

S1-1
SCHOOL

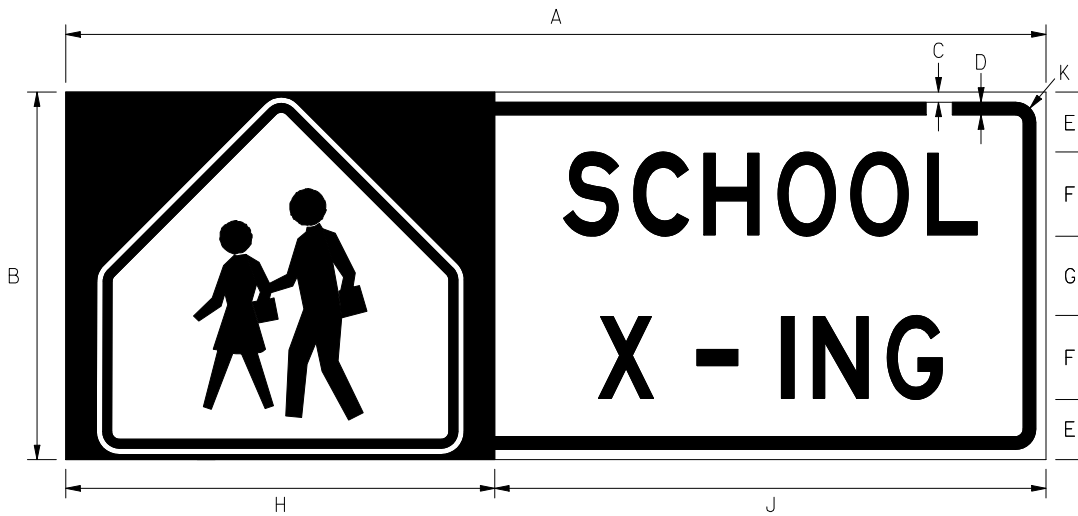
SHA *FOR SYMBOL DESIGN REFER TO THE APPENDIX-GRID SECTION FROM FHWA'S STANDARD HIGHWAY SIGNS BOOK -APPENDIX SECTION

	A	B	C	D	E	F	G	H
	30	.5	.75	2	20	3	3.75	1.875
C	36	.625	.875	2.5	24	3.5	4.5	2.25
	48	.75	1.25	3.25	32	5	6	3

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

SHA REFERENCES

MdMUTCD SECTION -7B.07, 7B.08, 7B.09



NOTE: REFER TO FEDERAL SIGN SI-1 (36" SIZE) FOR DIMENSIONS AND DETAILS; BACKGROUND COLOR SHALL BE FLUORESCENT YELLOW-GREEN.

SIGN SIZE	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
OVERHEAD	96	36	1	1-1/4	6	8D	8	42	54	2

REFERENCES

MdMUTCD SECTION - 7B.07, 7B.09

COLORS

LEGEND - BLACK

BACKGROUND - FLUORESCENT YELLOW-GREEN

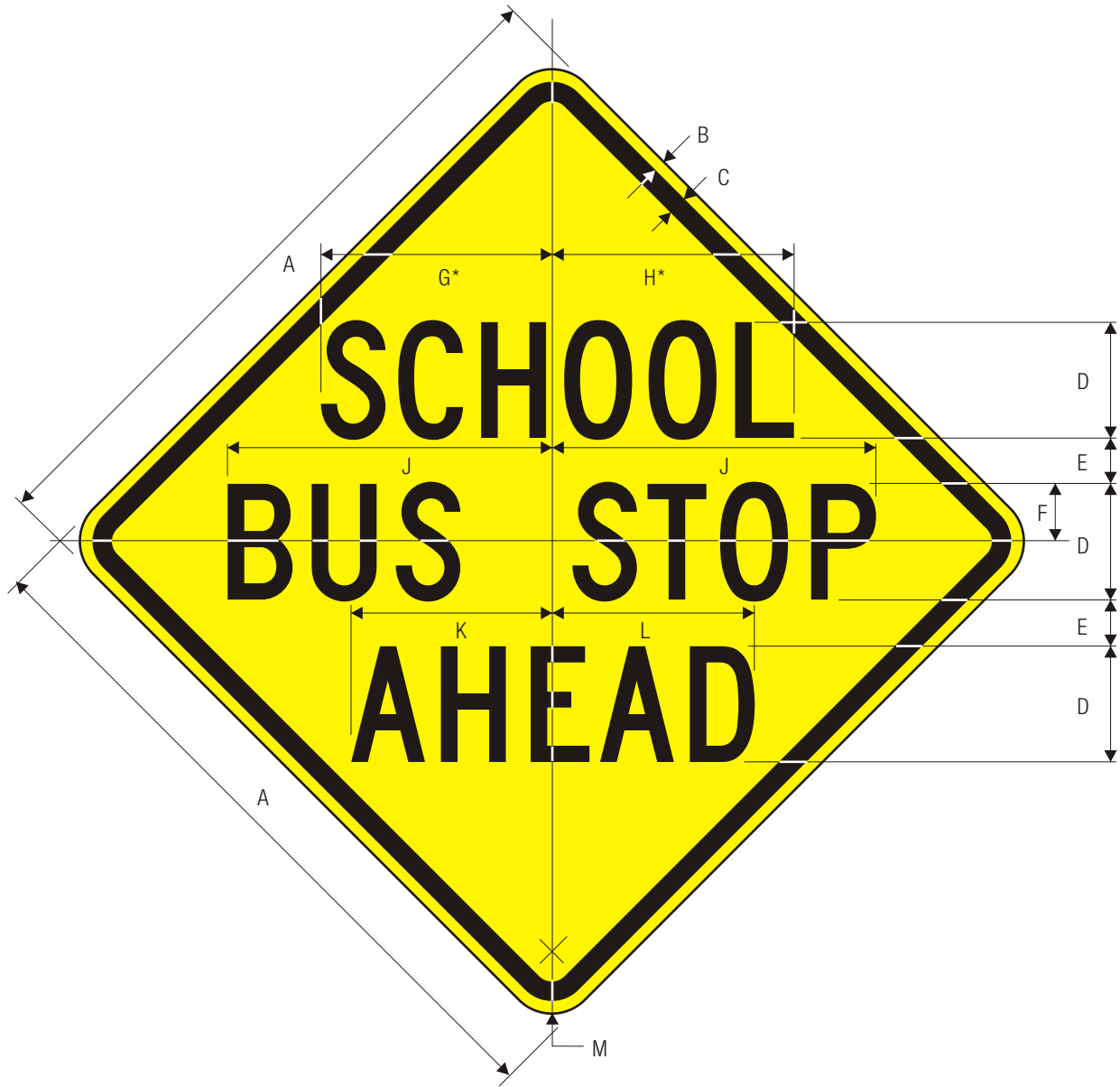
APPROVED _____ Tom Hicks (signature on file) DIRECTOR - OFFICE OF TRAFFIC AND SAFETY	
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	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION
	APPROVAL 03/02/2009
	REVISED
	REVISED

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
 MARYLAND STANDARD HIGHWAY SIGNS

OVERHEAD SCHOOL CROSSING SIGN

SIGN NUMBER

S1-1(1)



S3-1

*Reduce spacing to fit.

