



**Washington State  
Department of Transportation**

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# **Sign Fabrication Manual**

**M 55-05**

**July 2021**

**Maintenance and Operations**  
Traffic Operations Office

**Americans with Disabilities Act (ADA) Information:** This material can be made available in an alternate format by emailing the Office of Equal Opportunity at [wsdotada@wsdot.wa.gov](mailto:wsdotada@wsdot.wa.gov) or by calling toll free, 855-362-4ADA(4232). Persons who are deaf or hard of hearing may make a request by calling the Washington State Relay at 711.

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# Suggestion Form

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Please submit your suggestion by mail or email to:

State Traffic Engineer - Signing  
WSDOT Field Operation Support Service Center  
P. O. Box 47344  
Olympia, WA 98504-7344  
Email: [mowldsr@wsdot.wa.gov](mailto:mowldsr@wsdot.wa.gov)

Use the reverse side of this form, attach a separate sheet of paper, or send via email.  
Clearly state your suggestion and the reasons why it would be an improvement.

Please provide the following information with your suggestion:

|                             |  |
|-----------------------------|--|
| Date Submitted              |  |
| Your Name                   |  |
| Your Organization           |  |
| Your Work Address/Mail Stop |  |
| City and Zip Code           |  |
| Your Work Phone Number      |  |
| Sign number(s)              |  |

We will contact you to be sure we clearly understand your suggestion, and we will keep you informed on how your suggestion will be handled.

## Traffic Office Response

Attached is the outcome of our evaluation and an explanation of how we will, or why we will not, implement your suggestion.

|                                     |  |
|-------------------------------------|--|
| Date of Response                    |  |
| Evaluator's Name                    |  |
| Evaluator's Telephone Number        |  |
| Evaluator's Signature               |  |
| Approved by: State Signing Engineer |  |

## Foreword

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This edition of the Sign Fabrication Manual has been prepared to assist sign fabricators, both public and private, in maintaining a uniform appearance of official highway signs.

The highway signs illustrated herein represent the signs currently in use in Washington State. Included are the signs contained in the Federal Standard Highway Signs Book and additional signs approved for use within the state. A section has also been included, for use in conjunction with the Manual on Uniform Traffic Control Devices, to assist designers with sign layouts.

Warning signs that are utilized for temporary traffic control shall have an orange (retroreflective) background with black (non-reflective) legend, borders, and/or symbols.

In this edition, most signs are drawn without horizontal dimensioning for layouts. Fabricators are to optically center layouts to achieve a balanced sign.

Letter fonts and colors are to be in accordance with the Manual on Uniform Traffic Control Devices. Standard Color Tolerance Charts are \$60 per color chart; or \$300 for a set of 6 color charts. Contact: Hale Color Charts, Inc., 3709 Ocean View Avenue, Los Angeles, CA 90066. Telephone: 800-777-1225. On the Web at: [www.halecolorcharts.com](http://www.halecolorcharts.com).

Updating the manual is a continuing process and revisions are issued periodically. Address orders, questions, and suggestions to the Engineering Publications Branch.

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\* denotes variable message sign

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\* denotes variable message sign



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\* denotes variable message sign

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\* denotes variable message sign

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\* denotes variable message sign

|        |                                                              |     |
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\* denotes variable message sign



|         |                                                                                                                      |     |
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\* denotes variable message sign

|         |                                                                                                           |     |
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\* denotes variable message sign

|         |                                                           |     |
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\* denotes variable message sign

|          |                                                            |     |
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\* denotes variable message sign

|          |                                                                          |     |
|----------|--------------------------------------------------------------------------|-----|
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\* denotes variable message sign

|             |                                                                    |     |
|-------------|--------------------------------------------------------------------|-----|
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\* denotes variable message sign

|          |                                                                                |     |
|----------|--------------------------------------------------------------------------------|-----|
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\* denotes variable message sign

## S SERIES

|         |                                                                                        |     |
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\* denotes variable message sign



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\* denotes variable message sign

|            |                                                        |     |
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\* denotes variable message sign

|          |                                          |     |
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\* denotes variable message sign

|          |                                                     |     |
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\* denotes variable message sign

|          |                                        |     |
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\* denotes variable message sign

|                         |                                                |            |
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\* denotes variable message sign

|                   |                                                                                                  |            |
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\* denotes variable message sign

|                   |                                |            |
|-------------------|--------------------------------|------------|
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\* denotes variable message sign



|                                   |     |
|-----------------------------------|-----|
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| APPENDIX E1 Express Lane Gate Arm | 763 |

\* denotes variable message sign

# D10-1, D10-2 & D10-3

12/06

## SINGLE FACED SIGNS



| SIGN  | DIMENSIONS (MILLIMETERS) |                        |                      |              |               |            |
|-------|--------------------------|------------------------|----------------------|--------------|---------------|------------|
|       | SIGN SIZE                | LETTER SIZE AND SERIES | NUM. SIZE AND SERIES | BORDER WIDTH | CORNER RADIUS | HOLE CTRS. |
| D10-1 | 250 X 450                | 100B                   | 150D                 | 13           | 25            | 375        |
|       | 300 X 600                | 100C                   | 250D                 | 19           | 38            | 525        |
| D10-2 | 250 X 675                | 100B                   | 150D                 | 13           | 25            | 600        |
|       | 300 X 900                | 100C                   | 250D                 | 19           | 38            | 825        |
| D10-3 | 250 X 900                | 100B                   | 150D                 | 13           | 25            | 825        |
|       | 300 X 1200               | 100C                   | 250D                 | 19           | 38            | 110        |

| SIGN  | DIMENSIONS (INCHES) |                        |                      |              |               |            |
|-------|---------------------|------------------------|----------------------|--------------|---------------|------------|
|       | SIGN SIZE           | LETTER SIZE AND SERIES | NUM. SIZE AND SERIES | BORDER WIDTH | CORNER RADIUS | HOLE CTRS. |
| D10-1 | 10 X 18             | 4B                     | 6D                   | 1/2          | 1             | 15         |
|       | 12 X 24             | 4C                     | 10D                  | 3/4          | 1 1/2         | 21         |
| D10-2 | 10 X 27             | 4B                     | 6D                   | 1/2          | 1             | 24         |
|       | 12 X 36             | 4C                     | 10D                  | 3/4          | 1 1/2         | 33         |
| D10-3 | 10 X 36             | 4B                     | 6D                   | 1/2          | 1             | 33         |
|       | 12 X 48             | 4C                     | 10D                  | 3/4          | 1 1/2         | 44         |

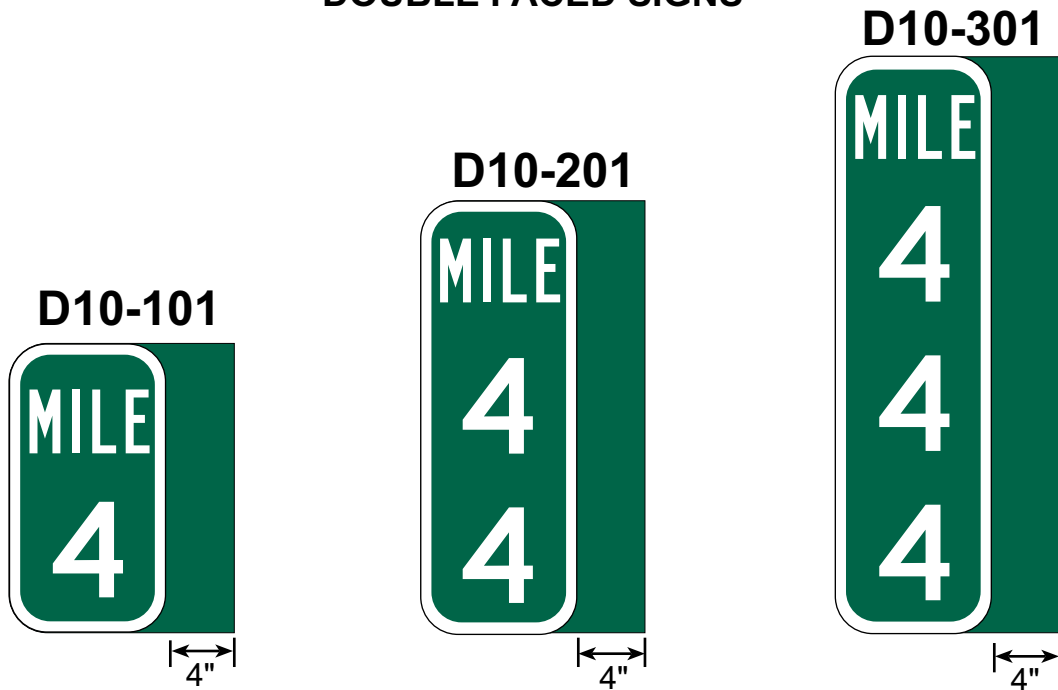
## COLORS

LEGEND & BORDER - WHITE (REFL)  
BACKGROUND - GREEN (REFL)

# D10-101, 201, 301

9/07

## DOUBLE FACED SIGNS



| SIGN    | DIMENSIONS (MILLIMETERS) |                        |                      |              |               |            |
|---------|--------------------------|------------------------|----------------------|--------------|---------------|------------|
|         | SIGN SIZE                | LETTER SIZE AND SERIES | NUM. SIZE AND SERIES | BORDER WIDTH | CORNER RADIUS | HOLE CTRS. |
| D10-101 | 350 X 450                | 100B                   | 150D                 | 13           | 25            | 375        |
| D10-201 | 350 X 675                | 100B                   | 150D                 | 13           | 25            | 600        |
| D10-301 | 350 X 900                | 100B                   | 150D                 | 13           | 25            | 825        |

| SIGN    | DIMENSIONS (INCHES) |                        |                      |              |               |            |
|---------|---------------------|------------------------|----------------------|--------------|---------------|------------|
|         | SIGN SIZE           | LETTER SIZE AND SERIES | NUM. SIZE AND SERIES | BORDER WIDTH | CORNER RADIUS | HOLE CTRS. |
| D10-101 | 14 X 18             | 4B                     | 6D                   | 1/2          | 1             | 15         |
| D10-201 | 14 X 27             | 4B                     | 6D                   | 1/2          | 1             | 24         |
| D10-301 | 14 X 36             | 4B                     | 6D                   | 1/2          | 1             | 33         |

## COLORS

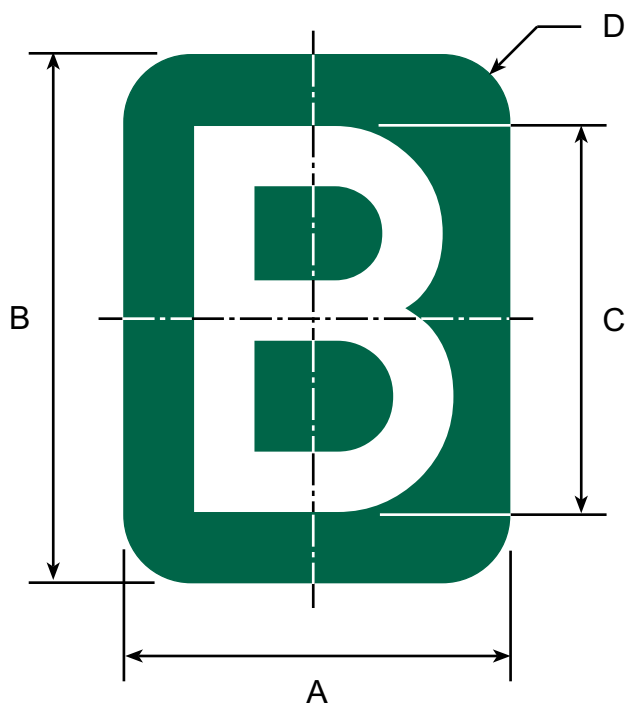
LEGEND & BORDER - WHITE (REFL)  
BACKGROUND & 4-INCH MOUNTING STRIP - GREEN (REFL)

# D10-401 & D10-501

12/06

## D10-401

BACK EQUATION PLAQUE



## D10-501

SPUR ROUTE PLAQUE



| DIMENSIONS (MILLIMETERS) |     |      |    |            |
|--------------------------|-----|------|----|------------|
| A                        | B   | C    | D  | HOLE CTRS. |
| 150                      | 200 | 150D | 25 | 175        |

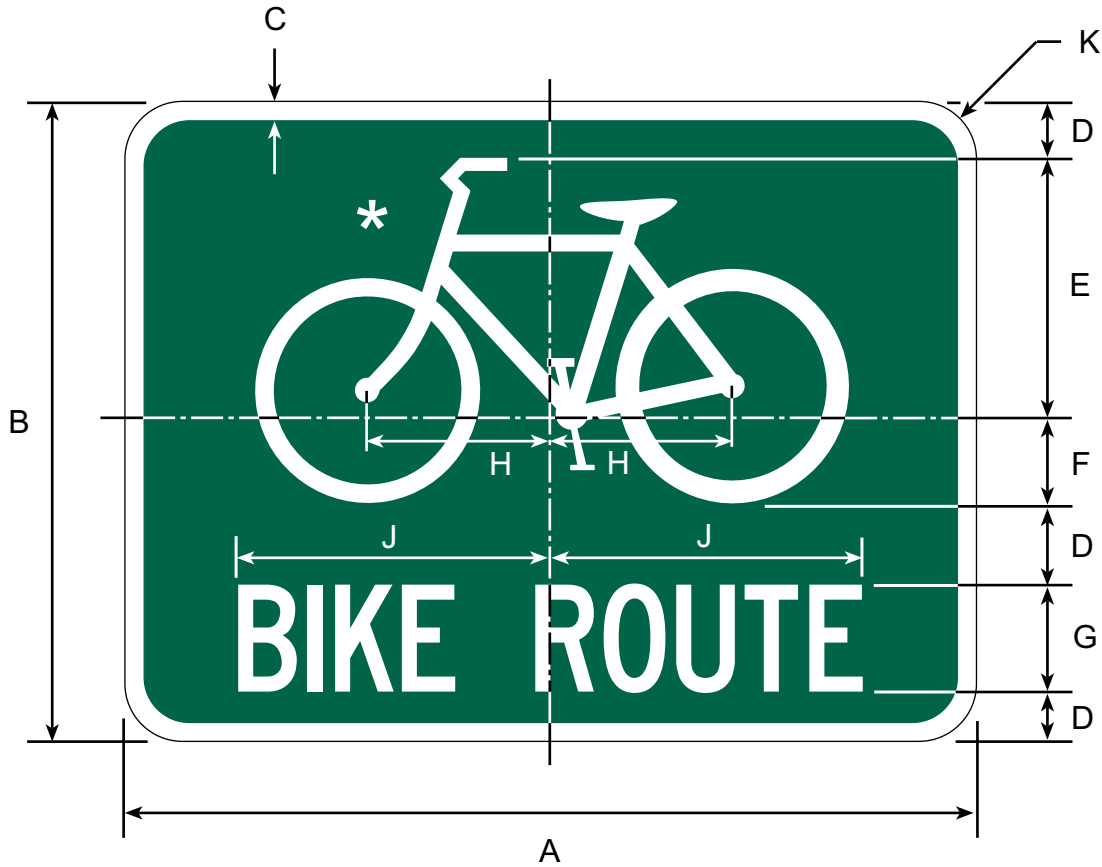
| DIMENSIONS (INCHES) |   |    |   |            |
|---------------------|---|----|---|------------|
| A                   | B | C  | D | HOLE CTRS. |
| 6                   | 8 | 6D | 1 | 7          |

## COLORS

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

# D11-1

12/06



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |     |    |    |     |     |      |     |     |    |
|--------------------------|-----|----|----|-----|-----|------|-----|-----|----|
| A                        | B   | C  | D  | E   | F   | G    | H   | J   | K  |
| 600                      | 450 | 13 | 38 | 175 | 88  | 75C  | 138 | 238 | 38 |
| 750                      | 600 | 16 | 47 | 219 | 109 | 100C | 172 | 313 | 38 |

| DIMENSIONS (INCHES) |    |     |       |       |       |    |       |        |       |
|---------------------|----|-----|-------|-------|-------|----|-------|--------|-------|
| A                   | B  | C   | D     | E     | F     | G  | H     | J      | K     |
| 24                  | 18 | 1/2 | 1 1/2 | 7     | 3 1/2 | 3C | 5 1/2 | 9 1/2  | 1 1/2 |
| 30                  | 24 | 5/8 | 1 7/8 | 8 3/4 | 4 3/8 | 4C | 6 7/8 | 12 1/2 | 1 1/2 |

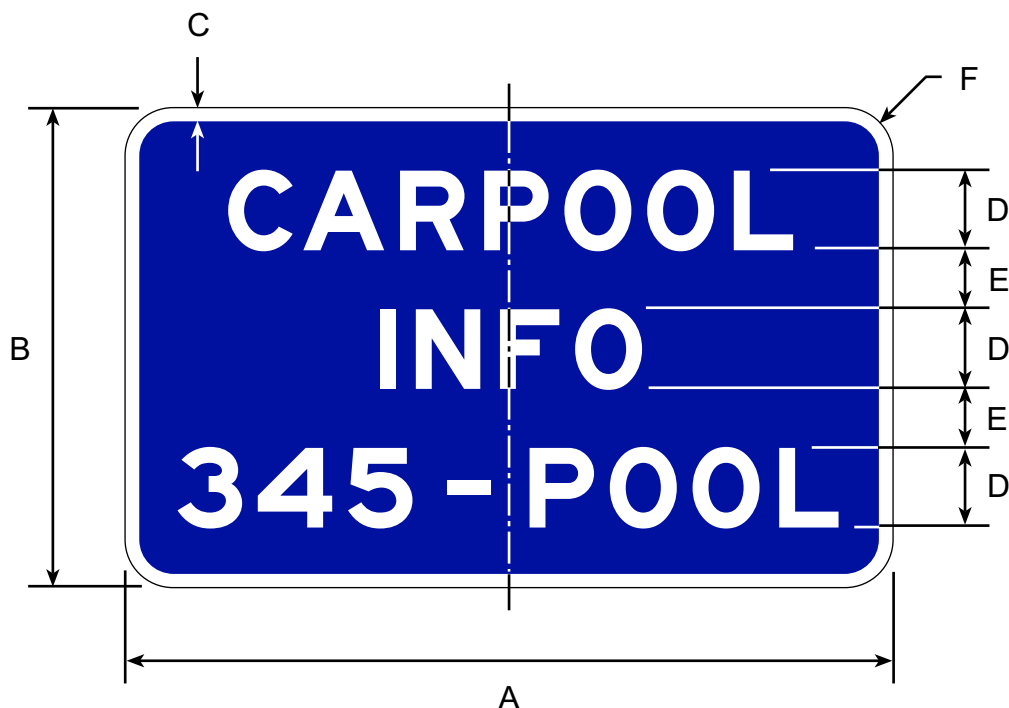
## COLORS

LEGEND & BORDER - WHITE (REFL)

BACKGROUND - GREEN (REFL)

# D12-201

12/06



NOTE: DISPLAY TELEPHONE NUMBER SHOWN ON THE PLANS

| DIMENSIONS (MILLIMETERS) |      |    |      |     |     |            |
|--------------------------|------|----|------|-----|-----|------------|
| A                        | B    | C  | D    | E   | F   | HOLE CTRS. |
| 1200                     | 750  | 19 | 125E | 100 | 56  | 600        |
| 1500                     | 1200 | 25 | 150E | 150 | 75  | 750        |
| 1800                     | 1350 | 38 | 200E | 175 | 100 | 1050       |

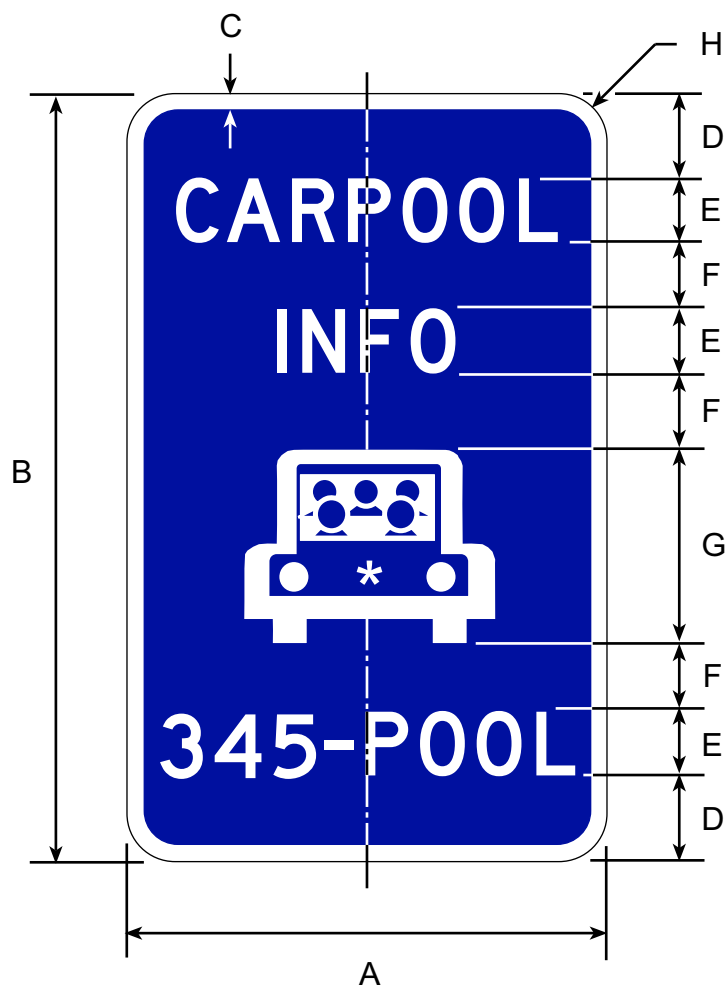
| DIMENSIONS (INCHES) |    |       |    |   |       |            |
|---------------------|----|-------|----|---|-------|------------|
| A                   | B  | C     | D  | E | F     | HOLE CTRS. |
| 48                  | 30 | 3/4   | 5E | 4 | 2 1/4 | 24         |
| 60                  | 48 | 1     | 6E | 6 | 3     | 30         |
| 72                  | 54 | 1 1/2 | 8E | 7 | 4     | 42         |

## COLORS

LEGEND & BORDER - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

# D12-202

12/06



\* SEE APPENDIX FOR SYMBOL DESIGN

NOTE: DISPLAY TELEPHONE NUMBER SHOWN ON THE PLANS

| DIMENSIONS (MILLIMETERS) |      |    |     |      |     |     |     |            |
|--------------------------|------|----|-----|------|-----|-----|-----|------------|
| A                        | B    | C  | D   | E    | F   | G   | H   | HOLE CTRS. |
| 750                      | 1200 | 19 | 150 | 100D | 100 | 300 | 113 | 750        |

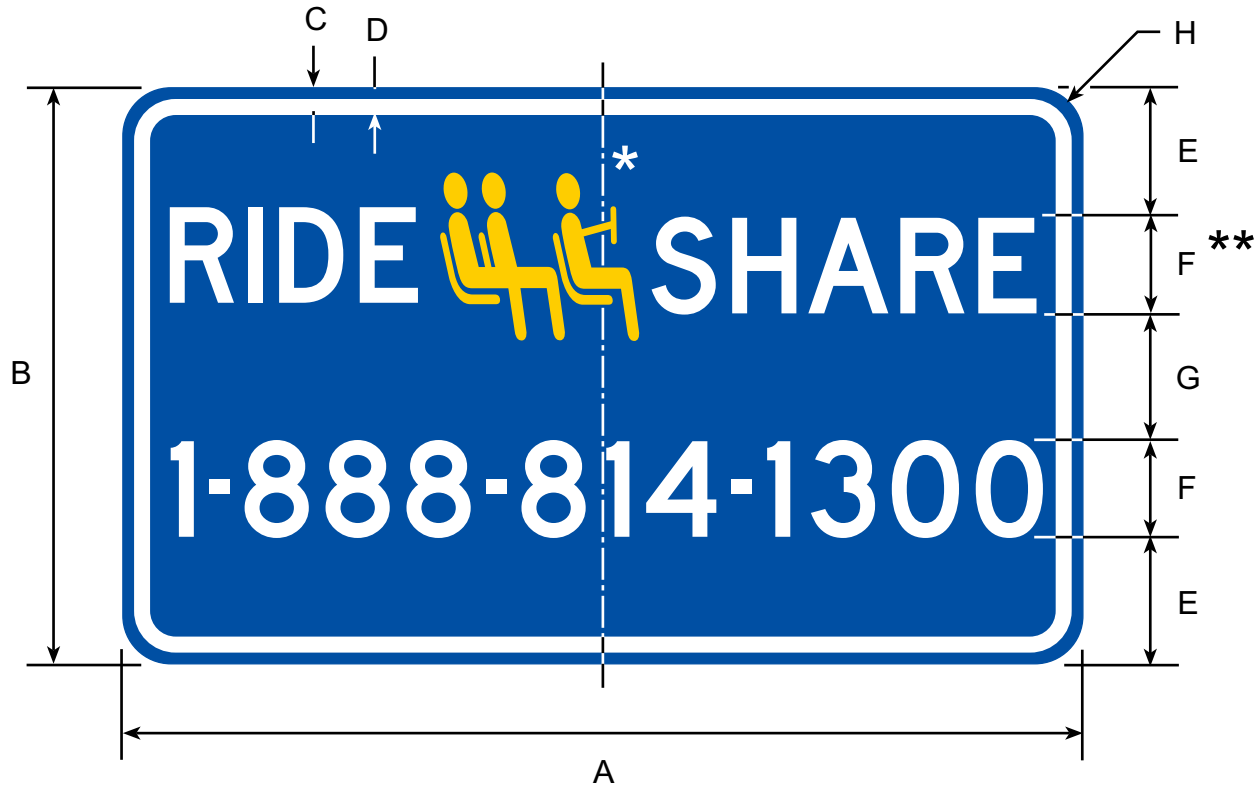
| DIMENSIONS (INCHES) |    |     |   |    |   |    |       |            |
|---------------------|----|-----|---|----|---|----|-------|------------|
| A                   | B  | C   | D | E  | F | G  | H     | HOLE CTRS. |
| 30                  | 48 | 3/4 | 6 | 4D | 4 | 12 | 4 1/2 | 30         |

## COLORS

LEGEND & BORDER - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

# D12-203

6/08



\* SEE APPENDIX FOR SYMBOL DESIGN

\*\* - 30% REDUCED SPACING

| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |     |     |
|--------------------------|-----|----|----|-----|------|-----|-----|
| A                        | B   | C  | D  | E   | F    | G   | H   |
| 900                      | 600 | 13 | 19 | 138 | 100D | 125 | 50  |
| 1500                     | 900 | 19 | 31 | 200 | 150D | 200 | 100 |

| DIMENSIONS (INCHES) |    |     |       |       |    |   |   |
|---------------------|----|-----|-------|-------|----|---|---|
| A                   | B  | C   | D     | E     | F  | G | H |
| 36                  | 24 | 1/2 | 3/4   | 5 1/2 | 4D | 5 | 2 |
| 60                  | 36 | 3/4 | 1 1/4 | 8     | 6D | 8 | 4 |

## COLORS

LEGEND & BORDER - WHITE (REFL)

BACKGROUND - BLUE (REFL)

SYMBOL - YELLOW (REFL)



# D13-1

1/06



1 1/16" x 36" 1/2" x 0.45" PIANO  
HINGE COVERED TO MATCH SIGN

| DIMENSIONS (MILLIMETERS) |     |   |     |      |     |    |
|--------------------------|-----|---|-----|------|-----|----|
| A                        | B   | C | D   | E    | F   | G  |
| 900                      | 750 | 9 | 125 | 200C | 100 | 38 |

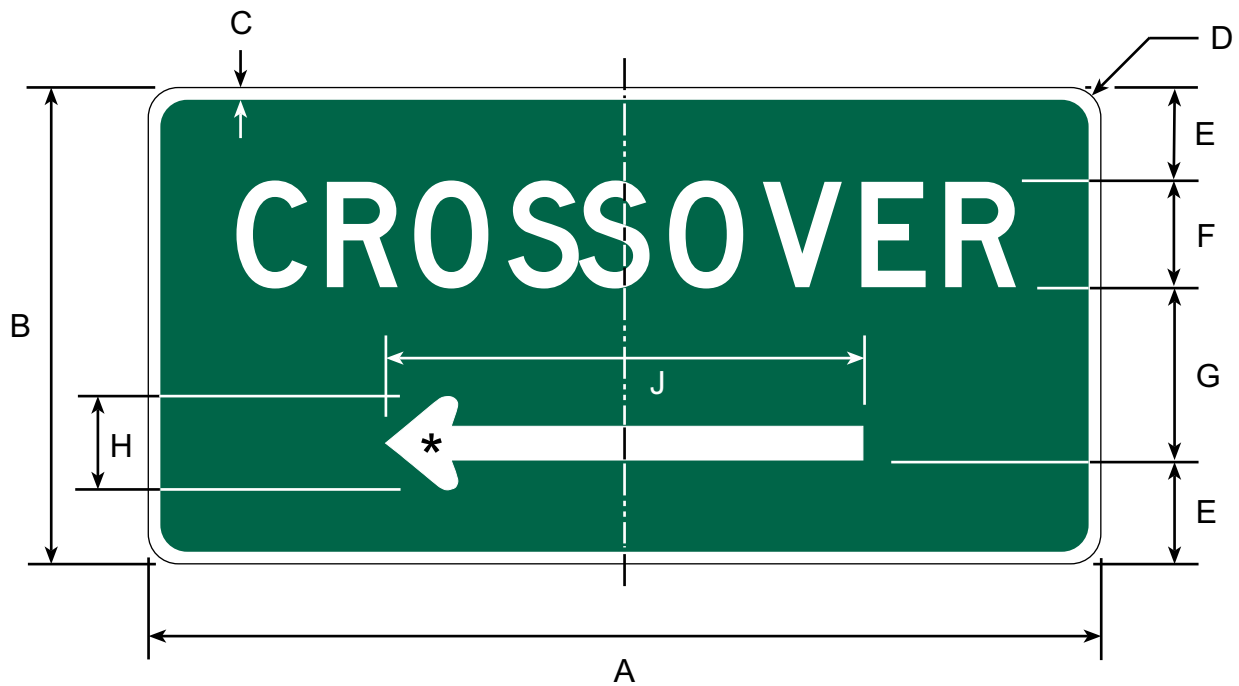
| DIMENSIONS (INCHES) |    |     |   |    |   |       |
|---------------------|----|-----|---|----|---|-------|
| A                   | B  | C   | D | E  | F | G     |
| 36                  | 30 | 3/8 | 5 | 8C | 4 | 1 1/2 |

## COLORS

LEGEND & BORDER - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

# D13-2

1/06



\* SEE APPENDIX FOR ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |     |     |     |
|--------------------------|-----|----|----|-----|------|-----|-----|-----|
| A                        | B   | C  | D  | E   | F    | G   | H   | J   |
| 1500                     | 750 | 19 | 47 | 150 | 150D | 300 | 150 | 750 |
| 1800                     | 900 | 25 | 50 | 175 | 200D | 350 | 200 | 900 |

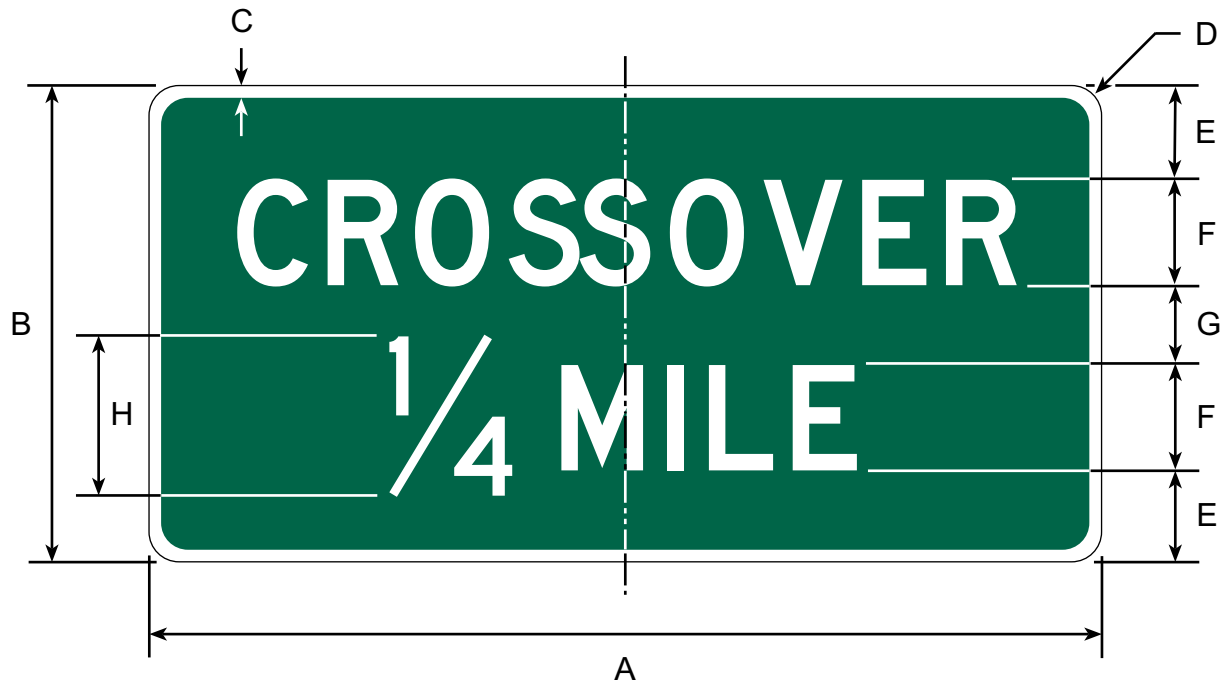
| DIMENSIONS (INCHES) |    |     |       |   |    |    |   |    |
|---------------------|----|-----|-------|---|----|----|---|----|
| A                   | B  | C   | D     | E | F  | G  | H | J  |
| 60                  | 30 | 3/4 | 1 7/8 | 6 | 6D | 12 | 6 | 30 |
| 72                  | 36 | 1   | 2     | 7 | 8D | 14 | 8 | 36 |

## COLORS

LEGEND & BORDER - WHITE (REFL)  
BACKGROUND - GREEN (REFL)

# D13-3

12/05



| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |     |     |
|--------------------------|-----|----|----|-----|------|-----|-----|
| A                        | B   | C  | D  | E   | F    | G   | H   |
| 1500                     | 750 | 19 | 47 | 150 | 150D | 150 | 225 |
| 1800                     | 900 | 25 | 50 | 175 | 200D | 150 | 300 |

| DIMENSIONS (INCHES) |    |     |       |   |    |   |    |
|---------------------|----|-----|-------|---|----|---|----|
| A                   | B  | C   | D     | E | F  | G | H  |
| 60                  | 30 | 3/4 | 1 7/8 | 6 | 6D | 6 | 9  |
| 72                  | 36 | 1   | 2     | 7 | 8D | 6 | 12 |

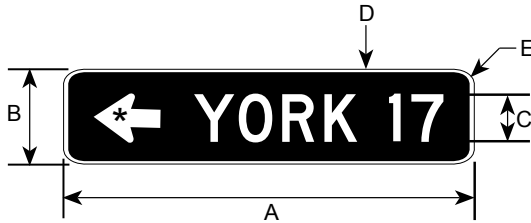
## COLORS

LEGEND & BORDER - WHITE (REFL)  
BACKGROUND - GREEN (REFL)

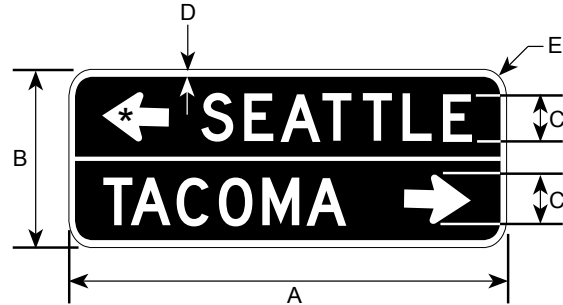
# D1-101 & D1-201 & D1-301

10/97

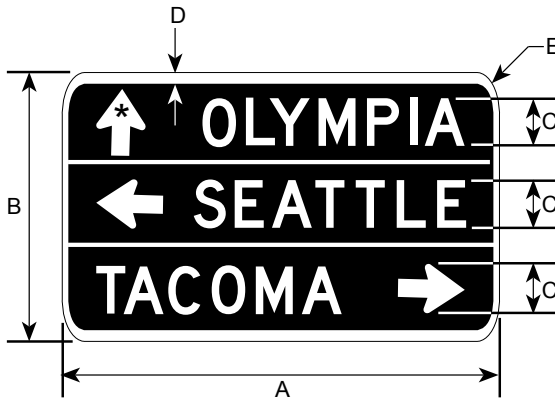
## D1-101



## D1-201



## D1-301



\* SEE APPENDIX FOR STANDARD DETAILS

SERIES D LETTERS ARE STANDARD.  
SERIES C MAY BE USED AS A MINIMUM.

DELETE SEPARATION BORDER WHEN  
DESTINATIONS ARE IN SAME DIRECTIONS.

| DIMENSIONS (MILLIMETERS) |               |     |     |      |    |    |
|--------------------------|---------------|-----|-----|------|----|----|
| SIGN CODE                | MESSAGE LINES | A   | B   | C    | D  | E  |
| D1-101                   | 1             | VAR | 300 | 150D | 19 | 38 |
| D1-201                   | 2             | VAR | 600 | 150D | 19 | 38 |
| D1-301                   | 3             | VAR | 900 | 150D | 19 | 38 |

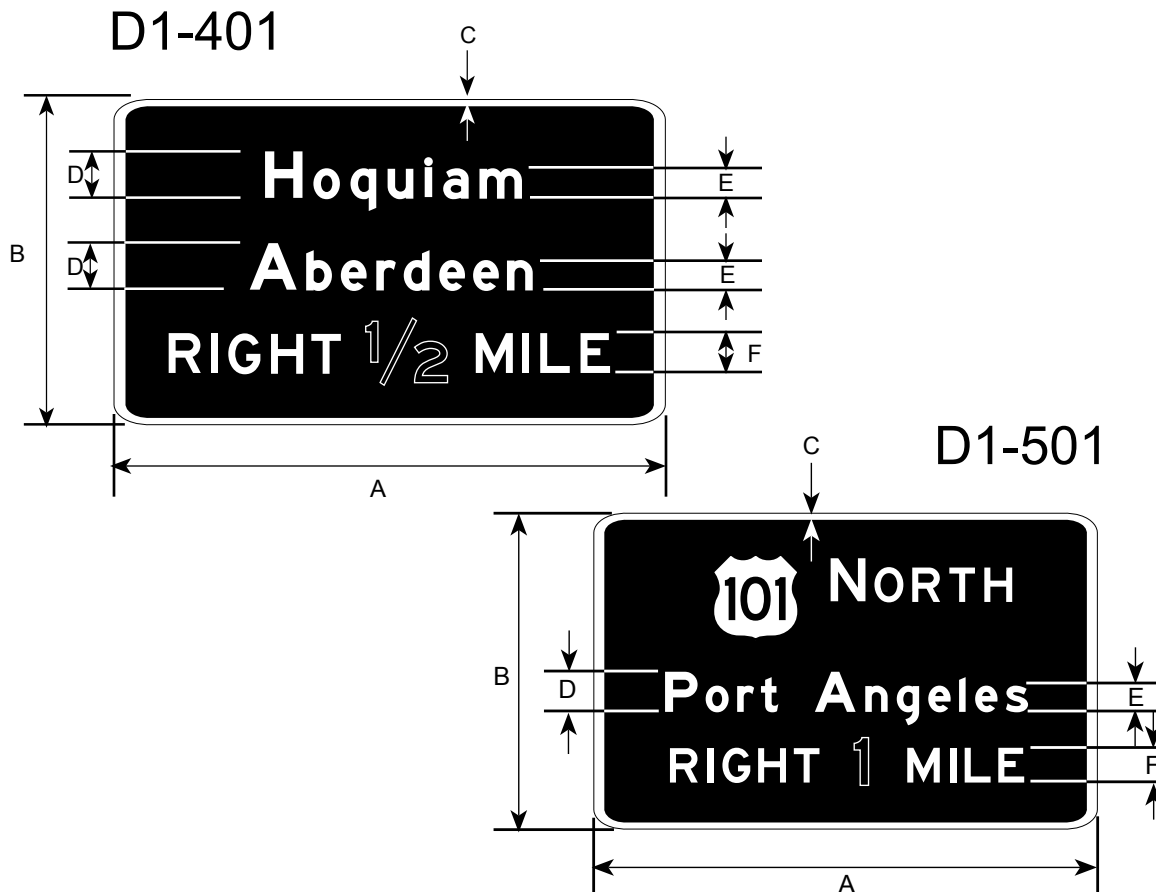
| DIMENSIONS (INCHES) |               |     |    |    |     |       |
|---------------------|---------------|-----|----|----|-----|-------|
| SIGN CODE           | MESSAGE LINES | A   | B  | C  | D   | E     |
| D1-101              | 1             | VAR | 12 | 6D | 3/4 | 1 1/2 |
| D1-201              | 2             | VAR | 24 | 6D | 3/4 | 1 1/2 |
| D1-301              | 3             | VAR | 36 | 6D | 3/4 | 1 1/2 |

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL)

# D1-401 & D1-501

4/03



| DIMENSIONS (MILLIMETERS) |     |     |    |       |       |      |               |             |                    |             |
|--------------------------|-----|-----|----|-------|-------|------|---------------|-------------|--------------------|-------------|
| SIZE CODE                | A   | B   | C  | D     | E     | F    | FRACTION SIZE | SHIELD SIZE | CARDINAL DIRECTION | NUMBER SIZE |
| A                        | VAR | VAR | 38 | 200EM | 150EM | 150E | 150E          | 450         | 200E/150E          | 200E        |
| B                        | VAR | VAR | 38 | 265EM | 200EM | 200E | 200E          | 600         | 250E/200E          | 250E        |
| C                        | VAR | VAR | 50 | 333EM | 250EM | 250E | 250E          | 900         | 300E/250E          | 300E        |
| D                        | VAR | VAR | 50 | 400EM | 300EM | 300E | 300E          | 900         | 375E/300E          | 375E        |

| DIMENSIONS (INCHES) |     |     |       |        |      |     |               |             |                    |             |
|---------------------|-----|-----|-------|--------|------|-----|---------------|-------------|--------------------|-------------|
| SIZE CODE           | A   | B   | C     | D      | E    | F   | FRACTION SIZE | SHIELD SIZE | CARDINAL DIRECTION | NUMBER SIZE |
| A                   | VAR | VAR | 1 1/2 | 8EM    | 6EM  | 6E  | 6E            | 18          | 8E/6E              | 8E          |
| B                   | VAR | VAR | 1 1/2 | 10.6EM | 8EM  | 8E  | 8E            | 24          | 10E/8E             | 10E         |
| C                   | VAR | VAR | 2     | 13.3EM | 10EM | 10E | 10E           | 36          | 12E/10E            | 12E         |
| D                   | VAR | VAR | 2     | 16EM   | 12EM | 12E | 12E           | 36          | 15E/12E            | 15E         |

**COLORS**  
 LEGEND — WHITE (REFL)  
 BACKGROUND — GREEN (REFL)

# D1-601 & D1-602 & D1-603

1/06

## D1-601



## D1-602



## D1-603



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |             |      |                 |
|--------------------------|-------------|------|-----------------|
| SIZE<br>CODE             | LETTER SIZE |      | BORDER<br>WIDTH |
|                          | U.C.        | L.C. |                 |
| A                        | 200         | 150  | 38              |
| B                        | 265         | 200  | 38              |
| C                        | 333         | 250  | 50              |
| D                        | 400         | 300  | 50              |

| DIMENSIONS (INCHES) |             |      |                 |
|---------------------|-------------|------|-----------------|
| SIZE<br>CODE        | LETTER SIZE |      | BORDER<br>WIDTH |
|                     | U.C.        | L.C. |                 |
| A                   | 8           | 6    | 1 1/2           |
| B                   | 10.6        | 8    | 1 1/2           |
| C                   | 13.3        | 10   | 2               |
| D                   | 16          | 12   | 2               |

## COLORS

LEGEND — WHITE (REFL)  
 BACKGROUND — GREEN (REFL)  
 BACKGROUND — BROWN (REFL)  
 (Brown, National or State Parks Only)

# D1-701

5/06



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |       |     |    |           |       |        |
|--------------------------|-------|-----|----|-----------|-------|--------|
| SIZE CODE                | A     | B   | C  | D         | E     | F      |
| A                        | 200EM | 450 | 38 | 200E/150E | 150EM | 1 OR 2 |
| B                        | 265EM | 600 | 38 | 250E/200E | 200EM | 3 OR 4 |
| C                        | 333EM | 900 | 50 | 300E/250E | 250EM | 3 OR 4 |
| D                        | 400EM | 900 | 50 | 375E/300E | 300EM | 5 OR 6 |

| DIMENSIONS (INCHES) |        |    |       |         |      |        |
|---------------------|--------|----|-------|---------|------|--------|
| SIZE CODE           | A      | B  | C     | D       | E    | F      |
| A                   | 8EM    | 18 | 1 1/2 | 8E/6E   | 6EM  | 1 OR 2 |
| B                   | 10.6EM | 24 | 1 1/2 | 10E/8E  | 8EM  | 3 OR 4 |
| C                   | 13.3EM | 36 | 2     | 12E/10E | 10EM | 3 OR 4 |
| D                   | 16EM   | 36 | 2     | 15E/12E | 12EM | 5 OR 6 |

WHITE ON BROWN MAY BE SPECIFIED ON THE PLANS FOR RECREATIONAL SIGNING. HOWEVER, BROWN SHALL NOT BE USED WITH A NUMBERED HIGHWAY ROUTE DESIGNATION ON THE SIGN.

