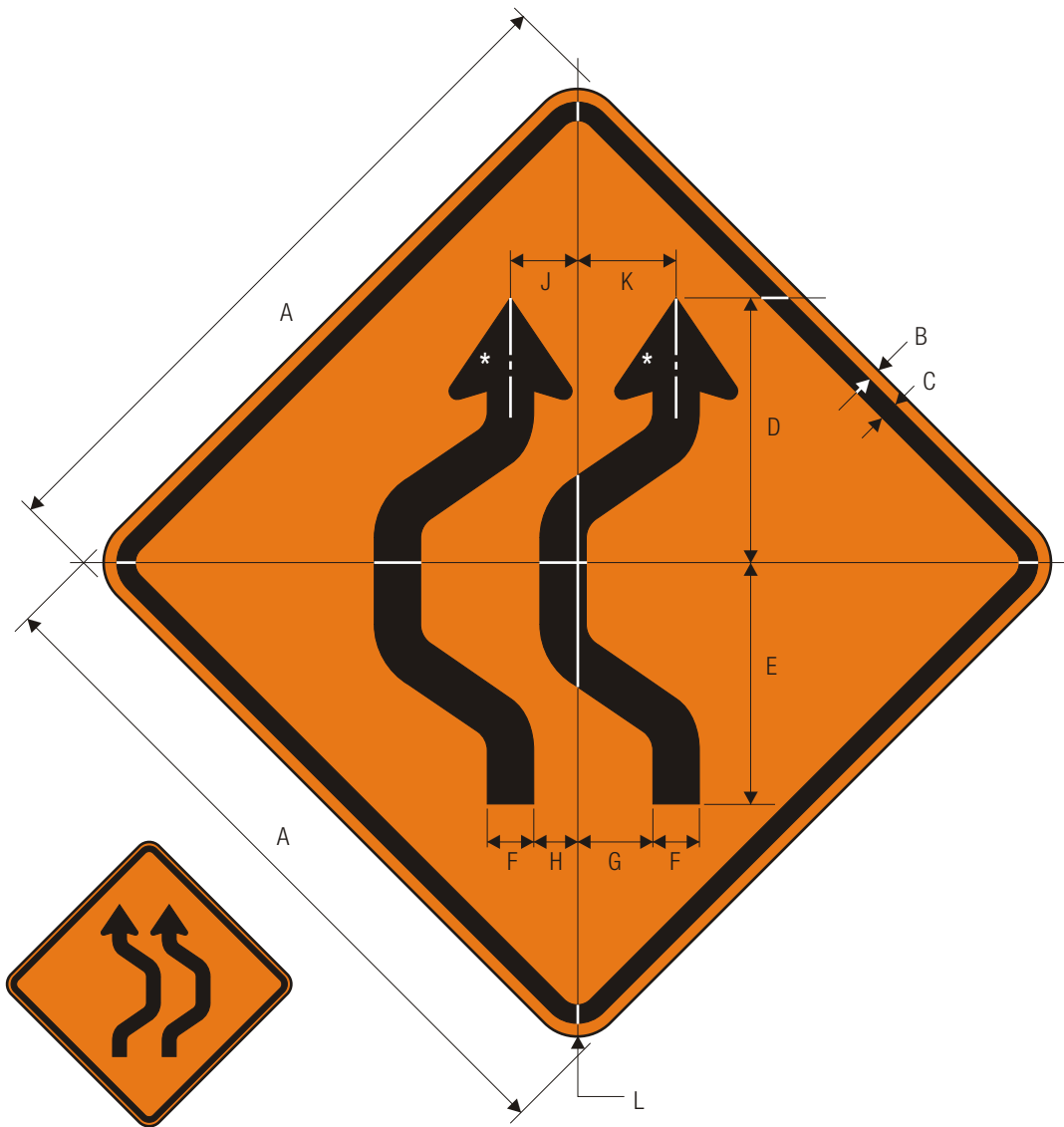
SYMBOL — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)

WARNING SIGN COLORS:

SYMBOL - BLACK

BACKGROUND - YELLOW (RETROREFLECTIVE)



W24-1aR

DOUBLE REVERSE CURVE (2 LANES)