SCHOOL BUS STOP AHEAD

	A	B	C	D	E	F	G	H	J	K	L	M
C	30	.5	.75	5 C	2	2.5	10	10.5	14	8.25	9	1.875
	36	.625	.875	6 C	3	3	11.75	12.75	17	10	11	2.25

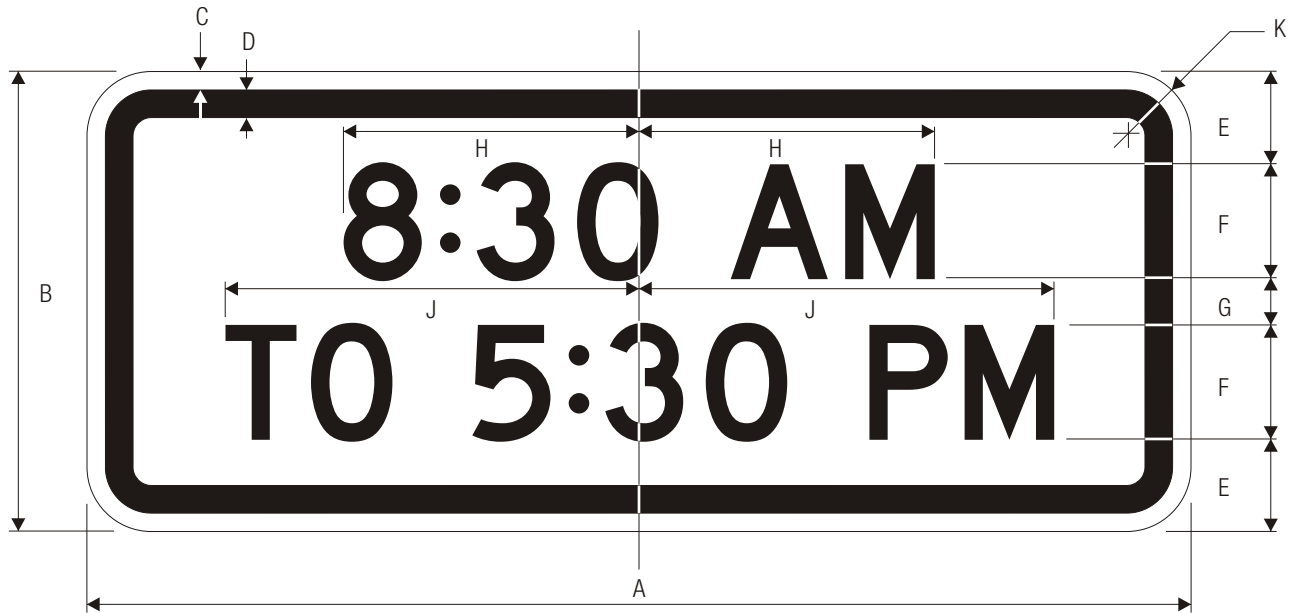
COLORS: LEGEND — BLACK

~~SMA~~ BACKGROUND— FLUORESCENT YELLOW (RETROREFLECTIVE)

~~FLUORESCENT YELLOW GREEN (RETROREFLECTIVE) OPTIONAL~~

~~SMA~~ REFERENCES

MdMUTCD SECTION -7B.07, 7B.10



S4-1

8:30 AM TO 5:30 PM

SHA SIGN SHALL NOT BE USED ALONG STATE OWNED, OPERATED AND MAINTAINED ROADWAYS.

	A	B	C	D	E	F	G	H	J	K
C	24	10	.375	.625	2	2.5 D	1	6.688	8.625	1.5
	36	18	.625	.875	2.75	4 D	1.5	10.5	14.625	2.25
	48	24	.75	1.25	4	5 D	2	13.375	17.25	3

COLORS: LEGEND — BLACK
 BACKGROUND— WHITE (RETROREFLECTIVE)



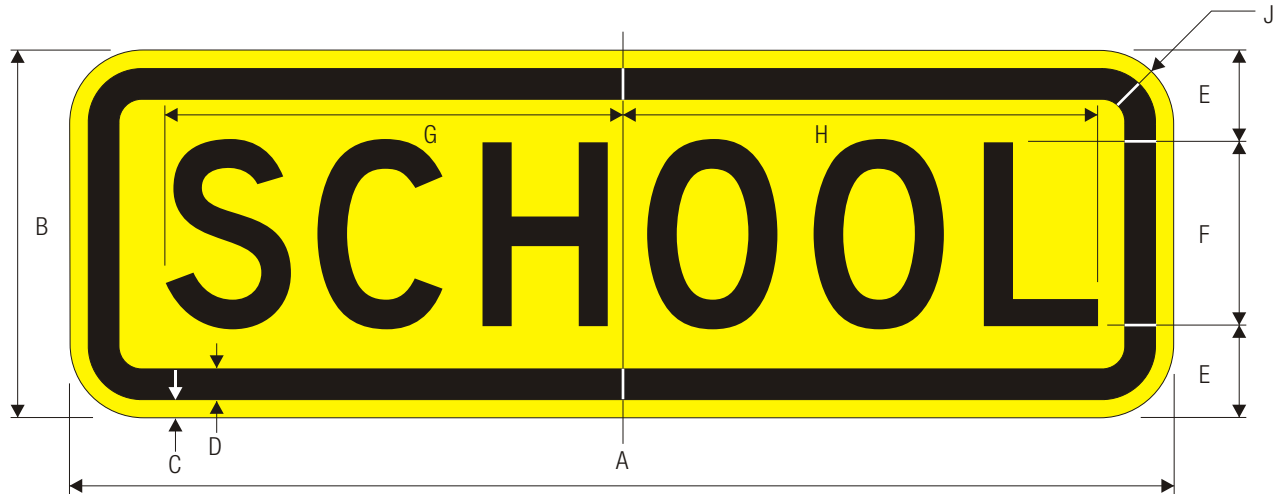
S4-2

WHEN CHILDREN ARE PRESENT

SHA SIGN SHALL NOT BE USED ALONG STATE OWNED, OPERATED AND MAINTAINED ROADWAYS.