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL)

# D1-801 & D1-901

12/05

## D1-801



## D1-901



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |             |      |                    |             |                    |        |              |            |
|--------------------------|-------------|------|--------------------|-------------|--------------------|--------|--------------|------------|
| SIZE CODE                | LETTER SIZE |      | CARDINAL DIRECTION | SHIELD SIZE | VERTICAL DIMENSION |        | BORDER WIDTH | ARROW SIZE |
|                          | U.C.        | L.C. |                    |             | D1-801             | D1-901 |              |            |
| A                        | 200         | 150  | 200E/150E          | 450         | 2400               | 1200   | 38           | 1          |
| B                        | 265         | 200  | 250E/200E          | 600         | 3000               | 1500   | 50           | 3          |

| DIMENSIONS (INCHES) |             |      |                    |             |                    |        |              |            |
|---------------------|-------------|------|--------------------|-------------|--------------------|--------|--------------|------------|
| SIZE CODE           | LETTER SIZE |      | CARDINAL DIRECTION | SHIELD SIZE | VERTICAL DIMENSION |        | BORDER WIDTH | ARROW SIZE |
|                     | U.C.        | L.C. |                    |             | D1-801             | D1-901 |              |            |
| A                   | 8           | 6    | 8E/6E              | 18          | 96                 | 48     | 1 1/2        | 1          |
| B                   | 10.6        | 8    | 10E/8E             | 24          | 120                | 60     | 2            | 3          |

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL)



# D3-101

10/97



| DIMENSIONS (MILLIMETERS) |     |    |      |      |    |
|--------------------------|-----|----|------|------|----|
| A                        | B   | C  | D    | E    | F  |
| VA                       | 200 | 16 | 75D  | 100D | 38 |
| VA                       | 300 | 22 | 100D | 150D | 56 |
| VA                       | 400 | 31 | 150D | 200D | 75 |

| DIMENSIONS (INCHES) |    |       |    |    |       |
|---------------------|----|-------|----|----|-------|
| A                   | B  | C     | D  | E  | F     |
| VA                  | 8  | 5/8   | 3D | 4D | 1 1/2 |
| VA                  | 12 | 7/8   | 4D | 6D | 2 1/4 |
| VA                  | 16 | 1 1/4 | 6D | 8D | 3     |

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL)

# D3-102

12/05



| DIMENSIONS (MILLIMETERS) |     |      |      |
|--------------------------|-----|------|------|
| A                        | B   | C    | D    |
| VAR                      | 150 | 100D | 50D  |
| VAR                      | 225 | 150C | 100C |
| VAR                      | 300 | 200C | 150C |

| DIMENSIONS ( INCHES ) |    |    |    |
|-----------------------|----|----|----|
| A                     | B  | C  | D  |
| VAR                   | 6  | 4D | 2D |
| VAR                   | 9  | 6C | 4C |
| VAR                   | 12 | 8C | 6C |

## COLORS

LEGEND — WHITE (REFL)  
 BACKGROUND — GREEN (REFL)

# D3-103

10/00

## DOUBLE FACED STREET NAME SIGN



NOTE: 4" MOUNTING AREA IS GREEN REFLECTIVE SHEETING

| DIMENSIONS (MILLIMETERS) |     |    |      |    |
|--------------------------|-----|----|------|----|
| A                        | B   | C  | D    | E  |
| VAR                      | 400 | 19 | 150D | 38 |

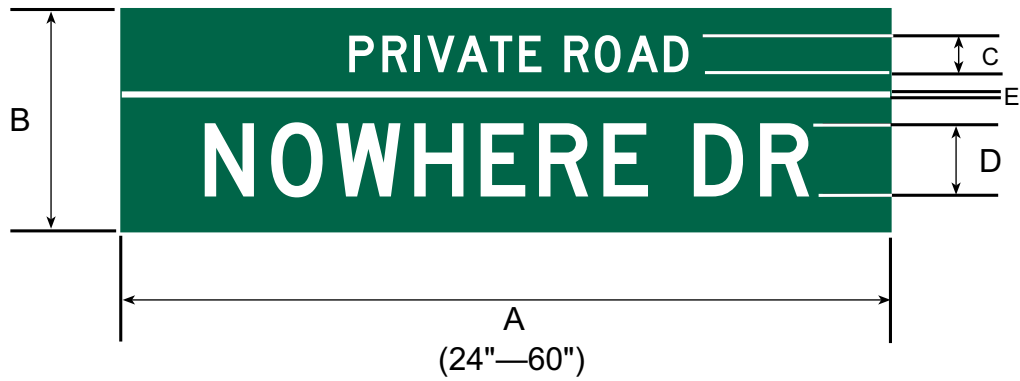
| DIMENSIONS (INCHES) |    |     |    |       |
|---------------------|----|-----|----|-------|
| A                   | B  | C   | D  | E     |
| VAR                 | 16 | 3/4 | 6D | 1 1/2 |

### COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL)

# D3-104

12/05



| DIMENSIONS (MILLIMETERS) |     |     |      |    |
|--------------------------|-----|-----|------|----|
| A                        | B   | C   | D    | E  |
| VAR                      | 300 | 50D | 150C | 16 |

| DIMENSIONS (INCHES) |    |    |     |     |
|---------------------|----|----|-----|-----|
| A                   | B  | C  | D   | E   |
| VAR                 | 12 | 2D | 6C* | 5/8 |

\* 6C PREFERRED, 6B ALLOWED IF NECESSARY

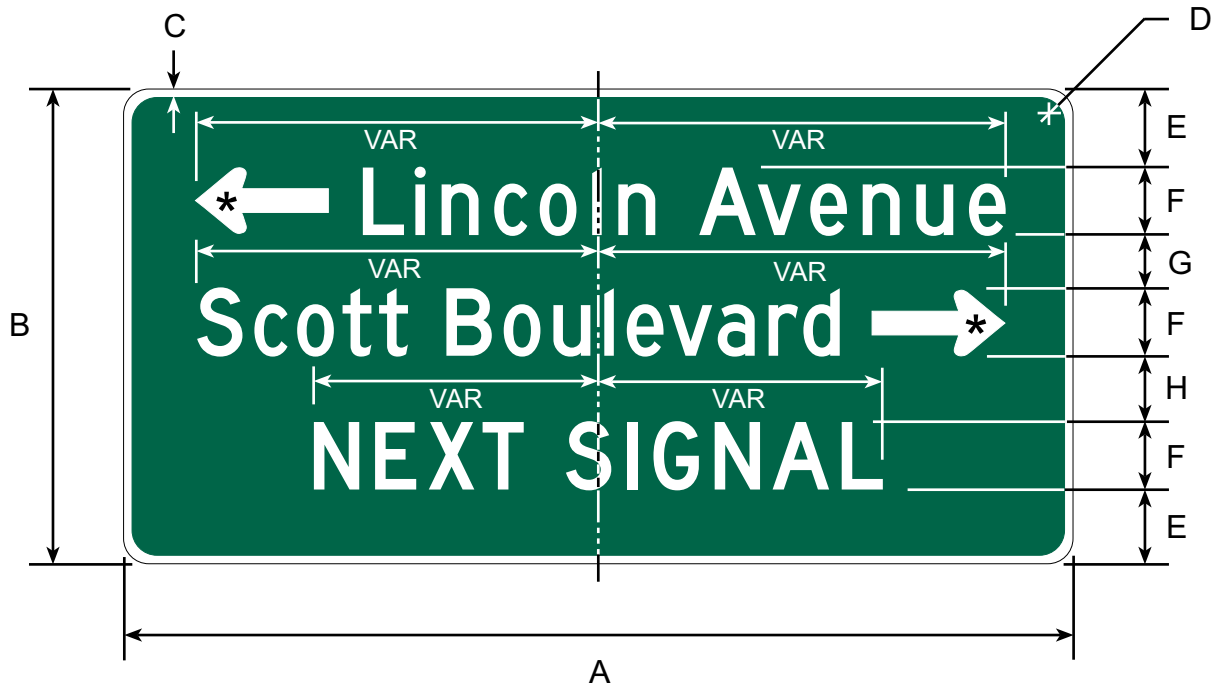
## COLORS

LEGEND, SEPARATION BAR—WHITE (REFL)

BACKGROUND—GREEN (REFL)

# D3-2

1/06



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |     |
|--------------------------|------|----|----|-----|------|-----|-----|
| A                        | B    | C  | D  | E   | F    | G   | H   |
| VAR                      | 1050 | 19 | 56 | 175 | 150D | 100 | 150 |
| VAR                      | 1350 | 25 | 75 | 163 | 150D | 100 | 113 |

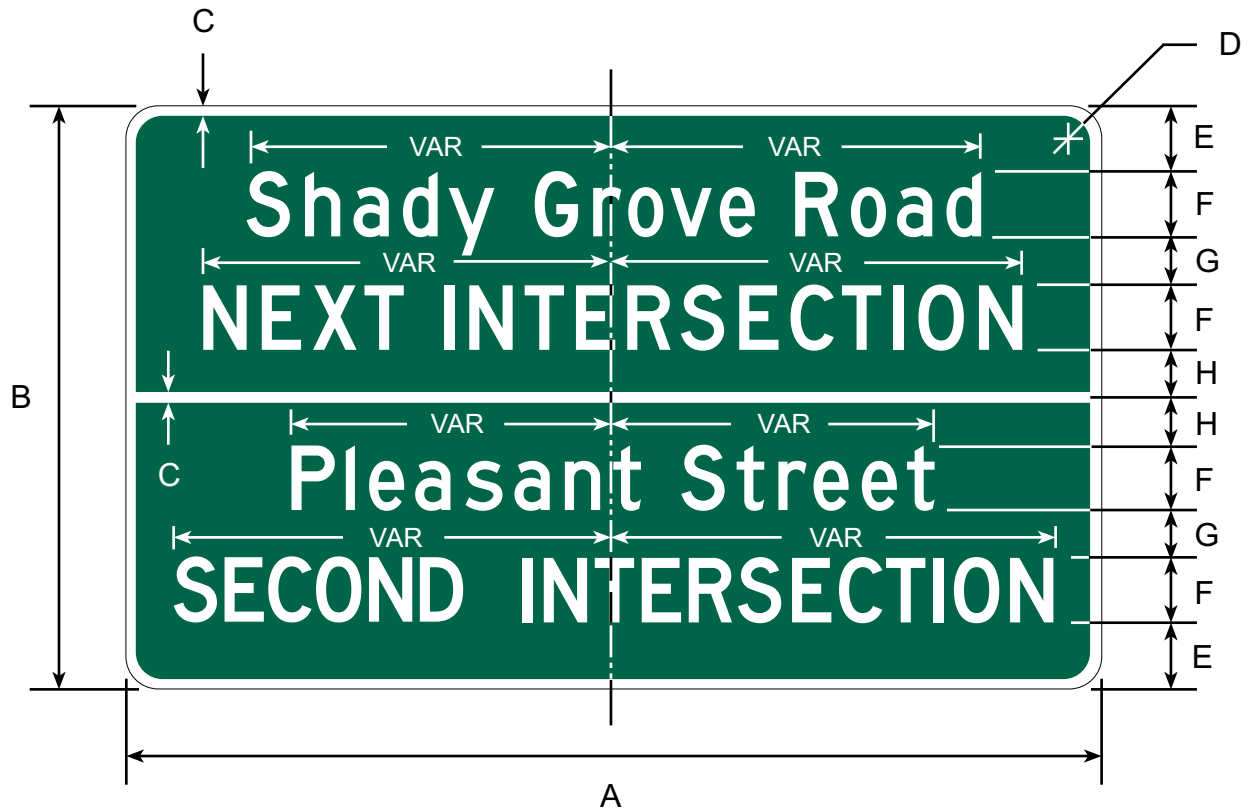
| DIMENSIONS (INCHES) |    |     |       |       |    |   |       |
|---------------------|----|-----|-------|-------|----|---|-------|
| A                   | B  | C   | D     | E     | F  | G | H     |
| VAR                 | 42 | 3/4 | 2 1/4 | 7     | 6D | 4 | 6     |
| VAR                 | 54 | 1   | 3     | 6 1/2 | 6D | 4 | 4 1/2 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - GREEN (REFL)

# D3-2A

1/06



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |     |
|--------------------------|------|----|----|-----|------|-----|-----|
| A                        | B    | C  | D  | E   | F    | G   | H   |
| VAR                      | 1350 | 25 | 75 | 150 | 150D | 113 | 113 |

| DIMENSIONS (INCHES) |    |   |   |   |    |       |       |
|---------------------|----|---|---|---|----|-------|-------|
| A                   | B  | C | D | E | F  | G     | H     |
| VAR                 | 54 | 1 | 3 | 6 | 6D | 4 1/2 | 4 1/2 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - GREEN (REFL)

# D3-201

12/05



NOTE: SERIES C LETTERS MAY BE USED WHEN SPECIFIED ON THE PLANS

| DIMENSIONS (MILLIMETERS) |     |      |
|--------------------------|-----|------|
| A                        | B   | C    |
| VAR                      | 150 | 100D |
| VAR                      | 225 | 125D |
| VAR                      | 300 | 150D |
| VAR                      | 400 | 200D |

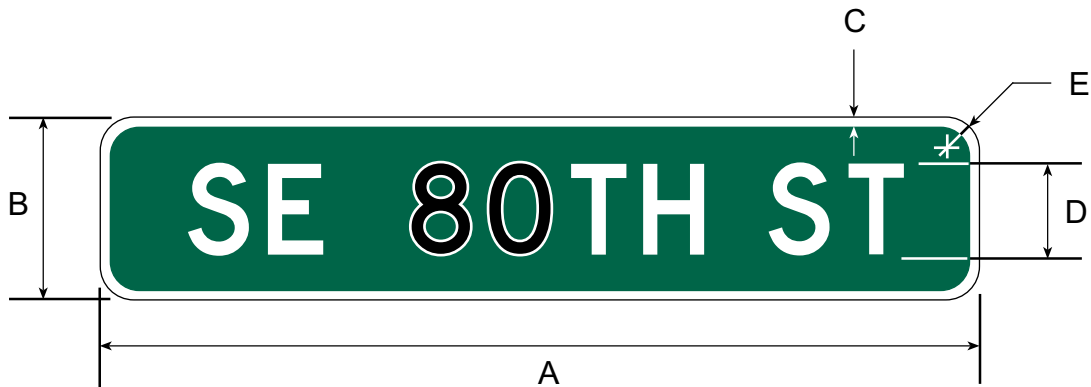
| DIMENSIONS (INCHES) |    |    |
|---------------------|----|----|
| A                   | B  | C  |
| VAR                 | 6  | 4D |
| VAR                 | 9  | 5D |
| VAR                 | 12 | 6D |
| VAR                 | 16 | 8D |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# D3-301

12/05



| DIMENSIONS (MILLIMETERS) |     |    |      |    |
|--------------------------|-----|----|------|----|
| A                        | B   | C  | D    | E  |
| VAR                      | 300 | 19 | 150D | 38 |
| VAR                      | 400 | 19 | 200D | 38 |

| DIMENSIONS (INCHES) |    |     |    |       |
|---------------------|----|-----|----|-------|
| A                   | B  | C   | D  | E     |
| VAR                 | 12 | 3/4 | 6D | 1 1/2 |
| VAR                 | 16 | 3/4 | 8D | 1 1/2 |

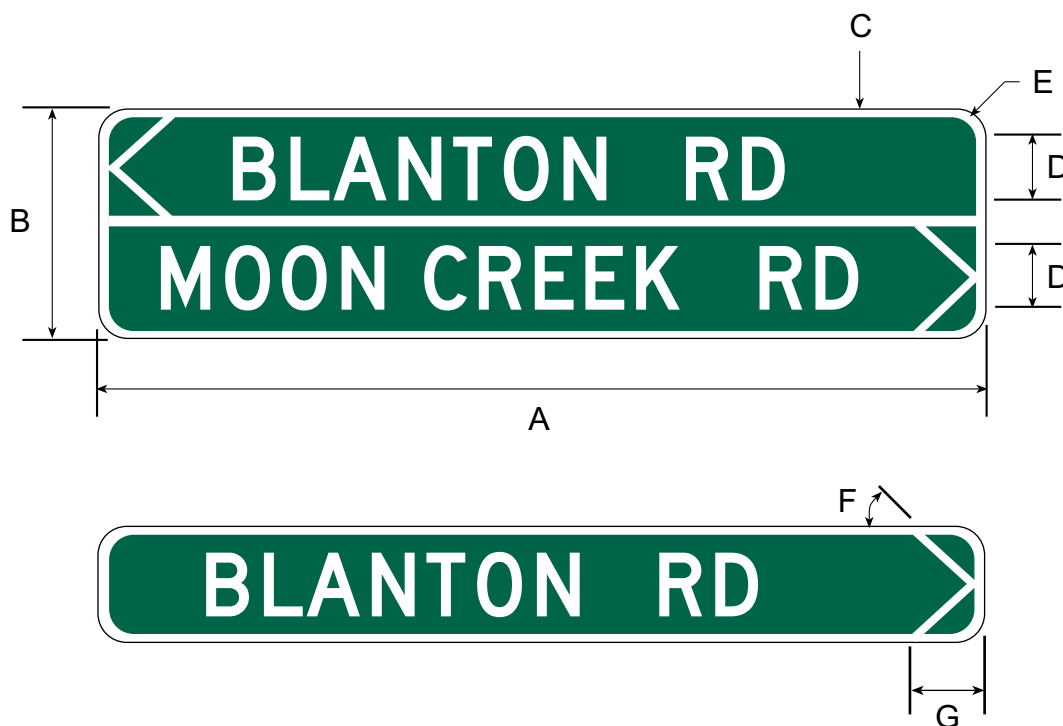
## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL)



# D3-302

12/05



| DIMENSIONS (MILLIMETERS) |     |     |    |      |    |     |     |
|--------------------------|-----|-----|----|------|----|-----|-----|
|                          | A   | B   | C  | D    | E  | F   | G   |
| 1 LINE                   | VAR | 300 | 19 | 150D | 38 | 45° | 150 |
| 1 LINE                   | VAR | 400 | 19 | 200D | 38 | 45° | 200 |
| 2 LINES                  | VAR | 600 | 19 | 150D | 38 | 45° | 200 |
| 2 LINES                  | VAR | 750 | 19 | 200D | 38 | 45° | 200 |

| DIMENSIONS (INCHES) |     |    |     |    |       |     |   |
|---------------------|-----|----|-----|----|-------|-----|---|
|                     | A   | B  | C   | D  | E     | F   | G |
| 1 LINE              | VAR | 12 | 3/4 | 6D | 1 1/2 | 45° | 6 |
| 1 LINE              | VAR | 16 | 3/4 | 8D | 1 1/2 | 45° | 8 |
| 2 LINES             | VAR | 24 | 3/4 | 6D | 1 1/2 | 45° | 8 |
| 2 LINES             | VAR | 30 | 3/4 | 8D | 1 1/2 | 45° | 8 |

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL)

# D3-401

12/05



| DIMENSIONS (MILLIMETERS) |     |    |      |             |                    |          |          |    |
|--------------------------|-----|----|------|-------------|--------------------|----------|----------|----|
| A                        | B   | C  | D    | SHIELD SIZE | NUM. SIZE & SERIES |          |          | E  |
|                          |     |    |      |             | 1 DIGIT            | 2 DIGITS | 3 DIGITS |    |
| VAR                      | 300 | 22 | 150D | 181 X 200   | 150C               | 125C     | 100C     | 56 |
| VAR                      | 450 | 31 | 200D | 272 X 300   | 125C               | 75C      | 63C      | 75 |

| DIMENSIONS (INCHES) |    |       |    |             |                    |          |          |       |
|---------------------|----|-------|----|-------------|--------------------|----------|----------|-------|
| A                   | B  | C     | D  | SHIELD SIZE | NUM. SIZE & SERIES |          |          | E     |
|                     |    |       |    |             | 1 DIGIT            | 2 DIGITS | 3 DIGITS |       |
| VAR                 | 12 | 7/8   | 6D | 7 1/4 X 8   | 6C                 | 5C       | 4C       | 2 1/4 |
| VAR                 | 18 | 1 1/4 | 8D | 10 7/8 X 12 | 5C                 | 3C       | 2 1/2C   | 3     |

## COLORS

LEGEND - WHITE (REFL)  
 SHIELD NUMBERS - BLACK (NON-REFL)  
 BACKGROUND - GREEN (REFL)

# D4-1

10/97



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |     |   |    |      |     |     |     |    |     |    |     |
|--------------------------|-----|---|----|------|-----|-----|-----|----|-----|----|-----|
| A                        | B   | C | D  | E    | F   | G   | H   | J  | K   | L  | M   |
| 750                      | 600 | 9 | 16 | 375E | 113 | 75E | 253 | 63 | 225 | 38 | 181 |

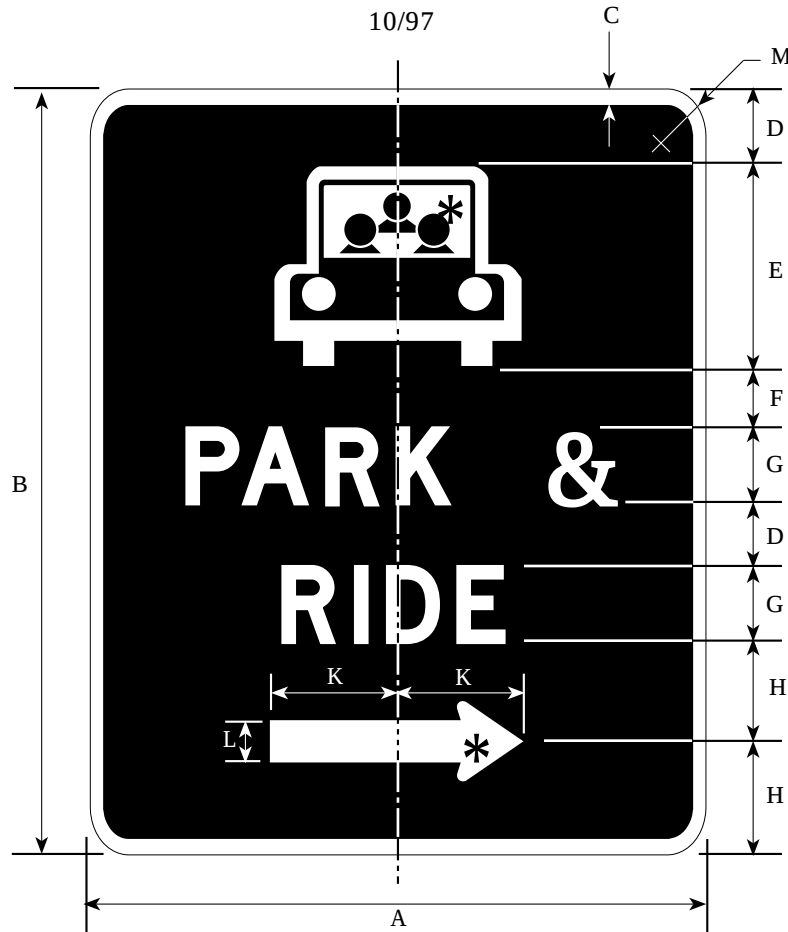
| DIMENSIONS (INCHES) |    |     |     |     |       |    |        |       |   |       |       |
|---------------------|----|-----|-----|-----|-------|----|--------|-------|---|-------|-------|
| A                   | B  | C   | D   | E   | F     | G  | H      | J     | K | L     | M     |
| 30                  | 24 | 3/8 | 5/8 | 15E | 4 1/2 | 3E | 10 1/8 | 2 1/2 | 9 | 1 1/2 | 7 1/4 |

## COLORS

LEGEND - GREEN (NON REFL)  
BACKGROUND - WHITE (REFL)

# D4-2

10/97



\* SEE APPENDIX FOR SYMBOL DESIGN AND STANDARD ARROW DETAILS  
CENTER CAR SYMBOL IF NO TRANSIT SYMBOL IS USED

| DIMENSIONS (MILLIMETERS) |      |    |     |     |    |      |     |     |    |    |
|--------------------------|------|----|-----|-----|----|------|-----|-----|----|----|
| A                        | B    | C  | D   | E   | F  | G    | H   | K   | L  | M  |
| 600                      | 750  | 16 | 50  | 200 | 75 | 75D  | 113 | 150 | 28 | 38 |
| 750                      | 900  | 19 | 75  | 225 | 75 | 100D | 125 | 175 | 38 | 47 |
| 900                      | 1200 | 22 | 100 | 275 | 75 | 150D | 175 | 225 | 56 | 56 |

| DIMENSIONS (INCHES) |    |     |   |    |   |    |       |   |       |       |
|---------------------|----|-----|---|----|---|----|-------|---|-------|-------|
| A                   | B  | C   | D | E  | F | G  | H     | K | L     | M     |
| 24                  | 30 | 5/8 | 2 | 8  | 3 | 3D | 4 1/2 | 6 | 1 1/8 | 1 1/2 |
| 30                  | 36 | 3/4 | 3 | 9  | 3 | 4D | 5     | 7 | 1 1/2 | 1 7/8 |
| 36                  | 48 | 7/8 | 4 | 11 | 3 | 6D | 7     | 9 | 2 1/4 | 2 1/4 |

## COLORS

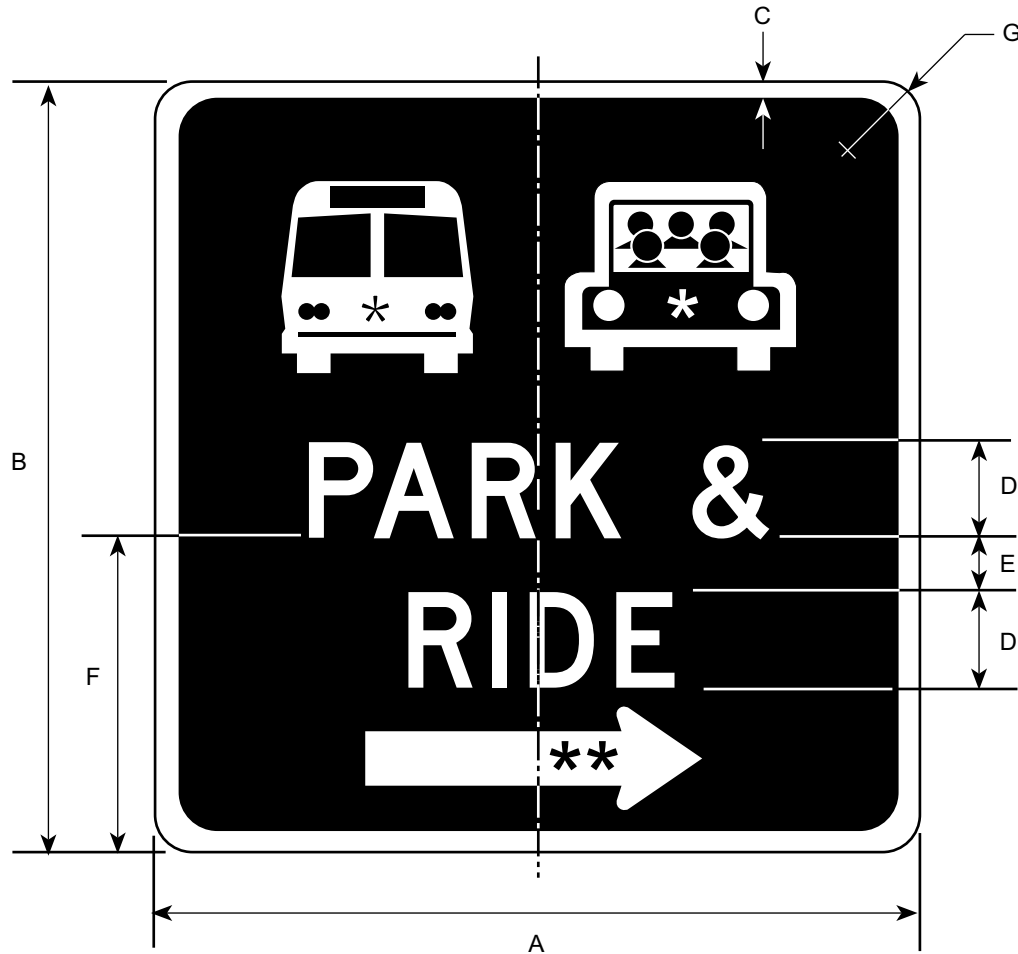
LEGEND, ARROW, & BORDER - WHITE (REFL.)

SYMBOL - WHITE & GREEN (REFL.)

BACKGROUND - GREEN (REFL.)

# D4-301

10/97



\* SEE APPENDIX FOR SYMBOL DESIGN

\*\* SEE APPENDIX FOR ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |     |    |     |    |     |    |
|--------------------------|-----|----|-----|----|-----|----|
| A                        | B   | C  | D   | E  | F   | G  |
| 600                      | 600 | 16 | 75D | 50 | 300 | 38 |

| DIMENSIONS (INCHES) |    |     |    |   |    |       |
|---------------------|----|-----|----|---|----|-------|
| A                   | B  | C   | D  | E | F  | G     |
| 24                  | 24 | 5/8 | 3D | 2 | 12 | 1 1/2 |

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL)

# D4-401

12/05



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |      |    |       |      |     |
|--------------------------|------|----|-------|------|-----|
| A                        | B    | C  | ARROW | D    | E   |
| 1500                     | 1200 | 19 | #2    | 150D | 75  |
| 2400                     | 1800 | 38 | #4    | 200D | 225 |

| DIMENSIONS (INCHES) |    |       |       |    |   |
|---------------------|----|-------|-------|----|---|
| A                   | B  | C     | ARROW | D  | E |
| 60                  | 48 | 3/4   | #2    | 6D | 3 |
| 96                  | 72 | 1 1/2 | #4    | 8D | 9 |

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL)

# D5-101

10/97



| DIMENSIONS (MILLIMETERS) |      |    |      |     |     |     |               |
|--------------------------|------|----|------|-----|-----|-----|---------------|
| A                        | B    | C  | D    | E   | F   | G   | FRACTION SIZE |
| 2400                     | 900  | 38 | 200E | 250 | 138 | 100 | 150           |
| 3000                     | 1200 | 50 | 250E | 300 | 200 | 150 | 200           |
| 3600                     | 1500 | 50 | 300E | 375 | 263 | 150 | 250           |

| DIMENSIONS (INCHES) |    |       |     |    |        |   |               |
|---------------------|----|-------|-----|----|--------|---|---------------|
| A                   | B  | C     | D   | E  | F      | G | FRACTION SIZE |
| 96                  | 36 | 1 1/2 | 8E  | 10 | 5 1/2  | 4 | 6             |
| 120                 | 48 | 2     | 10E | 12 | 8      | 6 | 8             |
| 144                 | 60 | 2     | 12E | 15 | 10 1/2 | 6 | 10            |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

# D5-102

6/03



| DIMENSIONS (MILLIMETERS) |     |    |      |     |     |
|--------------------------|-----|----|------|-----|-----|
| A                        | B   | C  | D    | E   | F   |
| 2400                     | 600 | 19 | 150E | 88  | 75  |
| 3000                     | 900 | 38 | 200E | 113 | 100 |

| DIMENSIONS (INCHES) |    |       |    |       |   |
|---------------------|----|-------|----|-------|---|
| A                   | B  | C     | D  | E     | F |
| 96                  | 24 | 3/4   | 6E | 3 1/2 | 3 |
| 120                 | 36 | 1 1/2 | 8E | 5 1/2 | 4 |

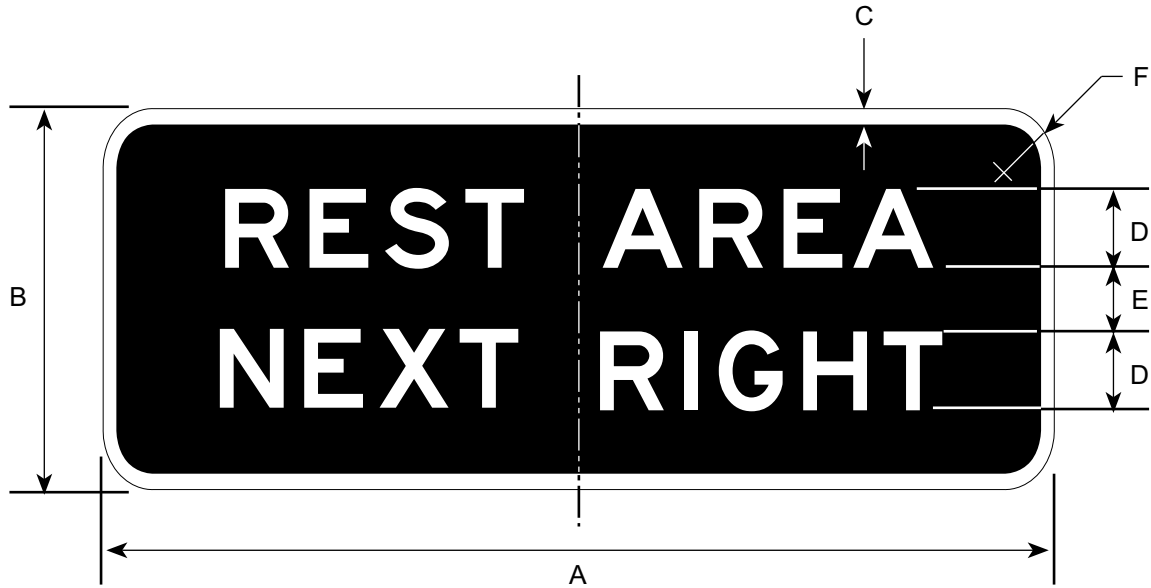
## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BLUE (REFL)



# D5-103

10/97



| DIMENSIONS (MILLIMETERS) |      |    |      |     |     |
|--------------------------|------|----|------|-----|-----|
| A                        | B    | C  | D    | E   | F   |
| 2400                     | 900  | 38 | 200E | 138 | 100 |
| 3000                     | 1200 | 50 | 250E | 200 | 150 |
| 3600                     | 1500 | 50 | 300E | 263 | 150 |

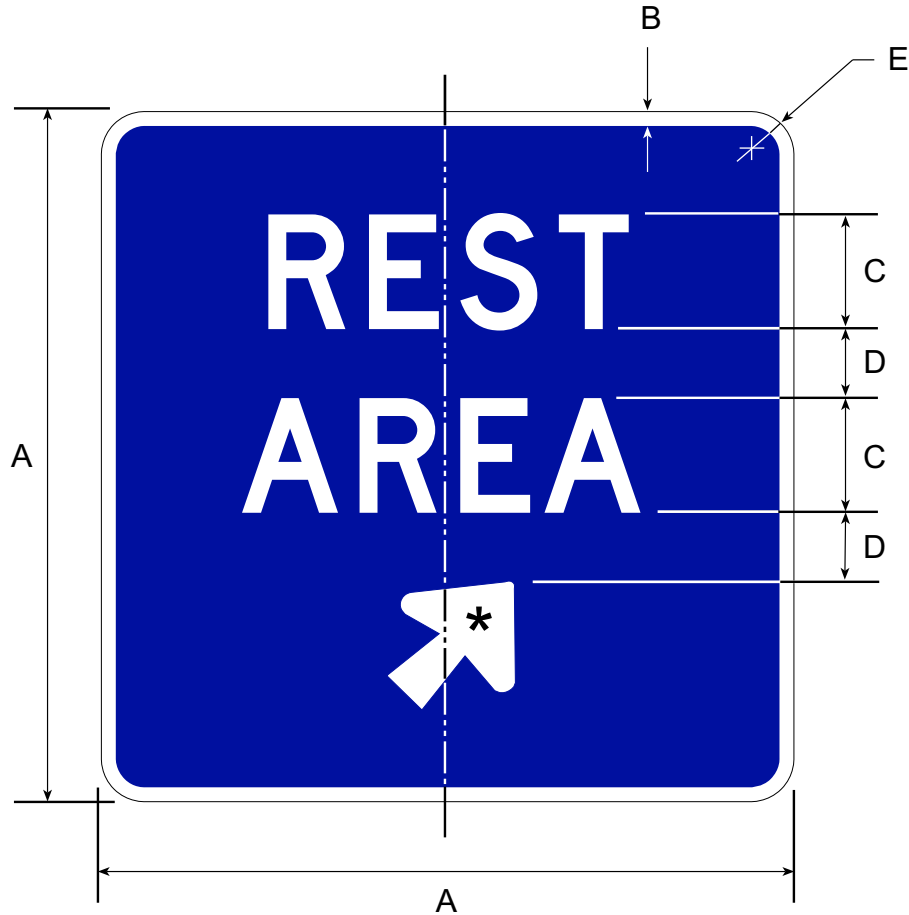
| DIMENSIONS (INCHES) |    |       |     |        |   |
|---------------------|----|-------|-----|--------|---|
| A                   | B  | C     | D   | E      | F |
| 96                  | 36 | 1 1/2 | 8E  | 5 1/2  | 4 |
| 120                 | 48 | 2     | 10E | 8      | 6 |
| 144                 | 60 | 2     | 12E | 10 1/2 | 6 |

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — BLUE (REFL)

# D5-201

12/05



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |    |      |     |     |               |
|--------------------------|----|------|-----|-----|---------------|
| A                        | B  | C    | D   | E   | ARROW<br>SIZE |
| 1200                     | 38 | 200D | 100 | 100 | 1             |
| 1500                     | 50 | 250D | 125 | 150 | 3             |
| 1800                     | 50 | 300D | 150 | 150 | 5             |

| DIMENSIONS (INCHES) |       |     |   |   |               |
|---------------------|-------|-----|---|---|---------------|
| A                   | B     | C   | D | E | ARROW<br>SIZE |
| 48                  | 1 1/2 | 8D  | 4 | 4 | 1             |
| 60                  | 2     | 10D | 5 | 6 | 3             |
| 72                  | 2     | 12D | 6 | 6 | 5             |

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — BLUE (REFL)

# D5-202

10/97



| DIMENSIONS (MILLIMETERS) |      |    |      |     |     |     |         |     |
|--------------------------|------|----|------|-----|-----|-----|---------|-----|
| A                        | B    | C  | D    | E   | F   | G   | H       | J   |
| 3600                     | 2550 | 50 | 300D | 225 | 200 | 250 | 375E(M) | 250 |

| DIMENSIONS (INCHES) |     |   |     |   |   |    |        |    |
|---------------------|-----|---|-----|---|---|----|--------|----|
| A                   | B   | C | D   | E | F | G  | H      | J  |
| 144                 | 102 | 2 | 12D | 9 | 8 | 10 | 15E(M) | 10 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

# D5-203

8/98



EXIT DIRECTION REST AREA - VISITOR  
INFORMATION CENTER SIGN (ALTERNATE)

| DIMENSIONS (MILLIMETERS) |      |    |      |     |     |     |     |
|--------------------------|------|----|------|-----|-----|-----|-----|
| A                        | B    | C  | D    | E   | F   | G   | H   |
| 3600                     | 2550 | 50 | 300D | 225 | 200 | 250 | 250 |

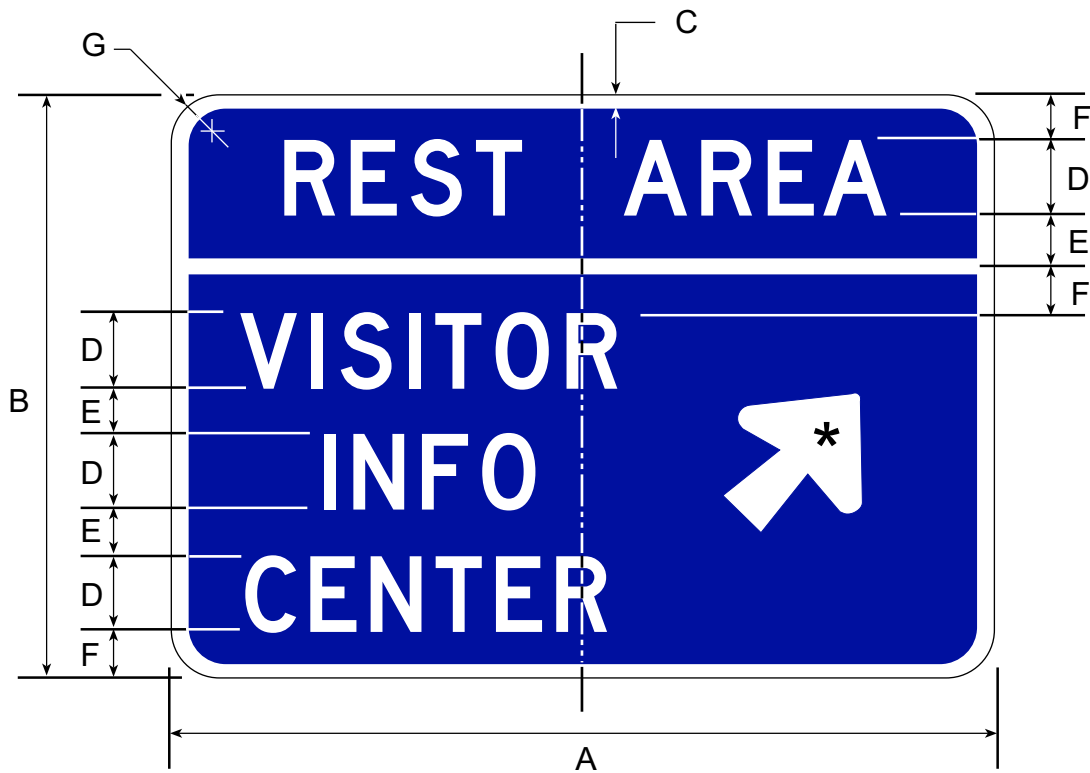
| DIMENSIONS (INCHES) |     |   |     |   |   |    |    |
|---------------------|-----|---|-----|---|---|----|----|
| A                   | B   | C | D   | E | F | G  | H  |
| 144                 | 102 | 2 | 12D | 9 | 8 | 10 | 10 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

# D5-204

12/05



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |      |    |      |     |     |     | ARROW<br>SIZE |
|--------------------------|------|----|------|-----|-----|-----|---------------|
| A                        | B    | C  | D    | E   | F   | G   |               |
| 3000                     | 2550 | 50 | 300D | 200 | 250 | 250 | 4             |

| DIMENSIONS (INCHES) |     |   |     |   |    |    | ARROW<br>SIZE |
|---------------------|-----|---|-----|---|----|----|---------------|
| A                   | B   | C | D   | E | F  | G  |               |
| 120                 | 102 | 2 | 12D | 8 | 10 | 10 | 4             |

## COLORS

SYMBOL, LEGEND — WHITE (REFL)  
BACKGROUND — BLUE (REFL)

# D5-301

10/97



| DIMENSIONS (MILLIMETERS) |      |      |      |    |     |
|--------------------------|------|------|------|----|-----|
| A                        | B    | C    | D    | E  | F   |
| 2700                     | 1800 | 300E | 250E | 50 | 225 |

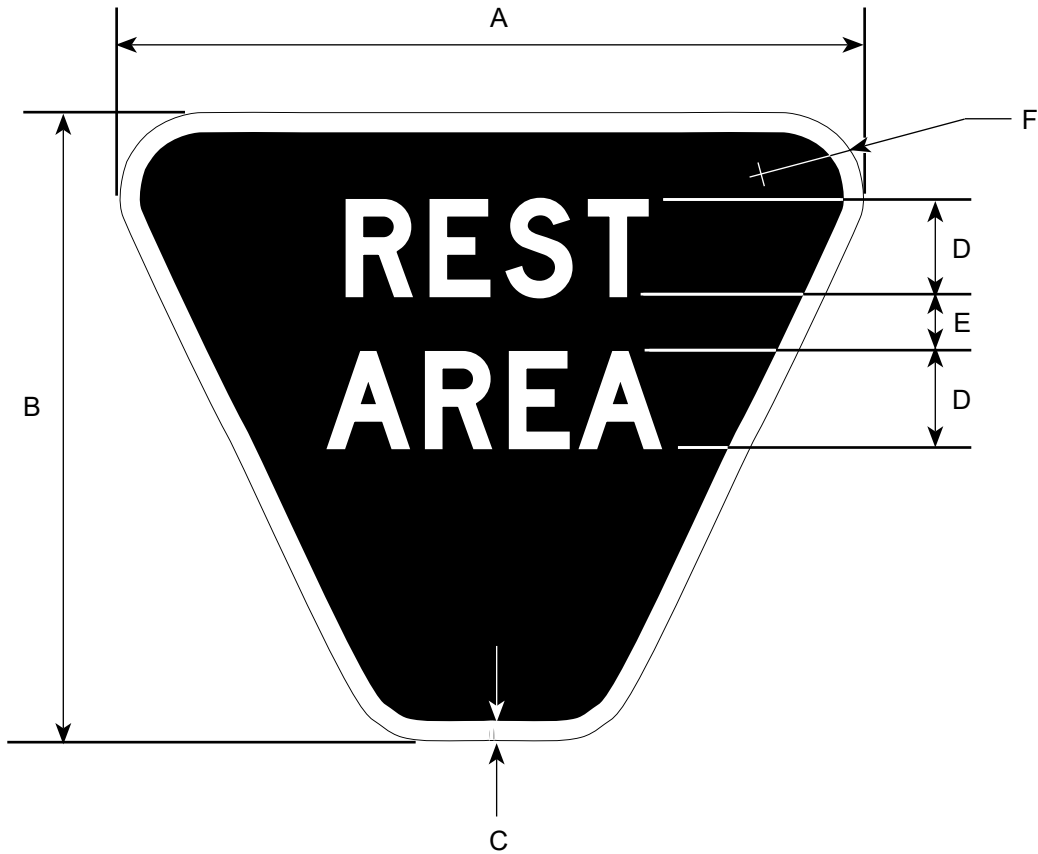
| DIMENSIONS (INCHES) |    |     |     |   |   |
|---------------------|----|-----|-----|---|---|
| A                   | B  | C   | D   | E | F |
| 108                 | 72 | 12E | 10E | 2 | 9 |

## COLORS

LEGEND— WHITE (REFL)  
BACKGROUND— BLUE (REFL)

# D5-601

10/97



| DIMENSIONS (MILLIMETERS) |      |    |      |     |     |
|--------------------------|------|----|------|-----|-----|
| A                        | B    | C  | D    | E   | F   |
| 900                      | 750  | 16 | 100D | 75  | 75  |
| 1200                     | 1000 | 25 | 150D | 125 | 100 |

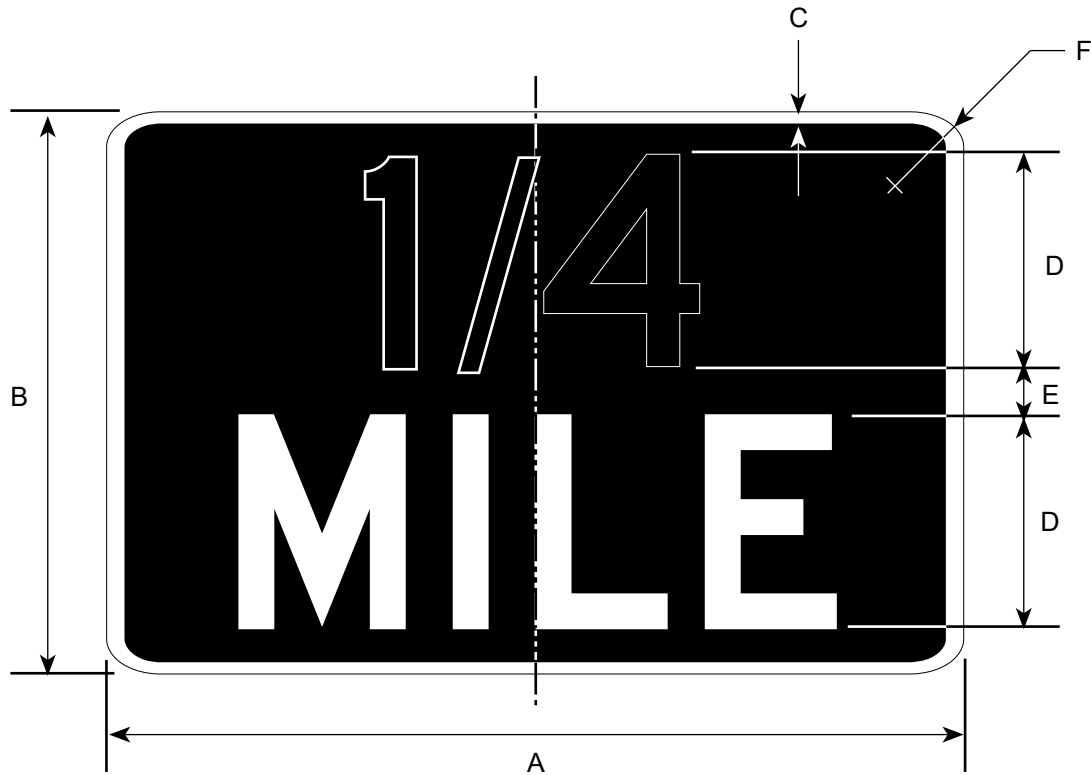
| DIMENSIONS (INCHES) |    |     |    |   |   |
|---------------------|----|-----|----|---|---|
| A                   | B  | C   | D  | E | F |
| 36                  | 30 | 5/8 | 4D | 3 | 3 |
| 48                  | 40 | 1   | 6D | 5 | 4 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

# D5-602

10/97



| DIMENSIONS (MILLIMETERS) |     |    |      |    |    |
|--------------------------|-----|----|------|----|----|
| A                        | B   | C  | D    | E  | F  |
| 450                      | 300 | 9  | 100D | 25 | 38 |
| 600                      | 450 | 13 | 150D | 38 | 38 |

| DIMENSIONS (INCHES) |    |     |    |       |       |
|---------------------|----|-----|----|-------|-------|
| A                   | B  | C   | D  | E     | F     |
| 18                  | 12 | 3/8 | 4D | 1     | 1 1/2 |
| 24                  | 18 | 1/2 | 6D | 1 1/2 | 1 1/2 |

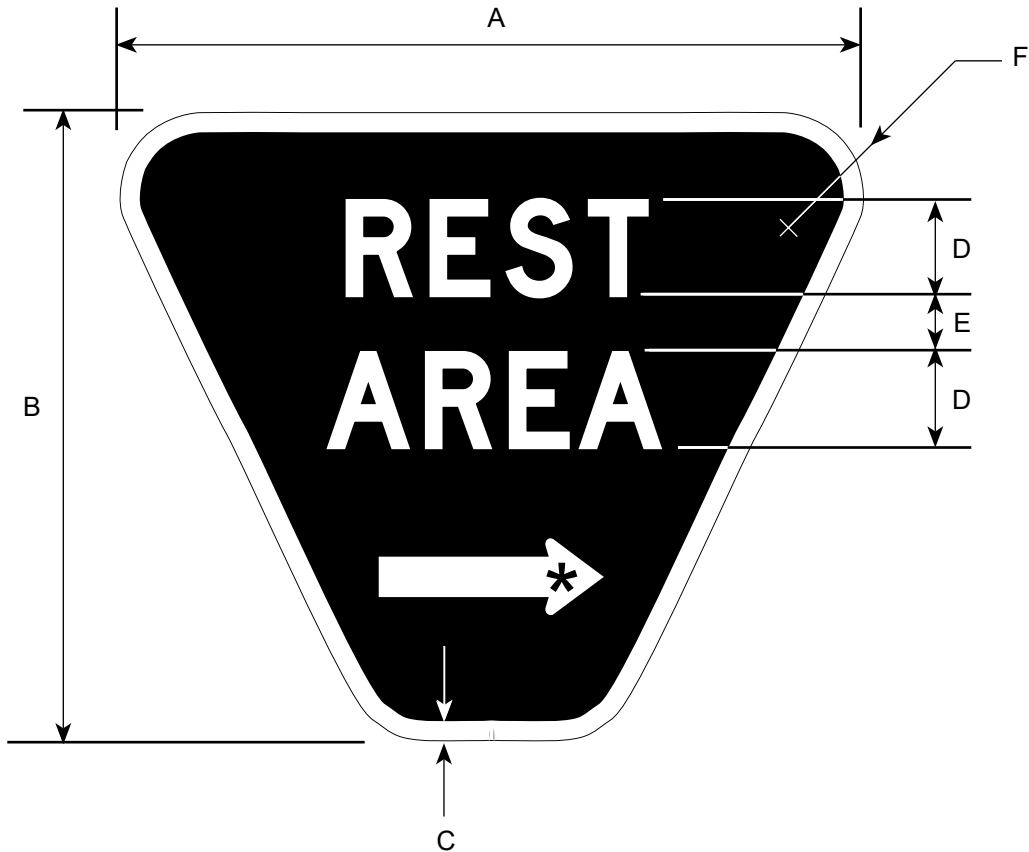
## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BLUE (REFL)



# D5-701

10/97



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |      |    |      |     |     |            |
|--------------------------|------|----|------|-----|-----|------------|
| A                        | B    | C  | D    | E   | F   | ARROW SIZE |
| 900                      | 750  | 16 | 100D | 75  | 75  | 200x100    |
| 1200                     | 1000 | 25 | 150D | 125 | 100 | 225x150    |

| DIMENSIONS (INCHES) |    |     |    |   |   |            |
|---------------------|----|-----|----|---|---|------------|
| A                   | B  | C   | D  | E | F | ARROW SIZE |
| 36                  | 30 | 5/8 | 4D | 3 | 3 | 8x4        |
| 48                  | 40 | 1   | 6D | 5 | 4 | 9x6        |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

# D5-801

10/97



| DIMENSIONS (MILLIMETERS) |     |   |     |     |    |
|--------------------------|-----|---|-----|-----|----|
| A                        | B   | C | D   | E   | F  |
| 750                      | 150 | 9 | 75D | 150 | 19 |

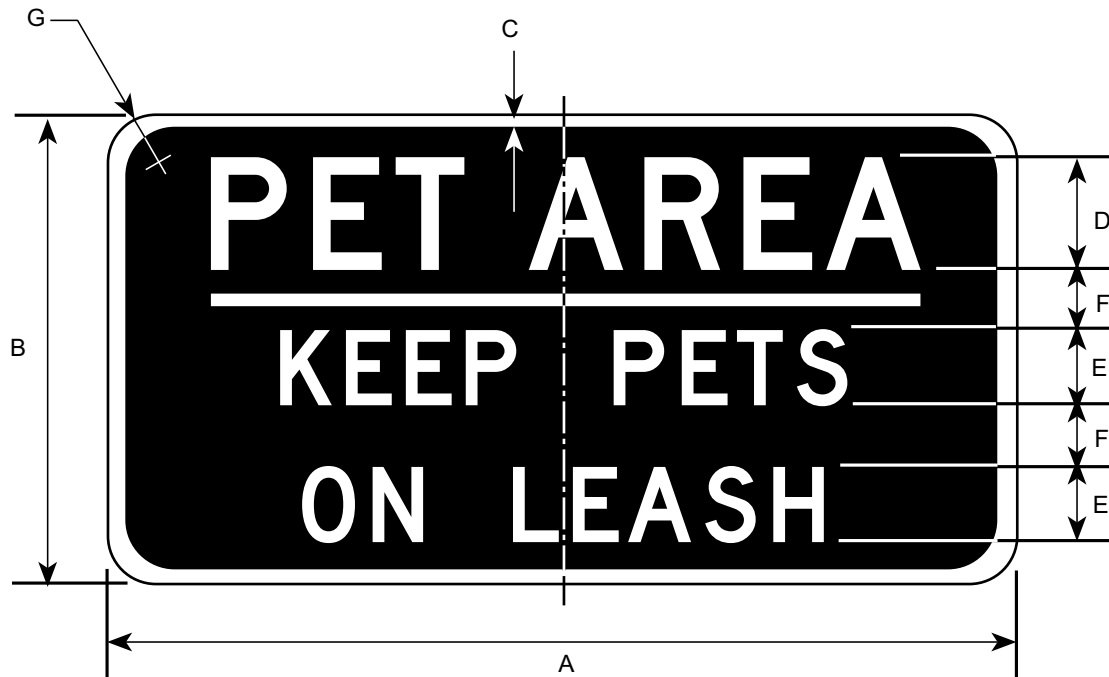
| DIMENSIONS (INCHES) |   |     |    |   |     |
|---------------------|---|-----|----|---|-----|
| A                   | B | C   | D  | E | F   |
| 30                  | 6 | 3/8 | 3D | 6 | 3/4 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BROWN (REFL)