W24-1aL

DOUBLE REVERSE CURVE (2 LANES)

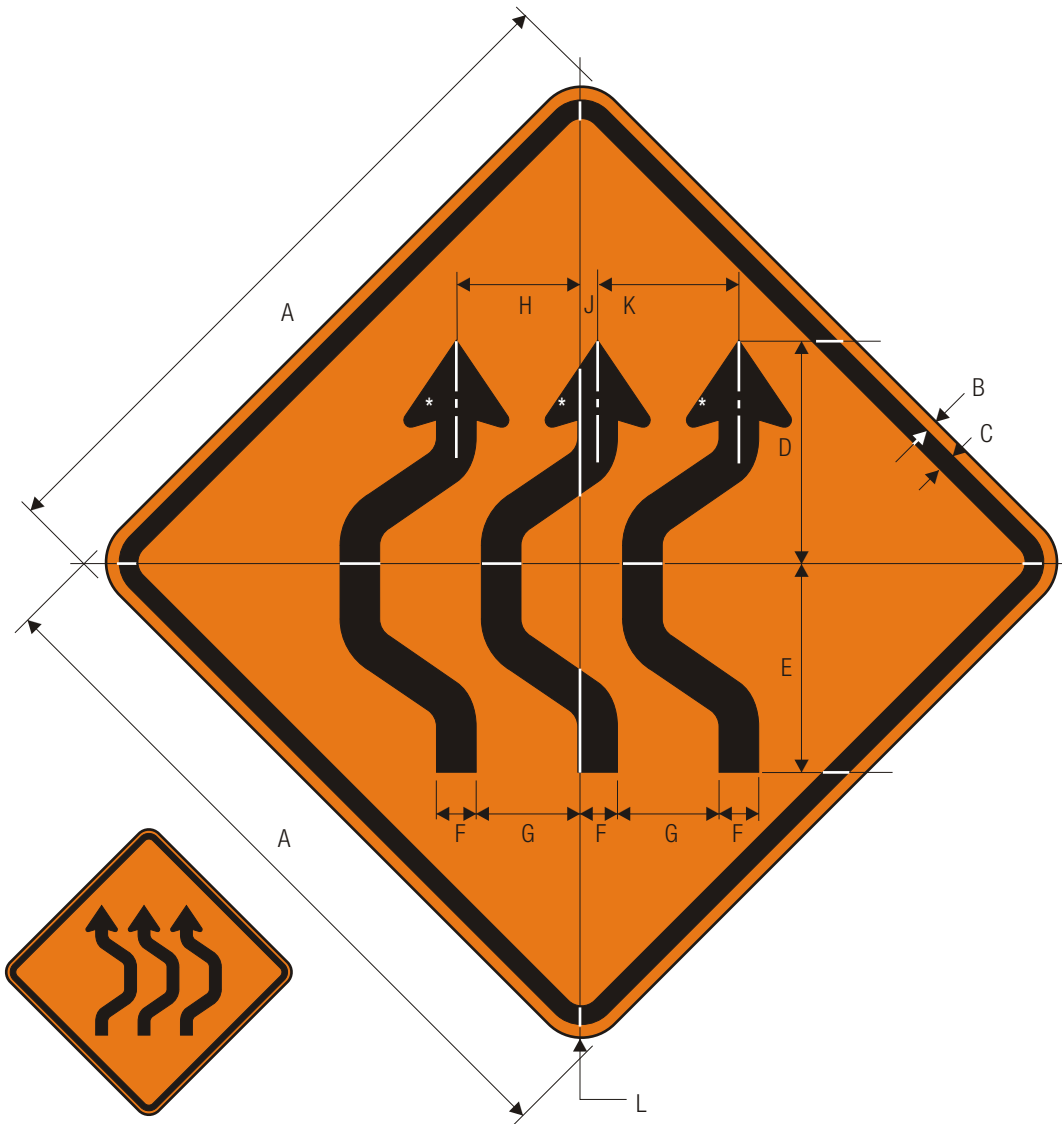
*Reduce arrow from W24-1 15%.