	A	B	C	D	E	F	G	H	J	K	L	M
C	24	10	.375	.625	1.5	2 D	.5	3.5	3.313	1.5	6.25	9.313
	36	18	.625	.875	2.25	3 D	.75	5.188	5.125	2.25	9.375	14
	48	24	.75	1.25	3	4 D	1	7	6.625	3	12.5	18.625

COLORS: LEGEND — BLACK
BACKGROUND— WHITE (RETROREFLECTIVE)



S4-3
SCHOOL

12" Size for In-Street use.

	A	B	C	D	E	F	G	H	J
	12	6	.375	.438	2	2 C	4.1	4.46	1.5
C	24	8	.375	.625	2	4 D	10	10.25	1.5
	36	12	.625	.875	3	6 D	15	15.375	2.25
	48	16	.75	1.25	4	8 D	20	20.5	3

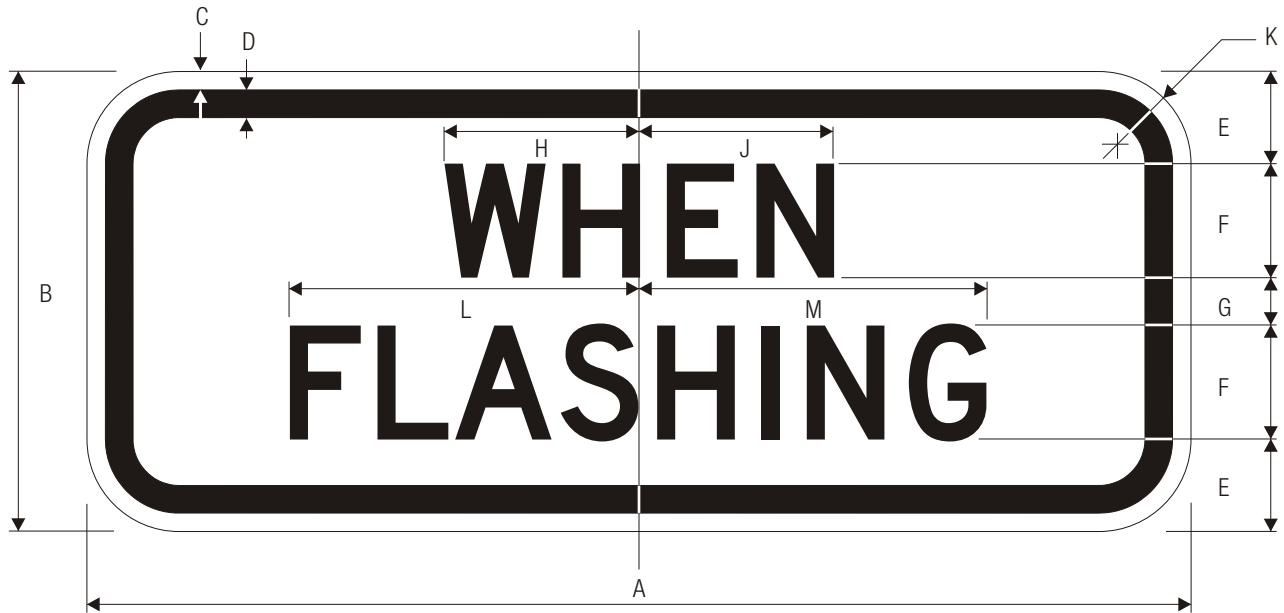
COLORS: LEGEND — BLACK

SHA BACKGROUND— ~~YELLOW (RETROREFLECTIVE)~~

FLOURESCENT YELLOW GREEN (RETROREFLECTIVE) ~~OPTIONAL~~

SHA REFERENCES

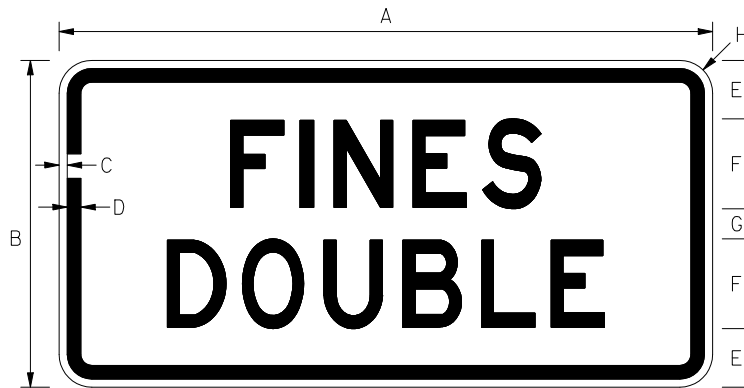
MdMUTCD SECTION -7B.07, 7B.11



S4-4

WHEN FLASHING

	A	B	C	D	E	F	G	H	J	K	L	M
C	24	10	.375	.625	2	2.5 D	1	4.375	4.25	1.5	7.625	8.063
	36	18	.625	.875	2.75	4 D	1.5	6.938	6.813	2.25	12.188	12.938
	48	24	.75	1.25	4	5 D	2	8.75	8.5	3	15.25	16.125



SIGN SIZE	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN	24	12	3/8	5/8	2-3/8	3D	1-1/4	1-1/2
STANDARD	30	15	3/8	5/8	2-3/4	4D	1-1/2	1-1/2
EXPWY	36	18	5/8	7/8	3	5D	2	2-1/4

REFERENCES

MdMUTCD SECTION - 7B.08

COLORS

LEGEND - BLACK

BACKGROUND - WHITE

APPROVED Tom Hicks (signature on file)
DIRECTOR - OFFICE OF TRAFFIC AND SAFETY

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
MARYLAND STANDARD HIGHWAY SIGNS

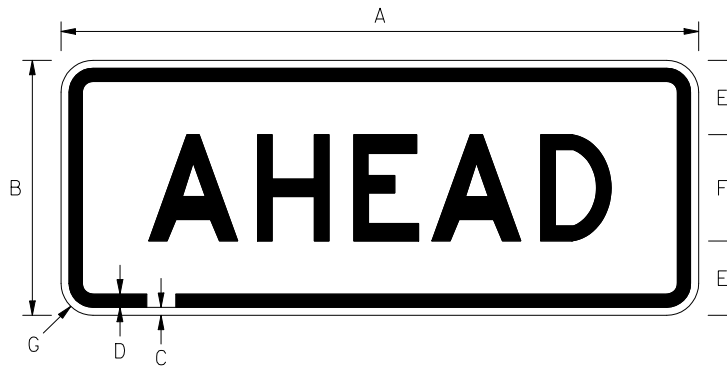


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REVISED	REVISED
REVISED	REVISED

FINES DOUBLE

SIGN NUMBER

S4-4(1)



NOTE: FOR USE WITH FEDERAL SIGN SI-1.