# D5-901

10/97



| DIMENSIONS (MILLIMETERS) |     |    |     |     |    |    |
|--------------------------|-----|----|-----|-----|----|----|
| A                        | B   | C  | D   | E   | F  | G  |
| 600                      | 300 | 13 | 75D | 50D | 25 | 38 |

| DIMENSIONS (INCHES) |    |     |    |    |   |       |
|---------------------|----|-----|----|----|---|-------|
| A                   | B  | C   | D  | E  | F | G     |
| 24                  | 12 | 1/2 | 3D | 2D | 1 | 1 1/2 |

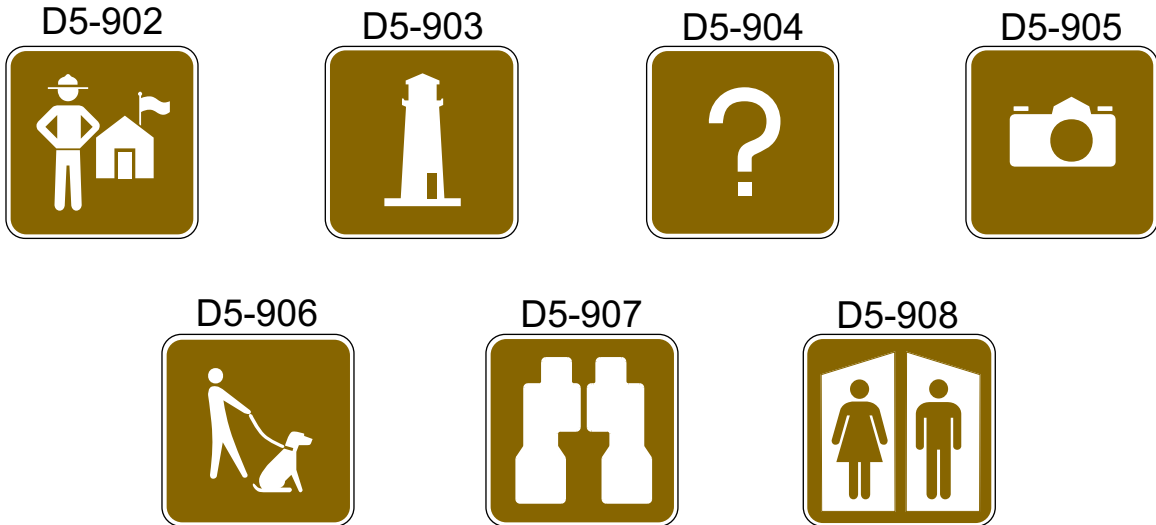
## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — BROWN (REFL)

# RECREATIONAL FACILITY SYMBOL SIGNS

6/06

## D5 SERIES



## D7 SERIES



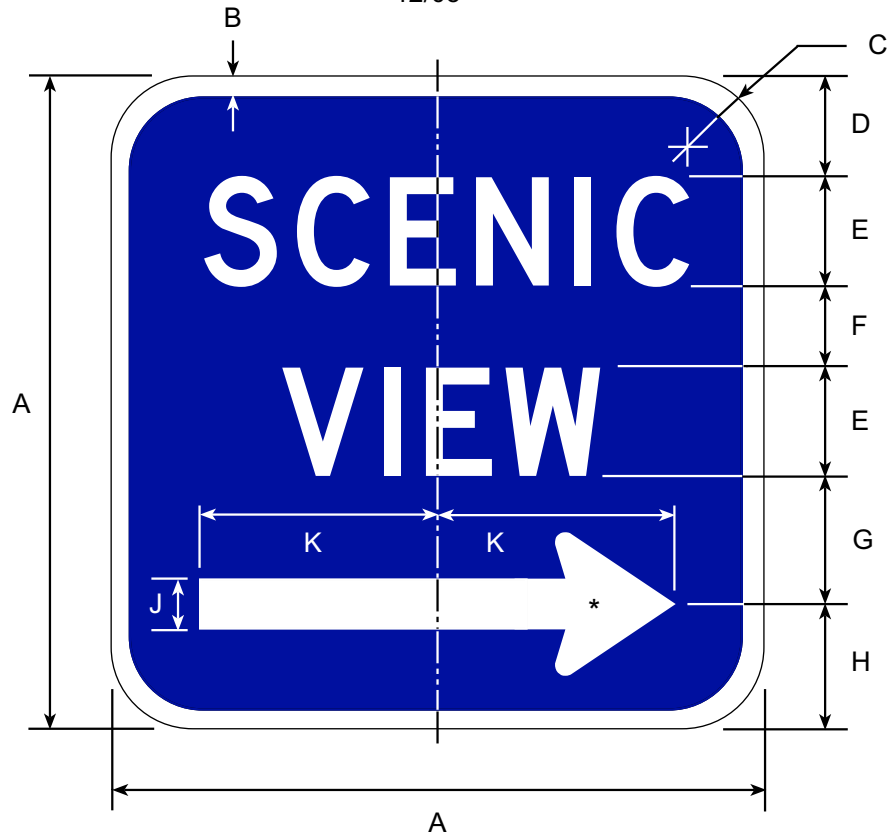
Note: All signs are 600 millimeters x 600 millimeters (24 inches x 24 inches),  
with a 13 millimeter (1/2 inch) border and a 38 millimeter (1 1/2 inch) corner radius

### COLORS

SYMBOL — WHITE (REFL)  
BACKGROUND — BROWN (REFL)

# D6-1

12/05



\* SEE APPENDIX FOR ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |    |     |     |      |     |     |     |     |     |
|--------------------------|----|-----|-----|------|-----|-----|-----|-----|-----|
| A                        | B  | C   | D   | E    | F   | G   | H   | J   | K   |
| 900                      | 25 | 100 | 125 | 150D | 110 | 175 | 190 | 69  | 338 |
| 1200                     | 38 | 150 | 175 | 200D | 150 | 225 | 250 | 88  | 450 |
| 1500                     | 50 | 150 | 200 | 250D | 195 | 300 | 305 | 113 | 563 |
| 1800                     | 50 | 200 | 250 | 300D | 225 | 360 | 365 | 138 | 675 |

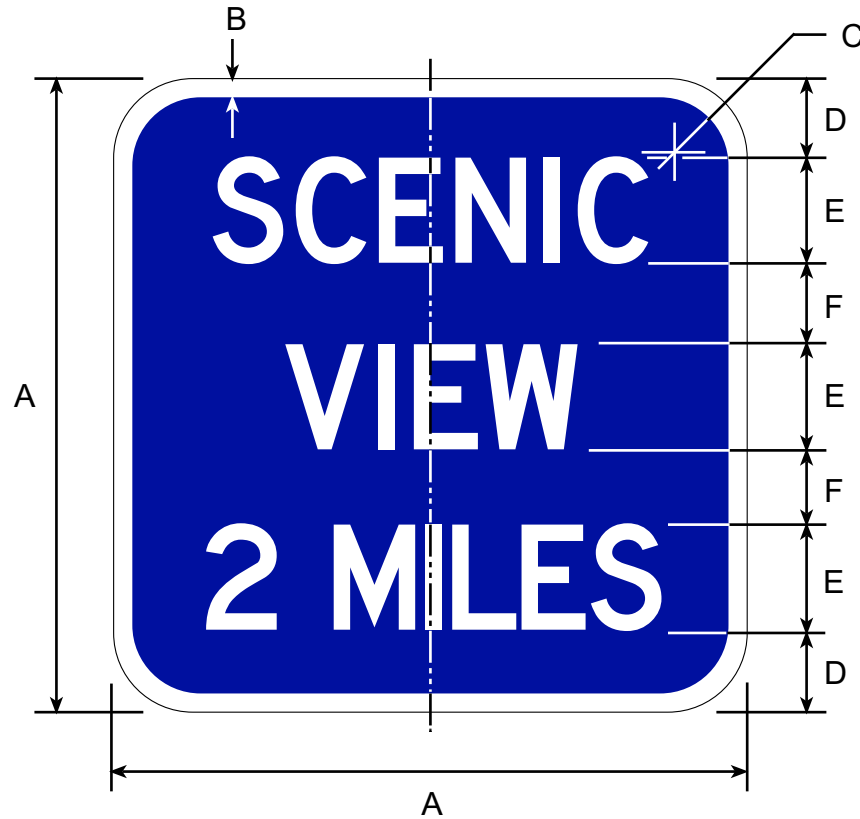
| DIMENSIONS (INCHES) |       |   |    |     |       |    |        |       |        |
|---------------------|-------|---|----|-----|-------|----|--------|-------|--------|
| A                   | B     | C | D  | E   | F     | G  | H      | J     | K      |
| 36                  | 1     | 4 | 5  | 6D  | 4 1/2 | 7  | 7 1/2  | 2 3/4 | 13 1/2 |
| 48                  | 1 1/2 | 6 | 7  | 8D  | 6     | 9  | 10     | 3 1/2 | 18     |
| 60                  | 2     | 6 | 8  | 10D | 7 3/4 | 12 | 12 1/4 | 4 1/2 | 22 1/2 |
| 72                  | 2     | 8 | 10 | 12D | 9     | 14 | 15     | 5 1/2 | 27     |

## COLORS

LEGEND & ARROW - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

# D6-2

12/05



| DIMENSIONS (MILLIMETERS) |    |     |     |      |     |
|--------------------------|----|-----|-----|------|-----|
| A                        | B  | C   | D   | E    | F   |
| 900                      | 25 | 100 | 125 | 150D | 100 |
| 1200                     | 38 | 150 | 150 | 200D | 150 |
| 1500                     | 50 | 150 | 185 | 250D | 190 |
| 1800                     | 50 | 200 | 250 | 300D | 200 |

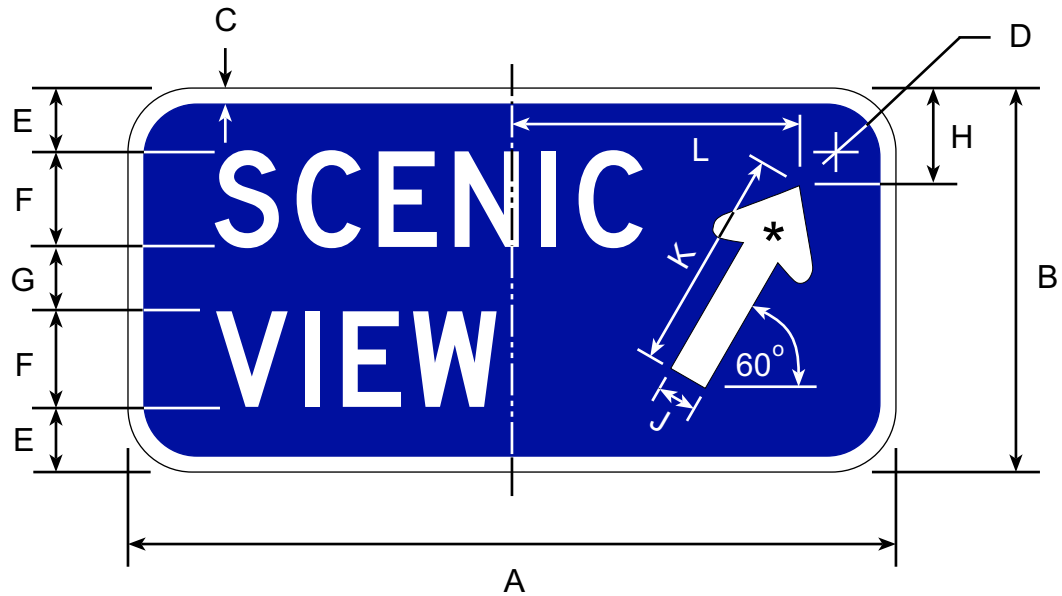
| DIMENSIONS (INCHES) |       |   |       |     |       |
|---------------------|-------|---|-------|-----|-------|
| A                   | B     | C | D     | E   | F     |
| 36                  | 1     | 4 | 5     | 6D  | 4     |
| 48                  | 1 1/2 | 6 | 6     | 8D  | 6     |
| 60                  | 2     | 6 | 7 1/2 | 10D | 7 1/2 |
| 72                  | 2     | 8 | 10    | 12D | 8     |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

# D6-3

12/05



\* SEE APPENDIX FOR ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |      |    |     |     |      |     |     |     |     |     |
|--------------------------|------|----|-----|-----|------|-----|-----|-----|-----|-----|
| A                        | B    | C  | D   | E   | F    | G   | H   | J   | K   | L   |
| 1200                     | 600  | 25 | 100 | 100 | 150D | 100 | 150 | 69  | 350 | 500 |
| 1500                     | 900  | 38 | 150 | 175 | 200D | 150 | 200 | 88  | 500 | 600 |
| 1800                     | 1200 | 50 | 150 | 250 | 250D | 200 | 250 | 113 | 675 | 700 |
| 2400                     | 1350 | 50 | 200 | 250 | 300D | 250 | 300 | 138 | 775 | 950 |

| DIMENSIONS (INCHES) |    |       |   |    |     |    |    |       |    |    |
|---------------------|----|-------|---|----|-----|----|----|-------|----|----|
| A                   | B  | C     | D | E  | F   | G  | H  | J     | K  | L  |
| 48                  | 24 | 1     | 4 | 4  | 6D  | 4  | 6  | 2 3/4 | 14 | 18 |
| 60                  | 36 | 1 1/2 | 6 | 7  | 8D  | 6  | 8  | 3 1/2 | 20 | 24 |
| 72                  | 48 | 2     | 6 | 10 | 10D | 8  | 10 | 4 1/2 | 27 | 28 |
| 96                  | 54 | 2     | 8 | 10 | 12D | 10 | 12 | 5 1/2 | 31 | 38 |

## COLORS

LEGEND & ARROW - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

# D7-101

10/97



NOTE: ANGLE OF SLOPE IS  $52\frac{1}{2}^{\circ}$  FROM HORIZONTAL

| DIMENSIONS (MILLIMETERS) |     |    |      |     |     |
|--------------------------|-----|----|------|-----|-----|
| A                        | B   | C  | D    | E   | F   |
| VAR                      | VAR | 19 | 150D | VAR | 75  |
| VAR                      | VAR | 38 | 200D | VAR | 150 |

| DIMENSIONS (INCHES) |     |       |    |     |   |
|---------------------|-----|-------|----|-----|---|
| A                   | B   | C     | D  | E   | F |
| VAR                 | VAR | 3/4   | 6D | VAR | 3 |
| VAR                 | VAR | 1 1/2 | 8D | VAR | 6 |

## COLORS

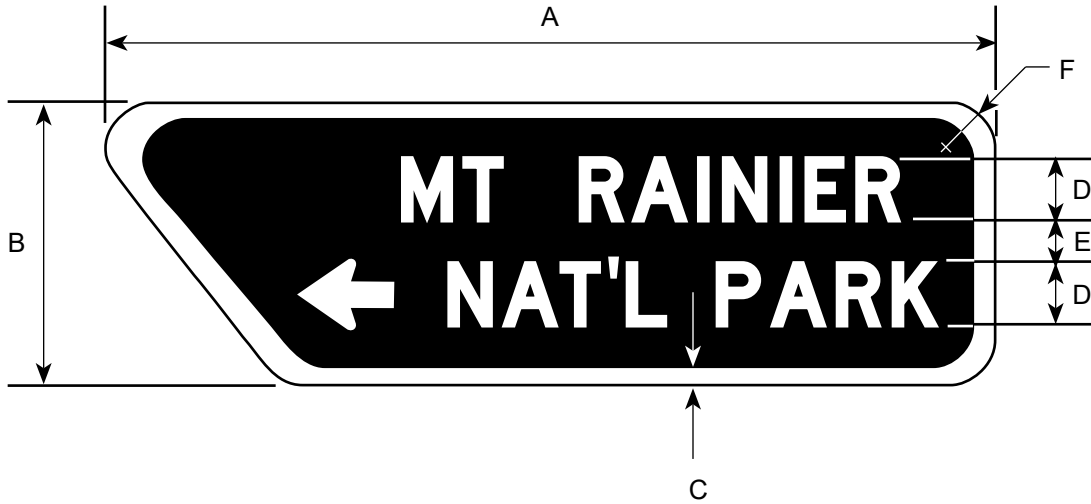
LEGEND - WHITE (REFL)

BACKGROUND - BROWN (REFL)



# D7-201

10/97



\* See appendix for standard arrow details

NOTE: ANGLE OF SLOPE IS  $52\frac{1}{2}^{\circ}$  FROM HORIZONTAL  
DIMENSIONS TYPICAL OF BOTH SIGNS

| DIMENSIONS (MILLIMETERS) |     |    |      |     |     |
|--------------------------|-----|----|------|-----|-----|
| A                        | B   | C  | D    | E   | F   |
| VAR                      | VAR | 19 | 150D | VAR | 75  |
| VAR                      | VAR | 38 | 200D | VAR | 150 |

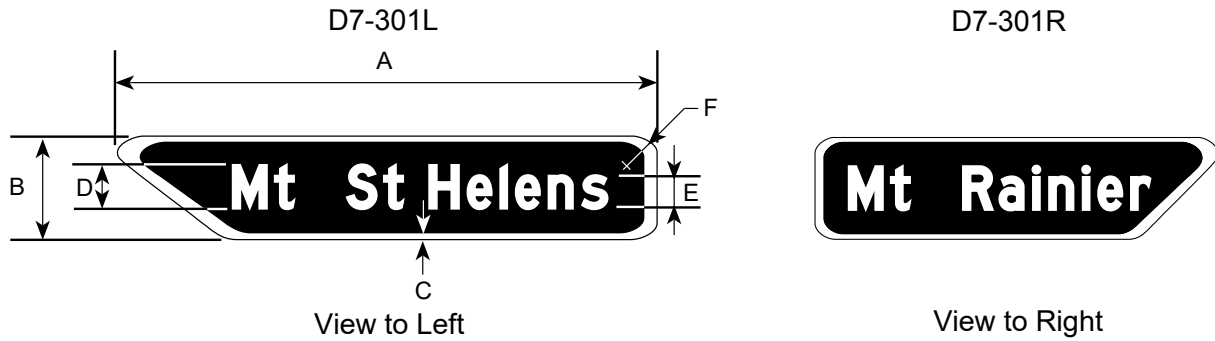
| DIMENSIONS (INCHES) |     |       |    |     |   |
|---------------------|-----|-------|----|-----|---|
| A                   | B   | C     | D  | E   | F |
| VAR                 | VAR | 3/4   | 6D | VAR | 3 |
| VAR                 | VAR | 1 1/2 | 8D | VAR | 6 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BROWN (REFL)

# D7-301, D7-301L & D7-301R

10/97



NOTE: ANGLE OF SLOPE IS  $52\frac{1}{2}^{\circ}$  FROM HORIZONTAL  
DIMENSIONS TYPICAL OF ALL VIEW SIGNS

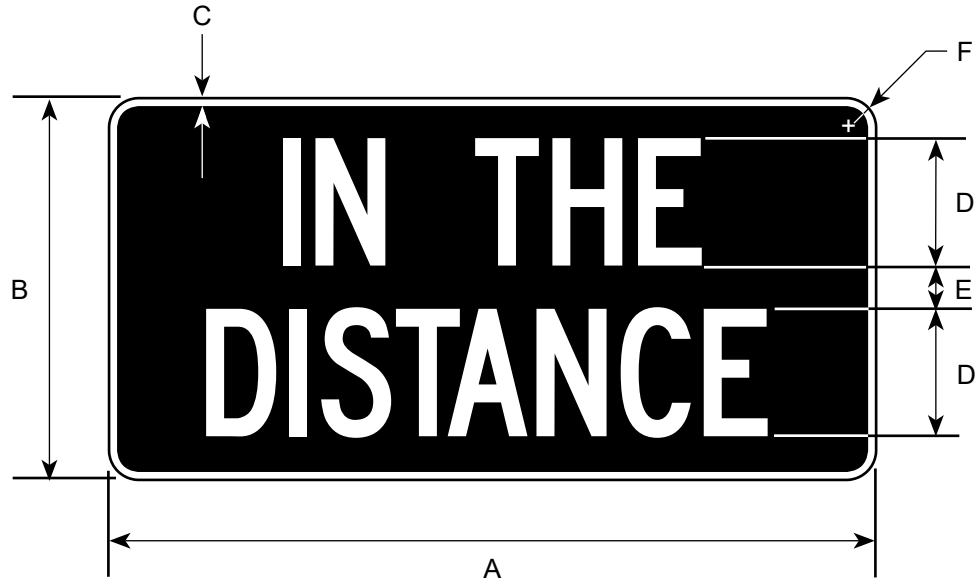
| DIMENSIONS (MILLIMETERS) |     |    |     |     |    |
|--------------------------|-----|----|-----|-----|----|
| A                        | B   | C  | D   | E   | F  |
| VAR                      | 300 | 19 | 150 | 113 | 38 |

| DIMENSIONS (INCHES) |    |     |   |       |       |
|---------------------|----|-----|---|-------|-------|
| A                   | B  | C   | D | E     | F     |
| VAR                 | 12 | 3/4 | 6 | 4 1/2 | 1 1/2 |

COLORS  
LEGEND - WHITE (REFL)  
BACKGROUND - BROWN (REFL)

# D7-301P

10/97



| DIMENSIONS (MILLIMETERS) |     |    |      |    |    |
|--------------------------|-----|----|------|----|----|
| A                        | B   | C  | D    | E  | F  |
| 600                      | 300 | 19 | 100C | 31 | 38 |

| DIMENSIONS (INCHES) |    |     |    |       |       |
|---------------------|----|-----|----|-------|-------|
| A                   | B  | C   | D  | E     | F     |
| 24                  | 12 | 3/4 | 4C | 1 1/4 | 1 1/2 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BROWN (REFL)

# RECREATIONAL FACILITY SYMBOL SIGNS

6/06

## D7 SERIES (CONT'D)



## RECREATIONAL FACILITY LEGEND SIGNS



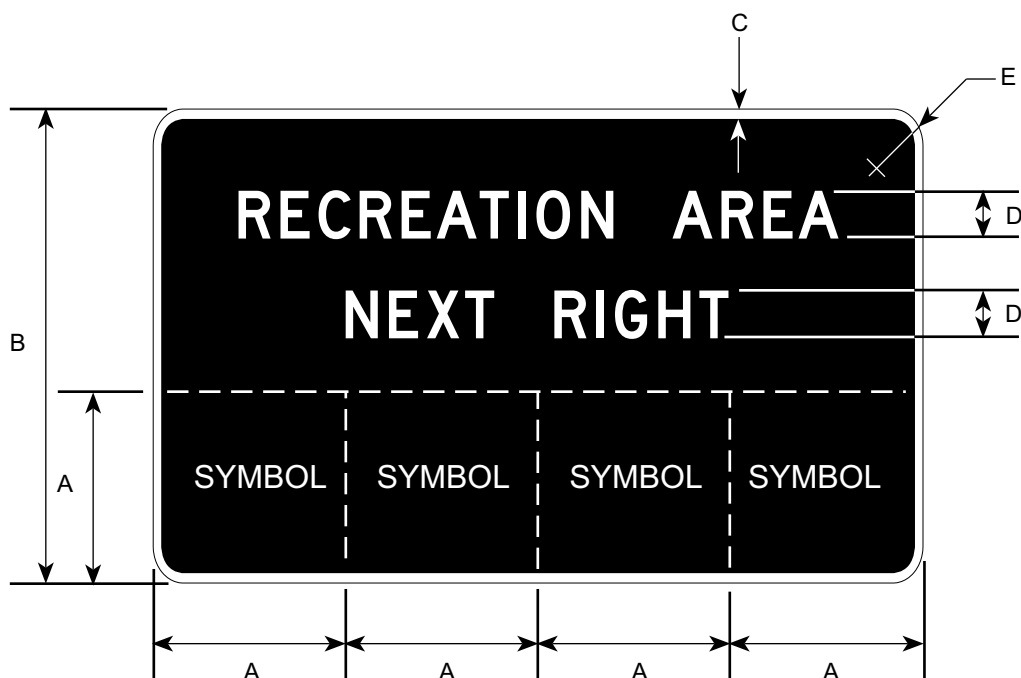
Note: All signs are 600 millimeters x 600 millimeters (24 inches x 24 inches), with a 13 millimeter (1/2 inch) border and a 38 millimeter (1 1/2 inch) corner radius

### COLORS

SYMBOL & LEGEND — WHITE (REFL)  
BACKGROUND — BROWN

# D7-7701

10/97



| DIMENSIONS (MILLIMETERS) |      |    |      |     |
|--------------------------|------|----|------|-----|
| A                        | B    | C  | D    | E   |
| 600                      | 1500 | 16 | 150D | 188 |

| DIMENSIONS (INCHES) |    |     |    |       |
|---------------------|----|-----|----|-------|
| A                   | B  | C   | D  | E     |
| 24                  | 60 | 5/8 | 6D | 7 1/2 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BROWN (REFL)

# D8-1

10/97



| DIMENSIONS (MILLIMETERS) |      |    |     |      |      |     |     |
|--------------------------|------|----|-----|------|------|-----|-----|
| A                        | B    | C  | D   | E    | F    | G   | H   |
| 1500                     | 1200 | 38 | 150 | 200E | 150E | 150 | 75  |
| 1950                     | 1500 | 50 | 200 | 250E | 200E | 175 | 100 |
| 2400                     | 1800 | 50 | 225 | 300E | 250E | 225 | 125 |

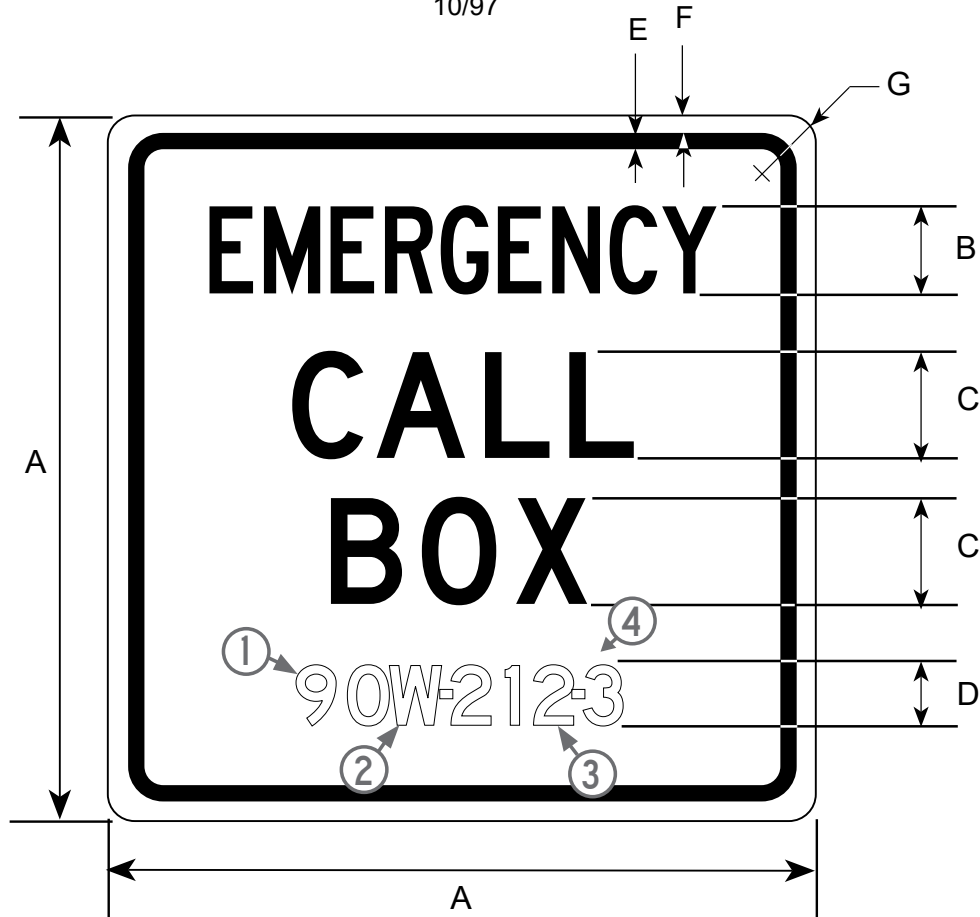
| DIMENSIONS (INCHES) |    |       |   |     |     |   |   |
|---------------------|----|-------|---|-----|-----|---|---|
| A                   | B  | C     | D | E   | F   | G | H |
| 60                  | 48 | 1 1/2 | 6 | 8E  | 6E  | 6 | 3 |
| 78                  | 60 | 2     | 8 | 10E | 8E  | 7 | 4 |
| 96                  | 72 | 2     | 9 | 12E | 10E | 9 | 5 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - GREEN (REFL)

# D8-101

10/97



| DIMENSIONS (MILLIMETERS) |     |     |    |    |    |    |
|--------------------------|-----|-----|----|----|----|----|
| A                        | B   | C   | D  | E  | F  | G  |
| 750                      | 100 | 150 | 75 | 16 | 22 | 47 |

| DIMENSIONS (INCHES) |    |    |    |     |     |       |
|---------------------|----|----|----|-----|-----|-------|
| A                   | B  | C  | D  | E   | F   | G     |
| 30                  | 4C | 6E | 3C | 5/8 | 7/8 | 1 7/8 |

- ① ROUTE NUMBER
- ② LANE DIRECTION. OTHER DESIGNATION MAY BE NEEDED.  
EXAMPLES: X; EXPRESS LANES, M; MEDIAN, R; RAMP.
- ③ MILE POST
- ④ THE NUMBER OF THE CALL BOX WITHIN THE MILEPOST,  
FOR LOCATIONS WHERE THERE IS MORE THAN ONE CALL BOX PER MILE.

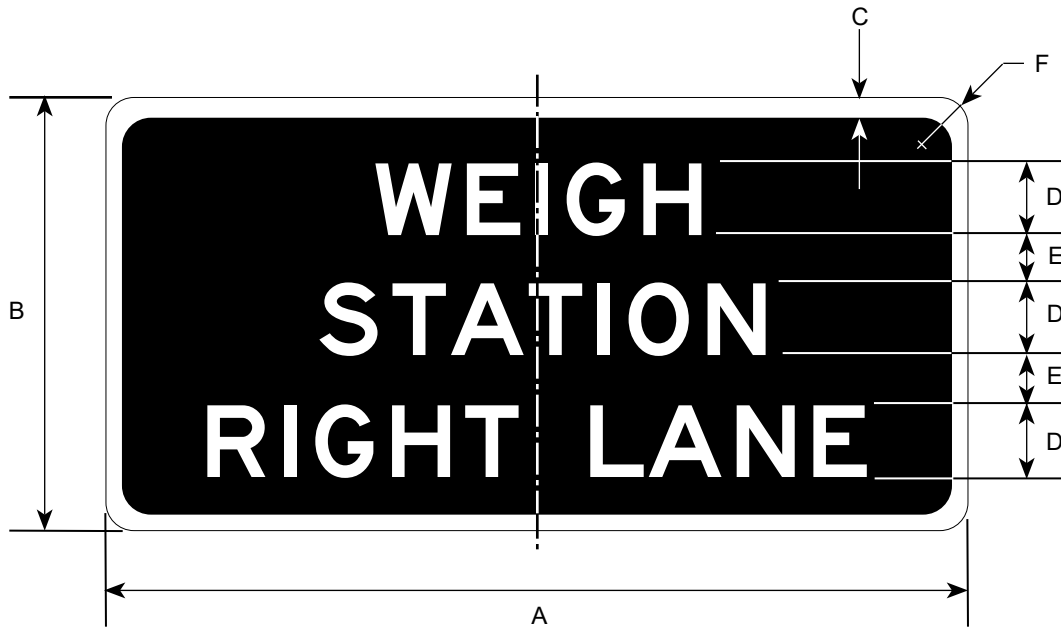
## COLORS

LEGEND, BORDER - BLUE(REFL)

BACKGROUND - WHITE (REFL)

# D8-201

10/97



| DIMENSIONS (MILLIMETERS) |      |    |      |     |     |
|--------------------------|------|----|------|-----|-----|
| A                        | B    | C  | D    | E   | F   |
| 1800                     | 900  | 38 | 150D | 100 | 100 |
| 2700                     | 1500 | 50 | 250D | 175 | 150 |

| DIMENSIONS (INCHES) |    |       |     |   |   |
|---------------------|----|-------|-----|---|---|
| A                   | B  | C     | D   | E | F |
| 72                  | 36 | 1 1/2 | 6D  | 4 | 4 |
| 108                 | 60 | 2     | 10D | 7 | 6 |

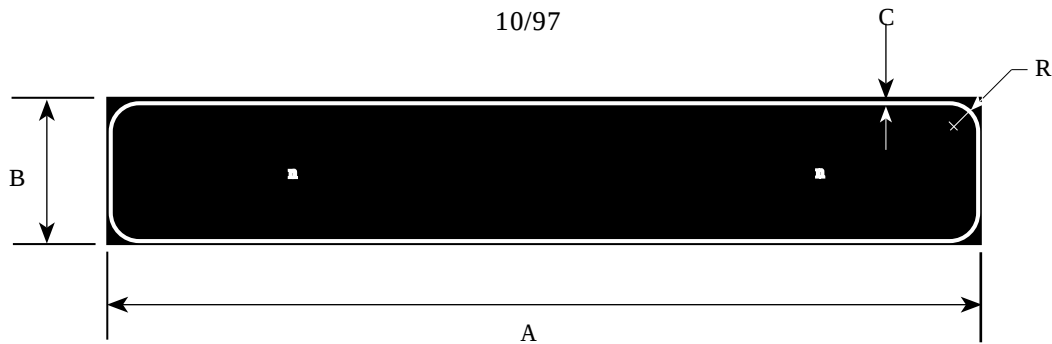
## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - GREEN (REFL)



# D8-202

10/97



| DIMENSIONS (MILLIMETERS) |     |    |     |
|--------------------------|-----|----|-----|
| A                        | B   | C  | R   |
| 1800                     | 300 | 38 | 100 |
| 2700                     | 600 | 50 | 150 |

| DIMENSIONS (INCHES) |    |       |   |
|---------------------|----|-------|---|
| A                   | B  | C     | R |
| 72                  | 12 | 1 1/2 | 4 |
| 108                 | 24 | 2     | 6 |

## FRONT



| DIMENSIONS (MILLIMETERS) |     |      |
|--------------------------|-----|------|
| E                        | F   | G    |
| 1050                     | 200 | 150E |
| 1650                     | 300 | 250E |

## BACK



| DIMENSIONS (INCHES) |    |     |
|---------------------|----|-----|
| E                   | F  | G   |
| 42                  | 8  | 6E  |
| 66                  | 12 | 10E |

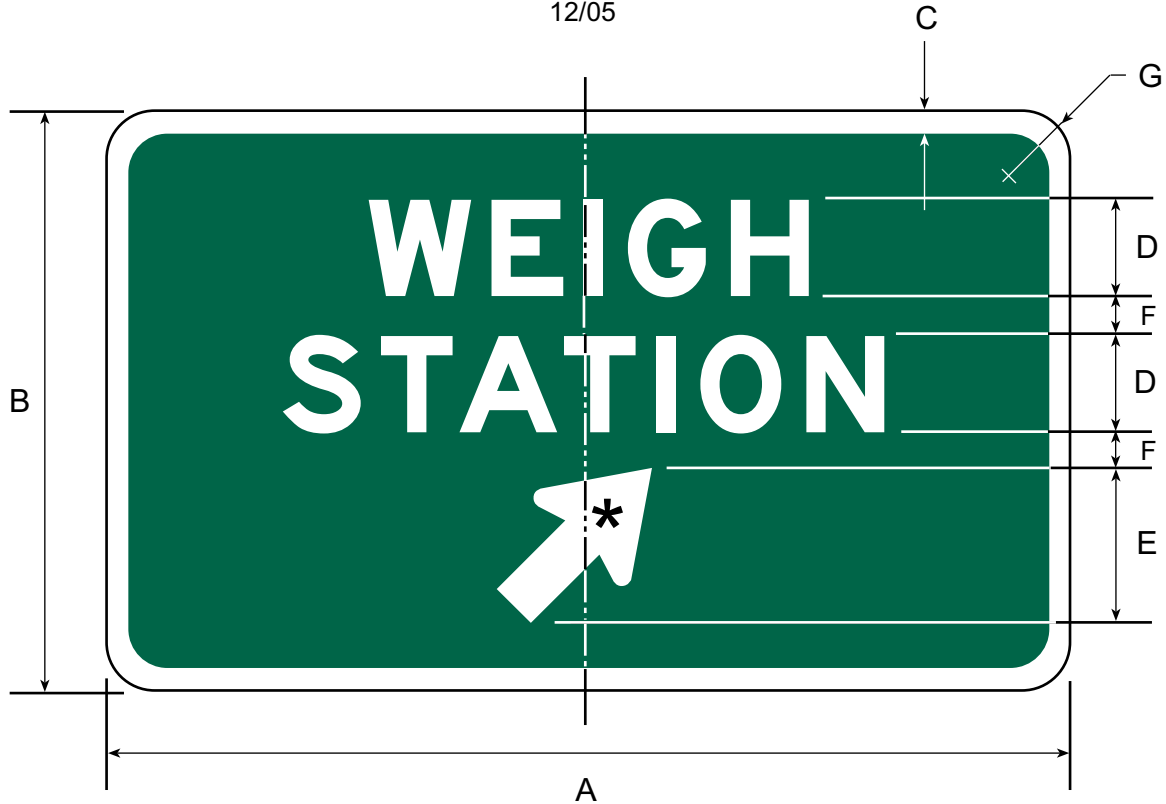
THE OPEN-CLOSED PLAQUE MAY BE ATTACHED BY MEANS OF TWO STAINLESS STEEL 1/4" BOLTS 1/2" LONG AND WING NUTS. THE BOLT SHALL BE SECURED TO THE MAIN SIGN PANEL BY LOCKNUTS.

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - GREEN (REFL)

# D8-301

12/05



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |      |    |      |      |     |     |
|--------------------------|------|----|------|------|-----|-----|
| A                        | B    | C  | D    | E    | F   | G   |
| 1200                     | 1050 | 38 | 150E | NO.1 | 100 | 100 |
| 1500                     | 1350 | 38 | 200E | NO.2 | 150 | 125 |
| 2100                     | 1800 | 50 | 250E | NO.2 | 200 | 150 |

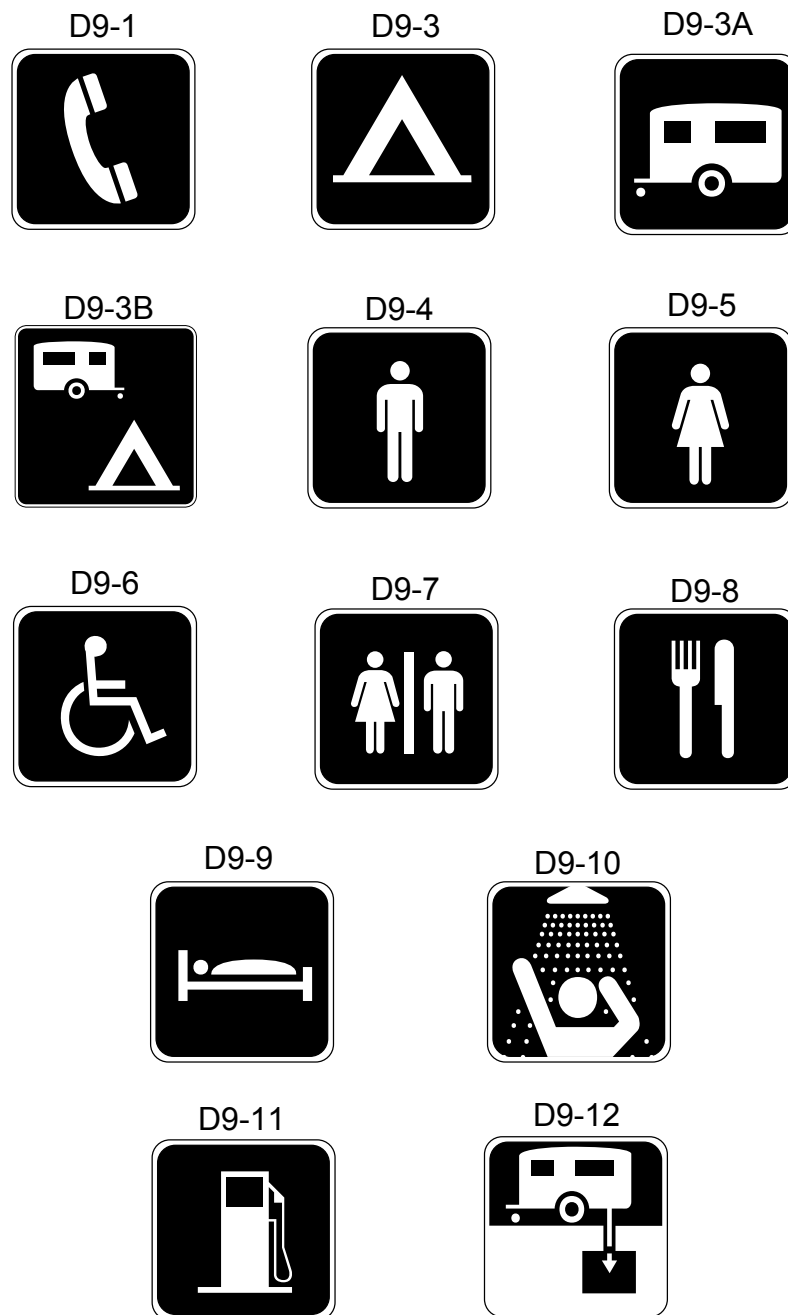
| DIMENSIONS (INCHES) |    |       |     |      |   |   |
|---------------------|----|-------|-----|------|---|---|
| A                   | B  | C     | D   | E    | F | G |
| 48                  | 42 | 1 1/2 | 6E  | NO.1 | 4 | 4 |
| 60                  | 54 | 1 1/2 | 8E  | NO.2 | 6 | 5 |
| 84                  | 72 | 2     | 10E | NO.2 | 8 | 6 |

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL)

# MOTORIST SERVICE & RECREATIONAL FACILITY SYMBOL SIGNS

6/00



ALL SIGNS ARE 600 X 600mm. (24 X 24in)

NOTE: DESIGNERS SPECIFY MOTORIST SERVICE OR RECREATIONAL

## COLORS

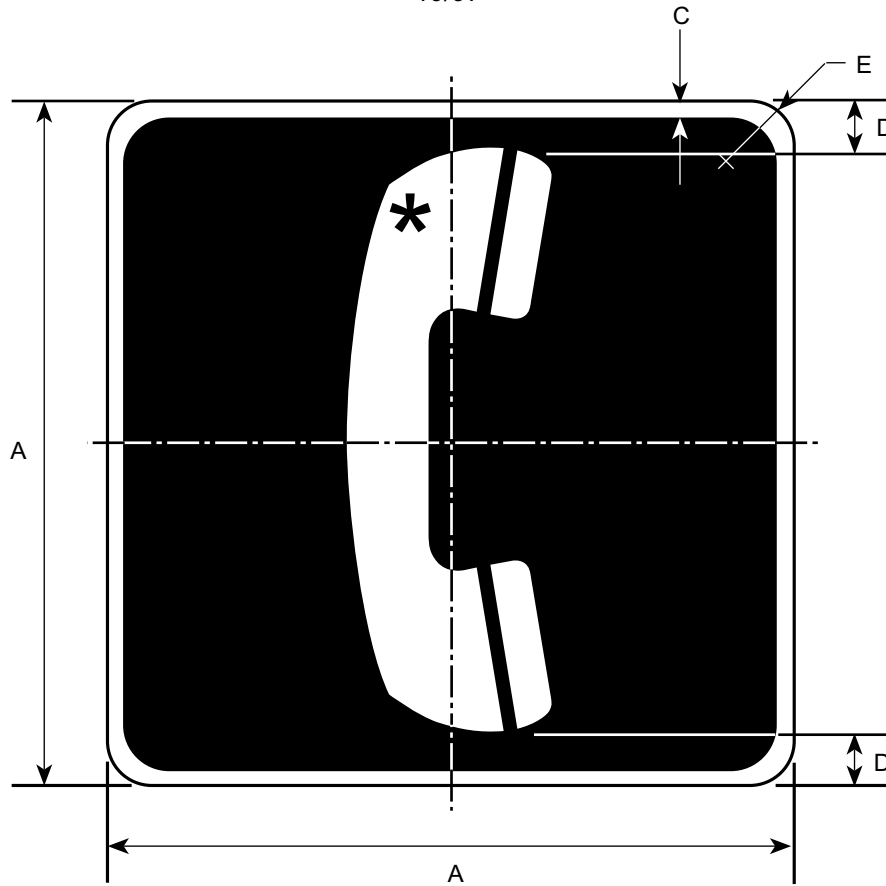
SYMBOL — WHITE (REFL)

MOTORIST SERVICE: BACKGROUND — BLUE (REFL)

RECREATIONAL: BACKGROUND — BROWN (REFL)

# D9-1

10/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |    |    |    |
|--------------------------|----|----|----|
| A                        | C  | D  | E  |
| 450                      | 13 | 25 | 38 |
| 600                      | 13 | 38 | 38 |
| 750                      | 19 | 50 | 47 |

| DIMENSIONS (INCHES) |     |       |       |
|---------------------|-----|-------|-------|
| A                   | C   | D     | E     |
| 18                  | 1/2 | 1     | 1 1/2 |
| 24                  | 1/2 | 1 1/2 | 1 1/2 |
| 30                  | 3/4 | 2     | 1 7/8 |

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — BLUE

# E1-1

1/06

## ADVANCE GUIDE SIGNS



| SIZE<br>CODE | DIMENSIONS (MILLIMETERS) |      |        |                 |                       |               |                |        |      |                 |
|--------------|--------------------------|------|--------|-----------------|-----------------------|---------------|----------------|--------|------|-----------------|
|              | EXIT PANEL               |      |        | ROUTE<br>MARKER | CARDINAL<br>DIRECTION | PLACE<br>NAME | ACTION MESSAGE |        |      | BORDER<br>WIDTH |
|              | WORD                     | NUM. | LETTER |                 |                       |               | NUM.           | FRACT. | WORD |                 |
| B            | 200E                     | 300E | 300E   | 600             | 250E/200E             | 265/200       | 250E           | 200E   | 200E | 38              |
| C            | 250E                     | 375E | 375E   | 900             | 300E/250E             | 332/250       | 300E           | 250E   | 250E | 50              |
| D            | 300E                     | 450E | 450E   | 900             | 375E/300E             | 400/300       | 375E           | 300E   | 300E | 50              |
| E            | 300E                     | 450E | 450E   | 900             | 375E/300E             | 400/300       | 375E           | 300E   | 300E | 50              |

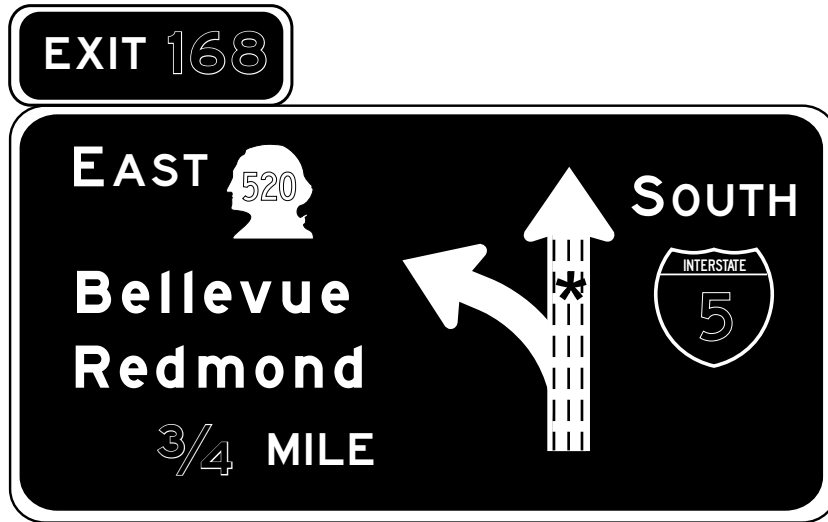
| SIZE<br>CODE | DIMENSIONS (INCHES) |      |        |                 |                       |               |                |        |      |                 |
|--------------|---------------------|------|--------|-----------------|-----------------------|---------------|----------------|--------|------|-----------------|
|              | EXIT PANEL          |      |        | ROUTE<br>MARKER | CARDINAL<br>DIRECTION | PLACE<br>NAME | ACTION MESSAGE |        |      | BORDER<br>WIDTH |
|              | WORD                | NUM. | LETTER |                 |                       |               | NUM.           | FRACT. | WORD |                 |
| B            | 8E                  | 12E  | 12E    | 24              | 10E/8E                | 10.6/8        | 10E            | 8E     | 8E   | 1 1/2           |
| C            | 10E                 | 15E  | 15E    | 36              | 12E/10E               | 13.3/10       | 12E            | 10E    | 10E  | 2               |
| D            | 10E                 | 15E  | 15E    | 36              | 15E/12E               | 16/12         | 15E            | 12E    | 12E  | 2               |
| E            | 12E                 | 18E  | 18E    | 36              | 15E/12E               | 16/12         | 15E            | 12E    | 12E  | 2               |

### COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL)

# E1-4

8/03



NOTE: SEE APPENDIX FOR TYPICAL  
ARROW DETAILS. SEE PLANS FOR  
SPECIFIC ARROW DETAILS.