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

TTC SIGN COLORS:

SYMBOL — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W24-1bR

DOUBLE REVERSE CURVE (3 LANES)

W24-1bL

DOUBLE REVERSE CURVE (3 LANES)

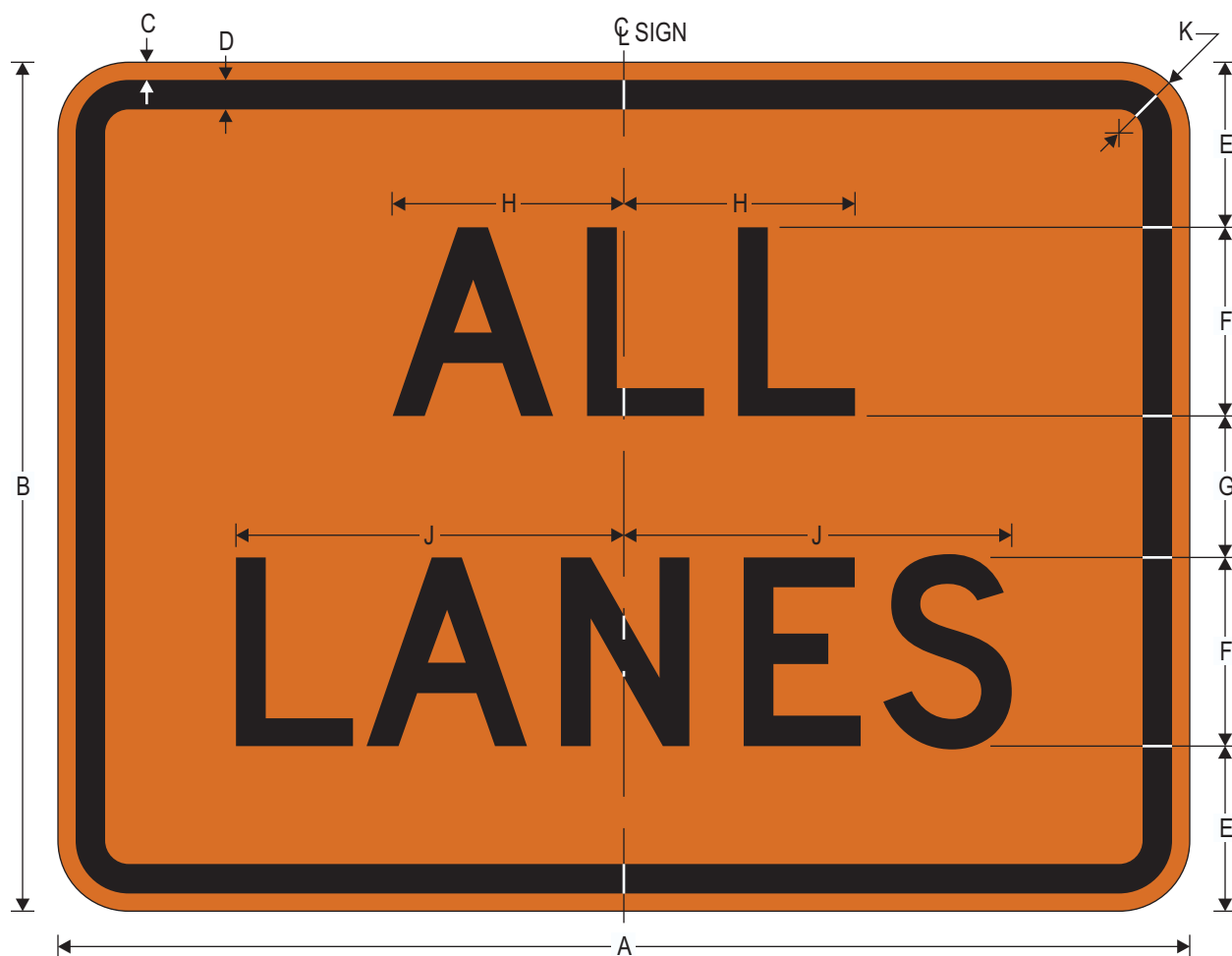
*Reduce arrow from W24-1 30%.

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

TTC SIGN COLORS:

SYMBOL — BLACK

BACKGROUND— ORANGE (RETROREFLECTIVE)



W24-1cP
ALL LANES (PLAQUE)

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

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

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