SIGN SIZE	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
STD	30	12	3/8	5/8	3-1/2	5D	1-1/2
EXPWY	36	15	3/8	5/8	4-1/2	6D	1-1/2

REFERENCES

MdMUTCD SECTION - 7B.08

COLORS

LEGEND - BLACK

BACKGROUND - FLUORESCENT YELLOW-GREEN

APPROVED Tom Hicks (signature on file)
DIRECTOR - OFFICE OF TRAFFIC AND SAFETY

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
MARYLAND STANDARD HIGHWAY SIGNS

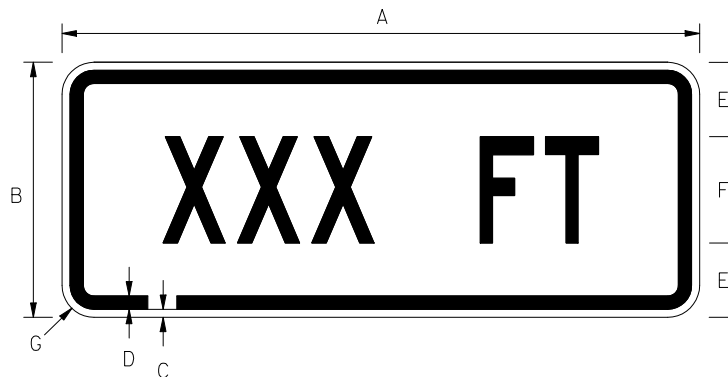
SCHOOL - AHEAD SUPPLEMENT



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REVISED	REVISED
REVISED	REVISED

SIGN NUMBER

S4-4(2)



NOTE: FOR USE WITH FEDERAL SIGN SI-1.

SIGN SIZE	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
STD	30	12	3/8	5/8	3-1/2	5C	1-1/2
EXPWY	36	15	3/8	5/8	4-1/2	6C	1-1/2

REFERENCES

MdMUTCD SECTION - 7B.08

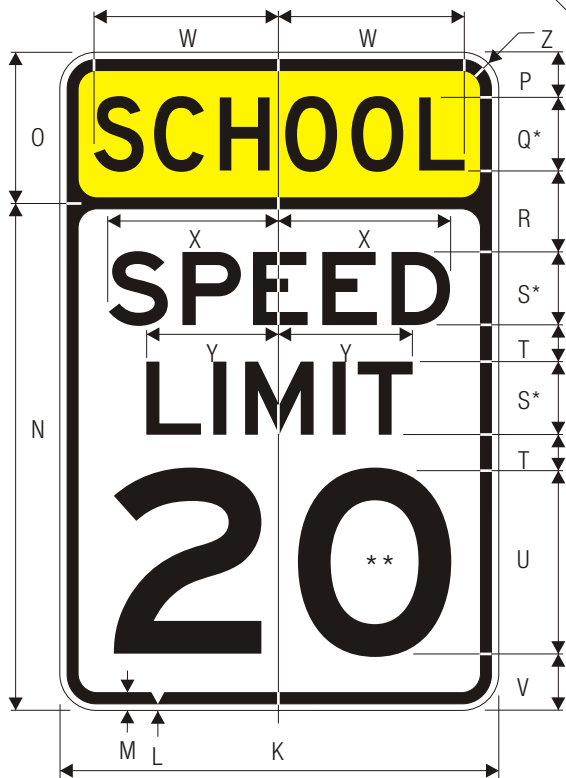
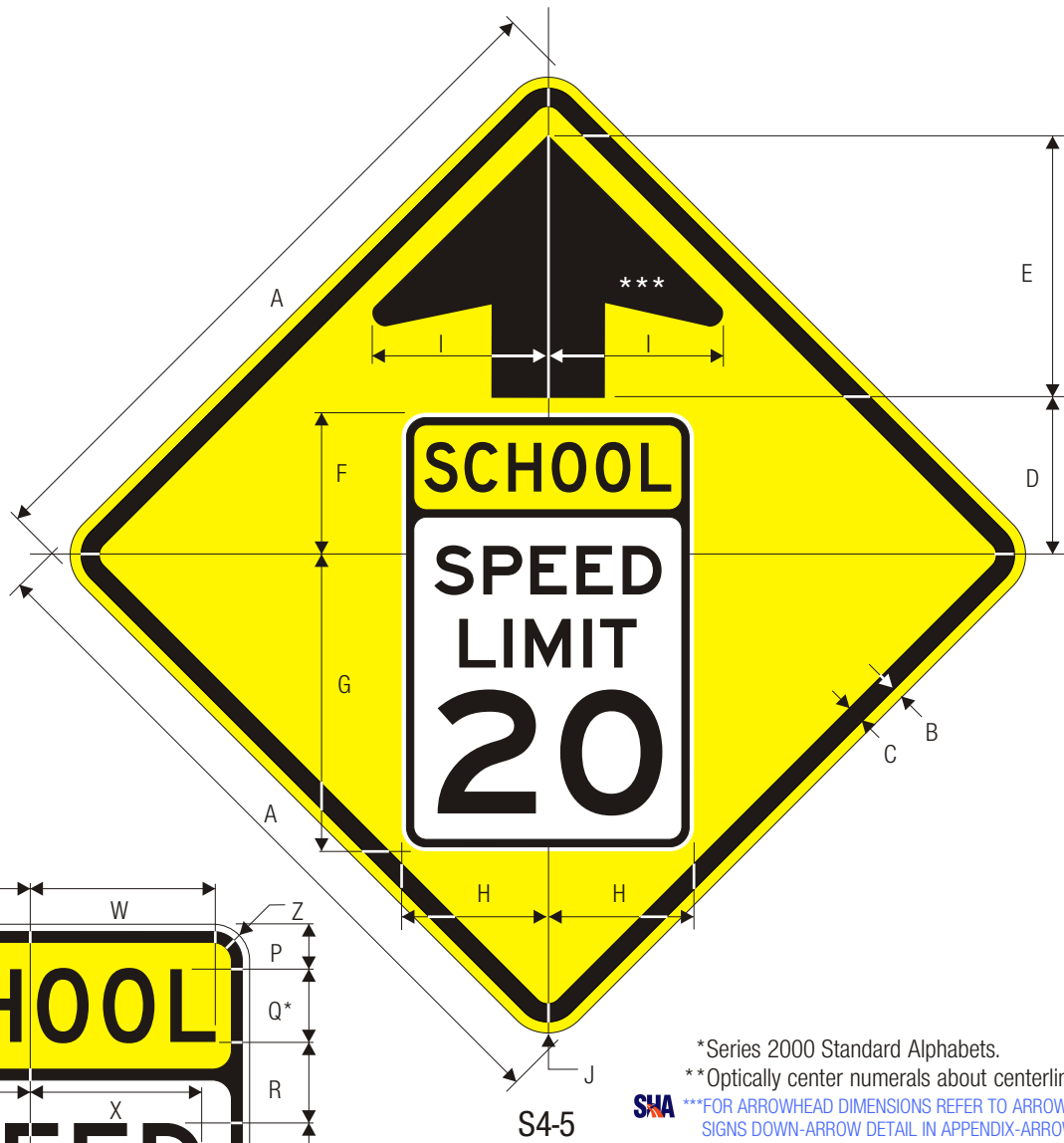
COLORS