**\*** LANE STRIPE BLACK

| SIZE<br>CODE | DIMENSIONS (MILLIMETERS) |               |               |                 |                 |
|--------------|--------------------------|---------------|---------------|-----------------|-----------------|
|              | ROUTE<br>MARKER          | CARD.<br>DIR. | PLACE<br>NAME | ARROW<br>DIMEN. | BORDER<br>WIDTH |
| B            | 600                      | 250E/200E     | 265/200       | SEE<br>PLANS    | 37.5            |
| C            | 900                      | 300E/250E     | 332/250       |                 | 50              |
| D            | 900                      | 375E/300E     | 400/300       |                 | 50              |

| SIZE<br>CODE | DIMENSIONS (INCHES) |                       |               |                 |                 |
|--------------|---------------------|-----------------------|---------------|-----------------|-----------------|
|              | ROUTE<br>MARKER     | CARDINAL<br>DIRECTION | PLACE<br>NAME | ARROW<br>DIMEN. | BORDER<br>WIDTH |
| B            | 24                  | 10E/8E                | 10.6/8        | SEE<br>PLANS    | 1 1/2           |
| C            | 36                  | 12E/10E               | 13.3/10       |                 | 2               |
| D            | 36                  | 15E/12E               | 16/12         |                 | 2               |

## GRAPHIC COMPONENT

Lane Width  
Lane Lines  
Space between Lane Lines  
Arrowheads  
Stem Height (to upper point of departure-minimum)  
Space between arrowheads and route shield and  
between route shield and cardinal direction

## SIZE

5' (125 mm)  
1" x 6" (25 x 150 mm)  
6" (150 mm)  
Standard "up" Arrow  
30" (750 mm)  
12" (300 mm)

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - GREEN (REFL)

# E1-5

11/97



NOTE: WHITE ON BROWN MAY BE SPECIFIED ON THE PLANS FOR RECREATION SIGNING. SIZE CODE SHOULD BE USED FOR OVERHEAD INSTALLATIONS.

| SIZE<br>CODE | DIMENSIONS (MILLIMETERS) |     |    |      |      |     |
|--------------|--------------------------|-----|----|------|------|-----|
|              | A                        | B   | C  | D    | E    | F   |
| B            | VA                       | 450 | 38 | 300E | 200E | VAR |
| D            | VA                       | 600 | 50 | 375E | 250E | VAR |
| E            | VA                       | 750 | 50 | 400E | 300E | VAR |

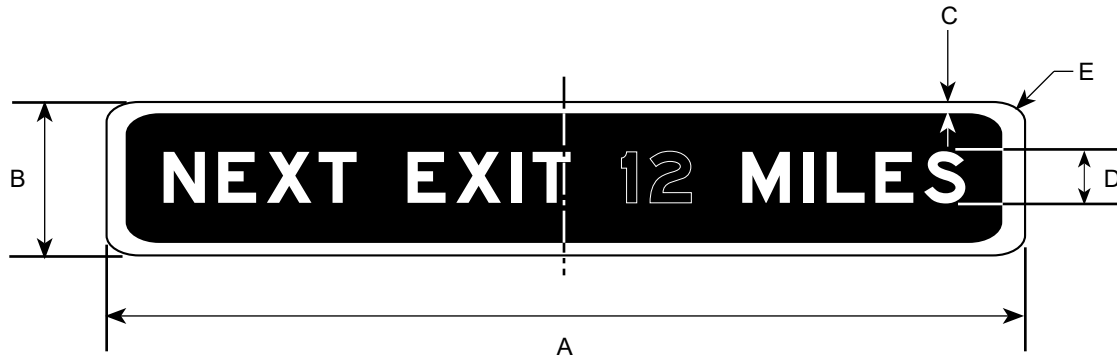
| SIZE<br>CODE | DIMENSIONS (INCHES) |    |       |     |     |     |
|--------------|---------------------|----|-------|-----|-----|-----|
|              | A                   | B  | C     | D   | E   | F   |
| B            | VAR                 | 18 | 1 1/2 | 12E | 8E  | VAR |
| D            | VAR                 | 24 | 2     | 15E | 10E | VAR |
| E            | VAR                 | 30 | 2     | 18E | 12E | VAR |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - GREEN (REFL)

# E2-1

11/97



NOTE: WHITE ON BROWN MAY BE SPECIFIED ON THE PLANS FOR RECREATION SIGNING. SIZE CODE "E" SHOULD BE USED FOR OVERHEAD INSTALLATION.

| SIZE<br>CODE | DIMENSIONS (MILLIMETERS) |     |    |      |     |
|--------------|--------------------------|-----|----|------|-----|
|              | A                        | B   | C  | D    | E   |
| A            | 3600                     | 600 | 38 | 200E | 100 |
| B            | 4500                     | 750 | 50 | 250E | 150 |

| SIZE<br>CODE | DIMENSIONS (INCHES) |    |       |     |   |
|--------------|---------------------|----|-------|-----|---|
|              | A                   | B  | C     | D   | E |
| A            | 144                 | 24 | 1 1/2 | 8E  | 4 |
| B            | 180                 | 30 | 2     | 10E | 6 |

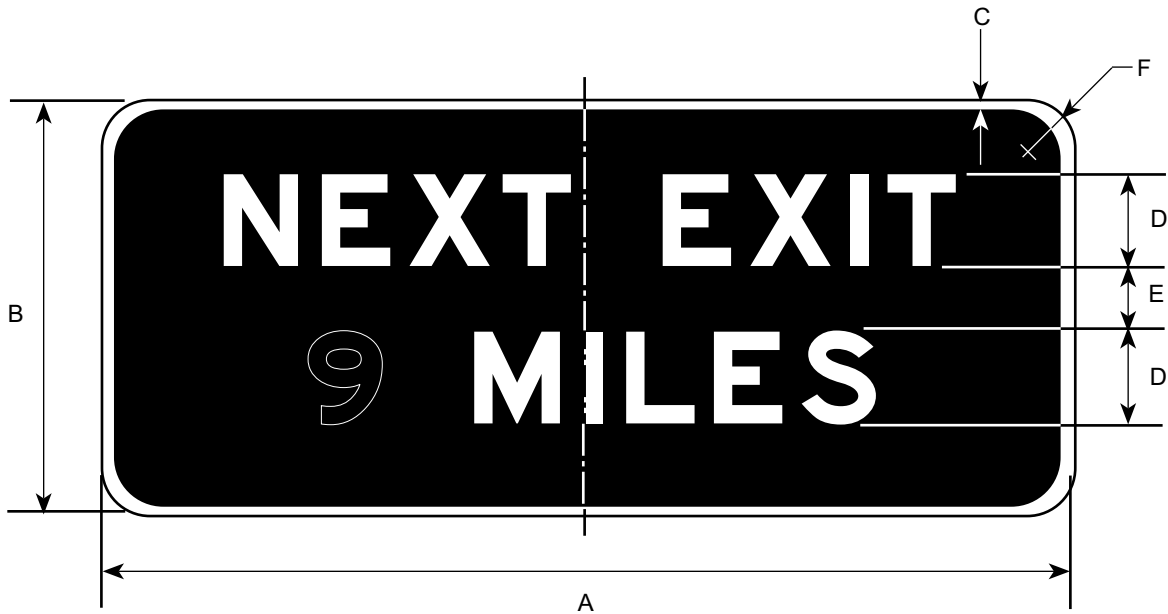
## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - GREEN (REFL)



# E2-1A

11/97



NOTE: WHITE ON BROWN MAY BE SPECIFIED ON THE PLANS FOR RECREATION SIGNING. SIZE CODE "E" SHOULD BE USED FOR OVERHEAD INSTALLATION.

| SIZE<br>CODE | DIMENSIONS (MILLIMETERS) |      |    |      |     |     |
|--------------|--------------------------|------|----|------|-----|-----|
|              | A                        | B    | C  | D    | E   | F   |
| A            | 2100                     | 900  | 38 | 200E | 138 | 100 |
| B            | 2700                     | 1200 | 50 | 250E | 200 | 150 |

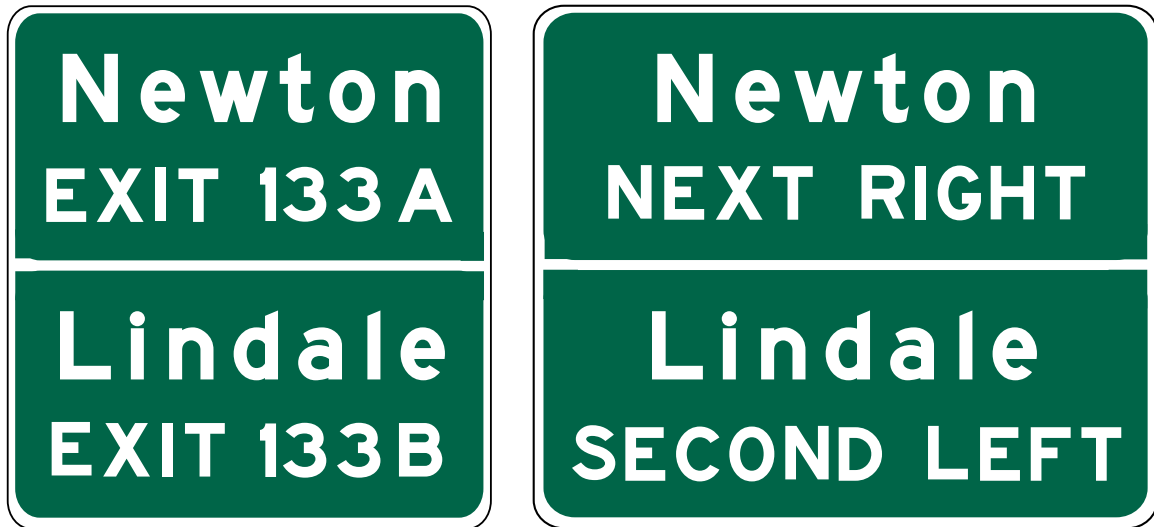
| SIZE<br>CODE | DIMENSIONS (INCHES) |    |       |     |       |   |
|--------------|---------------------|----|-------|-----|-------|---|
|              | A                   | B  | C     | D   | E     | F |
| A            | 84                  | 36 | 1 1/2 | 8E  | 5 1/2 | 4 |
| B            | 108                 | 48 | 2     | 10E | 8     | 6 |

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL)

# E3-101

1/06



OPTIONAL

| SIZE<br>CODE | DIMENSIONS (MILLIMETERS) |                 |                 |
|--------------|--------------------------|-----------------|-----------------|
|              | PLACE<br>NAME            | ACTION<br>MESS. | BORDER<br>WIDTH |
| B            | 265/200                  | 200E            | 38              |
| C            | 325/250                  | 250             | 50              |

| SIZE<br>CODE | DIMENSIONS (INCHES) |                 |                 |
|--------------|---------------------|-----------------|-----------------|
|              | PLACE<br>NAME       | ACTION<br>MESS. | BORDER<br>WIDTH |
| B            | 10.6/8              | 8E              | 1 1/2           |
| C            | 13/10               | 10E             | 2               |

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL)

# E4-301

4/03



| SIZE<br>CODE | DIMENSIONS (MILLIMETERS) |      |        |                 |                       |               |                 |                 |
|--------------|--------------------------|------|--------|-----------------|-----------------------|---------------|-----------------|-----------------|
|              | EXIT                     |      |        | ROUTE<br>MARKER | CARDINAL<br>DIRECTION | PLACE<br>NAME | ACTION<br>MESS. | BORDER<br>WIDTH |
|              | WORD                     | NUM. | LETTER |                 |                       |               |                 |                 |
| B            | 200E                     | 300E | 300E   | 600             | 250E/200E             | 265/200       | 200E            | 38              |
| C            | 250E                     | 375E | 375E   | 900             | 300E/250E             | 332/250       | 250E            | 50              |
| D            | 250E                     | 375E | 375E   | 900             | 375E/300E             | 400/300       | 300E            | 50              |
| E            | 300E                     | 450E | 450E   | 900             | 375E/300E             | 400/300       | 300E            | 50              |

| SIZE<br>CODE | DIMENSIONS (INCHES) |      |        |                 |                       |               |                 |                 |
|--------------|---------------------|------|--------|-----------------|-----------------------|---------------|-----------------|-----------------|
|              | EXIT                |      |        | ROUTE<br>MARKER | CARDINAL<br>DIRECTION | PLACE<br>NAME | ACTION<br>MESS. | BORDER<br>WIDTH |
|              | WORD                | NUM. | LETTER |                 |                       |               |                 |                 |
| B            | 8E                  | 12E  | 12E    | 24              | 10E/8E                | 10.6/8        | 8E              | 1 1/2           |
| C            | 10E                 | 15E  | 15E    | 36              | 12E/10E               | 13.3/10       | 10E             | 2               |
| D            | 10E                 | 15E  | 15E    | 36              | 15E/12E               | 16/12         | 12E             | 2               |
| E            | 12E                 | 18E  | 18E    | 36              | 15E/12E               | 16/12         | 12E             | 2               |

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL)

# E4-501

1/06



THE EXIT ONLY PORTION SHALL BE NON-REFLECTIVE BLACK MESSAGE ON A REFLECTIVE YELLOW BACKGROUND. THE BORDER SHALL BE BLACK FOR THE YELLOW REFLECTIVE BACKGROUND PORTION OF THE SIGN AND WHITE FOR THE GREEN REFLECTIVE BACKGROUND PORTION OF THE SIGN. THE WHITE AND BLACK BORDER SHALL MATCH EVENLY.

SEE E11-I FOR PANEL DETAILS WHEN REVISING EXISTING GUIDE SIGN INSTALLATIONS.

\* WHEN USED

\*\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| SIZE<br>CODE | DIMENSIONS (MILLIMETERS) |      |        |                 |                       |               |               |                |                 |
|--------------|--------------------------|------|--------|-----------------|-----------------------|---------------|---------------|----------------|-----------------|
|              | * EXIT PANEL             |      |        | ROUTE<br>MARKER | CARDINAL<br>DIRECTION | PLACE<br>NAME | ARROW<br>SIZE | "EXIT<br>ONLY" | BORDER<br>WIDTH |
|              | WORD                     | NUM. | LETTER |                 |                       |               |               |                |                 |
| B            | 250E                     | 375E | 375E   | 600             | 250E/200E             | 265/200       | NO.7          | 200E           | 38              |
| C            | 300E                     | 450E | 450E   | 900             | 300E/250E             | 332/250       | NO.8          | 250E           | 50              |
| E            | 300E                     | 450E | 450E   | 900             | 375E/300E             | 400/300       | NO.8          | 300E           | 50              |

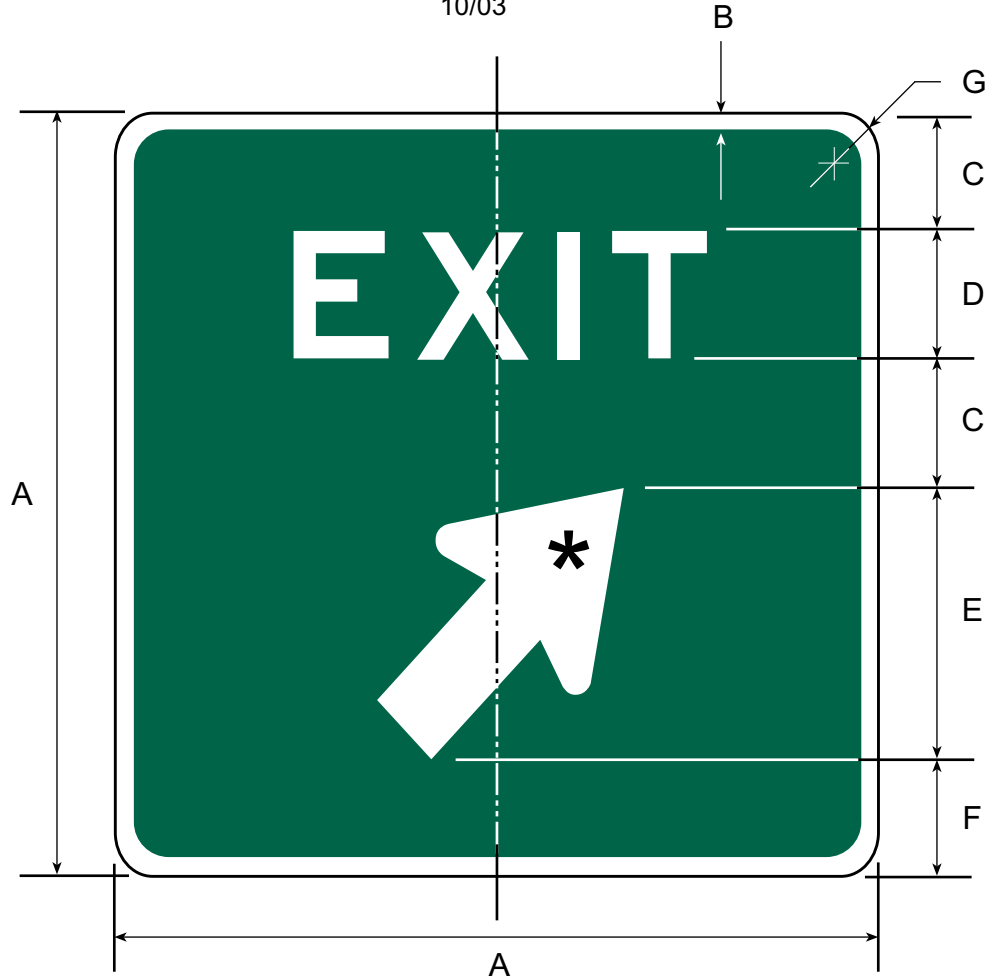
| SIZE<br>CODE | DIMENSIONS (INCHES) |      |        |                 |                       |               |               |                |                 |
|--------------|---------------------|------|--------|-----------------|-----------------------|---------------|---------------|----------------|-----------------|
|              | * EXIT PANEL        |      |        | ROUTE<br>MARKER | CARDINAL<br>DIRECTION | PLACE<br>NAME | ARROW<br>SIZE | "EXIT<br>ONLY" | BORDER<br>WIDTH |
|              | WORD                | NUM. | LETTER |                 |                       |               |               |                |                 |
| B            | 10E                 | 15E  | 15E    | 24              | 10E/8E                | 10.6/8        | NO.7          | 8E             | 1 1/2           |
| C            | 12E                 | 18E  | 18E    | 36              | 12E/10E               | 13.3/10       | NO.8          | 10E            | 2               |
| E            | 12E                 | 18E  | 18E    | 36              | 15E/12E               | 16/12         | NO.8          | 12E            | 2               |

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL)

# E5-1

10/03



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| SIGN | DIMENSIONS (MILLIMETERS) |    |     |      |               |     |     |     |
|------|--------------------------|----|-----|------|---------------|-----|-----|-----|
|      | A                        | B  | C   | D    | ARROW<br>SIZE | E   | F   | G   |
| A    | 1200                     | 38 | 200 | 250E | NO.3          | 409 | 141 | 100 |
| B    | 1500                     | 50 | 250 | 300E | NO.4          | 591 | 109 | 150 |

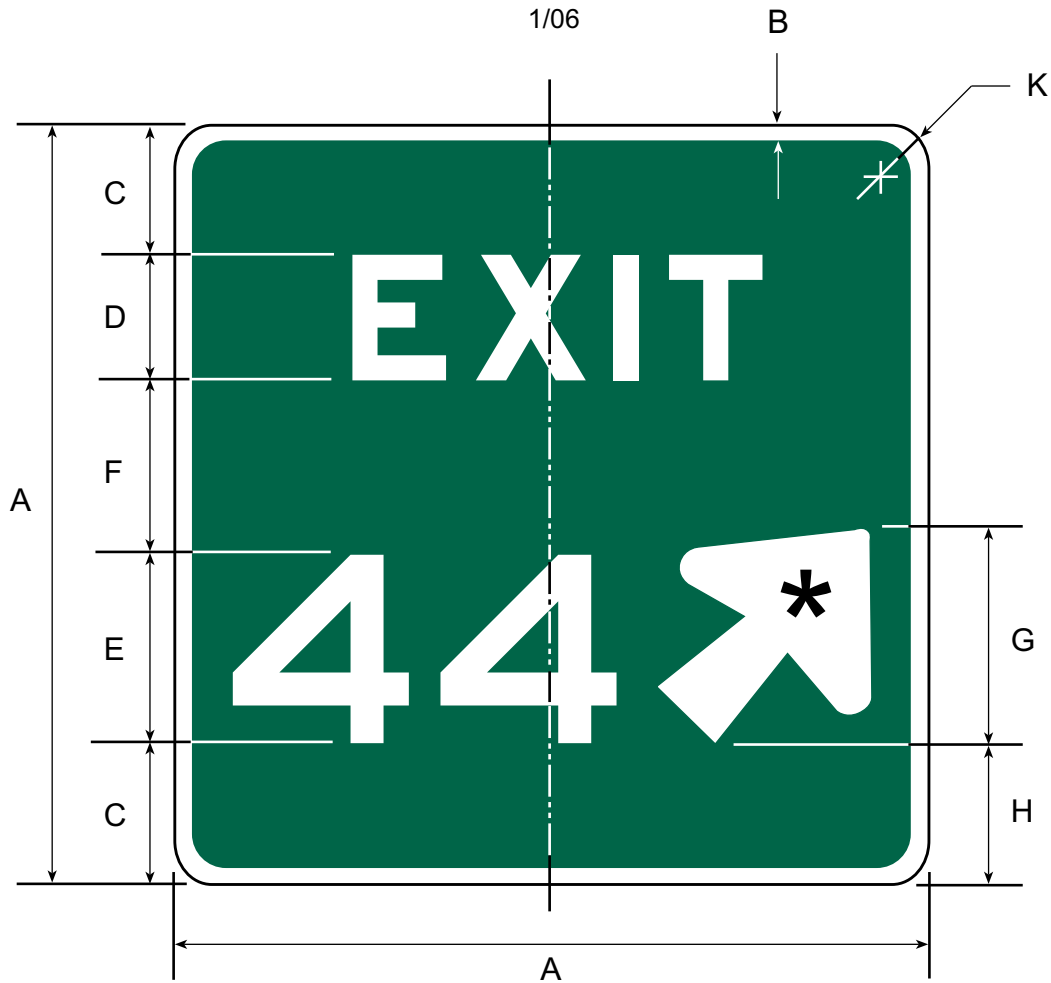
| SIGN | DIMENSIONS (INCHES) |       |    |     |               |        |       |   |
|------|---------------------|-------|----|-----|---------------|--------|-------|---|
|      | A                   | B     | C  | D   | ARROW<br>SIZE | E      | F     | G |
| A    | 48                  | 1 1/2 | 8  | 10E | NO.3          | 16 3/8 | 5 5/8 | 4 |
| B    | 60                  | 2     | 10 | 12E | NO.4          | 23 5/8 | 4 3/8 | 6 |

## COLORS

LEGEND— WHITE (REFL)  
BACKGROUND— GREEN (REFL)

# E5-1A

1/06



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| SIGN | DIMENSIONS (MILLIMETERS) |    |     |      |      |     |     |               |     |     |     |
|------|--------------------------|----|-----|------|------|-----|-----|---------------|-----|-----|-----|
|      | A                        | B  | C   | D    | E    | F   | G   | ARROW<br>SIZE | H   | J   | K   |
| A    | 1200                     | 38 | 200 | 250E | 300E | 250 | 369 | NO.2          | 200 | 150 | 100 |
| B    | VAR                      | 50 | 250 | 250E | 375E | 325 | 506 | NO.5          | 250 | 188 | 150 |

| SIGN | DIMENSIONS (INCHES) |       |    |     |     |    |        |               |    |       |   |
|------|---------------------|-------|----|-----|-----|----|--------|---------------|----|-------|---|
|      | A                   | B     | C  | D   | E   | F  | G      | ARROW<br>SIZE | H  | J     | K |
| A    | 48                  | 1 1/2 | 8  | 10E | 12E | 10 | 14 3/4 | NO.2          | 8  | 6     | 4 |
| B    | VAR                 | 2     | 10 | 12E | 15E | 13 | 20 1/4 | NO.5          | 10 | 7 1/2 | 6 |

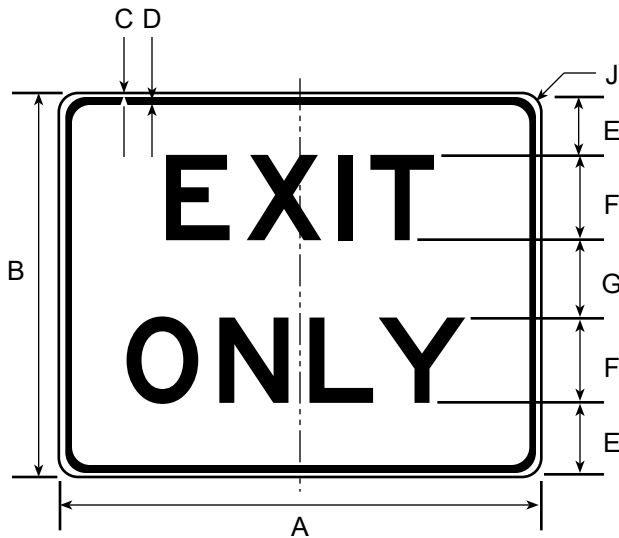
## COLORS

LEGEND— WHITE (REFL)

BACKGROUND— GREEN (REFL)

## E5-2

6/03



## E5-2A

6/03



## E5-2B

6/03



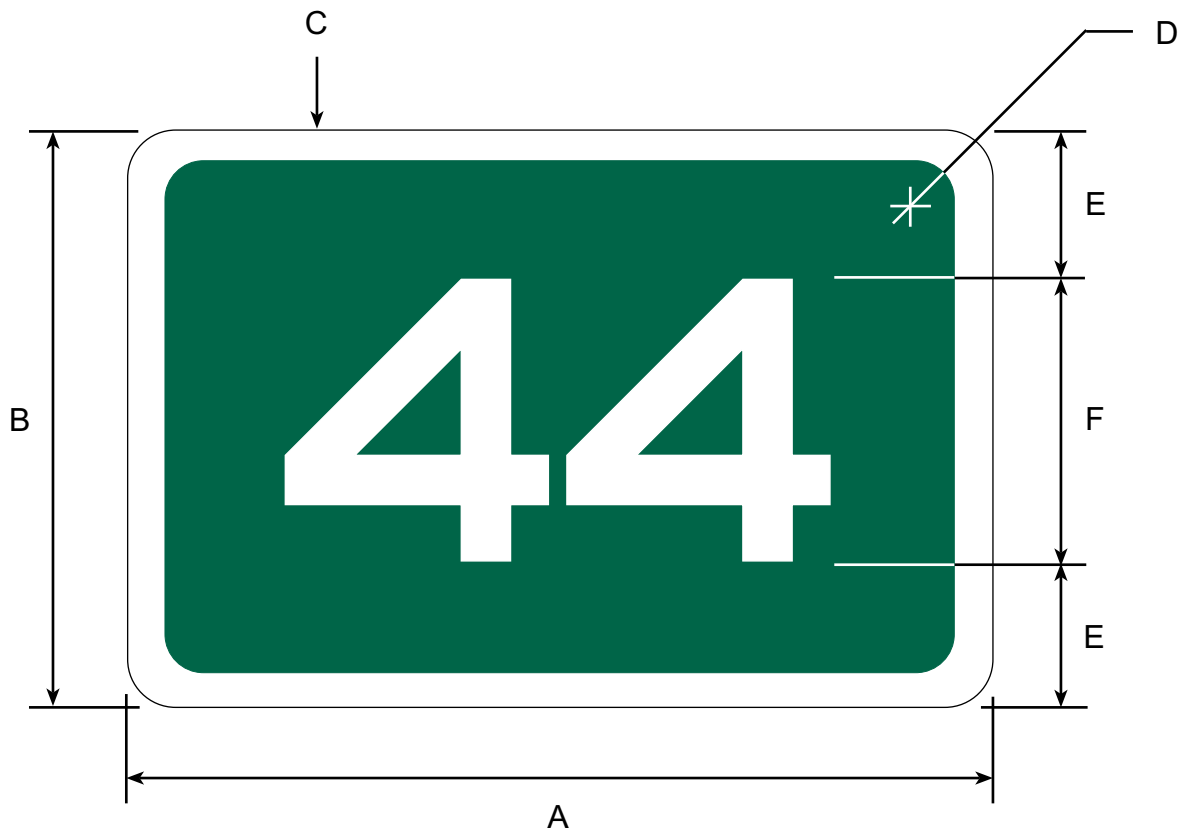
| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |     |      |    |
|--------------------------|-----|----|----|-----|------|-----|------|----|
| A                        | B   | C  | D  | E   | F    | G   | H    | J  |
| 1200                     | 900 | 19 | 31 | 150 | 200E | 175 | 200D | 75 |

| DIMENSIONS (INCHES) |    |     |       |   |    |   |    |   |
|---------------------|----|-----|-------|---|----|---|----|---|
| A                   | B  | C   | D     | E | F  | G | H  | J |
| 48                  | 36 | 3/4 | 1 1/4 | 6 | 8E | 7 | 8D | 3 |

COLORS  
LEGEND - BLACK  
BACKGROUND - ORANGE (REFL)

# E5-3

1/06



| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |
|--------------------------|-----|----|----|-----|------|
| A                        | B   | C  | D  | E   | F    |
| VAR                      | 600 | 38 | 75 | 150 | 300E |
| VAR                      | 600 | 38 | 75 | 113 | 375E |

| DIMENSIONS (INCHES) |    |       |   |       |     |
|---------------------|----|-------|---|-------|-----|
| A                   | B  | C     | D | E     | F   |
| VAR                 | 24 | 1 1/2 | 3 | 6     | 12E |
| VAR                 | 24 | 1 1/2 | 3 | 4 1/2 | 15E |

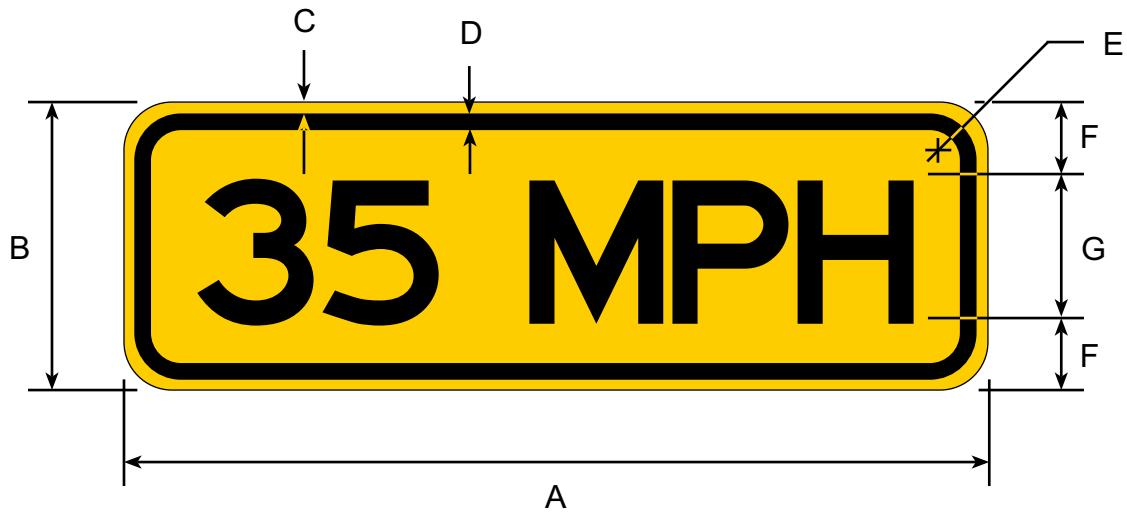
## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - GREEN (REFL)



# E5-4

1/06



| DIMENSIONS (MILLIMETERS) |     |    |    |    |     |      |
|--------------------------|-----|----|----|----|-----|------|
| A                        | B   | C  | D  | E  | F   | G    |
| 1800                     | 600 | 25 | 31 | 75 | 150 | 300E |

| DIMENSIONS (INCHES) |    |   |       |   |   |     |
|---------------------|----|---|-------|---|---|-----|
| A                   | B  | C | D     | E | F | G   |
| 72                  | 24 | 1 | 1 1/4 | 3 | 6 | 12E |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# E6-101

1/06



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| SIZE<br>CODE | DIMENSIONS (MILLIMETERS) |      |        |                 |                       |               |                |        |      |                 |               |
|--------------|--------------------------|------|--------|-----------------|-----------------------|---------------|----------------|--------|------|-----------------|---------------|
|              | EXIT PANEL               |      |        | ROUTE<br>MARKER | CARDINAL<br>DIRECTION | PLACE<br>NAME | ACTION MESSAGE |        |      | BORDER<br>WIDTH | ARROW<br>SIZE |
|              | WORD                     | NUM  | LETTER |                 |                       |               | NUM.           | FRACT. | WORD |                 |               |
| B            | 200E                     | 300E | 300E   | 600             | 250E/200E             | 265/200       | 200E           | 250E   | 200E | 37.5            | 3 OR 4        |
| C            | 250E                     | 375E | 375E   | 900             | 300E/250E             | 332/250       | 300E           | 250E   | 250E | 50              | 3 OR 4        |
| D            | 250E                     | 375E | 375E   | 900             | 300E/250E             | 400/300       | 375E           | 300E   | 300E | 50              | 5 OR 6        |
| E            | 300E                     | 450E | 450E   | 900             | 375E/300E             | 400/300       | 375E           | 300E   | 300E | 50              | 5 OR 6        |

| SIZE<br>CODE | DIMENSIONS (INCHES) |     |        |                 |                       |               |                |        |      |                 |               |
|--------------|---------------------|-----|--------|-----------------|-----------------------|---------------|----------------|--------|------|-----------------|---------------|
|              | EXIT PANEL          |     |        | ROUTE<br>MARKER | CARDINAL<br>DIRECTION | PLACE<br>NAME | ACTION MESSAGE |        |      | BORDER<br>WIDTH | ARROW<br>SIZE |
|              | WORD                | NUM | LETTER |                 |                       |               | NUM.           | FRACT. | WORD |                 |               |
| B            | 8E                  | 12E | 12E    | 24              | 10E/8E                | 10.6/8        | 10 E           | 8 E    | 8 E  | 1 1/2           | 3 OR 4        |
| C            | 10E                 | 15E | 15E    | 36              | 12E/10E               | 13.3/10       | 12 E           | 10 E   | 10 E | 2               | 3 OR 4        |
| D            | 10E                 | 15E | 15E    | 36              | 15E/12E               | 16/12         | 15 E           | 12 E   | 12 E | 2               | 5 OR 6        |
| E            | 12E                 | 18E | 18E    | 36              | 15E/12E               | 16/12         | 15 E           | 12 E   | 12 E | 2               | 5 OR 6        |

## COLORS

LEGEND— WHITE (REFL)  
BACKGROUND— GREEN (REFL)

# E6-2

1/06



\*\*\* SEE APPENDIX FOR STANDARD ARROW DETAILS  
WITH OR WITHOUT DOWN ARROW

| SIZE<br>CODE | DIMENSIONS (MILLIMETERS) |                       |               |                 |                 |
|--------------|--------------------------|-----------------------|---------------|-----------------|-----------------|
|              | ROUTE<br>MARKER          | CARDINAL<br>DIRECTION | PLACE<br>NAME | ARROW<br>DIMEN. | BORDER<br>WIDTH |
| B            | 600                      | 250E/200E             | 265/200       | NO. 7           | 38              |
| C            | 900                      | 300E/250E             | 332/250       | NO. 8           | 50              |
| D            | 900                      | 375E/300E             | 400/300       | NO. 8           | 50              |

| SIZE<br>CODE | DIMENSIONS (INCHES) |                       |               |                 |                 |
|--------------|---------------------|-----------------------|---------------|-----------------|-----------------|
|              | ROUTE<br>MARKER     | CARDINAL<br>DIRECTION | PLACE<br>NAME | ARROW<br>DIMEN. | BORDER<br>WIDTH |
| B            | 24                  | 10E/8E                | 10.6/8        | NO. 7           | 1 1/2           |
| C            | 36                  | 12E/10E               | 13.3/10       | NO. 8           | 2               |
| D            | 36                  | 15E/12E               | 16/12         | NO. 8           | 2               |

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL)

# E7-1

1/06



NOTE: USE 18" SHIELD WITH SIZE CODE A & B. USE 24" SHIELD WITH SIZE C. ADD 6" TO VERTICAL DIMENSION FOR EACH SHIELD USED.

| SIZE<br>CODE | DIMENSIONS (MILLIMETERS) |      |                 |        |        |                 |               |        |        |
|--------------|--------------------------|------|-----------------|--------|--------|-----------------|---------------|--------|--------|
|              | LETTER SIZE              |      | VERT. DIMENSION |        |        | BORDER<br>WIDTH | CORNER RADIUS |        |        |
|              | PLACE                    | NUM. | 1 LINE          | 2 LINE | 3 LINE |                 | 1 LINE        | 2 LINE | 3 LINE |
| A            | 200/150                  | 200  | 600             | 900    | 1200   | 38              | 75            | 150    | 150    |
| B            | 265/200                  | 265  | 750             | 1200   | 1650   | 38              | 75            | 150    | 225    |
| C            | 332/250                  | 332  | 900             | 1500   | 2100   | 50              | 150           | 225    | 300    |

| SIZE<br>CODE | DIMENSIONS (INCHES) |      |                 |        |        |                 |               |        |        |
|--------------|---------------------|------|-----------------|--------|--------|-----------------|---------------|--------|--------|
|              | LETTER SIZE         |      | VERT. DIMENSION |        |        | BORDER<br>WIDTH | CORNER RADIUS |        |        |
|              | PLACE               | NUM. | 1 LINE          | 2 LINE | 3 LINE |                 | 1 LINE        | 2 LINE | 3 LINE |
| A            | 8/6                 | 8    | 24              | 36     | 48     | 1 1/2           | 3             | 6      | 6      |
| B            | 10.6/8              | 10.6 | 30              | 48     | 66     | 1 1/2           | 3             | 6      | 9      |
| C            | 13.3/10             | 13.3 | 36              | 60     | 84     | 2               | 6             | 9      | 12     |

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL)

# E8-1

1/06



NOTE: SIZE CODE B IS INTENDED FOR USE ON EXPRESSWAYS

| SIZE<br>CODE | DIMENSIONS (MILLIMETERS) |      |       |                 |        |                 |               |        |
|--------------|--------------------------|------|-------|-----------------|--------|-----------------|---------------|--------|
|              | LETTER SIZE              |      |       | VERT. DIMENSION |        | BORDER<br>WIDTH | CORNER RADIUS |        |
|              | PLACE                    | NUM. | FRACT | 2 LINE          | 3 LINE |                 | 2 LINE        | 3 LINE |
| B            | 265/200                  | 265  | 200   | 1200            | 1650   | 38              | 150           | 225    |
| C            | 332/250                  | 332  | 250   | 1500            | 2100   | 50              | 225           | 300    |

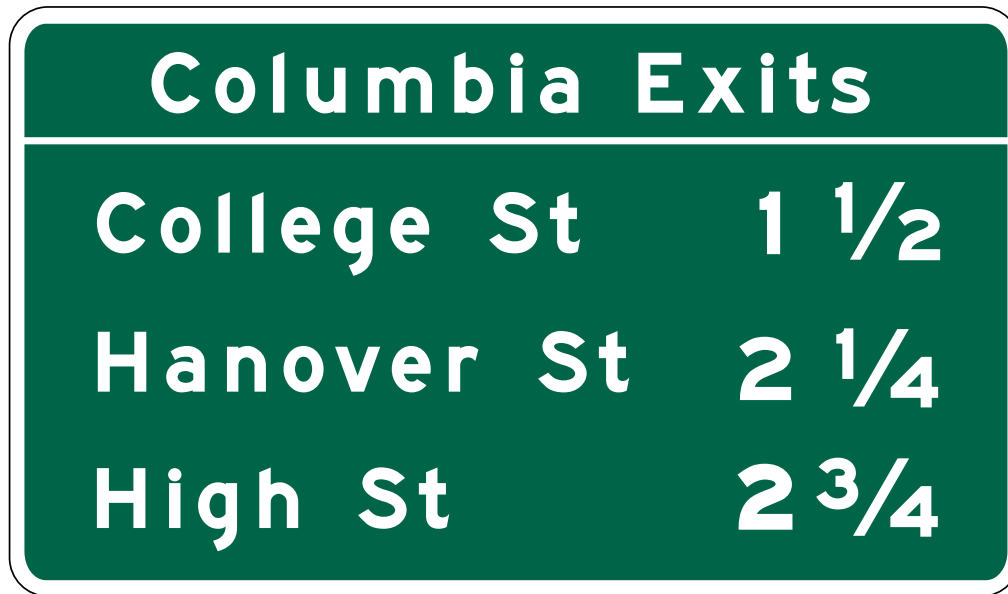
| SIZE<br>CODE | DIMENSIONS (INCHES) |      |       |                 |        |                 |               |        |
|--------------|---------------------|------|-------|-----------------|--------|-----------------|---------------|--------|
|              | LETTER SIZE         |      |       | VERT. DIMENSION |        | BORDER<br>WIDTH | CORNER RADIUS |        |
|              | PLACE               | NUM. | FRACT | 2 LINE          | 3 LINE |                 | 2 LINE        | 3 LINE |
| B            | 10.6/8              | 10.6 | 8     | 48              | 66     | 1 1/2           | 6             | 9      |
| C            | 13.3/10             | 13.3 | 10    | 60              | 84     | 2               | 9             | 12     |

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL)

## E8-2

1/06



SIZE CODE B IS INTENDED FOR USE ON EXPRESSWAYS

| SIZE<br>CODE | DIMENSIONS (MILLIMETERS) |      |       |                 |        |                 |               |        |
|--------------|--------------------------|------|-------|-----------------|--------|-----------------|---------------|--------|
|              | LETTER SIZE              |      |       | VERT. DIMENSION |        | BORDER<br>WIDTH | CORNER RADIUS |        |
|              | PLACE                    | NUM. | FRACT | 3 LINE          | 4 LINE |                 | 2 LINE        | 3 LINE |
| B            | 265/200                  | 265  | 200   | 1650            | 2100   | 38              | 150           | 300    |
| C            | 332/250                  | 332  | 250   | 2100            | 2700   | 50              | 225           | 300    |

| SIZE<br>CODE | DIMENSIONS (INCHES) |      |       |                 |        |                 |               |        |
|--------------|---------------------|------|-------|-----------------|--------|-----------------|---------------|--------|
|              | LETTER SIZE         |      |       | VERT. DIMENSION |        | BORDER<br>WIDTH | CORNER RADIUS |        |
|              | PLACE               | NUM. | FRACT | 3 LINE          | 4 LINE |                 | 3 LINE        | 4 LINE |
| B            | 10.6/8              | 10.6 | 8     | 66              | 84     | 1 1/2           | 6             | 12     |
| C            | 13.3/10             | 13.3 | 10    | 84              | 108    | 2               | 9             | 12     |

### COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL)

# E9-1

1/06



| SIZE<br>CODE | DIMENSIONS (MILLIMETERS) |      |    |     |     |      |     |     |
|--------------|--------------------------|------|----|-----|-----|------|-----|-----|
|              | A                        | B    | C  | D   | E   | F    | G   | H   |
| B            | VA                       | 1200 | 38 | 265 | 200 | 200E | 237 | 150 |
| C            | VA                       | 1500 | 50 | 332 | 250 | 250E | 300 | 225 |

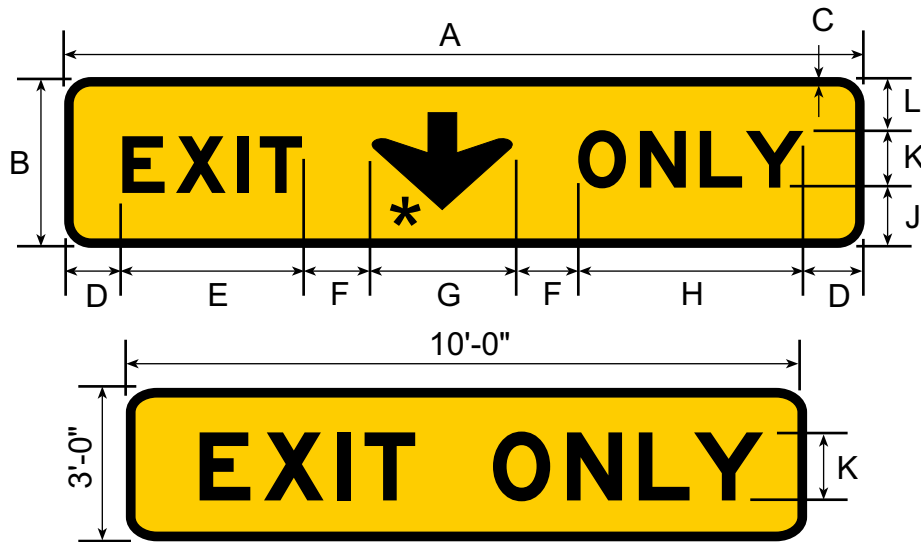
| SIZE<br>CODE | DIMENSIONS (INCHES) |    |       |      |    |     |       |   |
|--------------|---------------------|----|-------|------|----|-----|-------|---|
|              | A                   | B  | C     | D    | E  | F   | G     | H |
| B            | VA                  | 48 | 1 1/2 | 10.6 | 8  | 8E  | 9 1/2 | 6 |
| C            | VA                  | 60 | 2     | 13.3 | 10 | 10E | 12    | 9 |

## COLORS

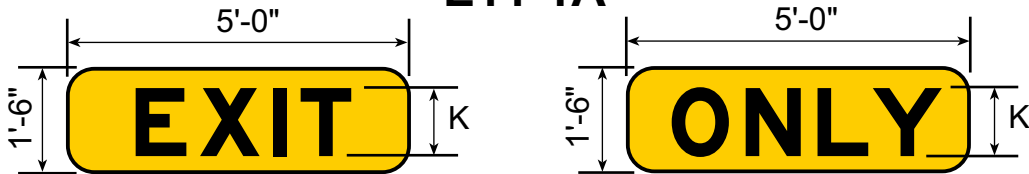
LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL)

## E11-1

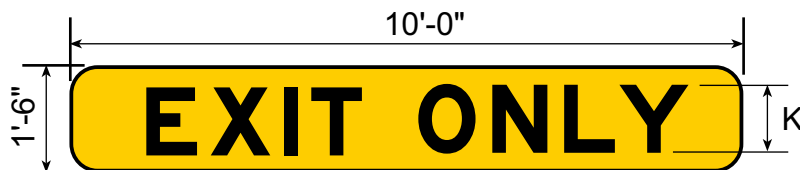
1/06



## E11-1A



## E11-1B



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| SIZE<br>CODE | DIMENSIONS (MILLIMETERS) |     |    |     |     |     |     |      |     |      |     | ARROW<br>NO. |
|--------------|--------------------------|-----|----|-----|-----|-----|-----|------|-----|------|-----|--------------|
|              | A                        | B   | C  | D   | E   | F   | G   | H    | J   | K    | L   |              |
| VAR          | 4200                     | 900 | 50 | 300 | 975 | 300 | 800 | 1225 | 350 | 300E | 250 | 8            |

| SIZE<br>CODE | DIMENSIONS (INCHES) |    |   |    |    |    |    |    |    |     |    | ARROW<br>NO. |
|--------------|---------------------|----|---|----|----|----|----|----|----|-----|----|--------------|
|              | A                   | B  | C | D  | E  | F  | G  | H  | J  | K   | L  |              |
| VAR          | 168                 | 36 | 2 | 12 | 39 | 12 | 32 | 49 | 14 | 12E | 10 | 8            |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)



## E12-101

11/97



## E12-201



NOTE: DIMENSIONS TYPICAL BOTH SIGNS

| SIGN | DIMENSIONS (MILLIMETERS) |     |    |      |    |    |
|------|--------------------------|-----|----|------|----|----|
|      | A                        | B   | C  | D    | E  | F  |
| STD. | 900                      | 600 | 13 | 150C | 88 | 56 |

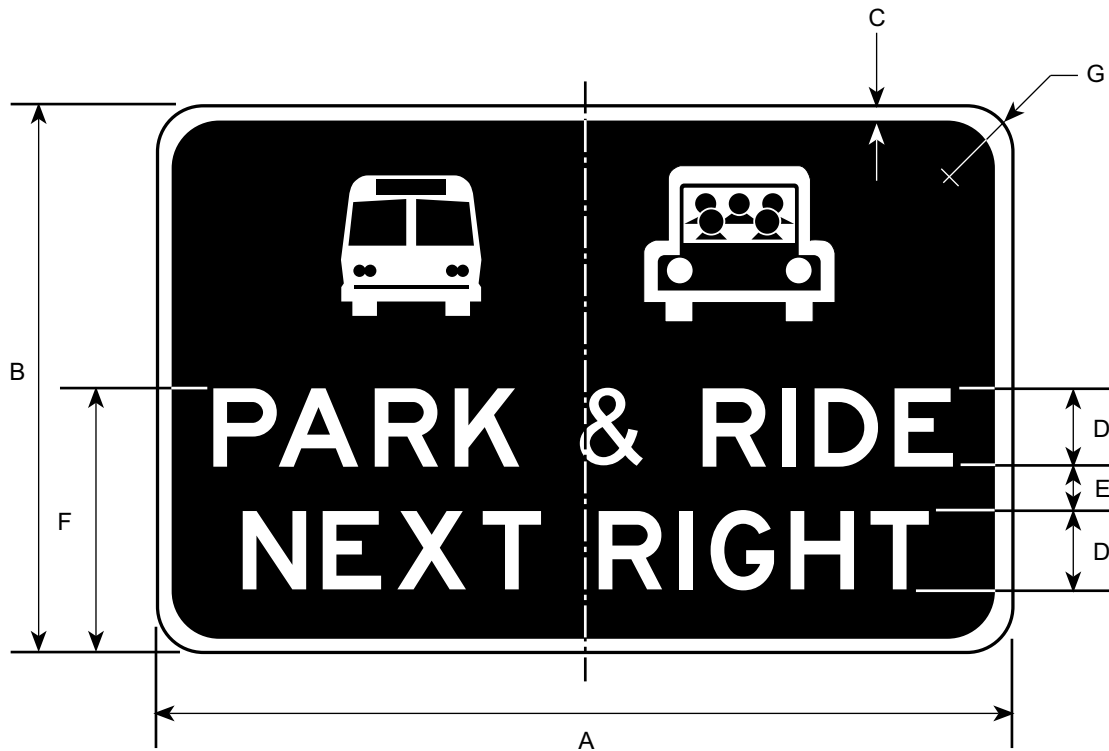
| SIGN | DIMENSIONS (INCHES) |    |     |    |       |       |
|------|---------------------|----|-----|----|-------|-------|
|      | A                   | B  | C   | D  | E     | F     |
| STD. | 36                  | 24 | 1/2 | 6C | 3 1/2 | 2 1/4 |

### COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL.)

# E13-1

11//97



| SIGN | DIMENSIONS (MILLIMETERS) |      |    |      |     |     |    |
|------|--------------------------|------|----|------|-----|-----|----|
|      | A                        | B    | C  | D    | E   | F   | G  |
| STD. | 2100                     | 1200 | 31 | 200E | 138 | 700 | 75 |

| SIGN | DIMENSIONS (INCHES) |    |       |    |       |    |   |
|------|---------------------|----|-------|----|-------|----|---|
|      | A                   | B  | C     | D  | E     | F  | G |
| STD. | 84                  | 48 | 1 1/4 | 8E | 5 1/2 | 28 | 3 |

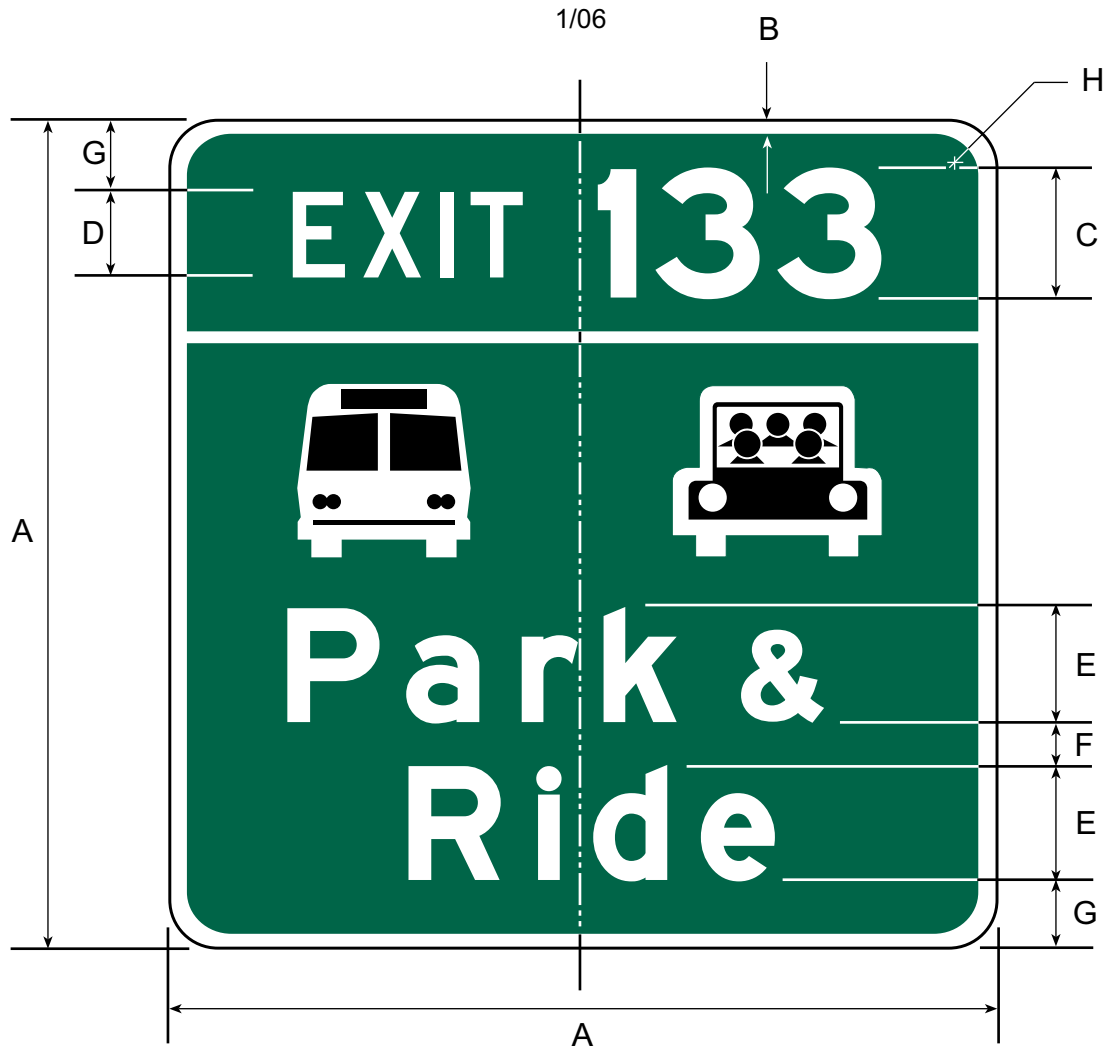
SEE PLANS FOR REQUIRED BUS AND CARPOOL SYMBOLS

BUS AND CARPOOL SIGNS ARE OPTIONAL. IF USED INDEPENDENTLY, SYMBOL WILL BE PLACED ON THE UPPER LEFT OF SIGN.

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — GREEN (REFL.)

# E13-2



| DIMENSIONS (MILLIMETERS) |    |      |      |             |     |     |     |
|--------------------------|----|------|------|-------------|-----|-----|-----|
| A                        | B  | C    | D    | E           | F   | G   | H   |
| 2400                     | 38 | 375E | 250E | 333/250E(M) | 200 | 250 | 100 |

| DIMENSIONS (INCHES) |       |     |     |             |   |    |   |
|---------------------|-------|-----|-----|-------------|---|----|---|
| A                   | B     | C   | D   | E           | F | G  | H |
| 96                  | 1 1/2 | 15E | 10E | 13.3/10E(M) | 8 | 10 | 4 |

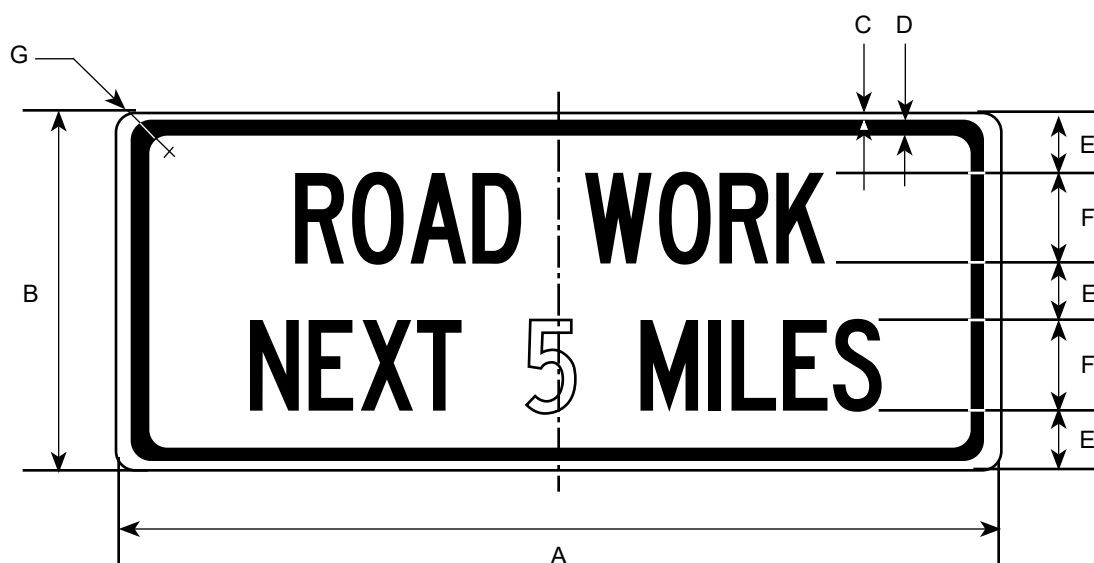
SEE PLANS FOR REQUIRED BUS AND CARPOOL SYMBOLS  
 BUS AND CARPOOL SIGNS ARE OPTIONAL. IF USED INDEPENDENTLY,  
 PLACE SYMBOL ON THE UPPER LEFT OF SIGN.

## COLORS

LEGEND— WHITE (REFL)  
 BACKGROUND— GREEN (REFL)

# G20-1

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |    |
|--------------------------|-----|----|----|-----|------|----|
| A                        | B   | C  | D  | E   | F    | G  |
| 1500                     | 600 | 16 | 22 | 100 | 150C | 75 |

| DIMENSIONS (INCHES) |    |     |     |   |    |   |
|---------------------|----|-----|-----|---|----|---|
| A                   | B  | C   | D   | E | F  | G |
| 60                  | 24 | 5/8 | 7/8 | 4 | 6C | 3 |

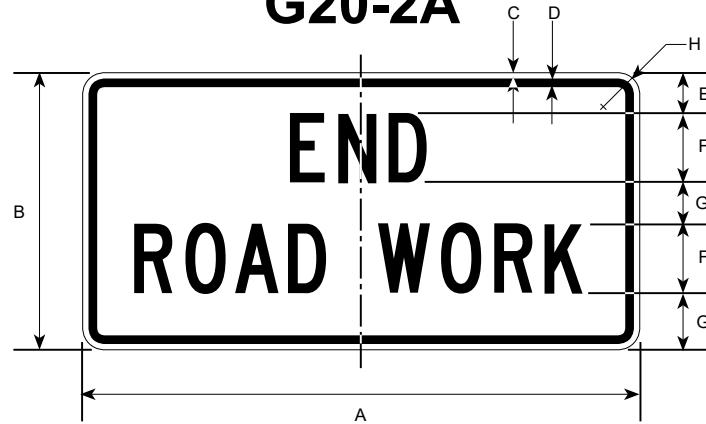
## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# G20-2A & G20-4

11/97

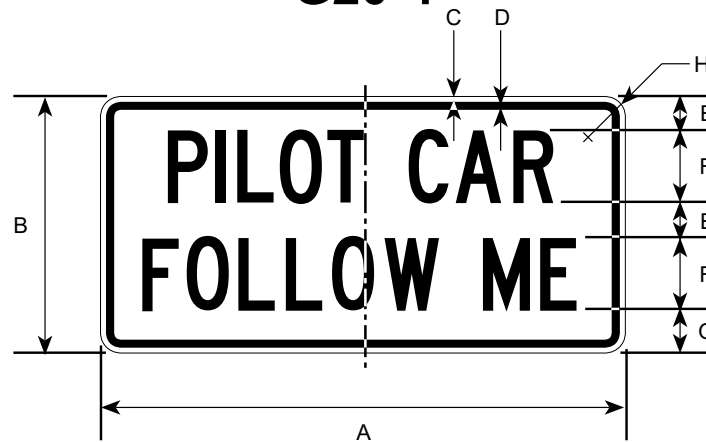
## G20-2A



| DIMENSIONS (MILLIMETERS) |     |   |    |    |      |    |    |
|--------------------------|-----|---|----|----|------|----|----|
| A                        | B   | C | D  | E  | F    | G  | H  |
| 1200                     | 600 | 9 | 16 | 75 | 150C | 11 | 38 |

| DIMENSIONS (INCHES) |    |     |     |   |    |       |       |
|---------------------|----|-----|-----|---|----|-------|-------|
| A                   | B  | C   | D   | E | F  | G     | H     |
| 48                  | 24 | 3/8 | 5/8 | 3 | 6C | 4 1/2 | 1 1/2 |

## G20-4



| DIMENSIONS (MILLIMETERS) |     |   |    |    |      |    |    |
|--------------------------|-----|---|----|----|------|----|----|
| A                        | B   | C | D  | E  | F    | G  | H  |
| 900                      | 450 | 9 | 16 | 66 | 125C | 69 | 38 |

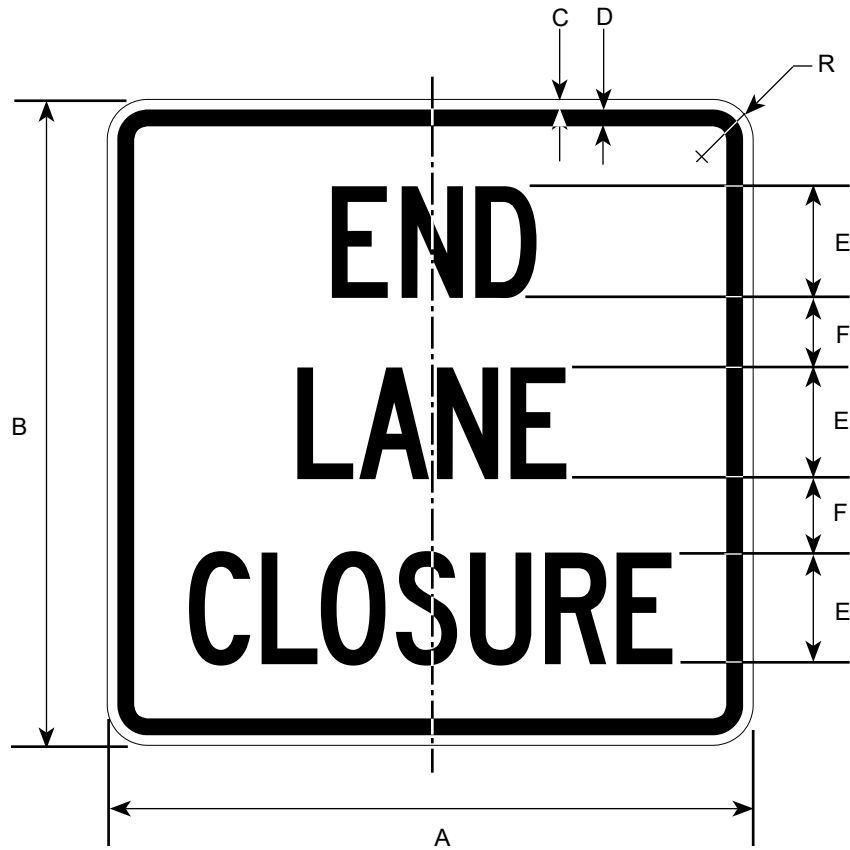
| DIMENSIONS (INCHES) |    |     |     |       |    |       |       |
|---------------------|----|-----|-----|-------|----|-------|-------|
| A                   | B  | C   | D   | E     | F  | G     | H     |
| 36                  | 18 | 3/8 | 5/8 | 2 5/8 | 5C | 2 3/4 | 1 1/2 |

### COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE

# G20-601

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |    |
|--------------------------|-----|----|----|------|----|----|
| A                        | B   | C  | D  | E    | F  | R  |
| 750                      | 750 | 13 | 19 | 125C | 88 | 47 |

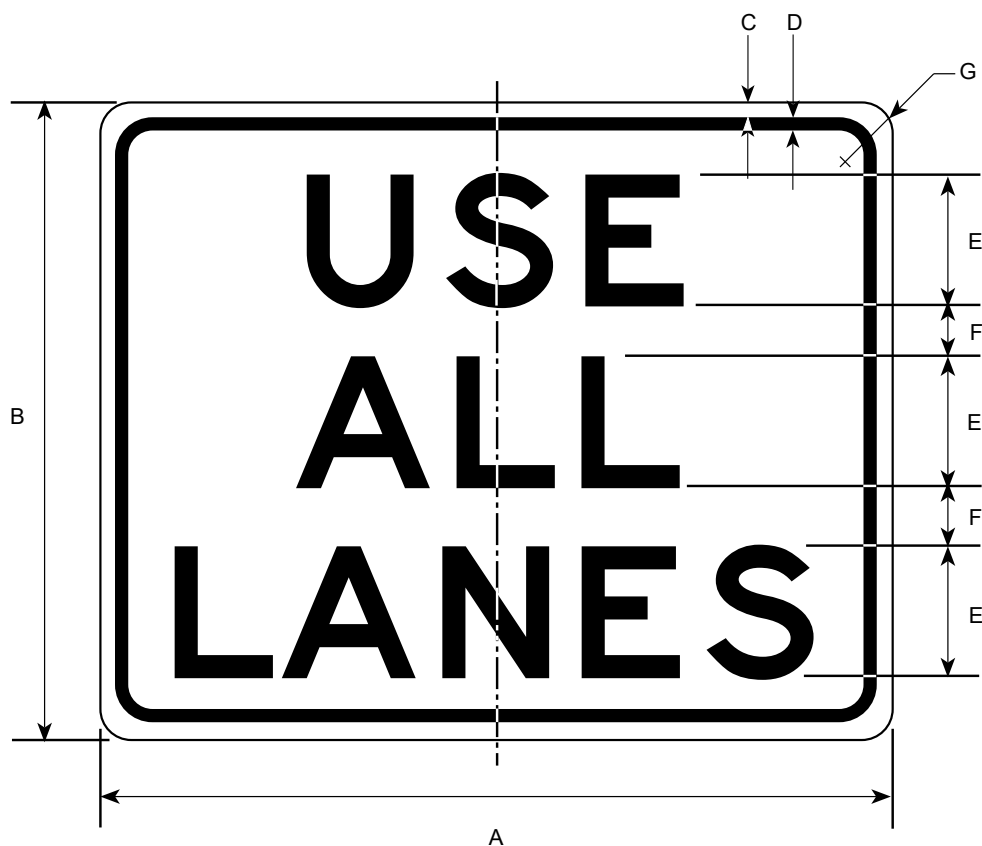
| DIMENSIONS (INCHES) |    |     |     |    |       |       |
|---------------------|----|-----|-----|----|-------|-------|
| A                   | B  | C   | D   | E  | F     | R     |
| 30                  | 30 | 1/2 | 3/4 | 5C | 3 1/2 | 1 7/8 |

## COLORS

LEGEND - BLACK (NON-REFL.)  
BACKGROUND - ORANGE (REFL.)

# G24-101

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |    |
|--------------------------|-----|----|----|------|----|----|
| A                        | B   | C  | D  | E    | F  | G  |
| 750                      | 600 | 9  | 16 | 125E | 47 | 38 |
| 1200                     | 900 | 16 | 22 | 175E | 75 | 56 |

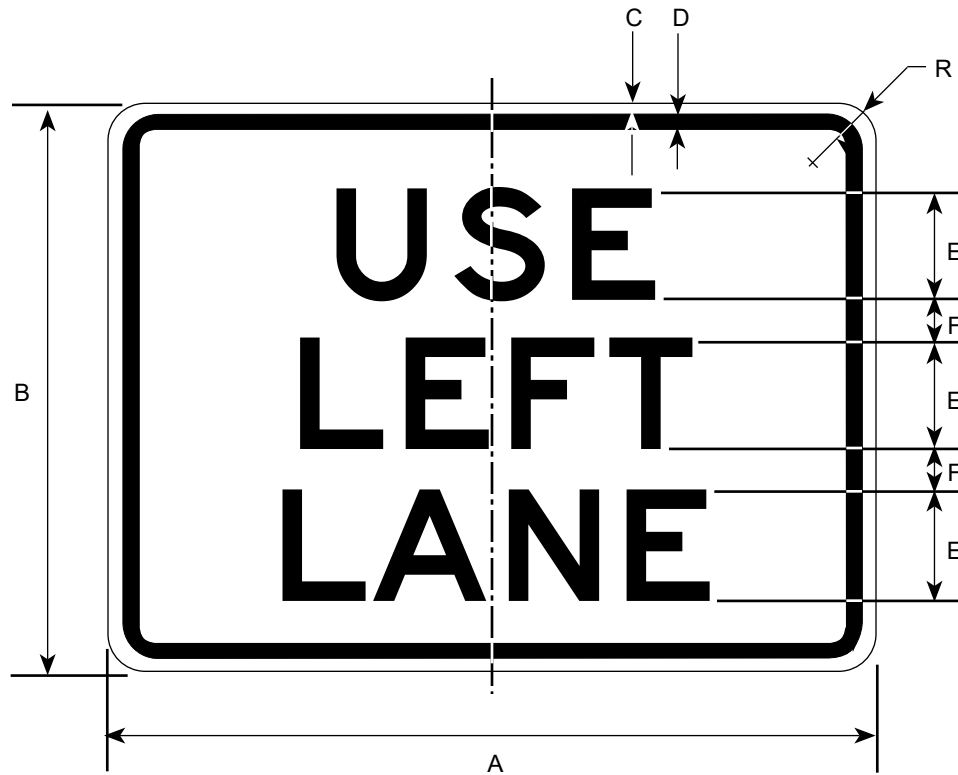
| DIMENSIONS (INCHES) |    |     |     |    |       |       |
|---------------------|----|-----|-----|----|-------|-------|
| A                   | B  | C   | D   | E  | F     | G     |
| 30                  | 24 | 3/8 | 5/8 | 5E | 1 3/4 | 1 1/2 |
| 48                  | 36 | 5/8 | 7/8 | 7E | 3     | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# G24-201

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |    |
|--------------------------|-----|----|----|------|----|----|
| A                        | B   | C  | D  | E    | F  | R  |
| 750                      | 600 | 9  | 16 | 125E | 47 | 38 |
| 1200                     | 900 | 16 | 22 | 175E | 75 | 56 |

| DIMENSIONS (INCHES) |    |     |     |     |       |       |
|---------------------|----|-----|-----|-----|-------|-------|
| A                   | B  | C   | D   | E   | F     | R     |
| 30                  | 24 | 3/8 | 5/8 | 5-E | 1 3/4 | 1 1/2 |
| 48                  | 36 | 5/8 | 7/8 | 7-E | 3     | 2 1/4 |

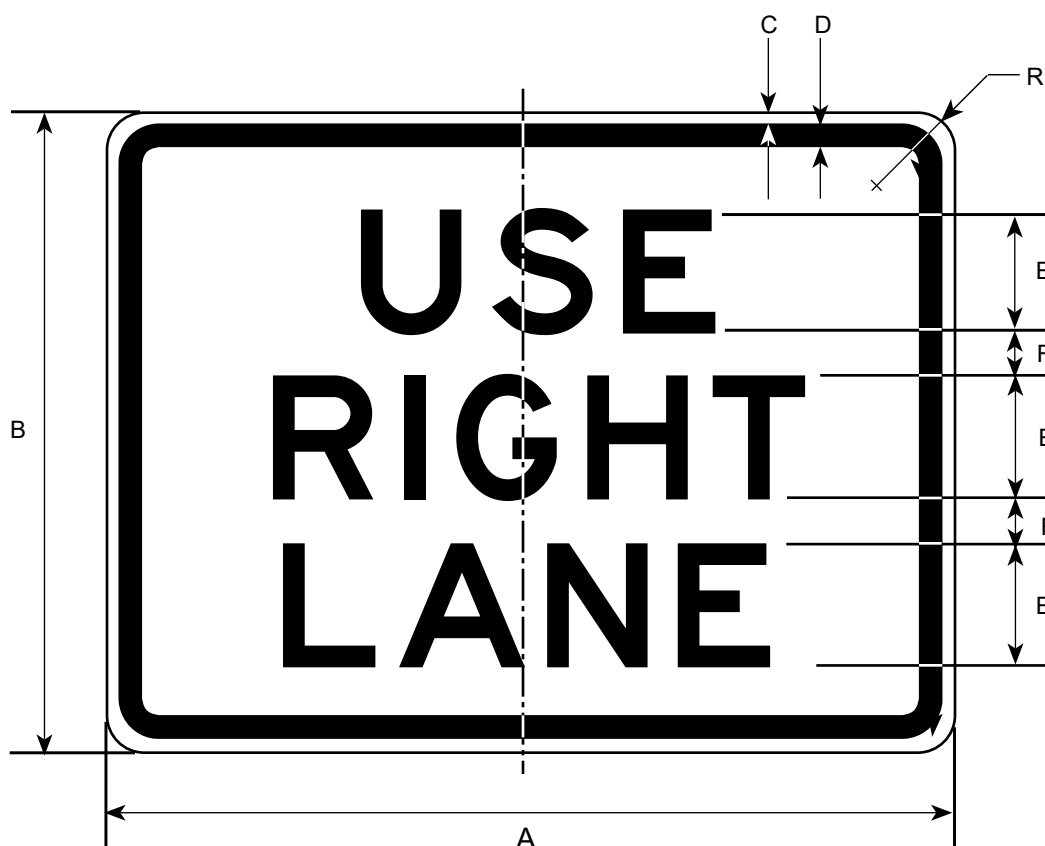
## COLORS

LEGEND - BLACK (NON-REFL.)  
BACKGROUND - ORANGE (REFL.)



# G24-301

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |    |
|--------------------------|-----|----|----|------|----|----|
| A                        | B   | C  | D  | E    | F  | R  |
| 750                      | 600 | 9  | 16 | 125E | 47 | 38 |
| 1200                     | 900 | 16 | 22 | 175E | 75 | 56 |

| DIMENSIONS (INCHES) |    |     |     |     |       |       |
|---------------------|----|-----|-----|-----|-------|-------|
| A                   | B  | C   | D   | E   | F     | R     |
| 30                  | 24 | 3/8 | 5/8 | 5-E | 1 3/4 | 1 1/2 |
| 48                  | 36 | 5/8 | 7/8 | 7-E | 3     | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL.)  
BACKGROUND - ORANGE (REFL.)

# G24-501

6/00



| DIMENSIONS (MILLIMETERS) |     |    |    |      |      |    |
|--------------------------|-----|----|----|------|------|----|
| A                        | B   | C  | D  | E    | F    | G  |
| 1200                     | 900 | 16 | 22 | 150D | 100D | 56 |

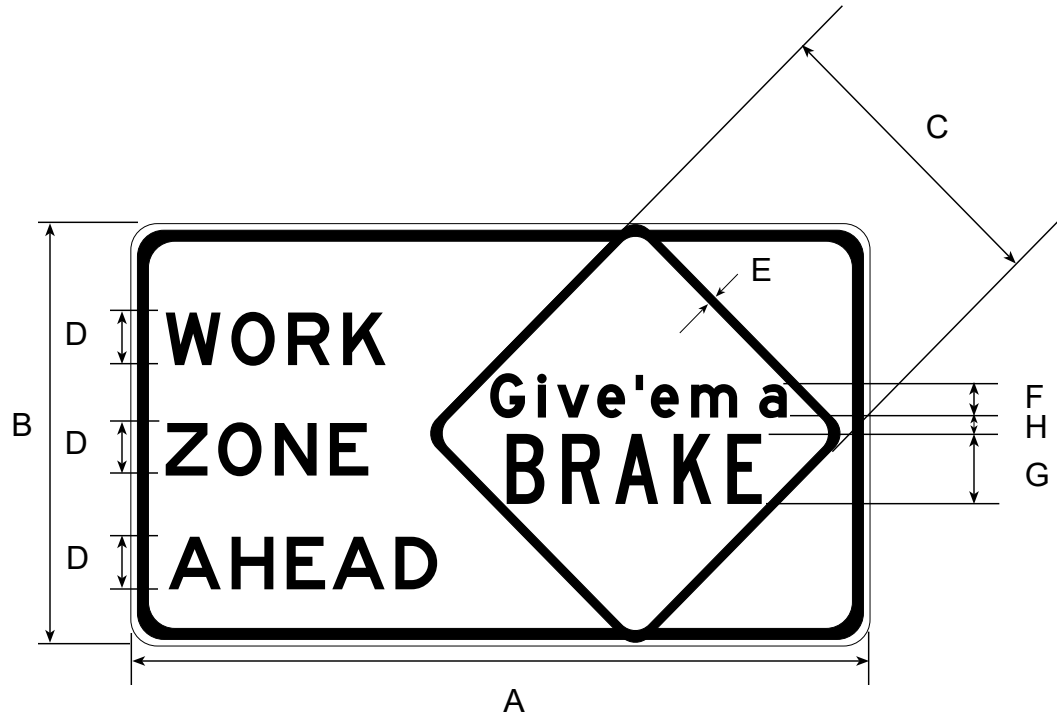
| DIMENSIONS (INCHES) |    |     |     |    |    |       |
|---------------------|----|-----|-----|----|----|-------|
| A                   | B  | C   | D   | E  | F  | G     |
| 48                  | 36 | 5/8 | 7/8 | 6D | 4D | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# G28-101

12/98



| DIMENSIONS (MILLIMETERS) |      |     |      |    |        |      |    |
|--------------------------|------|-----|------|----|--------|------|----|
| A                        | B    | C   | D    | E  | F      | G    | H  |
| 2100                     | 1200 | 850 | 150E | 22 | 125/94 | 200C | 50 |

| DIMENSIONS (INCHES) |    |    |    |     |        |    |   |
|---------------------|----|----|----|-----|--------|----|---|
| A                   | B  | C  | D  | E   | F      | G  | H |
| 84                  | 48 | 34 | 6E | 7/8 | 5/3.75 | 8C | 2 |

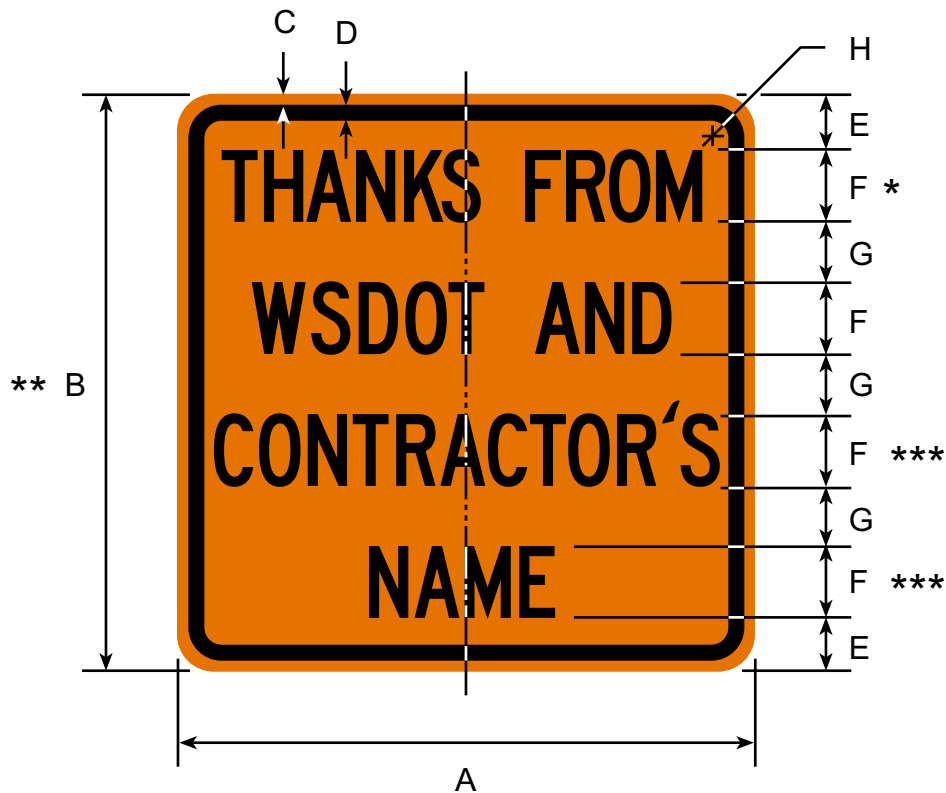
## COLORS

LEGEND - BLACK (NON-REFL.)

BACKGROUND - ORANGE (REFL.)

# G28-201

5/06



\* - REDUCE SPACING 30%

\*\* - IF CONTRACTOR'S NAME ONLY REQUIRES ONE LINE OF COPY REDUCE DIMENSION B TO 900mm (36")

\*\*\* - MAXIMUM OF TEN LETTER CHARACTERS PER LINE, IF CONTRACTOR'S NAME EXCEEDS TEN CHARACTERS PER LINE REDUCE LETTER SIZE TO 125C (5C)

| DIMENSIONS (MILLIMETERS) |      |    |      |     |     |     |    |
|--------------------------|------|----|------|-----|-----|-----|----|
| A                        | B    | C  | D    | E   | F   | G   | H  |
| 1200                     | 1200 | 19 | 150C | 113 | 150 | 125 | 75 |

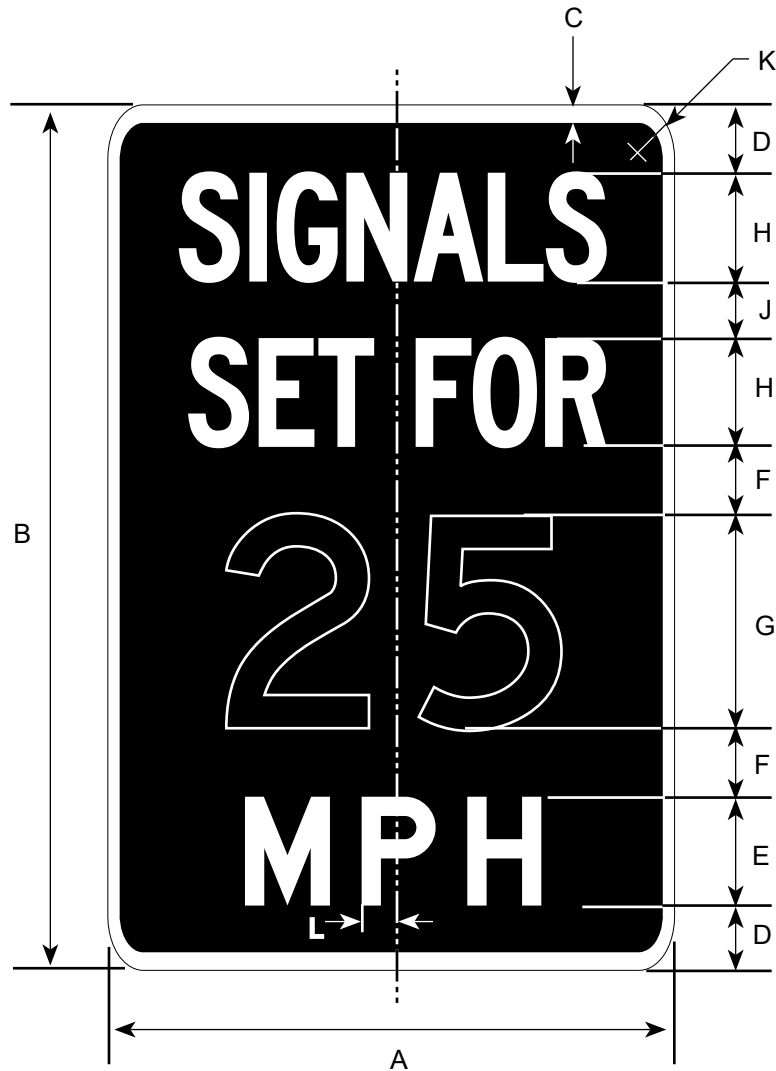
| DIMENSIONS (INCHES) |    |     |    |       |     |   |   |
|---------------------|----|-----|----|-------|-----|---|---|
| A                   | B  | C   | D  | E     | F   | G | H |
| 48                  | 48 | 3/4 | 6C | 4 1/2 | 150 | 5 | 3 |

## COLORS

LEGEND & BORDER - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# I1-1

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |     |    |      |     |    |    |    |
|--------------------------|-----|----|----|-----|----|------|-----|----|----|----|
| A                        | B   | C  | D  | E   | F  | G    | H   | J  | K  | L  |
| 300                      | 450 | 13 | 50 | 50D | 35 | 100D | 50C | 31 | 38 | 13 |

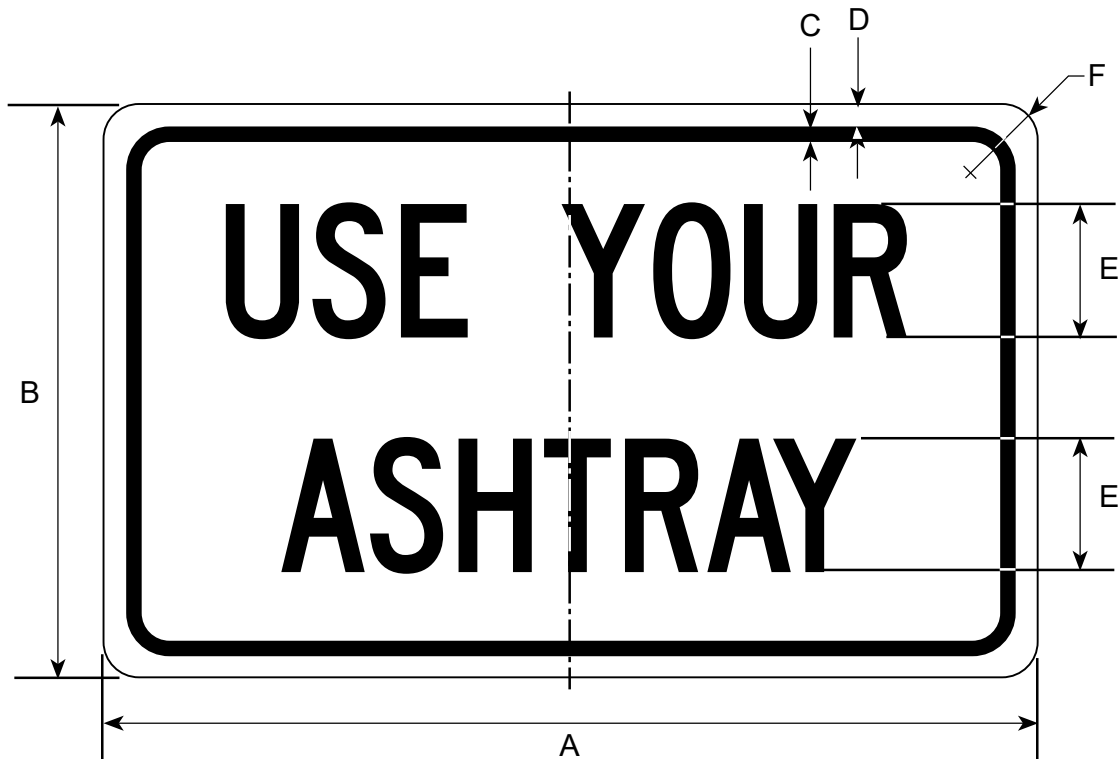
| DIMENSIONS (INCHES) |    |     |   |    |       |    |    |       |       |     |
|---------------------|----|-----|---|----|-------|----|----|-------|-------|-----|
| A                   | B  | C   | D | E  | F     | G  | H  | J     | K     | L   |
| 12                  | 18 | 1/2 | 2 | 2D | 1 3/8 | 4D | 2C | 1 1/4 | 1 1/2 | 1/2 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - GREEN (REFL)

# I1-2

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |
|--------------------------|-----|----|----|------|----|
| A                        | B   | C  | D  | E    | F  |
| 750                      | 450 | 16 | 22 | 100C | 47 |

| DIMENSIONS (INCHES) |    |     |     |    |       |
|---------------------|----|-----|-----|----|-------|
| A                   | B  | C   | D   | E  | F     |
| 30                  | 18 | 5/8 | 7/8 | 4C | 1 7/8 |

## COLORS

LEGEND - GREEN (REFL)

BACKGROUND - WHITE (REFL)

# I1-201

11/97



| DIMENSIONS (MILLIMETERS) |    |    |    |    |
|--------------------------|----|----|----|----|
| A                        | B  | C  | D  | E  |
| 750                      | 62 | 16 | 22 | 47 |

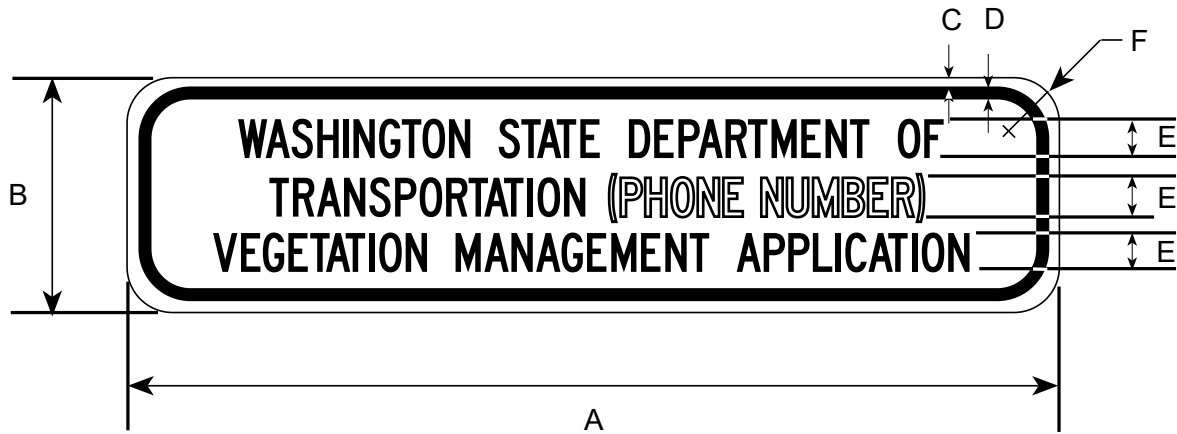
| DIMENSIONS (INCHES) |       |     |     |       |
|---------------------|-------|-----|-----|-------|
| A                   | B     | C   | D   | E     |
| 30                  | 2 1/2 | 5/8 | 7/8 | 1 7/8 |

## COLORS

CIRCLE— RED (REFL)  
 BORDER—GREEN (REFL)  
 BACKGROUND—WHITE (REFL)  
 TREE—GREEN (REFL)  
 FLAME— ORANGE (REFL)  
 TREE TRUNK— BROWN (REFL)

# I1-301

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |     |    |
|--------------------------|-----|---|----|-----|----|
| A                        | B   | C | D  | E   | F  |
| 1200                     | 300 | 9 | 16 | 50C | 38 |

| DIMENSIONS (INCHES) |    |     |     |    |       |
|---------------------|----|-----|-----|----|-------|
| A                   | B  | C   | D   | E  | F     |
| 48                  | 12 | 3/8 | 5/8 | 2C | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)



# I2-101

11/97



| DIMENSIONS (MILLIMETERS) |      |      |     |      |    |
|--------------------------|------|------|-----|------|----|
| A                        | B    | C    | D   | E    | F  |
| 1800                     | 1200 | 162E | 250 | 175E | 75 |

| DIMENSIONS (INCHES) |    |        |    |    |   |
|---------------------|----|--------|----|----|---|
| A                   | B  | C      | D  | E  | F |
| 72                  | 48 | 6 1/2E | 10 | 7E | 3 |

## COLORS

SYMBOL - WHITE (REFL)

LEGEND - BLACK (NON-REFL)

BACKGROUND - GREEN (REFL)

WASHINGTON SCRIPT - GREEN (REFL)

# I2-201

11/97



| SIZE<br>CODE | DIMENSIONS (MILLIMETERS) |      |    |      |        |        |     |     |     |
|--------------|--------------------------|------|----|------|--------|--------|-----|-----|-----|
|              | A                        | B    | C  | D    | E      | F      | G   | H   | J   |
| A            | VA                       | 750  | 25 | 100D | 113    | 150 UC | 75  | 125 | 100 |
| B            | VA                       | 1200 | 38 | 150D | 150 LC | 200 UC | 150 | 200 | 150 |

| SIZE<br>CODE | DIMENSIONS (INCHES) |    |       |    |          |      |   |   |   |
|--------------|---------------------|----|-------|----|----------|------|---|---|---|
|              | A                   | B  | C     | D  | E        | F    | G | H | J |
| A            | VA                  | 30 | 1     | 4D | 4 1/2 LC | 6 UC | 3 | 5 | 4 |
| B            | VA                  | 48 | 1 1/2 | 6D | 6 LC     | 8 UC | 6 | 8 | 6 |

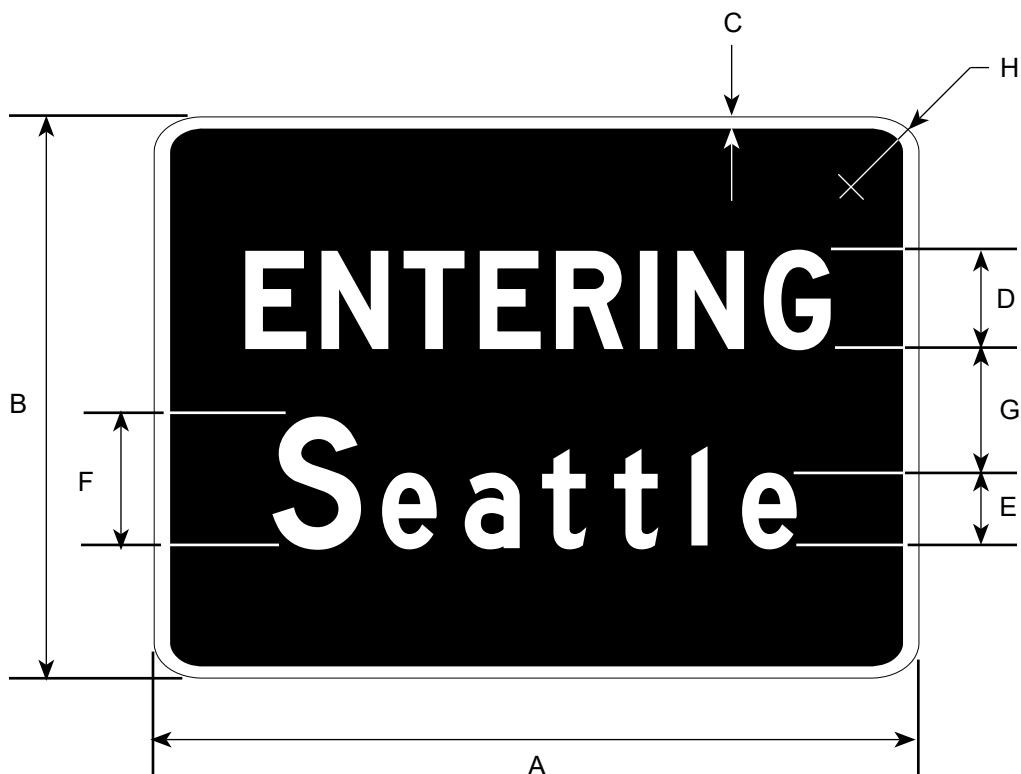
## COLORS

LEGEND - WHITE (REFL)

BACKGROUND - GREEN (REFL)

# I2-301

11/97



| DIMENSIONS (MILLIMETERS) |     |     |    |      |       |       |     |     |
|--------------------------|-----|-----|----|------|-------|-------|-----|-----|
| CODE                     | A   | B   | C  | D    | E     | F     | G   | H   |
| A                        | VAR | 600 | 25 | 100D | 113LC | 150UC | 113 | 100 |
| B                        | VAR | 900 | 38 | 150D | 150LC | 200UC | 175 | 150 |

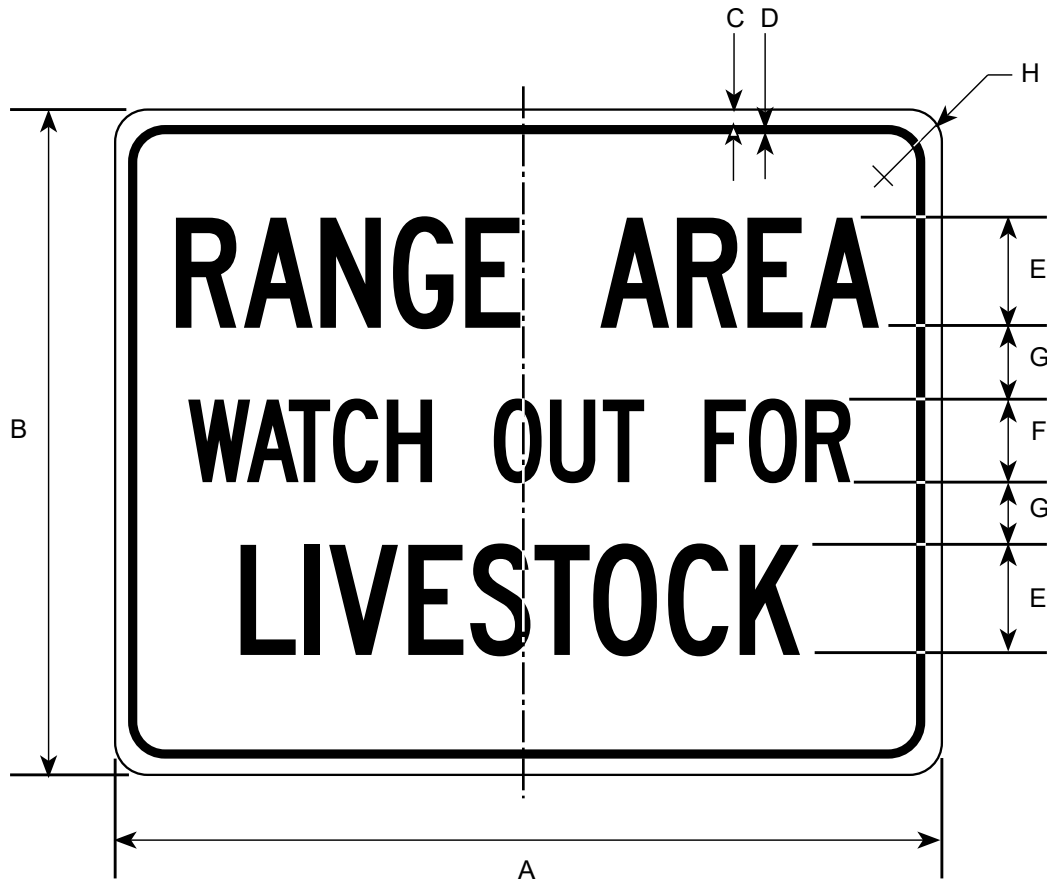
| DIMENSIONS (INCHES) |     |    |       |    |         |     |       |   |
|---------------------|-----|----|-------|----|---------|-----|-------|---|
| CODE                | A   | B  | C     | D  | E       | F   | G     | H |
| A                   | VAR | 24 | 1     | 4D | 4 1/2LC | 6UC | 4 1/2 | 4 |
| B                   | VAR | 36 | 1 1/2 | 6D | 6LC     | 8UC | 7     | 6 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - GREEN (REFL)

# I2-401

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |     |    |    |
|--------------------------|-----|----|----|------|-----|----|----|
| A                        | B   | C  | D  | E    | F   | G  | H  |
| 750                      | 600 | 10 | 16 | 100C | 75C | 63 | 38 |

| DIMENSIONS (INCHES) |    |     |     |    |    |       |       |
|---------------------|----|-----|-----|----|----|-------|-------|
| A                   | B  | C   | D   | E  | F  | G     | H     |
| 30                  | 24 | 3/8 | 5/8 | 4C | 3C | 2 1/2 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