LEGEND - BLACK

BACKGROUND - FLUORESCENT YELLOW-GREEN

APPROVED <u>Tom Hicks (signature on file)</u> DIRECTOR - OFFICE OF TRAFFIC AND SAFETY	
	APPROVAL • SHA REVISIONS
	APPROVAL 03/02/2009
	REVISED
	REVISED
	REVISED

<p align="center">Maryland Department of Transportation STATE HIGHWAY ADMINISTRATION MARYLAND STANDARD HIGHWAY SIGNS</p> <p align="center">SCHOOL - DISTANCE SUPPLEMENT</p>	
SIGN NUMBER	S4-4(3)



S4-5
 *Series 2000 Standard Alphabets.
 **Optically center numerals about centerline.
 ***FOR ARROWHEAD DIMENSIONS REFER TO ARROWS FOR GUIDE SIGNS DOWN-ARROW DETAIL IN APPENDIX-ARROW SECTION FROM FHWA'S STANDARD HIGHWAY SIGNS BOOK-APPENDIX SECTION

REDUCED SPEED (SCHOOL) ZONE AHEAD

A	B	C	D	E	F	G
36	.625	.875	8.25	13.5	7.5	15
48	.75	1.25	11	18	10	20

H	I	J	K	L	M	N
7.5	9	2.25	15	.25	.375	17.325
10	12	3	20	.3	.5	23.1

O	P	Q	R	S	T	U
5.175	1.5	2.5 D	2.75	2.5 E	1.25	6.25
6.9	2	3.3 D	3.7	3.3 E	1.625	8.3 E

V	W	X	Y	Z
2	6.336	5.832	4.551	1.25
2.85	8.449	7.777	6.069	1.6

COLORS:

BORDER & ARROW – BLACK
 LEGEND – BLACK

SHA BACKGROUND – YELLOW (RETROREFLECTIVE)
 OR FLUORESCENT YELLOW-GREEN

SHA REFERENCES

MdMUTCD SECTION - 7B.07, 7B.12



SHA

SHA SIGN SHALL NOT BE USED ALONG STATE OWNED, OPERATED AND MAINTAINED ROADWAYS.

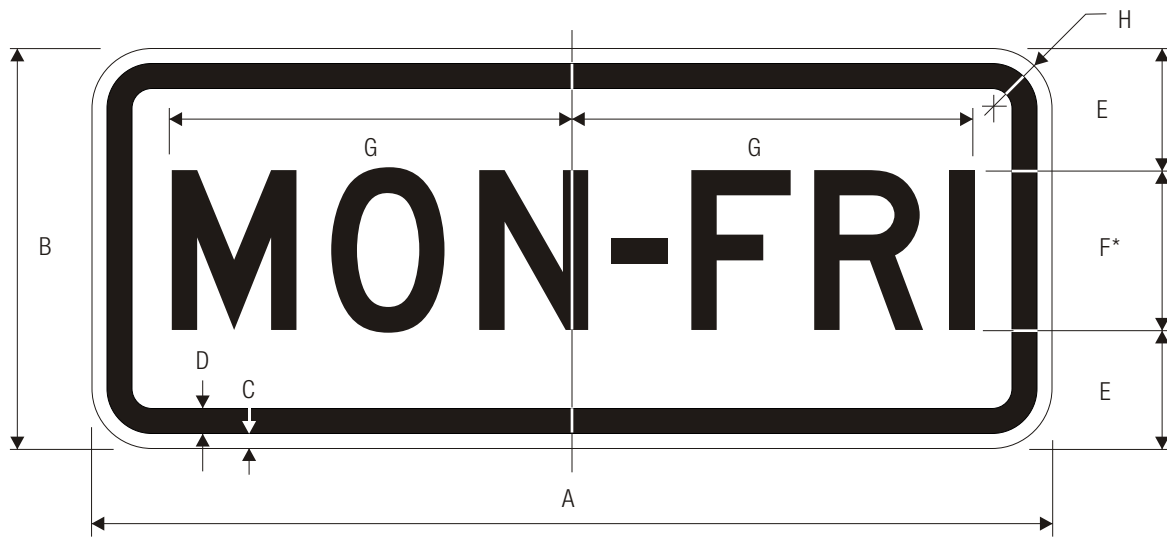
S4-5a

REDUCED SPEED (SCHOOL) ZONE AHEAD

*Series 2000 Standard Alphabets.