# I2-501

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |     |    |
|--------------------------|-----|----|----|------|-----|----|
| A                        | B   | C  | D  | E    | F   | G  |
| 750                      | 600 | 10 | 16 | 100C | 100 | 38 |

| DIMENSIONS (INCHES) |    |     |     |    |   |       |
|---------------------|----|-----|-----|----|---|-------|
| A                   | B  | C   | D   | E  | F | G     |
| 30                  | 24 | 3/8 | 5/8 | 4C | 4 | 1 1/2 |

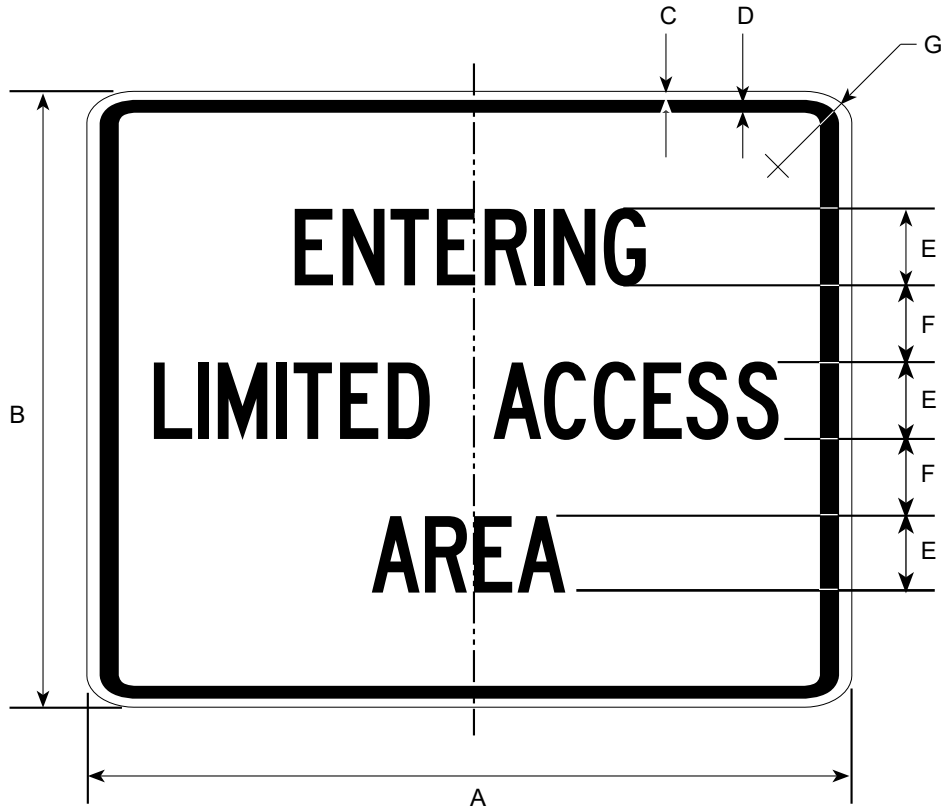
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

# I2-601

11/97



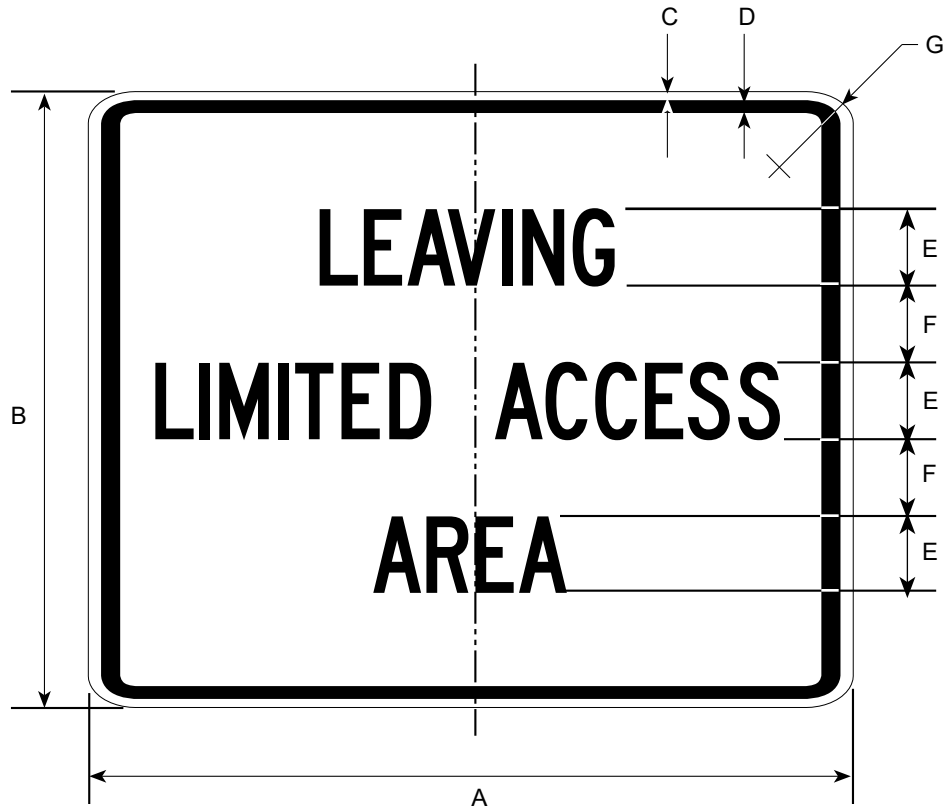
| DIMENSIONS (MILLIMETERS) |     |    |    |     |    |    |
|--------------------------|-----|----|----|-----|----|----|
| A                        | B   | C  | D  | E   | F  | G  |
| 750                      | 600 | 10 | 16 | 75C | 81 | 38 |

| DIMENSIONS (INCHES) |    |     |     |    |       |       |
|---------------------|----|-----|-----|----|-------|-------|
| A                   | B  | C   | D   | E  | F     | G     |
| 30                  | 24 | 3/8 | 5/8 | 3C | 3 1/4 | 1 1/2 |

COLORS  
 LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)

# I2-701

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |     |    |    |
|--------------------------|-----|----|----|-----|----|----|
| A                        | B   | C  | D  | E   | F  | G  |
| 750                      | 600 | 10 | 16 | 75C | 81 | 38 |

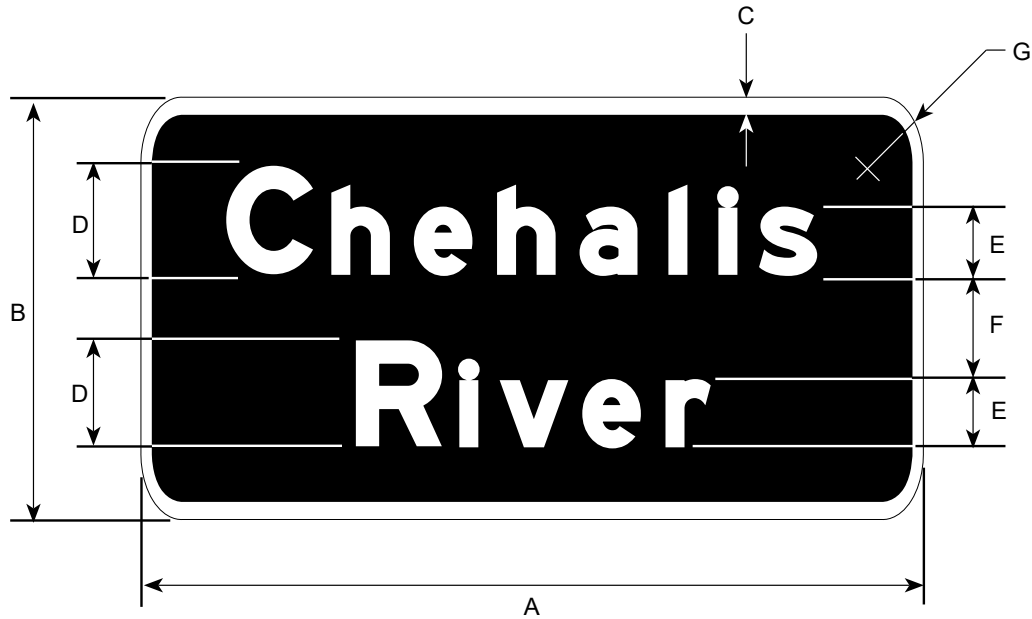
| DIMENSIONS (INCHES) |    |     |     |    |       |       |
|---------------------|----|-----|-----|----|-------|-------|
| A                   | B  | C   | D   | E  | F     | G     |
| 30                  | 24 | 3/8 | 5/8 | 3C | 3 1/4 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# I3-101

11/97



| DIMENSIONS (MILLIMETERS) |     |     |    |       |       |     |     |
|--------------------------|-----|-----|----|-------|-------|-----|-----|
| CODE                     | A   | B   | C  | D     | E     | F   | G   |
| A                        | VAR | 600 | 19 | 150UC | 113LC | 100 | 75  |
| B                        | VAR | 900 | 38 | 200UC | 150LC | 150 | 113 |

| DIMENSIONS (INCHES) |     |    |       |     |         |   |     |
|---------------------|-----|----|-------|-----|---------|---|-----|
| CODE                | A   | B  | C     | D   | E       | F | G   |
| A                   | VAR | 24 | 3/4   | 6UC | 4 1/2LC | 4 | 3   |
| B                   | VAR | 36 | 1 1/2 | 8UC | 6LC     | 6 | 4.5 |

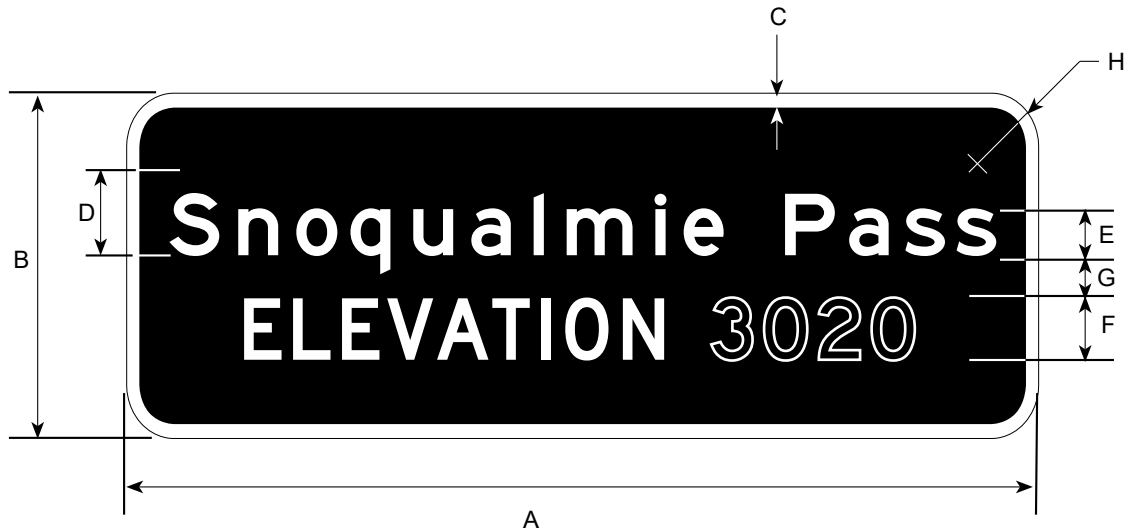
## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - GREEN (REFL)



# I3-201

11/97



| DIMENSIONS (MILLIMETERS) |     |     |    |       |       |      |     |     |
|--------------------------|-----|-----|----|-------|-------|------|-----|-----|
| CODE                     | A   | B   | C  | D     | E     | F    | G   | H   |
| A                        | VAR | 600 | 19 | 150UC | 113LC | 125D | 100 | 75  |
| B                        | VAR | 900 | 38 | 200UC | 150LC | 150D | 150 | 150 |

| DIMENSIONS (INCHES) |     |    |       |     |         |    |   |   |
|---------------------|-----|----|-------|-----|---------|----|---|---|
| CODE                | A   | B  | C     | D   | E       | F  | G | H |
| A                   | VAR | 24 | 3/4   | 6UC | 4 1/2LC | 5D | 4 | 3 |
| B                   | VAR | 36 | 1 1/2 | 8UC | 6LC     | 6D | 6 | 6 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - GREEN (REFL)

# I4-301

11/97



| DIMENSIONS (MILLIMETERS) |     |       |      |                  |
|--------------------------|-----|-------|------|------------------|
| A                        | B   | C     | D    | SYMBOL SIZE      |
| 600                      | 750 | 15.62 | 37.5 | CONTACT ST. ENG. |

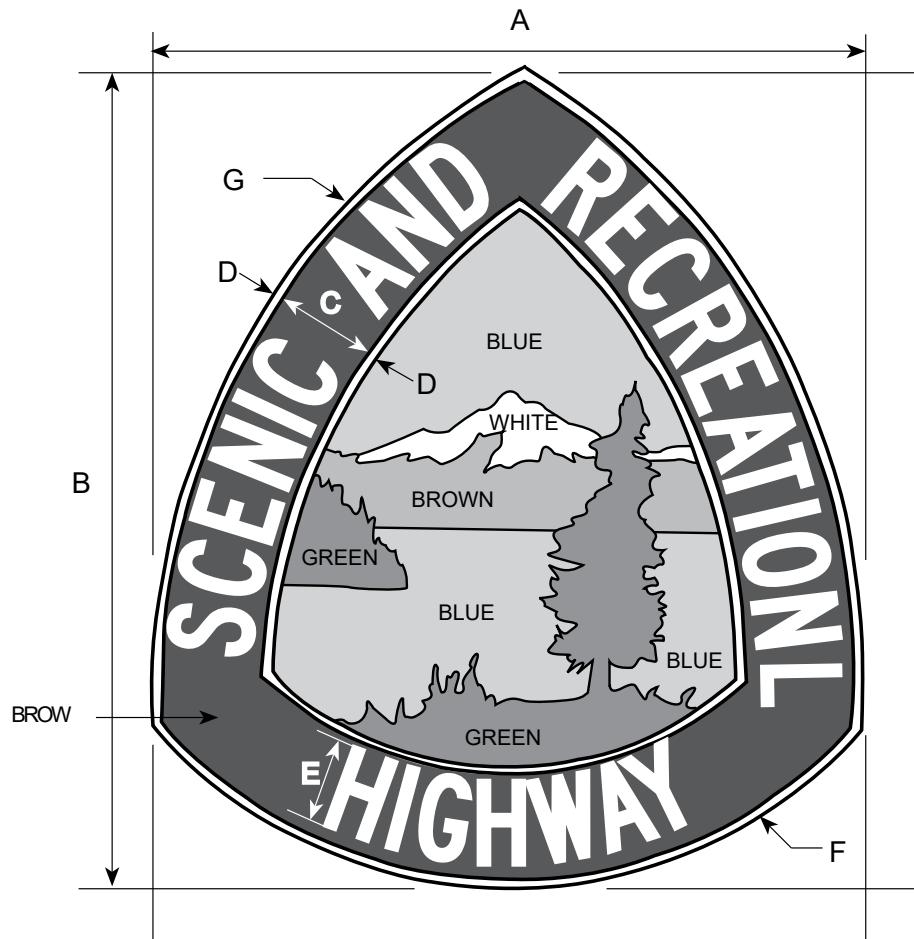
| DIMENSIONS (INCHES) |    |     |       |                  |
|---------------------|----|-----|-------|------------------|
| A                   | B  | C   | D     | SYMBOL SIZE      |
| 24                  | 30 | 5/8 | 1 1/2 | CONTACT ST. ENG. |

## COLORS

LEGEND - BROWN (REFL)  
BACKGROUND - WHITE (REFL)

# I4-401

11/97



| DIMENSIONS |      |       |      |      |     |     |
|------------|------|-------|------|------|-----|-----|
| A          | B    | C     | D    | E    | F   | G   |
| 900        | 1050 | 137.5 | 12.5 | 100C | 600 | 900 |

| DIMENSIONS |    |       |     |    |    |    |
|------------|----|-------|-----|----|----|----|
| A          | B  | C     | D   | E  | F  | G  |
| 36         | 42 | 5 1/2 | 1/2 | 4C | 24 | 36 |

## COLOR

LEGEND - WHITE LETTERS, COLOR AS NOTED

BACKGROUND - FULLY REFLECTORIZED

# I5-103

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |
|--------------------------|-----|----|----|------|----|
| A                        | B   | C  | D  | E    | F  |
| 1200                     | 900 | 16 | 22 | 150D | 56 |

| DIMENSIONS (INCHES) |    |     |     |    |       |
|---------------------|----|-----|-----|----|-------|
| A                   | B  | C   | D   | E  | F     |
| 48                  | 36 | 5/8 | 7/8 | 6D | 2 1/4 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BROWN (REFL)

# I5-104

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |               |
|--------------------------|-----|----|----|------|----|---------------|
| A                        | B   | C  | D  | E    | F  | ARROW<br>SIZE |
| 1200                     | 900 | 16 | 22 | 150D | 56 | 225 X 150     |

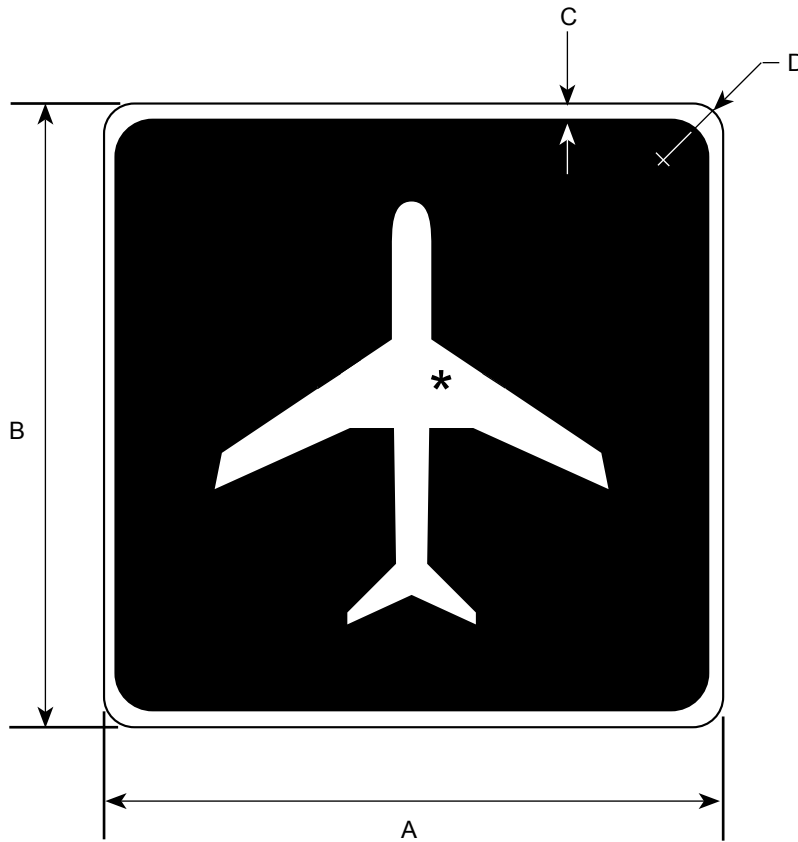
| DIMENSIONS (INCHES) |    |     |     |    |       |               |
|---------------------|----|-----|-----|----|-------|---------------|
| A                   | B  | C   | D   | E  | F     | ARROW<br>SIZE |
| 48                  | 36 | 5/8 | 7/8 | 6D | 2 1/4 | 9 X 6         |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BROWN (REFL)

# I5-5

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |     |    |    |
|--------------------------|-----|----|----|
| A                        | B   | C  | D  |
| 600                      | 600 | 13 | 38 |
| 750                      | 750 | 19 | 47 |

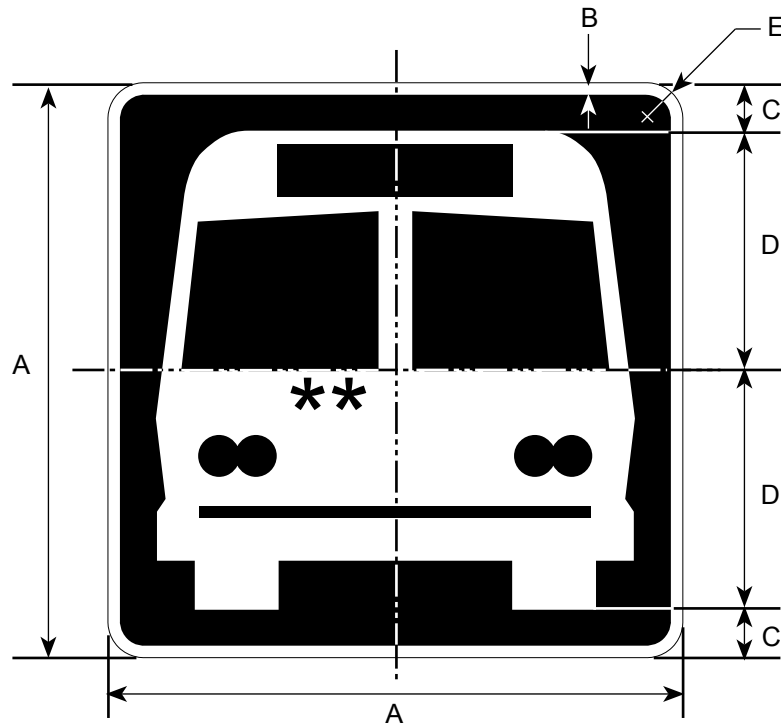
| DIMENSIONS (INCHES) |    |     |       |
|---------------------|----|-----|-------|
| A                   | B  | C   | D     |
| 24                  | 24 | 1/2 | 1 1/2 |
| 30                  | 30 | 3/4 | 1 7/8 |

## COLORS

LEGEND\* WHITE (REFL)  
BACKGROUND\* GREEN (REFL)

# I5-6

10/03



\*\* See appendix for symbol design

| DIMENSIONS (MILLIMETERS) |    |    |     |    |
|--------------------------|----|----|-----|----|
| A                        | B  | C  | D   | E  |
| 600                      | 13 | 75 | 225 | 38 |
| 750                      | 19 | 94 | 281 | 47 |

| DIMENSIONS (INCHES) |     |       |        |       |
|---------------------|-----|-------|--------|-------|
| A                   | B   | C     | D      | E     |
| 24                  | 1/2 | 3     | 9      | 1 1/2 |
| 30                  | 3/4 | 3 3/4 | 11 1/4 | 1 7/8 |

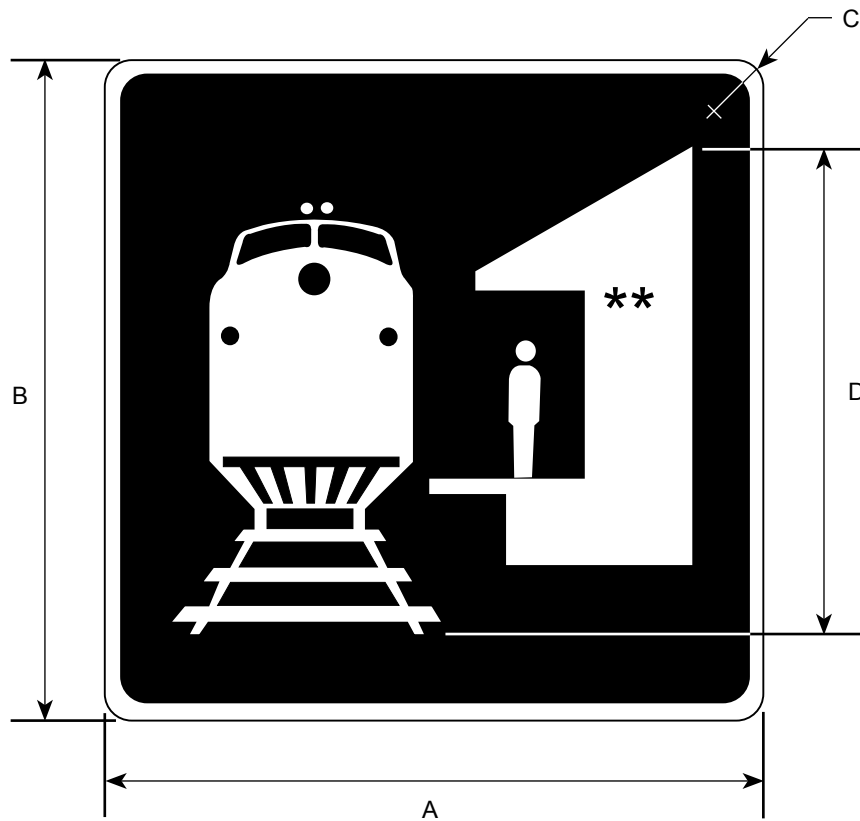
## COLORS

LEGEND — WHITE (REFL)

BACKGROUND — GREEN

# I5-7

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |     |    |     |
|--------------------------|-----|----|-----|
| A                        | B   | C  | D   |
| 600                      | 600 | 38 | 450 |
| 750                      | 750 | 47 | 563 |

| DIMENSIONS (INCHES) |    |       |        |
|---------------------|----|-------|--------|
| A                   | B  | C     | D      |
| 24                  | 24 | 1 1/2 | 18     |
| 30                  | 30 | 1 7/8 | 22 1/2 |

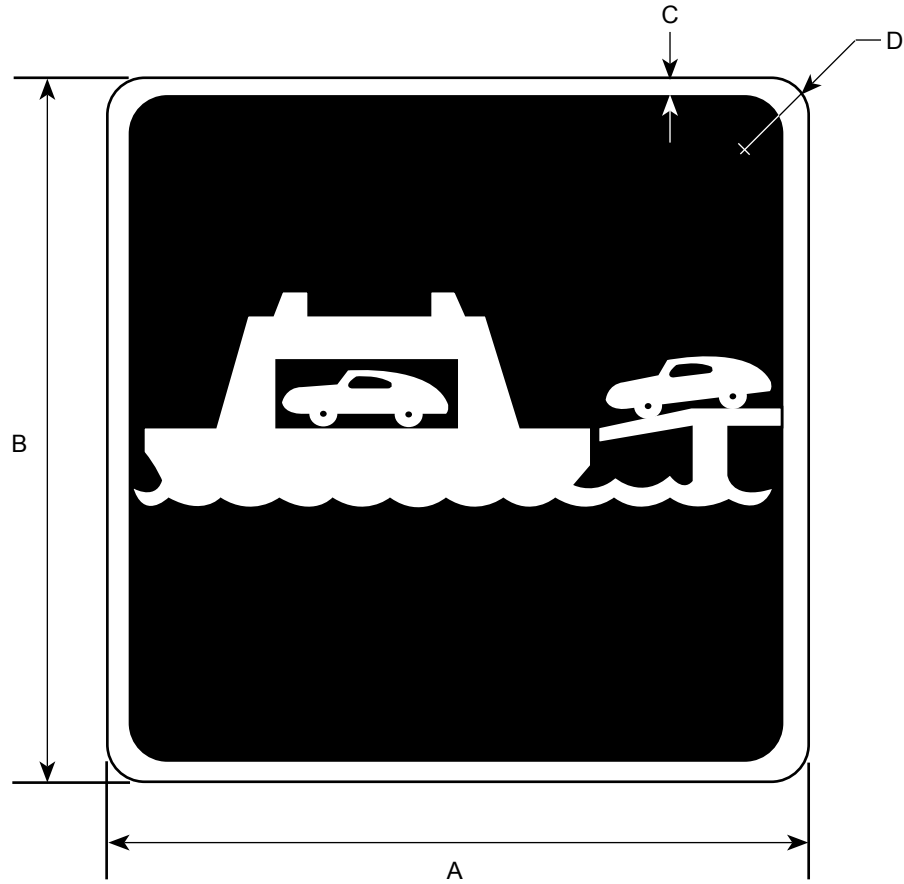
## COLORS

LEGEND—WHITE (REFL)  
BACKGROUND— GREEN (REFL)



# I5-801

11/97



| DIMENSIONS (MILLIMETERS) |     |    |                          |    |
|--------------------------|-----|----|--------------------------|----|
| A                        | B   | C  | SYMBOL<br>SIZE           | D  |
| 600                      | 600 | 13 | CONTACT<br>STATE<br>ENG. | 38 |
| 750                      | 750 | 19 |                          | 47 |

| DIMENSIONS (INCHES) |    |     |                          |       |
|---------------------|----|-----|--------------------------|-------|
| A                   | B  | C   | SYMBOL<br>SIZE           | D     |
| 24                  | 24 | 1/2 | CONTACT<br>STATE<br>ENG. | 1 1/2 |
| 30                  | 30 | 3/4 |                          | 1 7/8 |

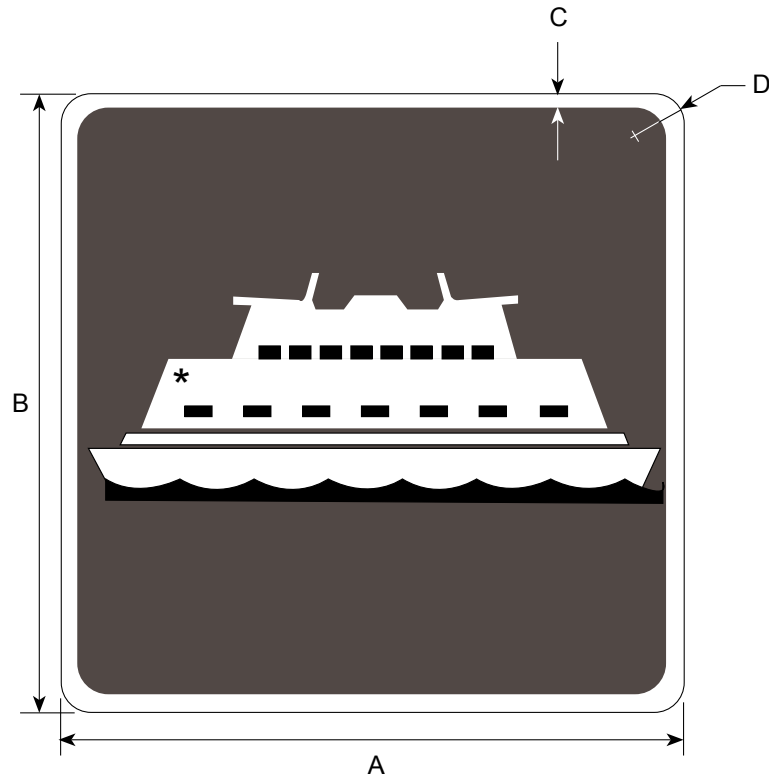
## COLORS

LEGENDó WHITE (REFL)

BACKGROUNDó GREEN (REFL)

# I5-801A

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

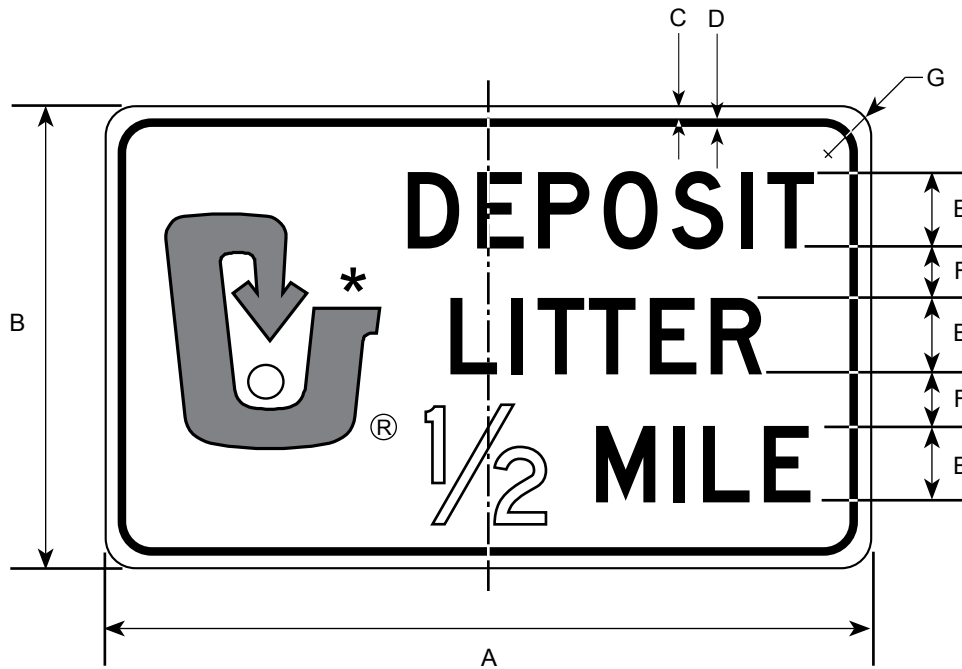
| SIG | DIMENSIONS |     |       |       |
|-----|------------|-----|-------|-------|
|     | A          | B   | C     | D     |
| A   | 600        | 600 | 12.5  | 37.5  |
| B   | 750        | 750 | 18.75 | 46.87 |

| SIG | DIMENSIONS |    |     |       |
|-----|------------|----|-----|-------|
|     | A          | B  | C   | D     |
| A   | 24         | 24 | 1/2 | 1 1/2 |
| B   | 30         | 30 | 3/4 | 1 7/8 |

COLOR  
LEGEND- WHITE  
BACKGROUND-GREEN

# I6-101

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |    |
|--------------------------|-----|----|----|------|----|----|
| A                        | B   | C  | D  | E    | F  | G  |
| 1500                     | 900 | 22 | 25 | 150D | 88 | 75 |

| DIMENSIONS (INCHES) |    |     |   |    |       |   |
|---------------------|----|-----|---|----|-------|---|
| A                   | B  | C   | D | E  | F     | G |
| 60                  | 36 | 7/8 | 1 | 6D | 3 1/2 | 3 |

## COLORS

LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)  
 SYMBOL - BLUE (REFL)

# I6-102

12/01



| DIMENSIONS (MILLIMETERS) |      |    |    |      |      |     |     |
|--------------------------|------|----|----|------|------|-----|-----|
| A                        | B    | C  | D  | E    | F    | G   | H   |
| 900                      | 750  | 13 | 19 | 100C | 75C  | 75  | 47  |
| 1200                     | 900  | 16 | 22 | 125D | 100C | 100 | 56  |
| 1500                     | 900  | 19 | 31 | 150D | 125C | 100 | 100 |
| 1800                     | 1200 | 19 | 38 | 200D | 150C | 150 | 150 |

| DIMENSIONS (INCHES) |    |     |      |    |    |   |      |
|---------------------|----|-----|------|----|----|---|------|
| A                   | B  | C   | D    | E  | F  | G | H    |
| 36                  | 30 | 1/2 | 3/4  | 4C | 3C | 3 | 17/8 |
| 48                  | 36 | 5/8 | 7/8  | 5D | 4C | 4 | 21/4 |
| 60                  | 36 | 3/4 | 11/4 | 6D | 5C | 4 | 4    |
| 72                  | 48 | 3/4 | 11/2 | 8D | 6C | 6 | 6    |

## COLORS

### TOP

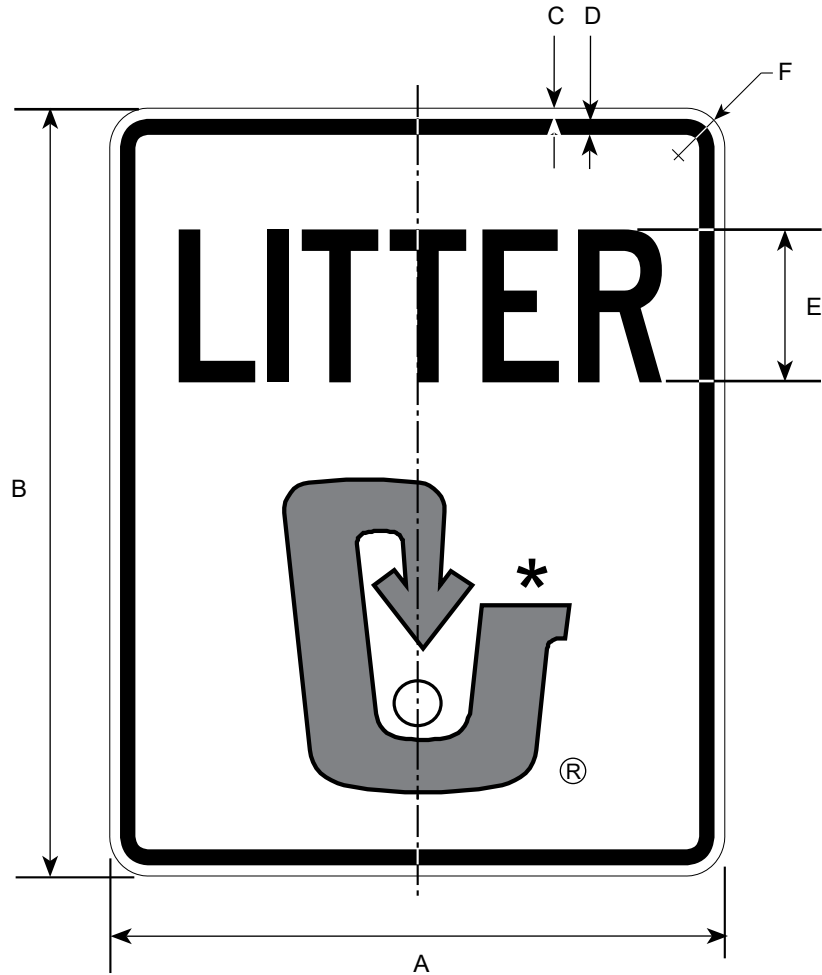
TEXT - BLACK (NON-REFL)  
 BORDER - BLUE (REFL)  
 BACKGROUND - WHITE (REFL)

### BOTTOM

TEXT - WHITE (REFL)  
 BORDER - BLUE (REFL)  
 BACKGROUND - BLUE (REFL)

# I6-201

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |     |     |     |     |    |
|--------------------------|-----|-----|-----|-----|----|
| A                        | B   | C   | D   | E   | F  |
| 600                      | 750 | 3/8 | 5/8 | 150 | 38 |

| DIMENSIONS (INCHES) |    |     |     |    |       |
|---------------------|----|-----|-----|----|-------|
| A                   | B  | C   | D   | E  | F     |
| 24                  | 30 | 3/8 | 5/8 | 6C | 1 1/2 |

## COLORS

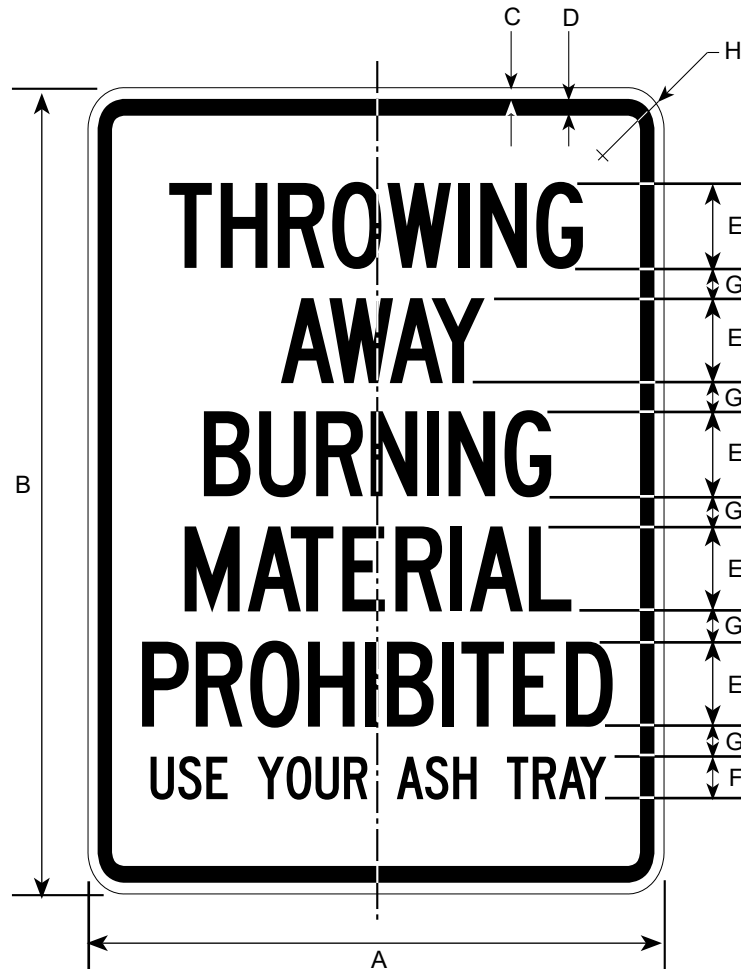
LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

SYMBOL - BLUE (REFL)

# I6-301

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |      |     |    |    |
|--------------------------|------|----|----|------|-----|----|----|
| A                        | B    | C  | D  | E    | F   | G  | H  |
| 750                      | 1200 | 16 | 22 | 100C | 50C | 50 | 47 |

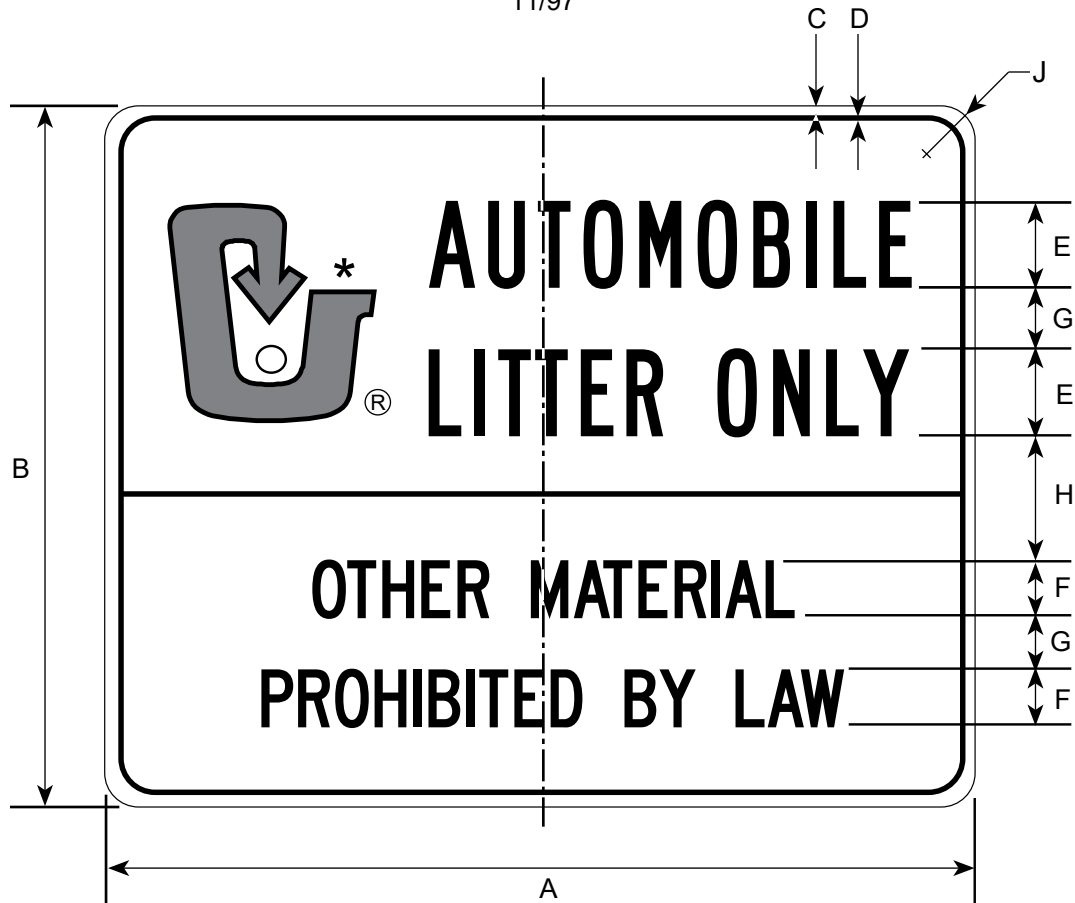
| DIMENSIONS (INCHES) |    |     |     |    |    |   |       |
|---------------------|----|-----|-----|----|----|---|-------|
| A                   | B  | C   | D   | E  | F  | G | H     |
| 30                  | 48 | 5/8 | 7/8 | 4C | 2C | 2 | 1 7/8 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# I6-801

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |     |   |    |    |    |    |     |    |
|--------------------------|-----|---|----|----|----|----|-----|----|
| A                        | B   | C | D  | E  | F  | G  | H   | J  |
| 750                      | 600 | 9 | 16 | 3B | 50 | 50 | 100 | 38 |

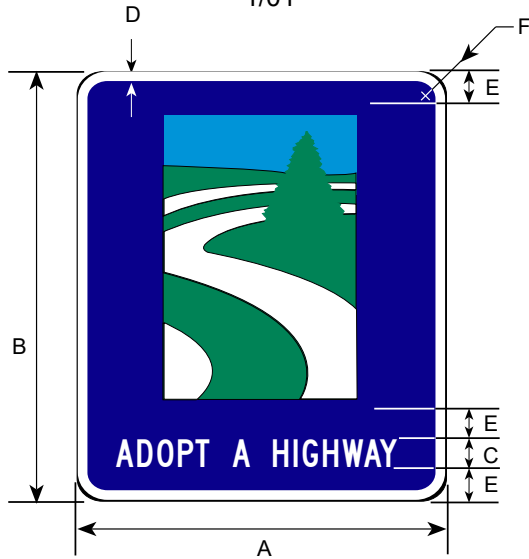
| DIMENSIONS (INCHES) |    |     |     |    |    |   |   |       |
|---------------------|----|-----|-----|----|----|---|---|-------|
| A                   | B  | C   | D   | E  | F  | G | H | J     |
| 30                  | 24 | 3/8 | 5/8 | 3B | 2C | 2 | 4 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)  
 SYMBOL - BLUE (REFL)

# I6-901

1/01



| DIMENSIONS (MILLIMETERS) |     |     |      |    |      |
|--------------------------|-----|-----|------|----|------|
| A                        | B   | C   | D    | E  | F    |
| 750                      | 900 | 50C | 12.5 | 50 | 37.5 |

| DIMENSIONS (INCHES) |    |    |     |   |       |
|---------------------|----|----|-----|---|-------|
| A                   | B  | C  | D   | E | F     |
| 30                  | 36 | 2C | 1/2 | 2 | 1 1/2 |

LOGO SIZE: 21" wide by 28" tall  
 LOGO COLORS  
 SKY - PANTONE 306  
 TREE & LANDSCAPE - PANTONE 341  
 ROADWAY - WHITE

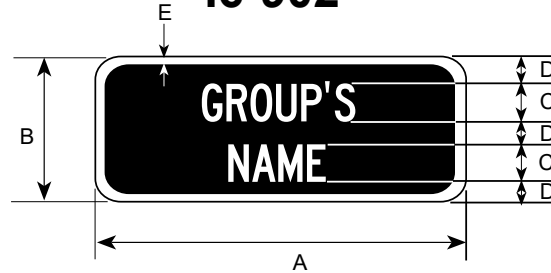
# I6-903



| DIMENSIONS (MILLIMETERS) |     |     |      |      |
|--------------------------|-----|-----|------|------|
| A                        | B   | C   | D    | E    |
| 750                      | 300 | 50C | 100C | 12.5 |

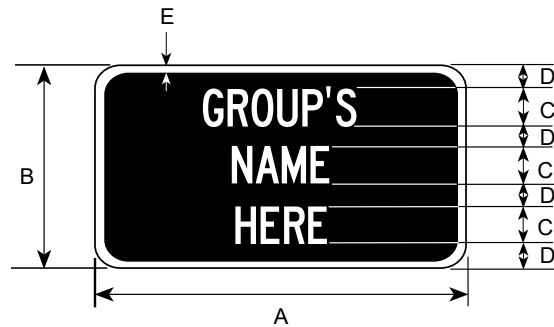
| DIMENSIONS (INCHES) |    |    |    |     |
|---------------------|----|----|----|-----|
| A                   | B  | C  | D  | E   |
| 30                  | 12 | 2C | 4C | 1/2 |

# I6-902



| DIMENSIONS (MILLIMETERS) |     |     |    |      |
|--------------------------|-----|-----|----|------|
| A                        | B   | C   | D  | E    |
| 750                      | 300 | 75C | 50 | 12.5 |

| DIMENSIONS (INCHES) |    |    |   |     |
|---------------------|----|----|---|-----|
| A                   | B  | C  | D | E   |
| 30                  | 12 | 3C | 2 | 1/2 |



13 SPACES PER LINE

| DIMENSIONS (MILLIMETERS) |     |     |       |      |
|--------------------------|-----|-----|-------|------|
| A                        | B   | C   | D     | E    |
| 750                      | 450 | 75C | 56.25 | 12.5 |

| DIMENSIONS (INCHES) |    |    |      |     |
|---------------------|----|----|------|-----|
| A                   | B  | C  | D    | E   |
| 30                  | 18 | 3C | 2.25 | 1/2 |

## COLORS

LEGEND - WHITE (REFL)  
 BACKGROUND - BLUE (REFL)



# I6-901A

1/01



LOGO SIZE: 21" WIDE X 32" TALL

LOGO COLORS

SKY - PANTONE 306

TREE & LANDSCAPE - PANTONE 341

ROADWAY - WHITE

| DIMENSIONS (MILLIMETERS) |     |    |    |      |     |     |     |
|--------------------------|-----|----|----|------|-----|-----|-----|
| A                        | B   | C  | D  | E    | F   | G   | H   |
| 1200                     | 900 | 19 | 56 | 100C | 100 | 525 | 800 |

| DIMENSIONS (INCHES) |    |     |       |    |   |    |    |
|---------------------|----|-----|-------|----|---|----|----|
| A                   | B  | C   | D     | E  | F | G  | H  |
| 48                  | 36 | 3/4 | 2 1/4 | 4C | 4 | 21 | 32 |

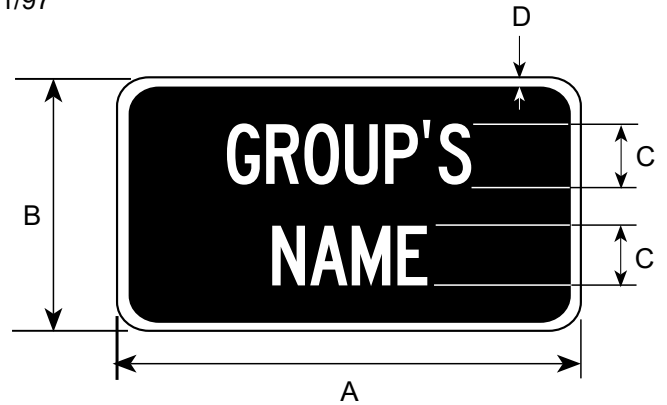
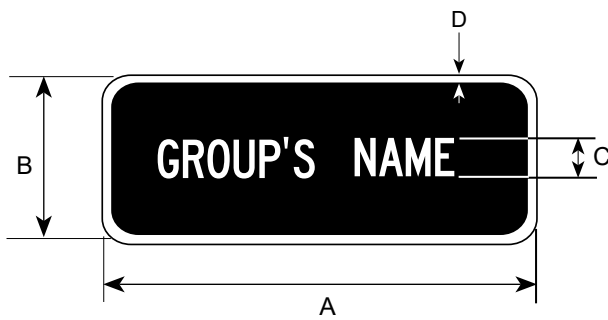
## COLORS