A	B	C	D	E	F	G	H	J	K
30	.5	.75	2	4 C	3.5	8.254	15.274	6.971	1.875
36	.625	.875	2.5	5 C	3.5	10.319	19.094	8.714	2.25
48	.75	1.25	3.5	7 C	5	14.444	26.729	12.198	3

COLORS: LEGEND — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)
 OPTIONAL: YELLOW-GREEN (RETROREFLECTIVE)



S4-6

MON-FRI

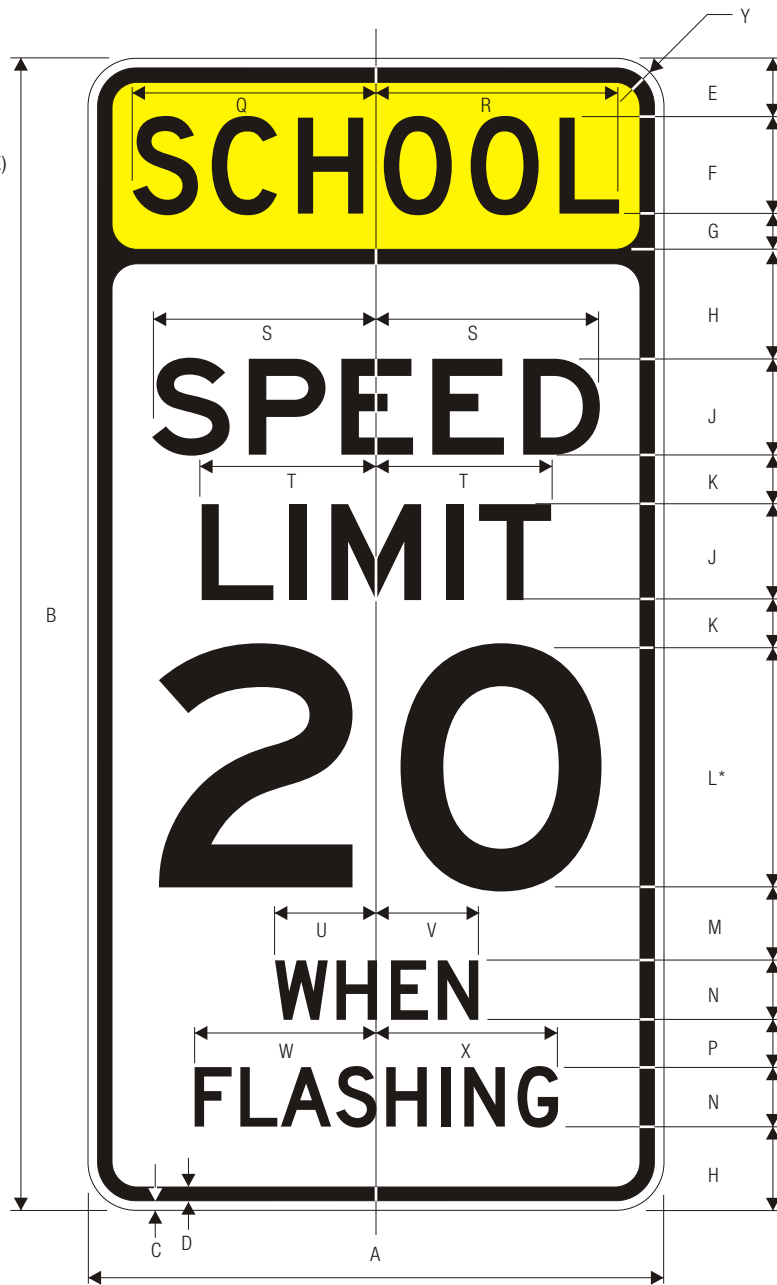
SHA SIGN SHALL NOT BE USED ALONG STATE OWNED, OPERATED AND MAINTAINED ROADWAYS.

*Series 2000 Standard Alphabets.

	A	B	C	D	E	F	G	H
C	24	10	.375	.625	3	4 D	10	1.5
	36	18	.625	.875	6	6 D	15	2.25

COLORS: LEGEND — BLACK
 BACKGROUND— WHITE (RETROREFLECTIVE)

YELLOW-GREEN FLUORESCENT (RETRO REFLECTIVE)
SHA BACKGROUND ~~OPTIONAL~~



*Optically space numerals about centerline

S5-1 SCHOOL SPEED LIMIT (WHEN FLASHING) (ENGLISH)

C

A	B	C	D	E	F	G	H	J	K	L	M
24	48	.375	.625	2.5	4 D	1.5	4	4 E	2	10 E	3
36	72	.625	.875	3.75	6 D	2.25	6	6 E	4	14 E	4
48	96	.75	1.25	5	8 D	3	8	8 E	6	16 E	6

N	P	Q	R	S	T	U	V	W	X	Y
2.5 D	2	10	10.25	9.563	7.438	5.188	5.125	9.188	9.625	1.5
4 D	2	15	15.375	14.375	11	6.938	6.813	12.25	12.875	2.25
5 D	4	20	20.5	19.125	14.625	10.375	10.25	18.5	19.188	3

TOP PANEL

BOTTOM PANEL

COLORS: LEGEND — BLACK

SHA BACKGROUND — FLUORESCENT YELLOW-GREEN (RETROFLECTIVE)

COLORS: LEGEND — BLACK

BACKGROUND — WHITE (RETROREFLECTIVE)

SHA REFERENCES

MdMUTCD SECTION - 7B.07, 7B.11



SIGN SIZE	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
MINIMUM	30	1/2	3/4	2-1/2	4D	1-1/4	1-1/2	2	4C	1-7/8
STANDARD	36	5/8	7/8	3	5D	1-1/2	1-3/8	2-1/2	5C	2-1/4

REFERENCES

MdMUTCD SECTION - 7B.18

COLORS

LEGEND

TOP - BLACK
MIDDLE - BLACK
BOTTOM - BLACK

BACKGROUND

TOP - FLUORESCENT YELLOW-GREEN
MIDDLE - WHITE
BOTTOM - FLUORESCENT YELLOW-GREEN

APPROVED Tom Hicks (signature on file)
DIRECTOR - OFFICE OF TRAFFIC AND SAFETY

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
MARYLAND STANDARD HIGHWAY SIGNS