LEGEND - WHITE (REFL)

BACKGROUND - BLUE (REFL)

# I6-902A

11/97



| DIMENSIONS (MILLIMETERS) |     |      |    |
|--------------------------|-----|------|----|
| A                        | B   | C    | D  |
| 1200                     | 300 | 100C | 13 |

| DIMENSIONS (MILLIMETERS) |     |      |    |
|--------------------------|-----|------|----|
| A                        | B   | C    | D  |
| 1200                     | 450 | 100C | 13 |

| DIMENSIONS (INCHES) |    |    |     |
|---------------------|----|----|-----|
| A                   | B  | C  | D   |
| 48                  | 12 | 4C | 1/2 |

| DIMENSIONS (INCHES) |    |    |     |
|---------------------|----|----|-----|
| A                   | B  | C  | D   |
| 48                  | 18 | 4C | 1/2 |

20 SPACES PER LINE

# I6-903A

11/97



| DIMENSIONS (MILLIMETERS) |     |     |      |    |
|--------------------------|-----|-----|------|----|
| A                        | B   | C   | D    | E  |
| 1200                     | 300 | 75C | 100C | 13 |

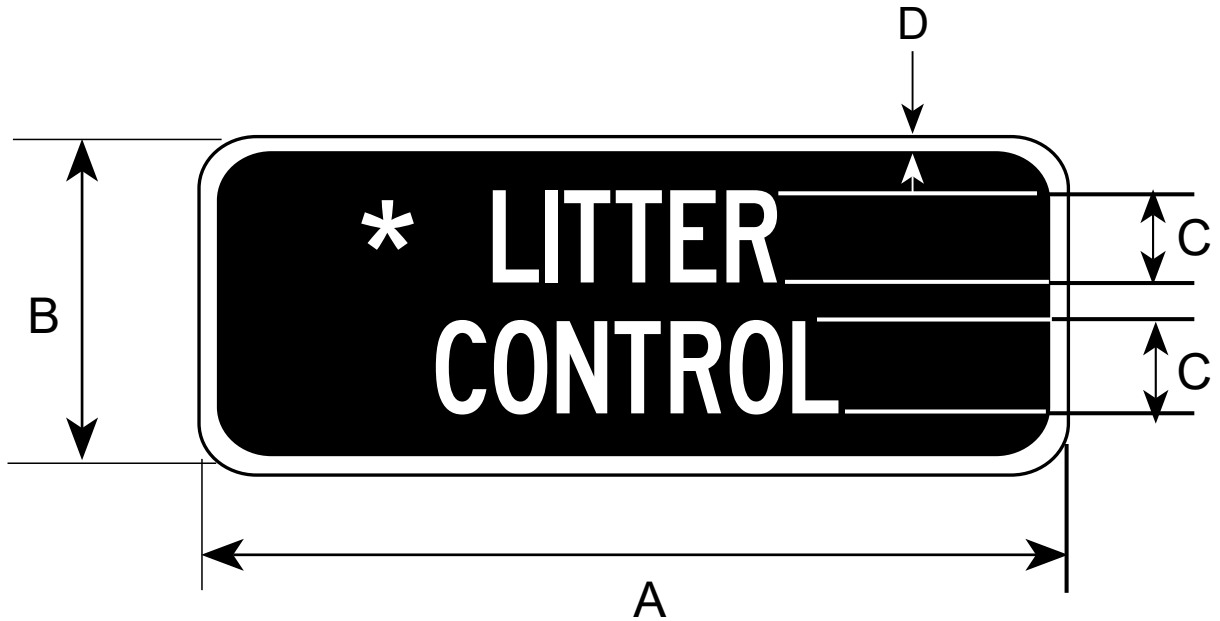
| DIMENSIONS (INCHES) |    |    |    |     |
|---------------------|----|----|----|-----|
| A                   | B  | C  | D  | E   |
| 48                  | 12 | 3C | 4C | 1/2 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

# I6-904

11/97



\* MAYBE SUBSTITUTED TO READ:  
WILDFLOWERS, TREEPLANTING,  
OR AS SPECIFIED

| DIMENSIONS (MILLIMETERS) |     |     |    |
|--------------------------|-----|-----|----|
| A                        | B   | C   | D  |
| 750                      | 300 | 75C | 13 |

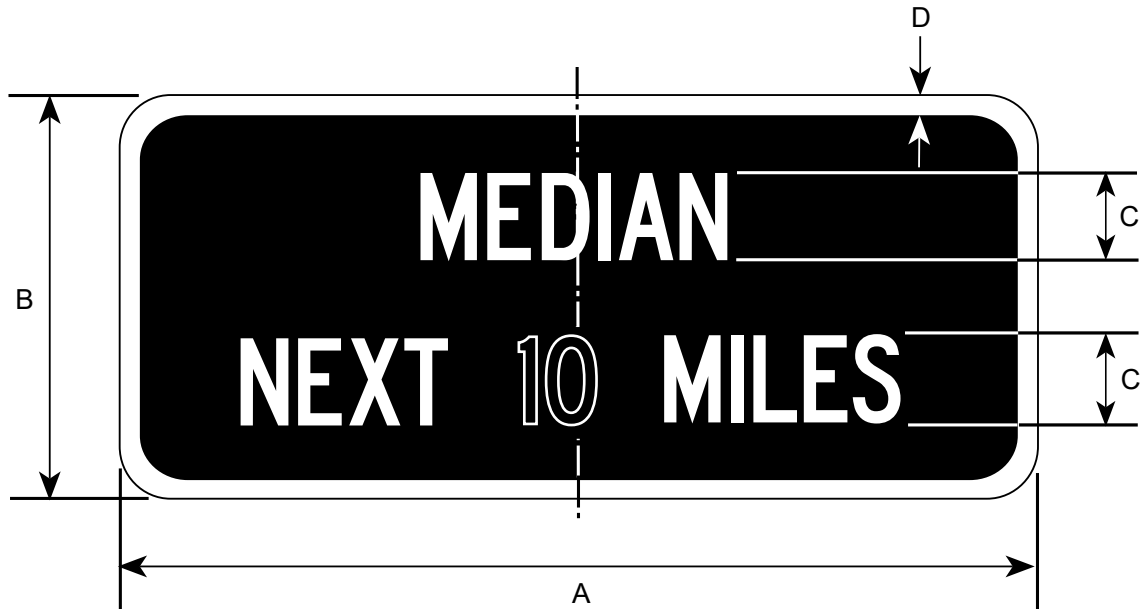
| DIMENSIONS (INCHES) |    |    |     |
|---------------------|----|----|-----|
| A                   | B  | C  | D   |
| 30                  | 12 | 3C | 1/2 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

# I6-905A

11/97



| DIMENSIONS (MILLIMETERS) |     |      |    |
|--------------------------|-----|------|----|
| A                        | B   | C    | D  |
| 1200                     | 450 | 100C | 13 |

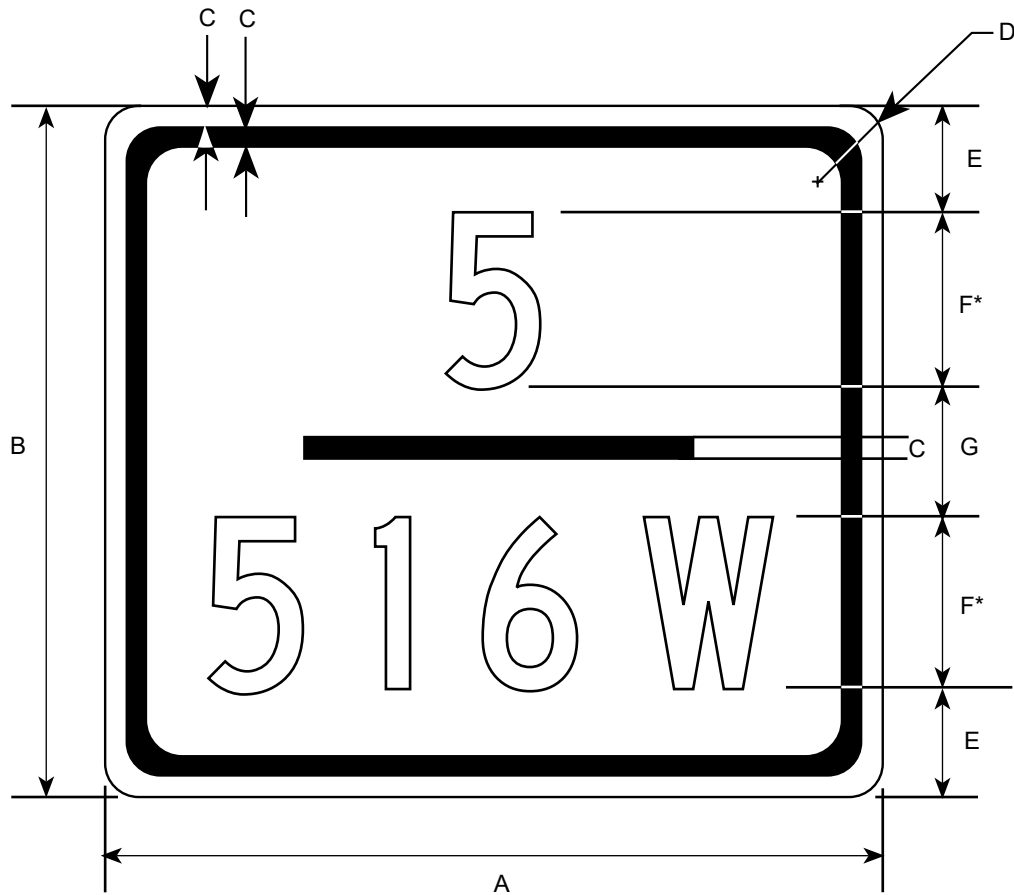
| DIMENSIONS (INCHES) |    |    |     |
|---------------------|----|----|-----|
| A                   | B  | C  | D   |
| 48                  | 18 | 4C | 1/2 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

# I7-301

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |    |     |    |
|--------------------------|-----|---|----|----|-----|----|
| A                        | B   | C | D  | E  | F   | G  |
| 225                      | 200 | 6 | 38 | 31 | 50C | 38 |

| DIMENSIONS (INCHES) |   |     |       |       |    |       |
|---------------------|---|-----|-------|-------|----|-------|
| A                   | B | C   | D     | E     | F  | G     |
| 9                   | 8 | 1/4 | 1 1/2 | 1 1/4 | 2C | 1 1/2 |

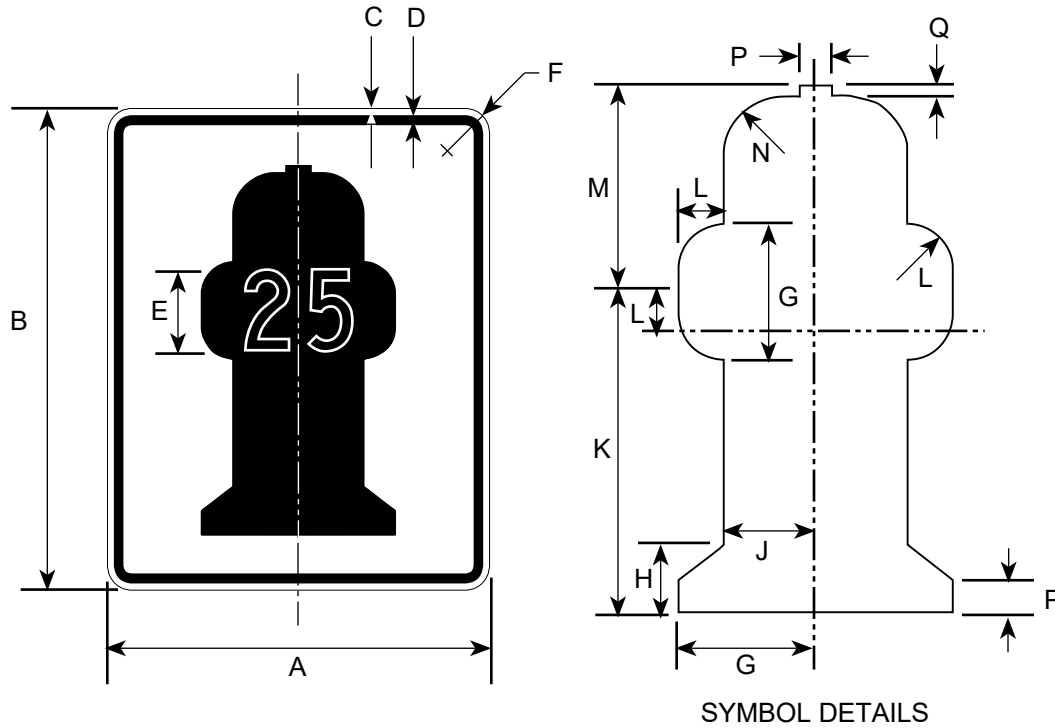
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

# I7-401

11/97



DIMENSIONS (MILLIMETERS)

| A   | B   | C  | D  | E    | F  | G   | H  | J   | K   | L  | M   | N  | P  | Q  |
|-----|-----|----|----|------|----|-----|----|-----|-----|----|-----|----|----|----|
| 600 | 750 | 10 | 16 | 125C | 31 | 150 | 75 | 100 | 325 | 50 | 225 | 63 | 31 | 13 |

DIMENSIONS (INCHES)

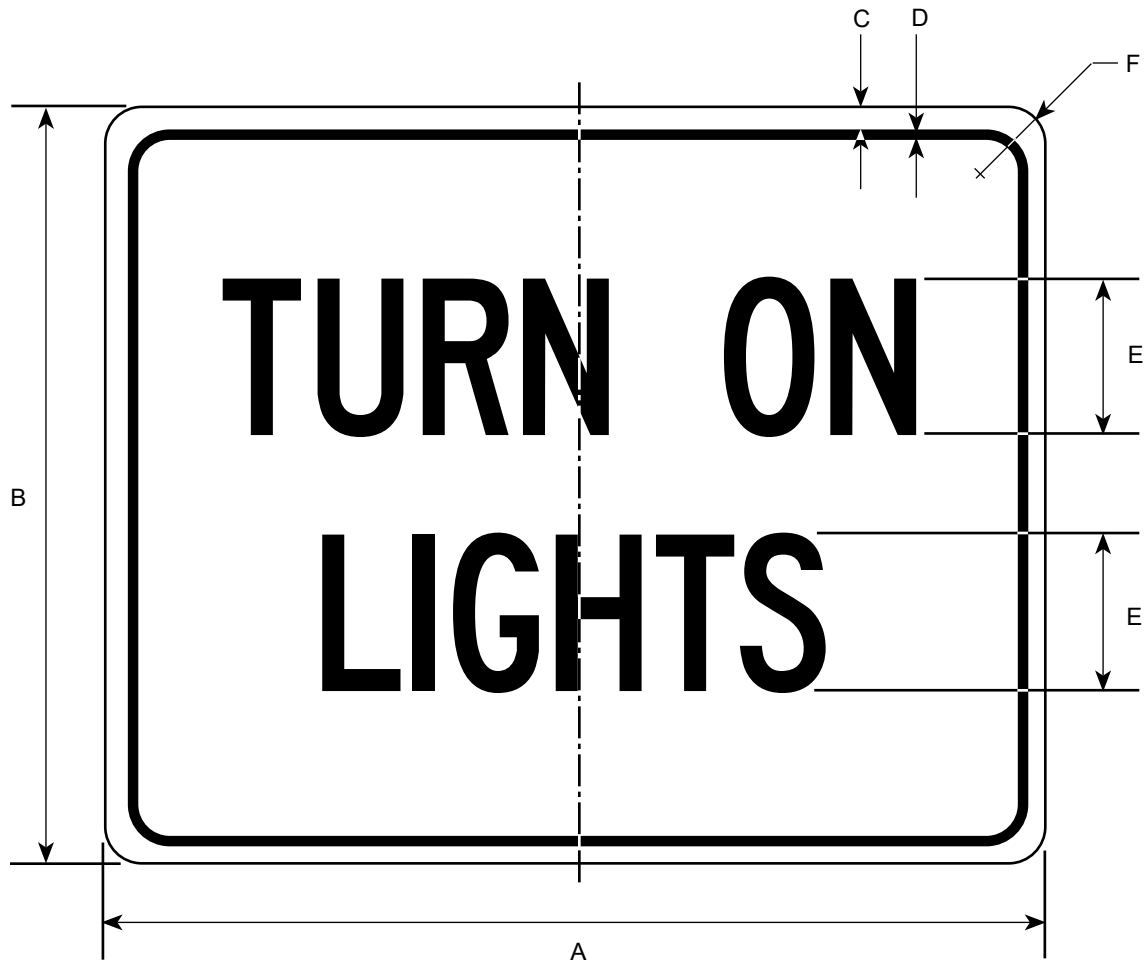
| A  | B  | C   | D   | E  | F     | G | H | J | K  | L | M | N     | P     | Q   |
|----|----|-----|-----|----|-------|---|---|---|----|---|---|-------|-------|-----|
| 24 | 30 | 3/8 | 5/8 | 5C | 1 1/2 | 6 | 3 | 4 | 13 | 2 | 9 | 2 1/2 | 1 1/2 | 1/2 |

## COLORS

SYMBOL - RED (REFL)  
BACKGROUND - WHITE (REFL)

# I7-501

11/97



| DIMENSIONS (MILLIMETERS) |     |    |   |      |    |
|--------------------------|-----|----|---|------|----|
| A                        | B   | C  | D | E    | F  |
| 750                      | 600 | 16 | 9 | 125C | 38 |

| DIMENSIONS (INCHES) |    |     |     |    |       |
|---------------------|----|-----|-----|----|-------|
| A                   | B  | C   | D   | E  | F     |
| 30                  | 24 | 5/8 | 3/8 | 5C | 1 1/2 |

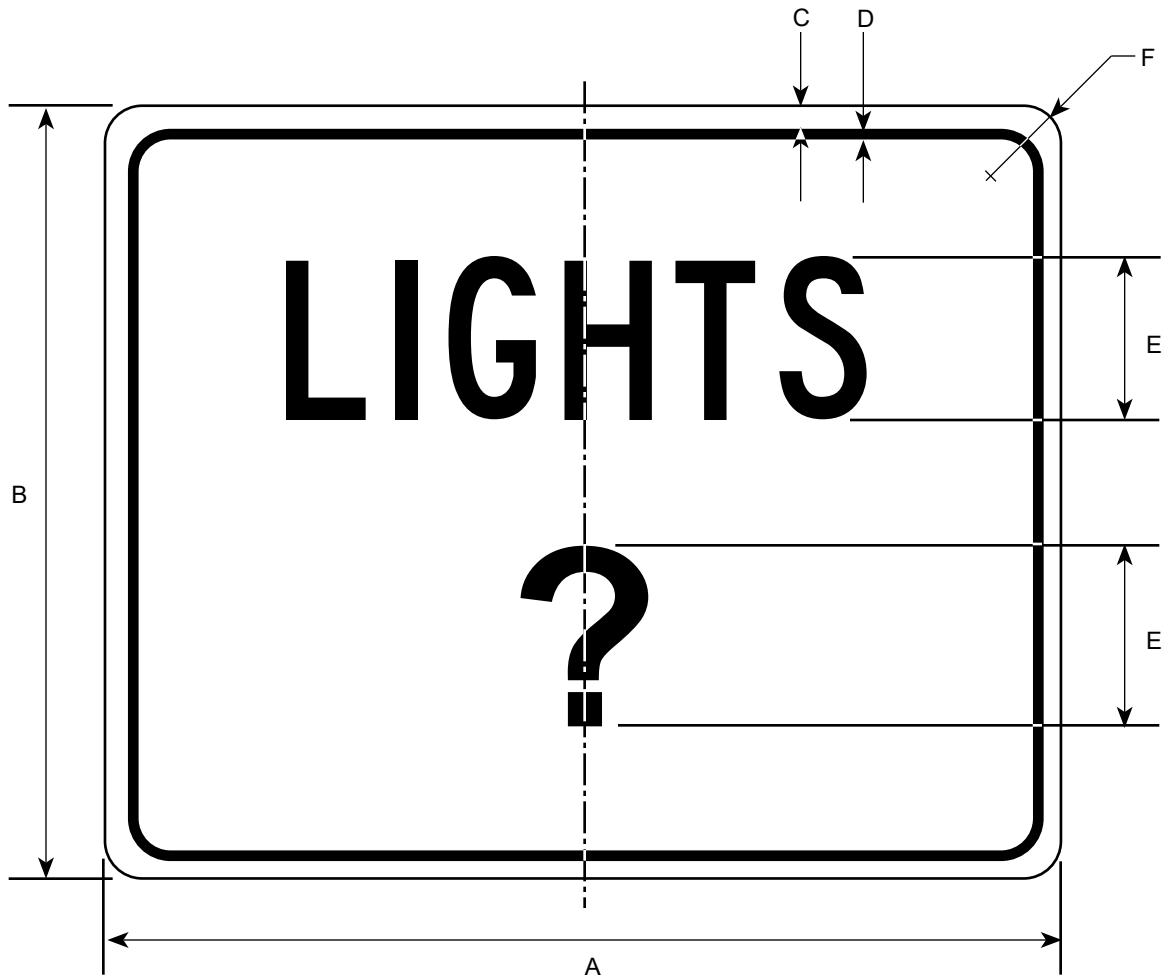
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (NON-REFL)

# I7-601

11/97



| DIMENSIONS (MILLIMETERS) |     |    |   |      |    |
|--------------------------|-----|----|---|------|----|
| A                        | B   | C  | D | E    | F  |
| 750                      | 600 | 16 | 9 | 125C | 38 |

| DIMENSIONS (INCHES) |    |     |     |    |       |
|---------------------|----|-----|-----|----|-------|
| A                   | B  | C   | D   | E  | F     |
| 30                  | 24 | 5/8 | 3/8 | 5C | 1 1/2 |

## COLORS

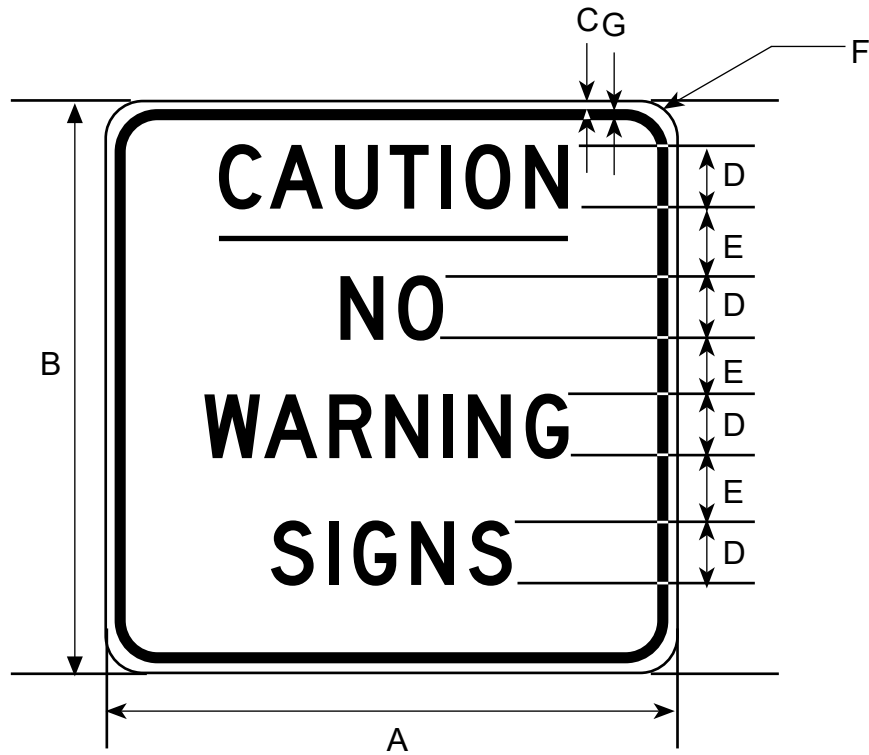
LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (NON-REFL)



# I7-7

11/97



| DIMENSIONS (MILLIMETERS) |     |   |      |     |    |    |
|--------------------------|-----|---|------|-----|----|----|
| A                        | B   | C | D    | E   | F  | G  |
| 900                      | 900 | 9 | 100D | 106 | 56 | 16 |

| DIMENSIONS (MILLIMETERS) |    |     |    |      |       |     |
|--------------------------|----|-----|----|------|-------|-----|
| A                        | B  | C   | D  | E    | F     | G   |
| 36                       | 36 | 3/8 | 4D | 4.25 | 2 1/4 | 5/8 |

## COLOR

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

# I7-701

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |    |
|--------------------------|-----|----|----|------|----|----|
| A                        | B   | C  | D  | E    | F  | G  |
| 750                      | 900 | 13 | 19 | 100D | 75 | 47 |

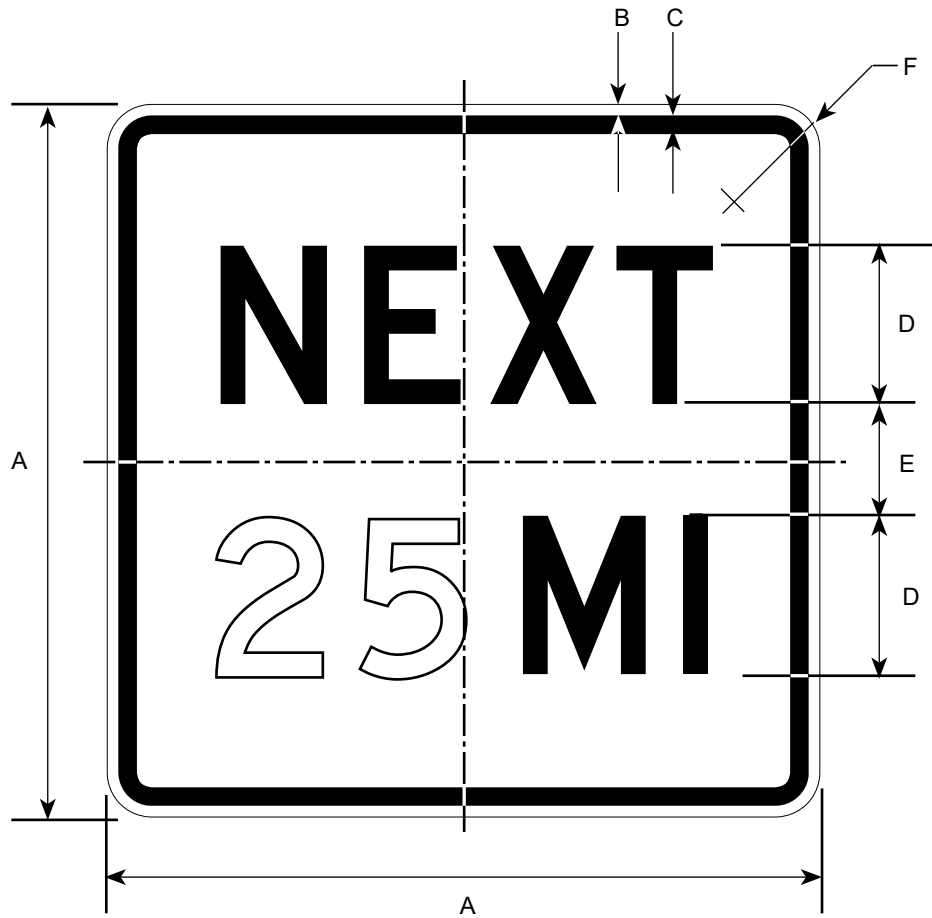
| DIMENSIONS (INCHES) |    |     |     |    |   |       |
|---------------------|----|-----|-----|----|---|-------|
| A                   | B  | C   | D   | E  | F | G     |
| 30                  | 36 | 1/2 | 3/4 | 4D | 3 | 1 7/8 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# I7-702

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |    |
|--------------------------|----|----|------|----|----|
| A                        | B  | C  | D    | E  | F  |
| 450                      | 10 | 13 | 100D | 75 | 38 |

| DIMENSIONS (INCHES) |     |     |    |   |       |
|---------------------|-----|-----|----|---|-------|
| A                   | B   | C   | D  | E | F     |
| 18                  | 3/8 | 1/2 | 4D | 3 | 1 1/2 |

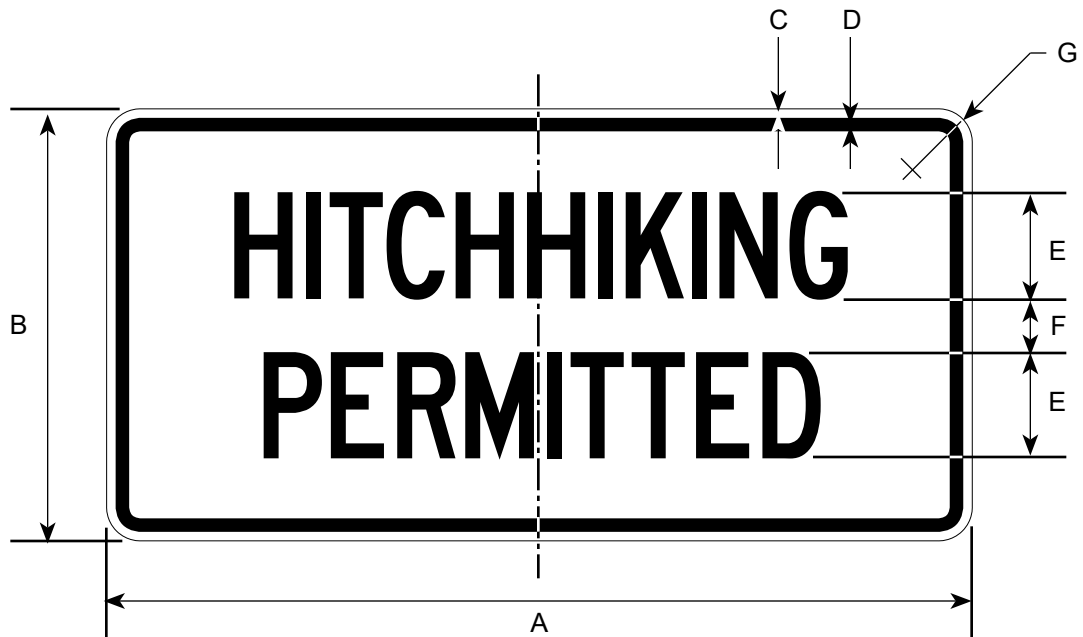
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

# I7-901

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |    |
|--------------------------|-----|----|----|------|----|----|
| A                        | B   | C  | D  | E    | F  | G  |
| 900                      | 450 | 10 | 16 | 100C | 88 | 47 |

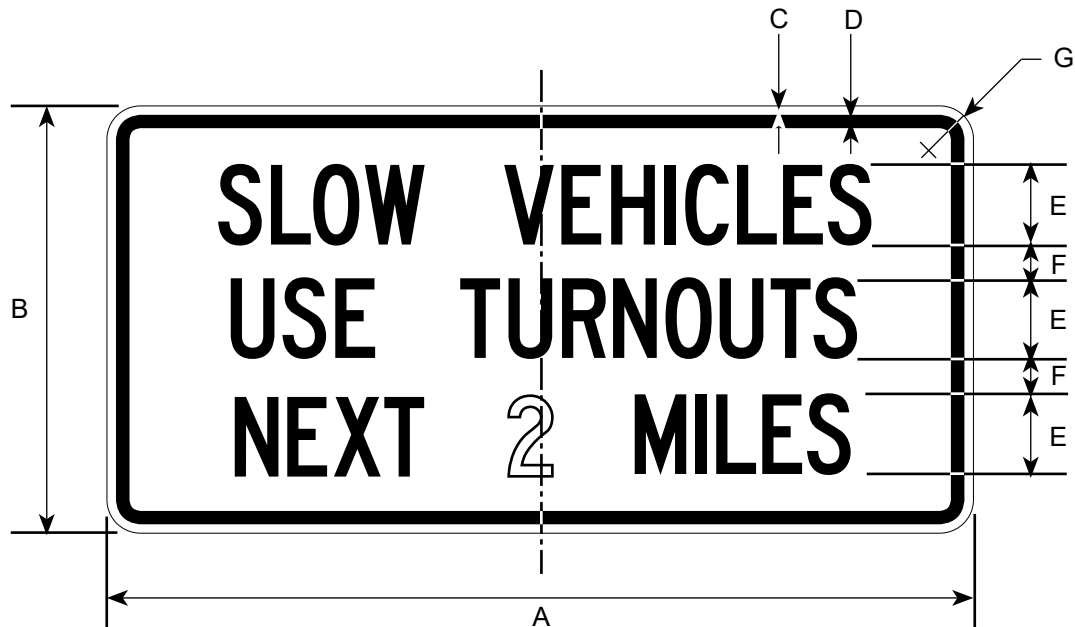
| DIMENSIONS (INCHES) |    |     |     |    |       |       |
|---------------------|----|-----|-----|----|-------|-------|
| A                   | B  | C   | D   | E  | F     | G     |
| 36                  | 18 | 3/8 | 5/8 | 4C | 3 1/2 | 1 7/8 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (NON-REFL)

# I8-101

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |     |     |
|--------------------------|-----|----|----|------|-----|-----|
| A                        | B   | C  | D  | E    | F   | G   |
| 1800                     | 900 | 19 | 31 | 150C | 100 | 100 |

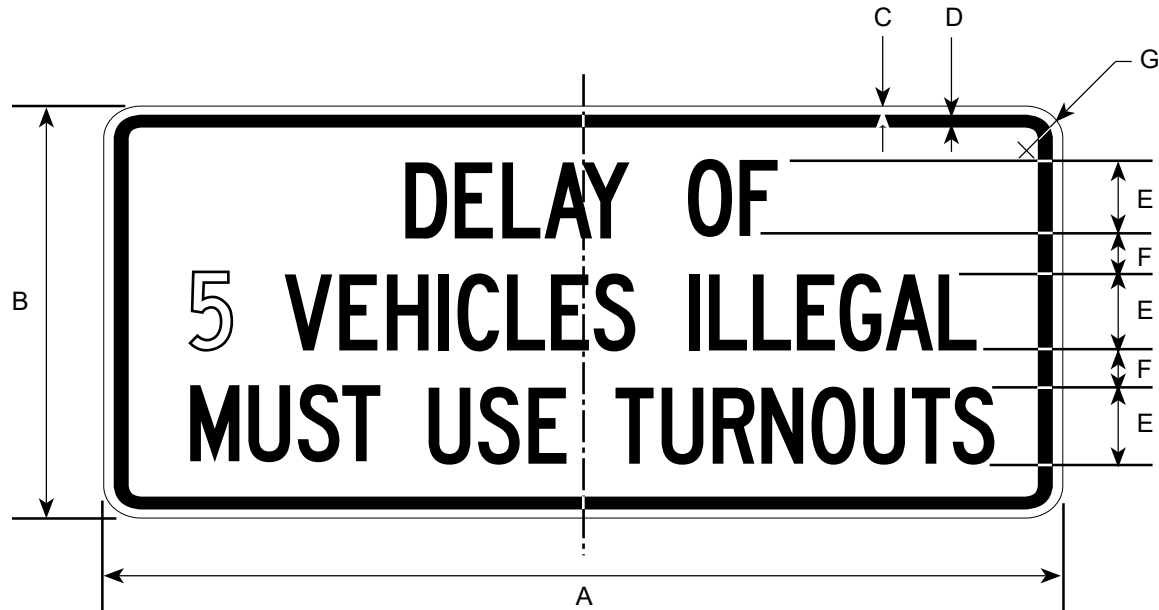
| DIMENSIONS (INCHES) |    |     |       |    |   |   |
|---------------------|----|-----|-------|----|---|---|
| A                   | B  | C   | D     | E  | F | G |
| 72                  | 36 | 3/4 | 1 1/4 | 6C | 4 | 4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# I8-201

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |     |     |
|--------------------------|-----|----|----|------|-----|-----|
| A                        | B   | C  | D  | E    | F   | G   |
| 2100                     | 900 | 19 | 31 | 150C | 100 | 100 |

| DIMENSIONS (INCHES) |    |     |       |    |   |   |
|---------------------|----|-----|-------|----|---|---|
| A                   | B  | C   | D     | E  | F | G |
| 84                  | 36 | 3/4 | 1 1/4 | 6C | 4 | 4 |

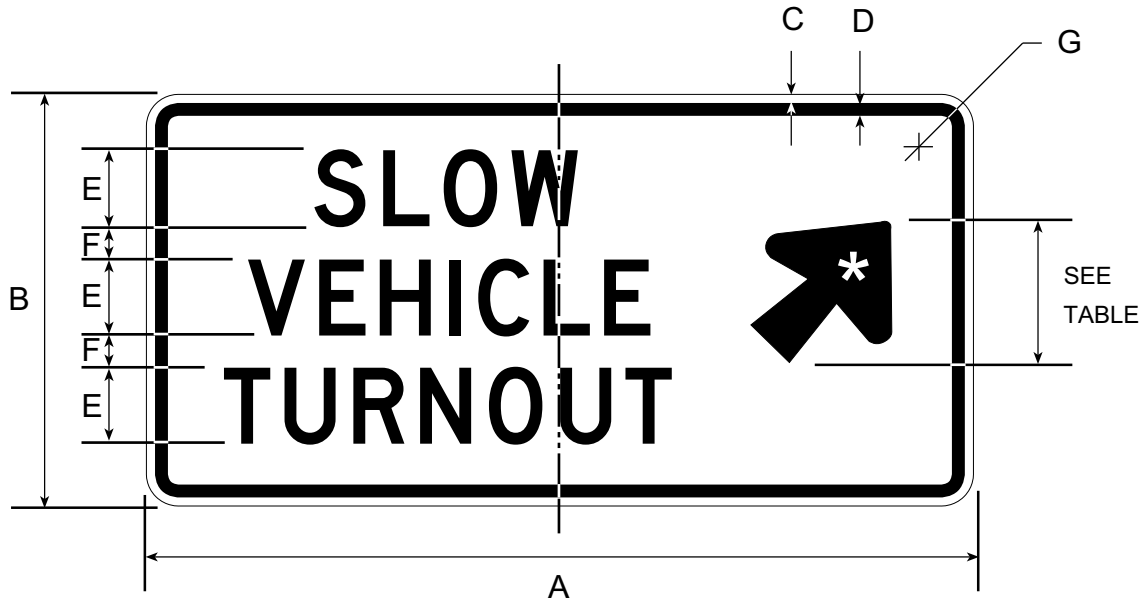
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

# I8-301

1/06



\* SEE APPENDIX FOR ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |     |    |    |      |     |            |     |
|--------------------------|-----|----|----|------|-----|------------|-----|
| A                        | B   | C  | D  | E    | F   | ARROW SIZE | G   |
| 1800                     | 900 | 19 | 31 | 150D | 100 | NO. 1      | 100 |

| DIMENSIONS (INCHES) |    |     |       |    |   |            |   |
|---------------------|----|-----|-------|----|---|------------|---|
| A                   | B  | C   | D     | E  | F | ARROW SIZE | G |
| 72                  | 36 | 3/4 | 1 1/4 | 6D | 4 | NO. 1      | 4 |

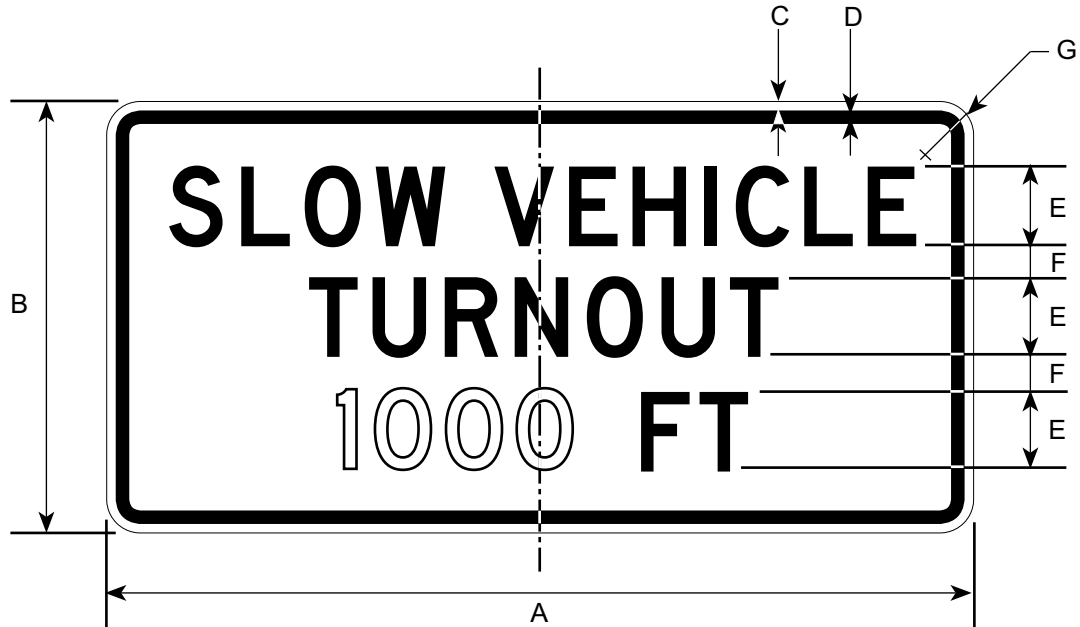
## COLORS

LEGEND — BLACK (NON-REFL)

BACKGROUND — WHITE (REFL)

# I8-401

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |     |     |
|--------------------------|-----|----|----|------|-----|-----|
| A                        | B   | C  | D  | E    | F   | G   |
| 1800                     | 900 | 19 | 31 | 150D | 100 | 100 |

| DIMENSIONS (INCHES) |    |     |       |    |   |   |
|---------------------|----|-----|-------|----|---|---|
| A                   | B  | C   | D     | E  | F | G |
| 72                  | 36 | 3/4 | 1 1/4 | 6D | 4 | 4 |

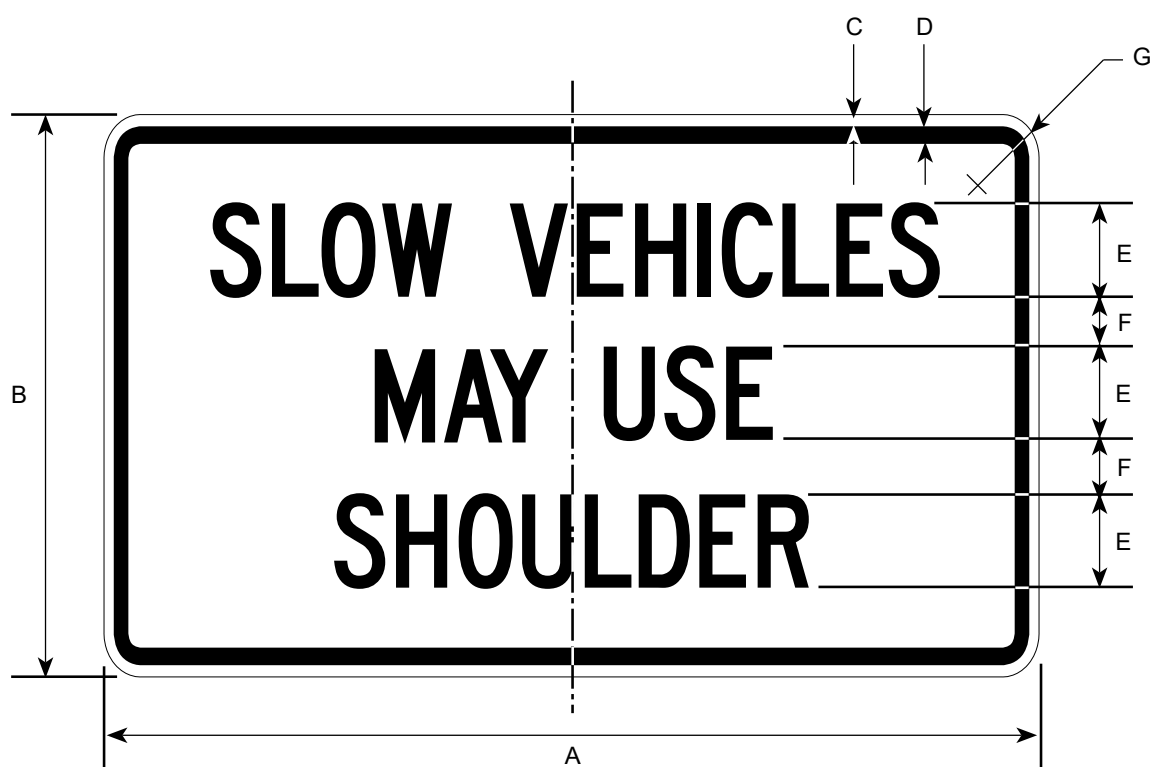
## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — WHITE (REFL)



# I8-501

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |      |     |     |
|--------------------------|------|----|----|------|-----|-----|
| A                        | B    | C  | D  | E    | F   | G   |
| 1500                     | 900  | 13 | 19 | 150C | 100 | 100 |
| 2100                     | 1200 | 19 | 31 | 200C | 150 | 150 |

| DIMENSIONS (INCHES) |    |     |       |    |   |   |
|---------------------|----|-----|-------|----|---|---|
| A                   | B  | C   | D     | E  | F | G |
| 60                  | 36 | 1/2 | 3/4   | 6C | 4 | 4 |
| 84                  | 48 | 3/4 | 1 1/4 | 8C | 6 | 6 |

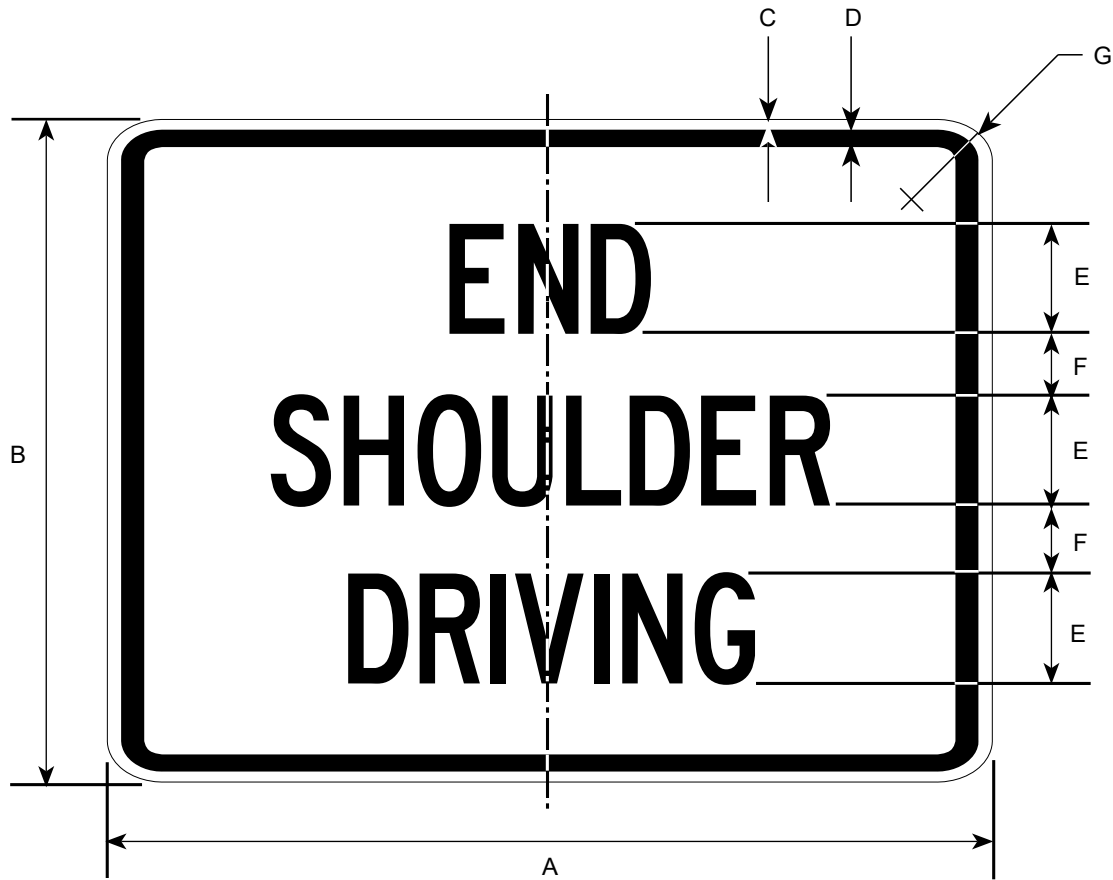
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

# I8-601

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |      |     |    |
|--------------------------|------|----|----|------|-----|----|
| A                        | B    | C  | D  | E    | F   | G  |
| 1200                     | 900  | 16 | 22 | 150C | 100 | 56 |
| 1500                     | 1200 | 19 | 31 | 200C | 150 | 75 |

| DIMENSIONS (INCHES) |    |     |       |    |   |       |
|---------------------|----|-----|-------|----|---|-------|
| A                   | B  | C   | D     | E  | F | G     |
| 48                  | 36 | 5/8 | 7/8   | 6C | 4 | 2 1/4 |
| 60                  | 48 | 3/4 | 1 1/4 | 8C | 6 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

# I8-701

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |     |    |
|--------------------------|-----|----|----|------|-----|----|
| A                        | B   | C  | D  | E    | F   | G  |
| 750                      | 300 | 10 | 16 | 75C  | 31  | 38 |
| 1050                     | 600 | 13 | 19 | 125C | 100 | 47 |
| 1500                     | 900 | 16 | 22 | 175C | 150 | 56 |

| DIMENSIONS (INCHES) |    |     |     |    |       |       |
|---------------------|----|-----|-----|----|-------|-------|
| A                   | B  | C   | D   | E  | F     | G     |
| 30                  | 12 | 3/8 | 5/8 | 3C | 1 1/2 | 1 1/2 |
| 42                  | 24 | 1/2 | 3/4 | 5C | 4     | 1 7/8 |
| 60                  | 36 | 5/8 | 7/8 | 7C | 6     | 2 1/4 |