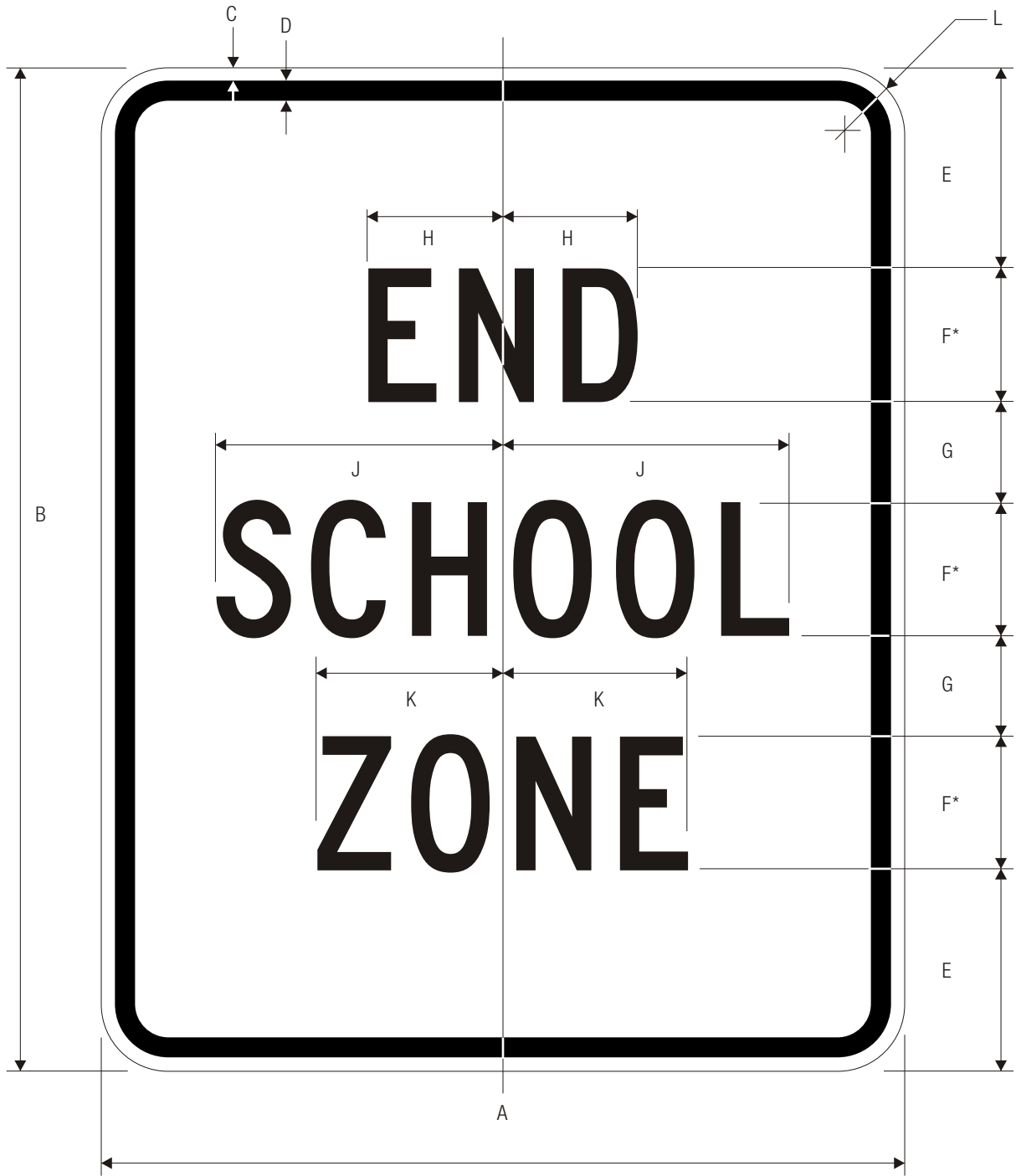


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REVISED	REVISED

SCHOOL PHOTO ENFORCED SPEED

SIGN NUMBER

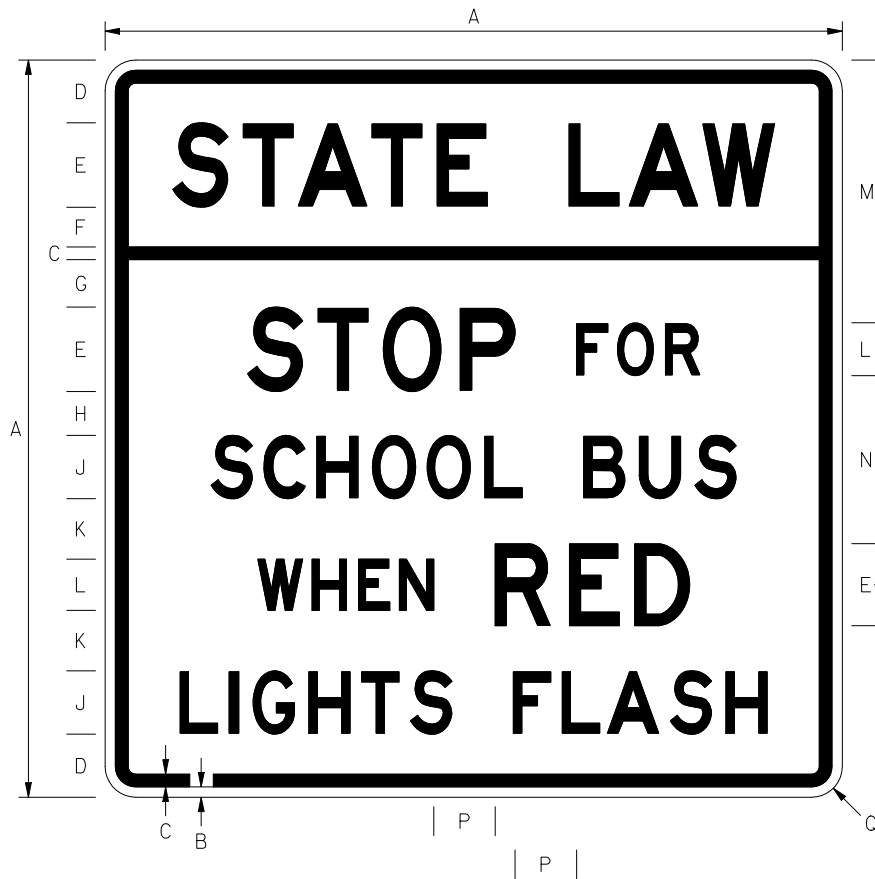
S5-1(1)



S5-2
END SCHOOL ZONE

*Series 2000 Standard Alphabets.

	A	B	C	D	E	F	G	H	J	K	L
C	24	30	.375	.625	6	4 C	3	4.023	8.566	5.143	1.5
	36	48	.625	.875	10	6 C	5	6.044	12.849	8.326	2.25



SIGN SIZE	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN	48	3/4	1-1/4	5	5D	3	3-1/4	2-1/2
STD	72	1	1-1/4	6-1/4	8D	4	4-3/4	4-1/2

SIGN SIZE	DIMENSIONS (INCHES)						
	J	K	L	M	N	P	Q
MIN	4D	3-1/2	3D	18-1/2	10	4	3
STD	6D	6	5D	25-3/4	16-1/2	6	3

REFERENCES

MdMUTCD SECTION - NONE

COLORS

LEGEND

TOP - BLACK
 BOTTOM - BLACK
 * 'RED' - RED

BACKGROUND

TOP - FLUORESCENT YELLOW
 BOTTOM - WHITE

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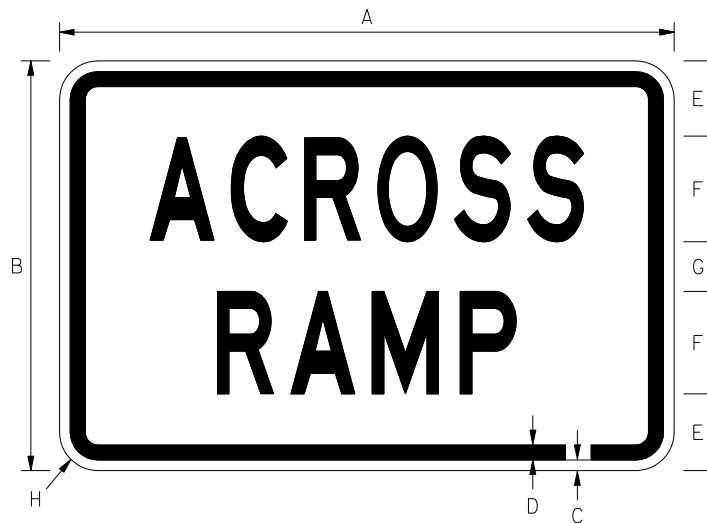


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REVISED	REVISED
REVISED	REVISED

STOP FOR SCHOOL BUS

SIGN NUMBER

S6-1(2)



SIGN SIZE	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
STD	36	24	5/8	7/8	4-1/2	6C	3	2-1/4
SPECIAL	48	30	3/4	1-1/4	5	8C	4	3

REFERENCES

MdMUTCD SECTION - 2C.43

COLORS

FOR USE AS WARNING SIGNS

LEGEND - BLACK
BACKGROUND - FLUORESCENT YELLOW

FOR USE AS SCHOOL SIGNS

LEGEND - BLACK
BACKGROUND - FLUORESCENT YELLOW-GREEN

FOR USE AS WORK AREA SIGNS

LEGEND - BLACK
BACKGROUND - FLUORESCENT ORANGE

APPROVED Tom Hicks (signature on file)
DIRECTOR - OFFICE OF TRAFFIC AND SAFETY

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MARYLAND STANDARD HIGHWAY SIGNS

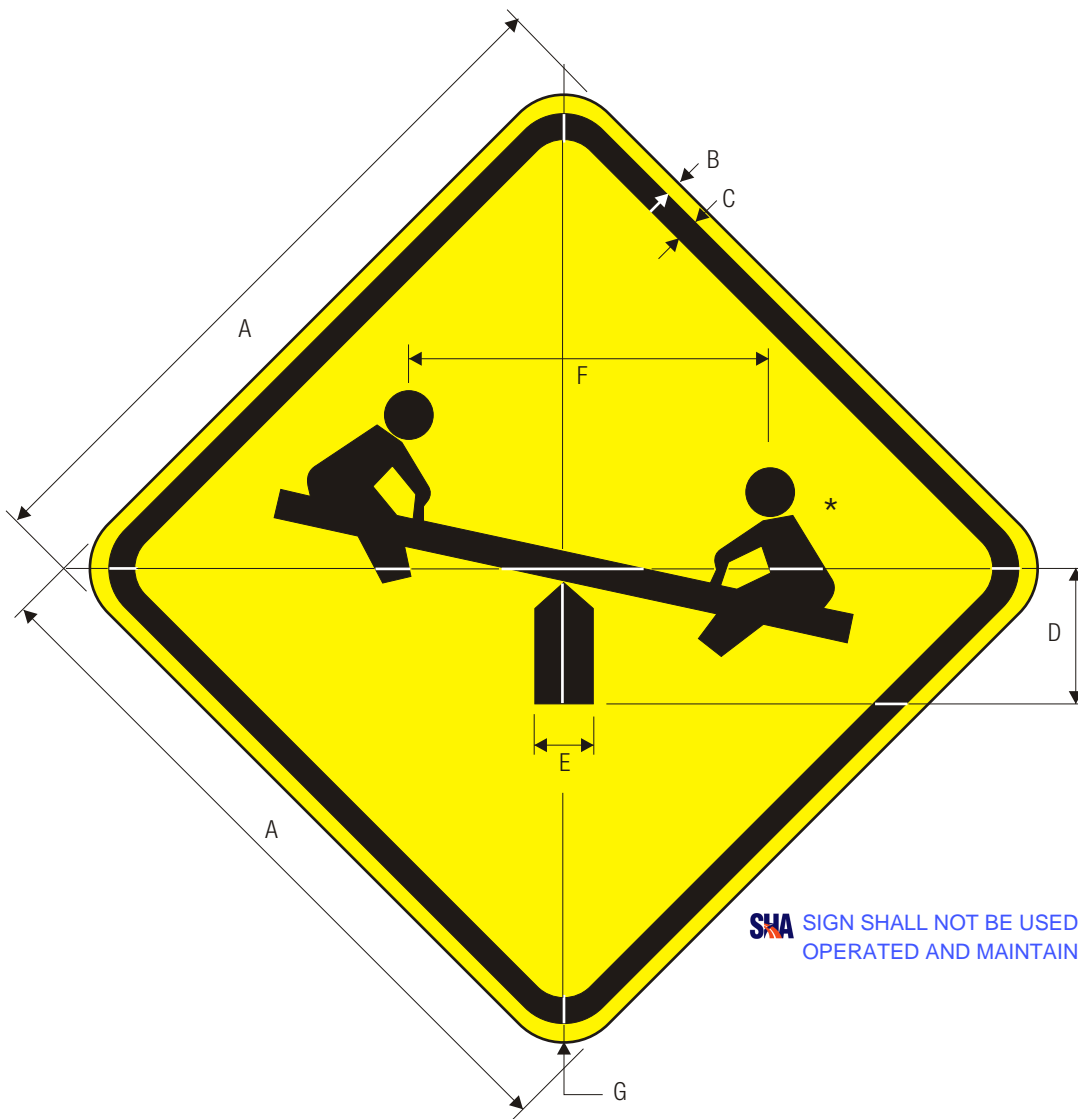


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REVISED	REVISED
REVISED	REVISED

ACROSS RAMP

SIGN NUMBER

W13-4(1)



SHA SIGN SHALL NOT BE USED ALONG STATE OWNED, OPERATED AND MAINTAINED ROADWAYS.

W15-1

PLAYGROUND

SHA *FOR SYMBOL DESIGN REFER TO THE APPENDIX-GRID SECTION FROM FHWA'S STANDARD HIGHWAY SIGNS BOOK -APPENDIX SECTION

**Option.

C

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

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