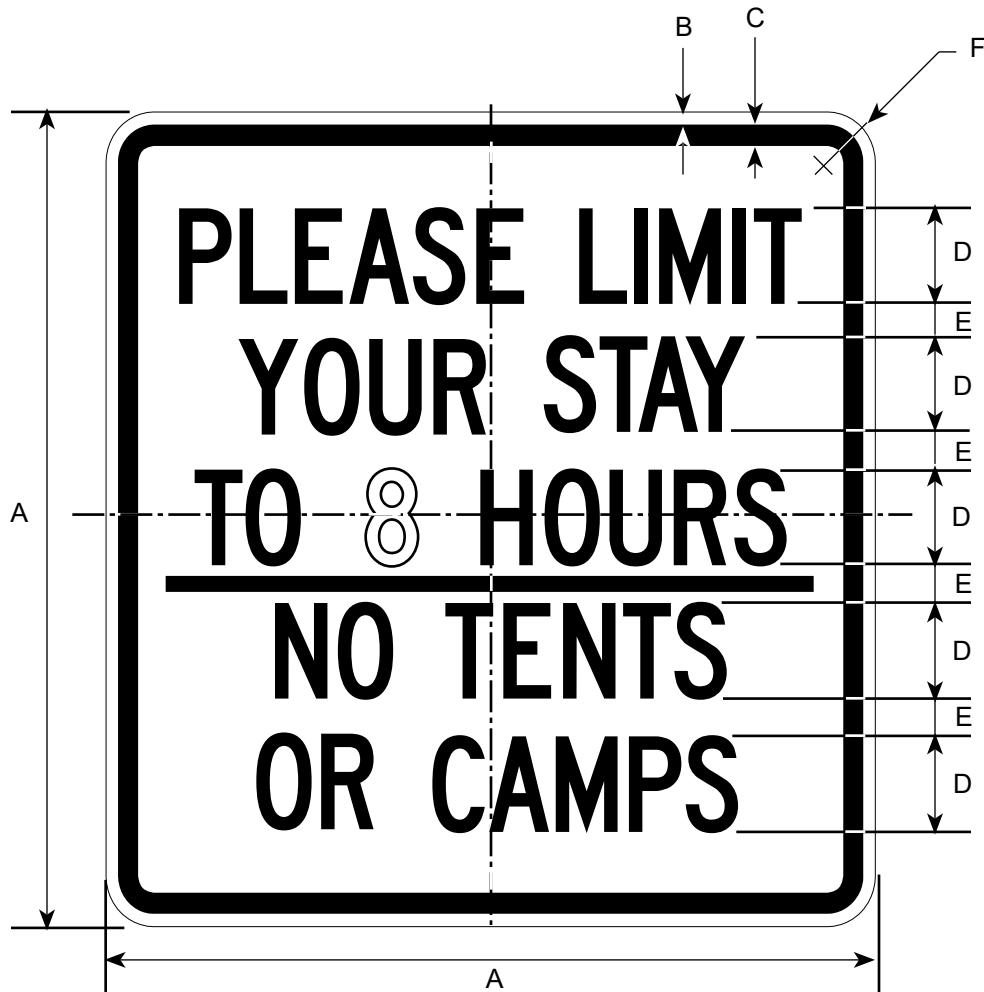
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

# I8-702

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |    |
|--------------------------|----|----|------|----|----|
| A                        | B  | C  | D    | E  | F  |
| 900                      | 10 | 16 | 100C | 50 | 56 |

| DIMENSIONS (INCHES) |     |     |    |   |       |
|---------------------|-----|-----|----|---|-------|
| A                   | B   | C   | D  | E | F     |
| 36                  | 3/8 | 5/8 | 4C | 2 | 2 1/4 |

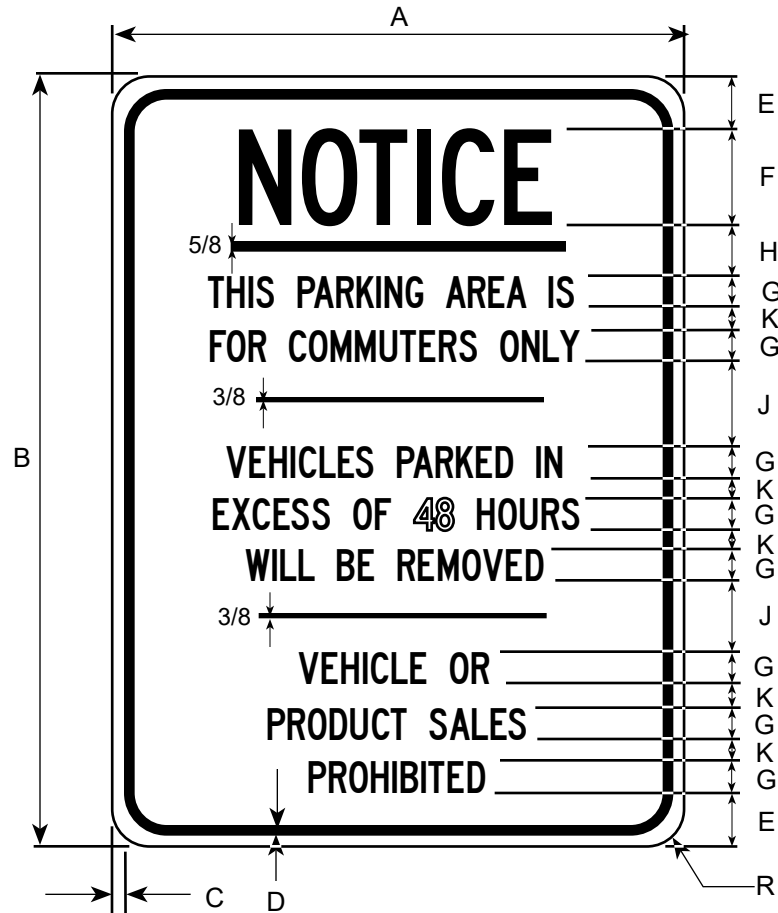
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

# I8-703

6/00



| DIMENSIONS (MILLIMETERS) |     |   |    |    |     |     |    |    |    |    |
|--------------------------|-----|---|----|----|-----|-----|----|----|----|----|
| A                        | B   | C | D  | E  | F   | G   | H  | J  | K  | R  |
| 450                      | 600 | 9 | 16 | 63 | 75C | 25C | 30 | 37 | 19 | 38 |

| DIMENSIONS (INCHES) |    |     |     |       |    |    |       |       |     |       |
|---------------------|----|-----|-----|-------|----|----|-------|-------|-----|-------|
| A                   | B  | C   | D   | E     | F  | G  | H     | J     | K   | R     |
| 18                  | 24 | 3/8 | 5/8 | 2 1/2 | 3C | 1C | 1 1/4 | 1 1/2 | 3/4 | 1 1/2 |

## COLORS

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

# I8-704

11/97



| DIMENSIONS (MILLIMETERS) |     |    |   |     |    |
|--------------------------|-----|----|---|-----|----|
| A                        | B   | C  | D | E   | F  |
| 450                      | 300 | 13 | 6 | 50C | 38 |

| DIMENSIONS (MILLIMETERS) |    |     |     |    |       |
|--------------------------|----|-----|-----|----|-------|
| A                        | B  | C   | D   | E  | F     |
| 18                       | 12 | 1/2 | 1/4 | 2C | 1 1/2 |

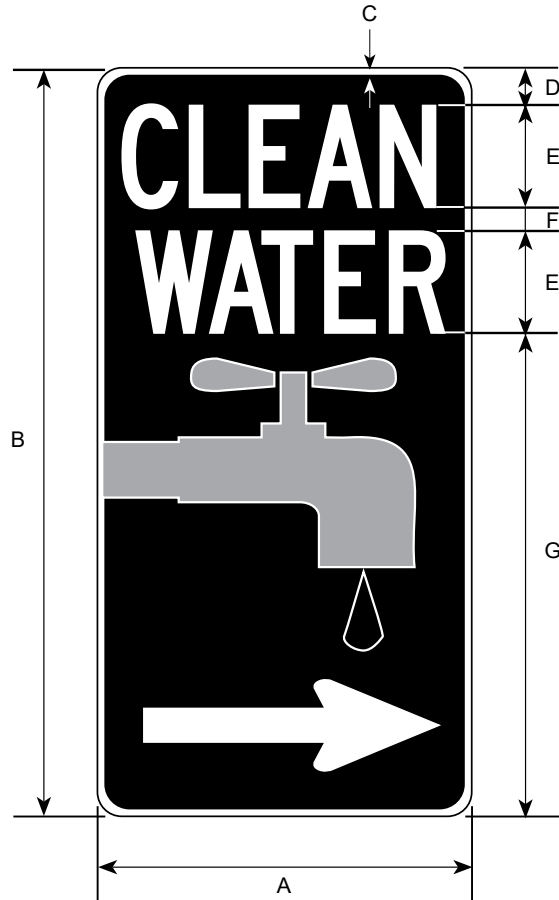
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

# I8-705

6/00



\* SEE APPENDIX FOR STANDARD ARROW AND FAUCET DETAILS

| DIMENSIONS (MILLIMETERS) |     |   |    |     |    |     |
|--------------------------|-----|---|----|-----|----|-----|
| A                        | B   | C | D  | E   | F  | G   |
| 150                      | 300 | 6 | 20 | 50C | 13 | 167 |
| 300                      | 600 | 9 | 43 | 50E | 13 | 444 |

| DIMENSIONS (INCHES) |    |     |       |    |     |        |
|---------------------|----|-----|-------|----|-----|--------|
| A                   | B  | C   | D     | E  | F   | G      |
| 6                   | 12 | 1/4 | 7/8   | 2C | 1/2 | 6 5/8  |
| 12                  | 24 | 3/8 | 1 3/4 | 2E | 1/2 | 17 3/4 |

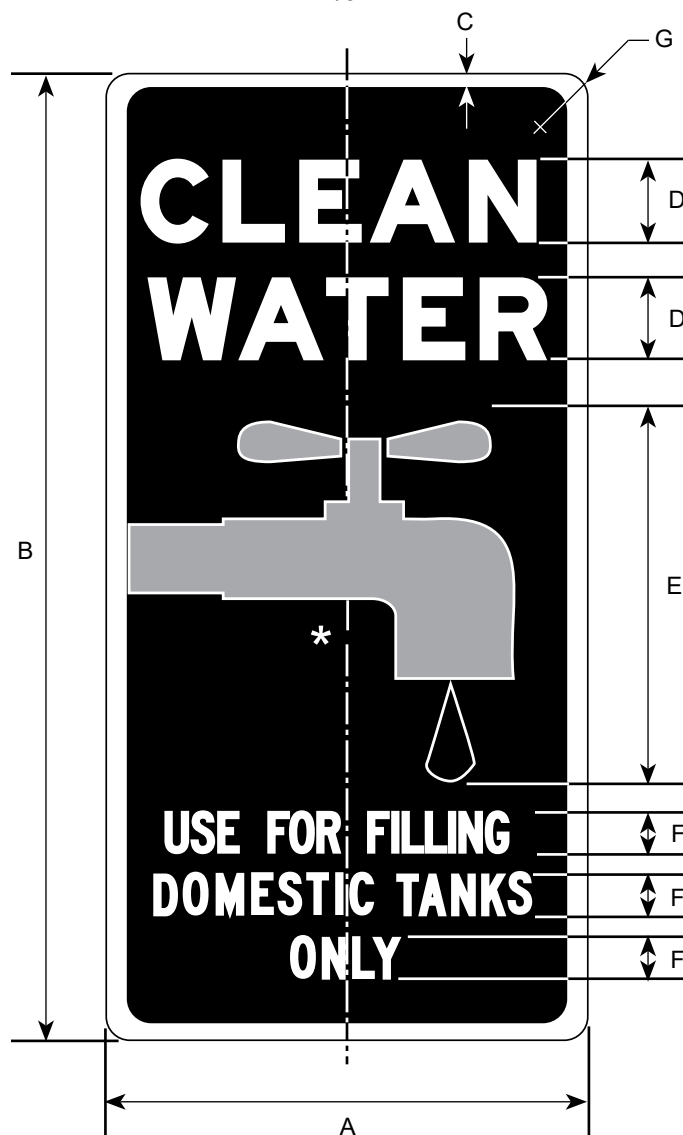
## COLORS

LEGEND - WHITE (NON-REFL)

BACKGROUND - BLUE (REFL)

# I8-706

11/97



\* SEE APPENDIX FOR STANDARD FAUCET DETAILS

| DIMENSIONS (MILLIMETERS) |     |   |     |     |     |    |
|--------------------------|-----|---|-----|-----|-----|----|
| A                        | B   | C | D   | E   | F   | G  |
| 300                      | 600 | 9 | 50E | 250 | 25C | 38 |

| DIMENSIONS (INCHES) |    |     |    |    |    |       |
|---------------------|----|-----|----|----|----|-------|
| A                   | B  | C   | D  | E  | F  | G     |
| 12                  | 24 | 3/8 | 2E | 10 | 1C | 1 1/2 |

## COLORS

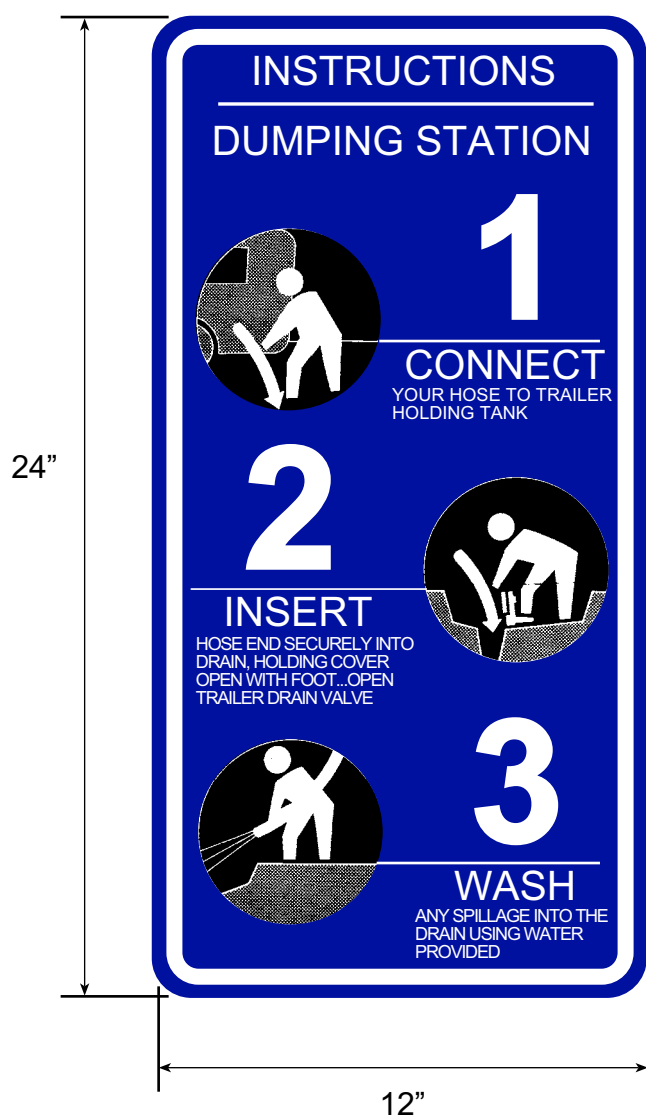
LEGEND - WHITE (NON-REFL)

BACKGROUND - BLUE (REFL)



# I8-708

2/06



NOTE: CONTACT STATE SIGN SHOP FOR DETAILS

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

# I8-709

11/97



| DIMENSIONS (MILLIMETERS) |     |   |   |    |     |    |
|--------------------------|-----|---|---|----|-----|----|
| A                        | B   | C | D | E  | F   | G  |
| 300                      | 150 | 6 | 6 | 25 | 25C | 50 |

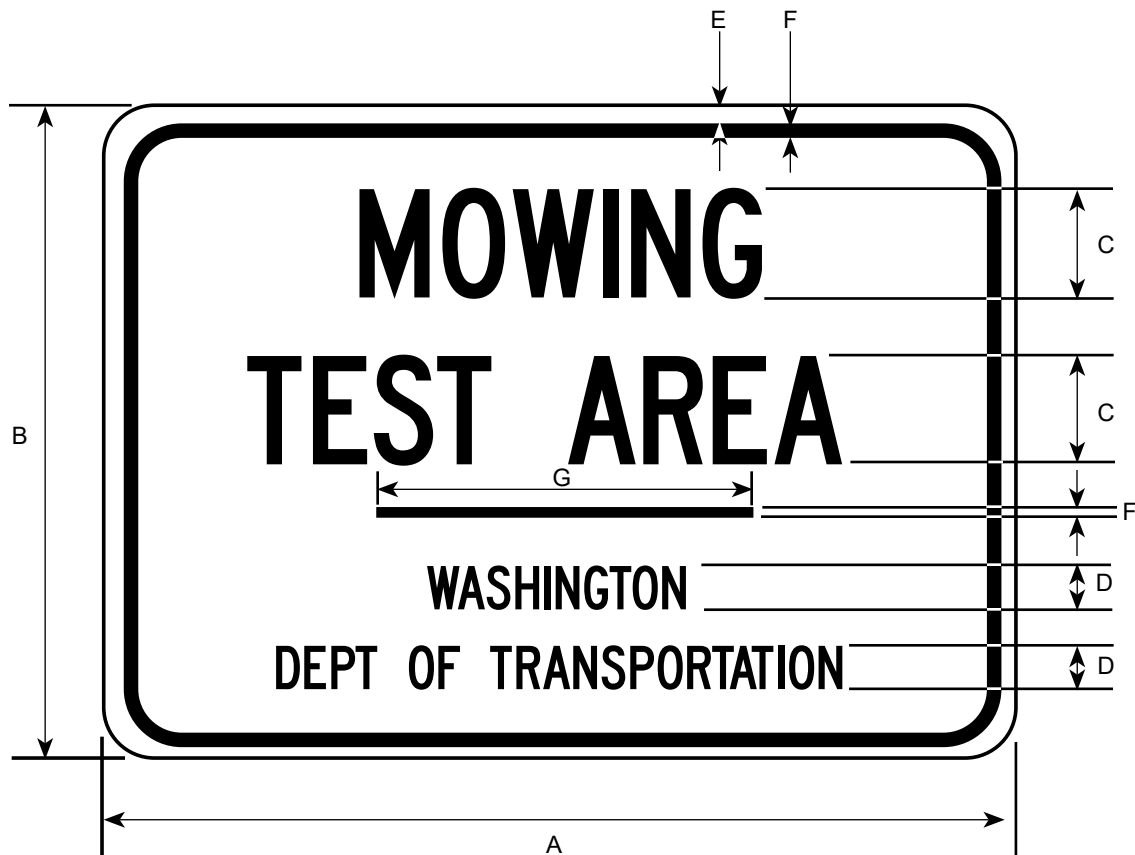
| DIMENSIONS (INCHES) |   |     |     |   |    |   |
|---------------------|---|-----|-----|---|----|---|
| A                   | B | C   | D   | E | F  | G |
| 12                  | 6 | 1/4 | 1/4 | 1 | 1C | 2 |

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — BLUE (REFL)

# I8-801

11/97



| DIMENSIONS (MILLIMETERS) |     |      |     |    |    |     |
|--------------------------|-----|------|-----|----|----|-----|
| A                        | B   | C    | D   | E  | F  | G   |
| 900                      | 750 | 125C | 50C | 19 | 38 | 400 |

| DIMENSIONS (INCHES) |    |    |    |     |       |    |
|---------------------|----|----|----|-----|-------|----|
| A                   | B  | C  | D  | E   | F     | G  |
| 36                  | 30 | 5C | 2C | 3/4 | 1 1/2 | 16 |

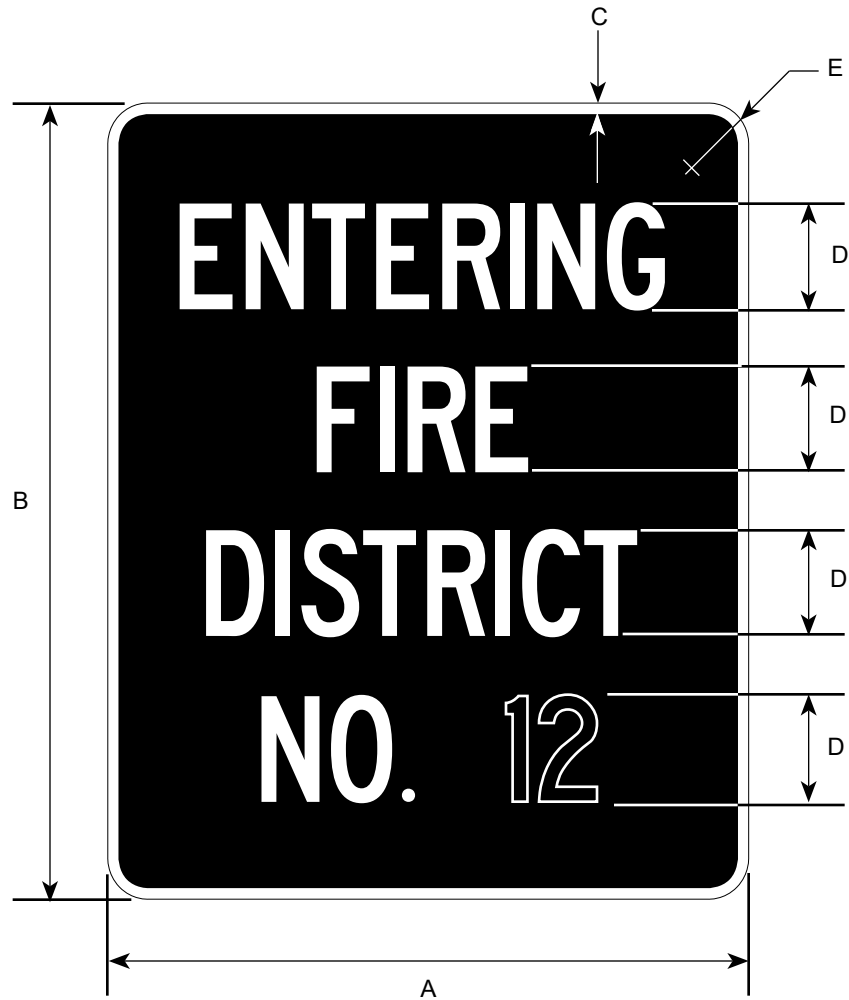
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

# I8-804

3/97



| DIMENSIONS (MILLIMETERS) |     |   |      |     |
|--------------------------|-----|---|------|-----|
| A                        | B   | C | D    | E   |
| 600                      | 750 | 9 | 100C | 100 |

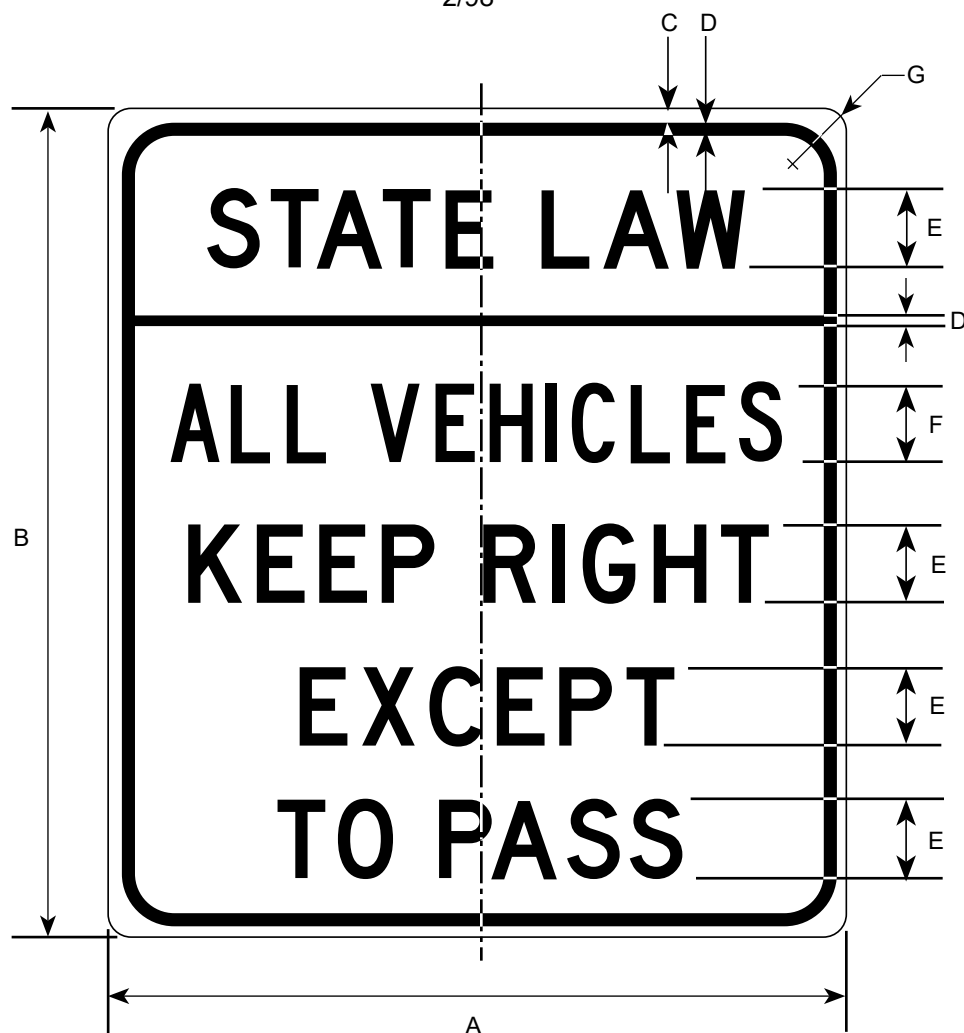
| DIMENSIONS (INCHES) |    |     |    |   |
|---------------------|----|-----|----|---|
| A                   | B  | C   | D  | E |
| 24                  | 30 | 3/8 | 4C | 4 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

# I8-901

2/98



| DIMENSIONS (MILLIMETERS) |      |    |    |      |      |    |
|--------------------------|------|----|----|------|------|----|
| A                        | B    | C  | D  | E    | F    | G  |
| 1800                     | 2100 | 19 | 31 | 200D | 200C | 38 |

| DIMENSIONS (INCHES) |    |     |       |    |    |       |
|---------------------|----|-----|-------|----|----|-------|
| A                   | B  | C   | D     | E  | F  | G     |
| 72                  | 84 | 3/4 | 1 1/4 | 8D | 8C | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

# I8-1001



| DIMENSIONS (MILLIMETERS) |      |    |    |      |      |      |      |     |
|--------------------------|------|----|----|------|------|------|------|-----|
| A                        | B    | C  | D  | E    | F    | G    | H    | J   |
| 900                      | 1200 | 16 | 22 | 150E | 150C | 100B | 150B | 100 |

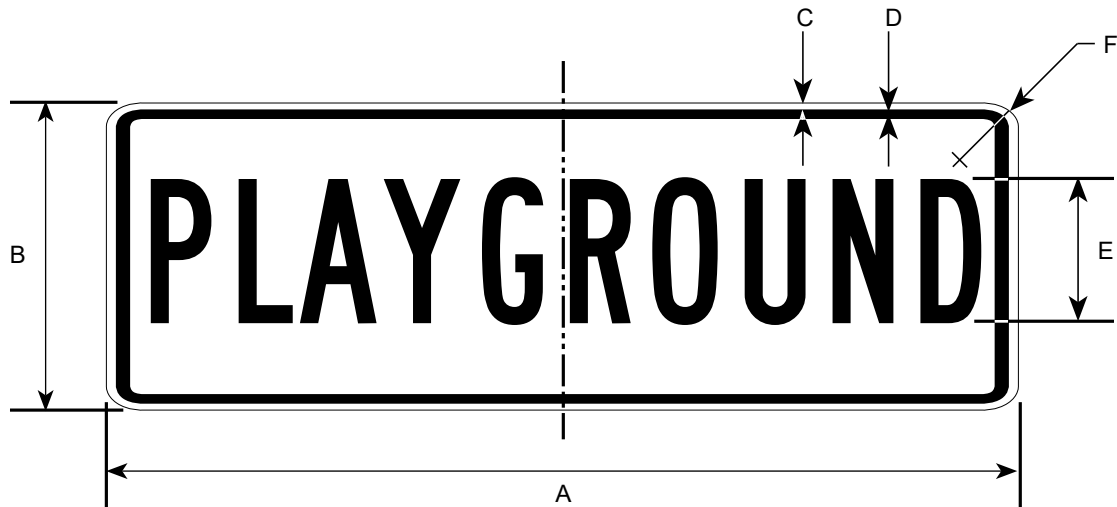
| DIMENSIONS (INCHES) |    |     |     |    |    |    |    |   |
|---------------------|----|-----|-----|----|----|----|----|---|
| A                   | B  | C   | D   | E  | F  | G  | H  | J |
| 36                  | 48 | 5/8 | 7/8 | 6E | 6C | 4B | 6B | 4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# I9-101

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |
|--------------------------|-----|----|----|------|----|
| A                        | B   | C  | D  | E    | F  |
| 600                      | 200 | 10 | 16 | 100B | 31 |

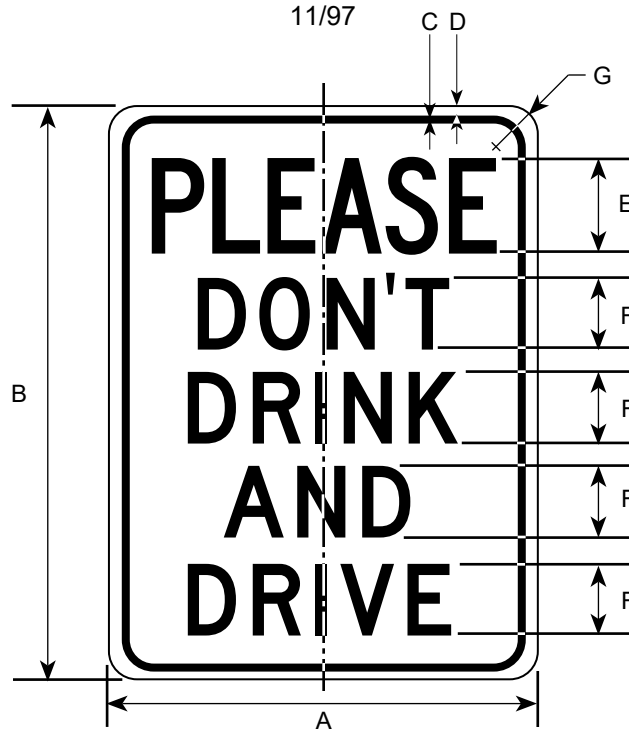
| DIMENSIONS (INCHES) |   |     |     |    |       |
|---------------------|---|-----|-----|----|-------|
| A                   | B | C   | D   | E  | F     |
| 24                  | 8 | 3/8 | 5/8 | 4B | 1 1/2 |

## COLORS

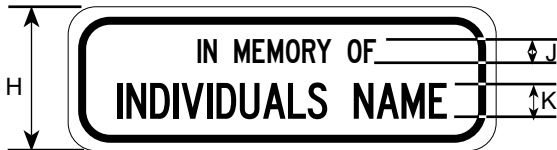
LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# I20-201

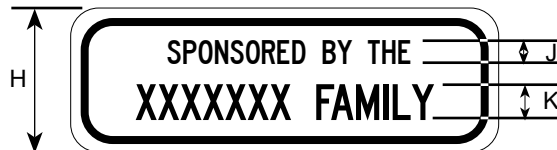
11/97



## I20-203



## I20-204



\* ALL MEASUREMENTS NOT LISTED  
ON I20-203 & 204 SAME AS  
CORRESPONDING  
MEASUREMENTS ON I20-201.

| DIMENSIONS (MILLIMETERS) |      |    |    |      |      |     |     |     |      |
|--------------------------|------|----|----|------|------|-----|-----|-----|------|
| A                        | B    | C  | D  | E    | F    | G   | H   | J   | K    |
| 900                      | 1200 | 16 | 22 | 200C | 150D | 100 | 300 | 50C | 75C  |
| 1200                     | 1500 | 16 | 22 | 250C | 200D | 125 | 300 | 75C | 100C |

| DIMENSIONS (INCHES) |    |     |     |     |    |   |    |    |    |
|---------------------|----|-----|-----|-----|----|---|----|----|----|
| A                   | B  | C   | D   | E   | F  | G | H  | J  | K  |
| 36                  | 48 | 7/8 | 5/8 | 8C  | 6D | 4 | 12 | 2C | 3C |
| 48                  | 60 | 7/8 | 5/8 | 10C | 8D | 5 | 12 | 3C | 4C |

## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)



# I20-301

11/97



\* SPACING REDUCED ON LINES NOTED

| DIMENSIONS (MILLIMETERS) |      |    |    |      |      |      |      |     |
|--------------------------|------|----|----|------|------|------|------|-----|
| A                        | B    | C  | D  | E    | F    | G    | H    | J   |
| 1200                     | 1500 | 22 | 16 | 250D | 150C | 175D | 100E | 100 |

| DIMENSIONS (INCHES) |    |     |     |     |    |    |    |   |
|---------------------|----|-----|-----|-----|----|----|----|---|
| A                   | B  | C   | D   | E   | F  | G  | H  | J |
| 48                  | 60 | 7/8 | 5/8 | 10D | 6C | 7D | 4E | 4 |

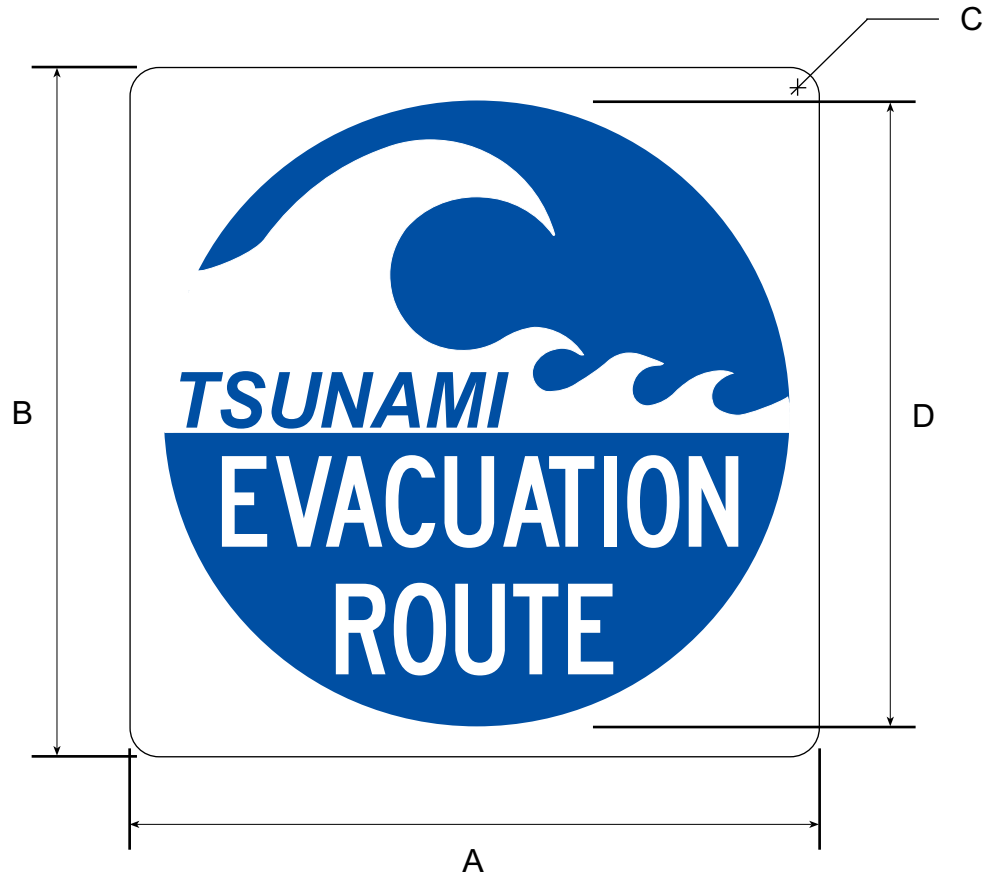
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

# I25-101

2/06



| DIMENSIONS (MM) |     |    |     |
|-----------------|-----|----|-----|
| A               | B   | C  | D   |
| 600             | 600 | 38 | 550 |

| DIMENSIONS (INCHES) |    |       |    |
|---------------------|----|-------|----|
| A                   | B  | C     | D  |
| 24                  | 24 | 1 1/2 | 22 |

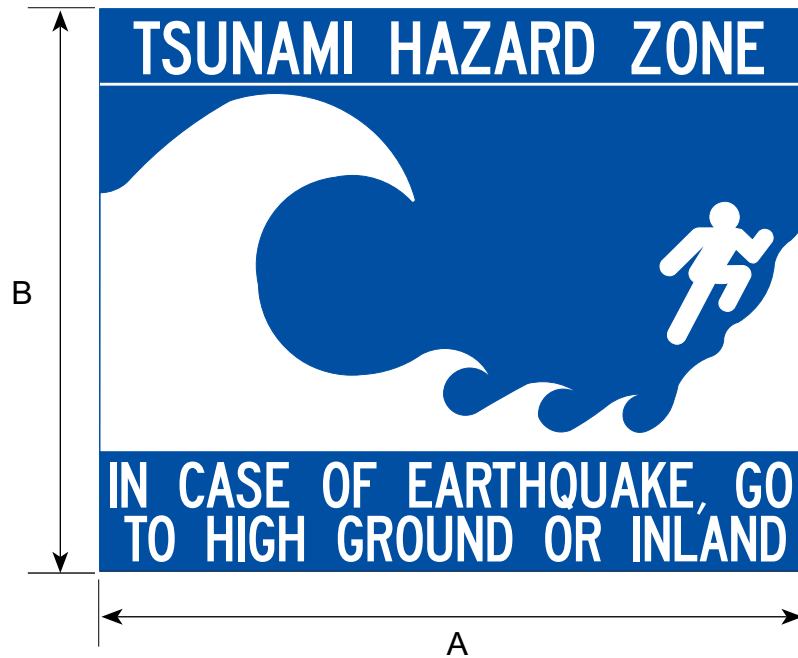
NOTE: CONTACT STATE SIGN SHOP FOR DETAILS

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — BLUE (REFL) & WHITE (REFL)

# I25-102

6/00



| DIMENSIONS<br>(MILLIMETERS) |     |
|-----------------------------|-----|
| A                           | B   |
| 750                         | 600 |

| DIMENSIONS<br>(INCHES) |    |
|------------------------|----|
| A                      | B  |
| 30                     | 24 |

**NOTE: CONTACT STATE SIGN SHOP FOR DETAILS**

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — BLUE (REFL)

# I25-201

1/06



| DIMENSIONS (MM) |     |    |     |
|-----------------|-----|----|-----|
| A               | B   | C  | D   |
| 600             | 600 | 38 | 550 |

| DIMENSIONS (INCHES) |    |       |    |
|---------------------|----|-------|----|
| A                   | B  | C     | D  |
| 24                  | 24 | 1 1/2 | 22 |

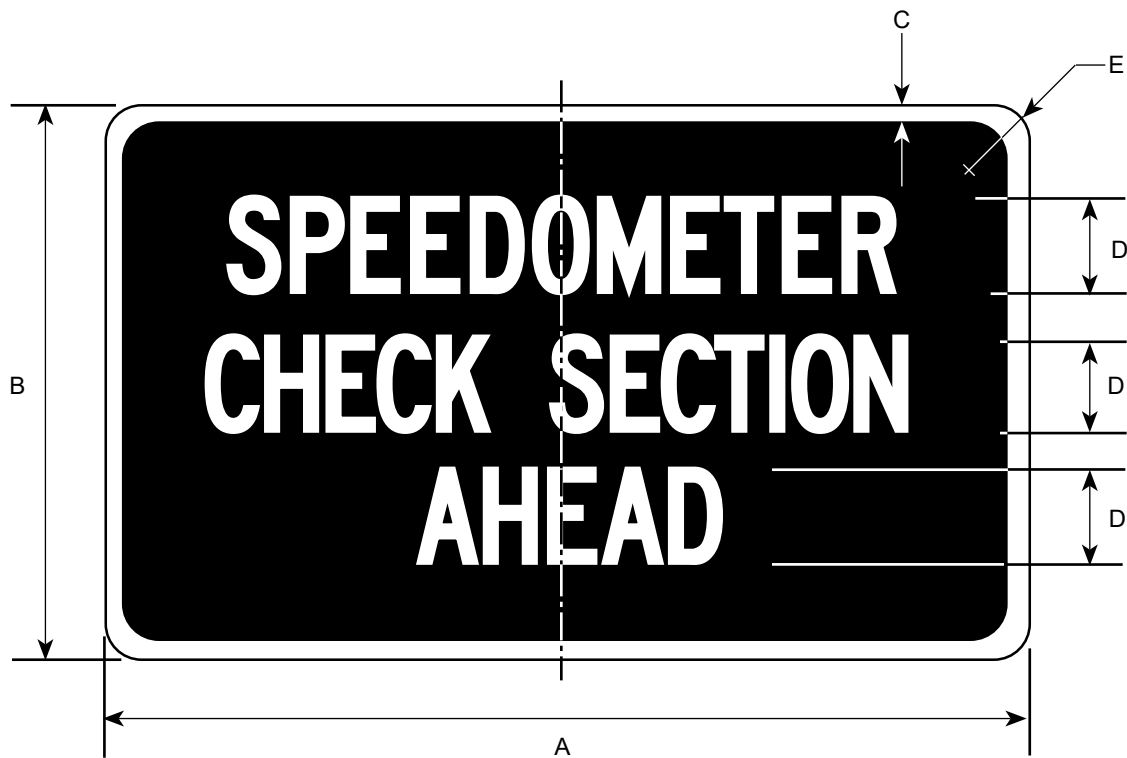
NOTE: CONTACT STATE SIGN SHOP FOR DETAILS

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND — BLUE (REFL)

# I30-101

11/97



| DIMENSIONS (MILLIMETERS) |     |    |      |     |
|--------------------------|-----|----|------|-----|
| A                        | B   | C  | D    | E   |
| 1500                     | 900 | 50 | 150C | 100 |

| DIMENSIONS (INCHES) |    |   |    |   |
|---------------------|----|---|----|---|
| A                   | B  | C | D  | E |
| 60                  | 36 | 2 | 6C | 4 |

## COLORS

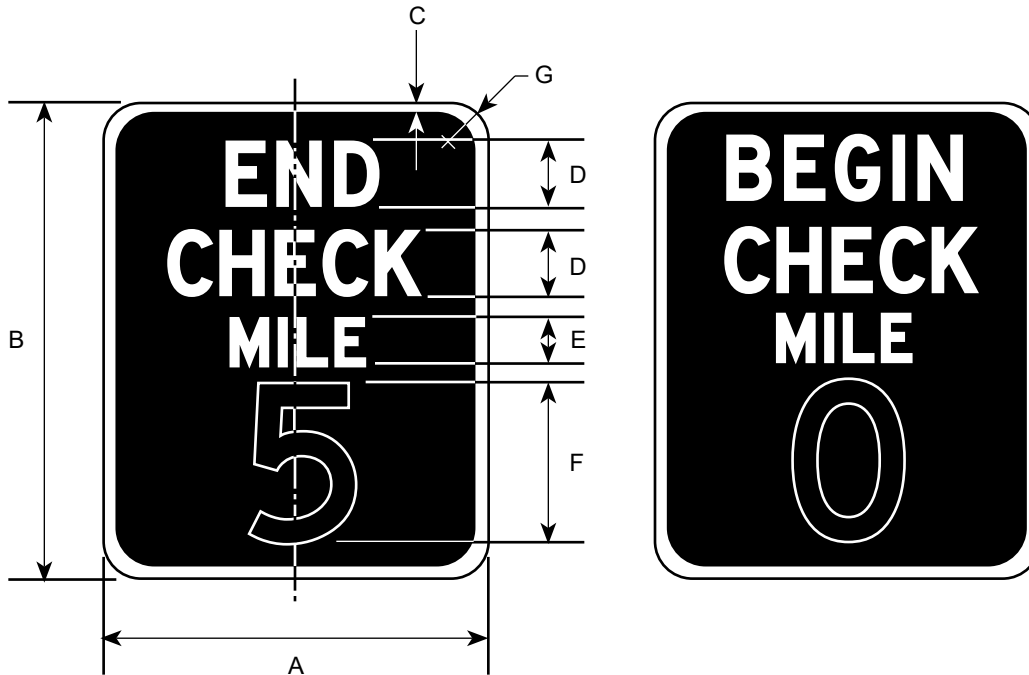
LEGEND - WHITE (NON-REFL)  
BACKGROUND - BLACK (NON-REFL)

# I30-301 & I30-301A

11/97

**I30-301**

**I30-301A**



| DIMENSIONS (MILLIMETERS) |     |    |      |     |      |    |
|--------------------------|-----|----|------|-----|------|----|
| A                        | B   | C  | D    | E   | F    | G  |
| 600                      | 750 | 13 | 100D | 75D | 250D | 38 |

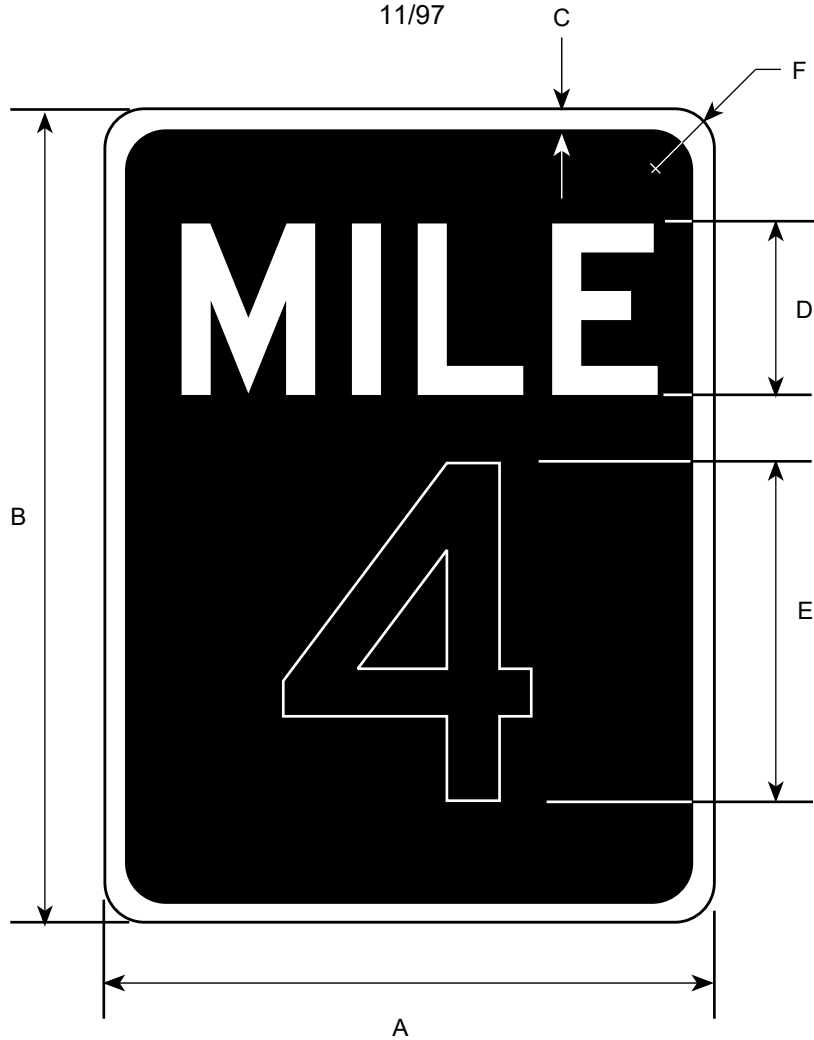
| DIMENSIONS (INCHES) |    |     |    |    |     |       |
|---------------------|----|-----|----|----|-----|-------|
| A                   | B  | C   | D  | E  | F   | G     |
| 24                  | 30 | 1/2 | 4D | 3D | 10D | 1 1/2 |

## COLORS

LEGEND - WHITE (NON-REFL)  
BACKGROUND - BLACK (NON-REFL)

# I30-401

11/97



| DIMENSIONS (MILLIMETERS) |     |    |      |      |    |
|--------------------------|-----|----|------|------|----|
| A                        | B   | C  | D    | E    | F  |
| 450                      | 600 | 13 | 125D | 250D | 38 |

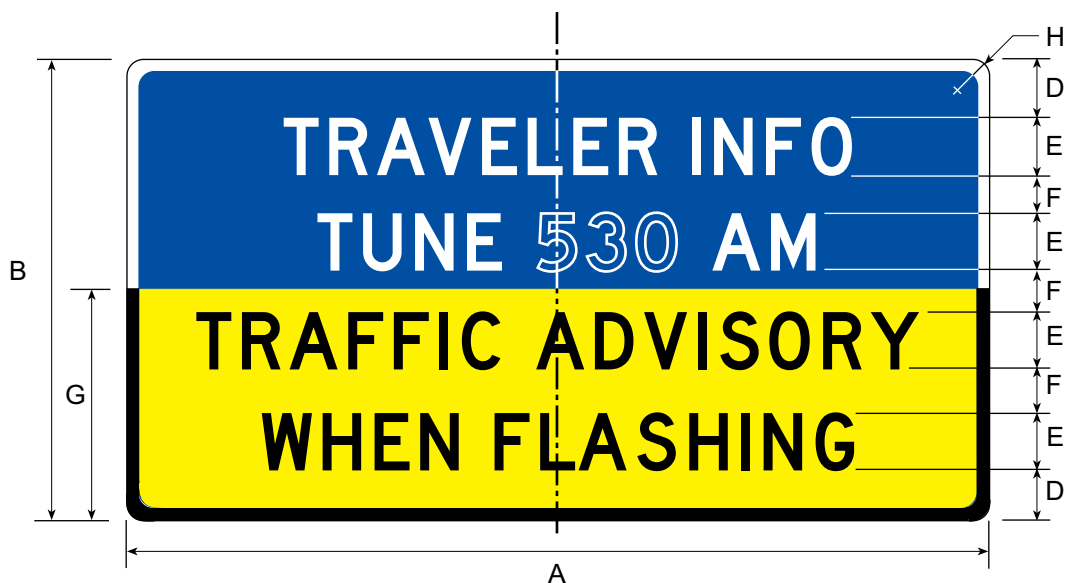
| DIMENSIONS (INCHES) |    |     |    |     |       |
|---------------------|----|-----|----|-----|-------|
| A                   | B  | C   | D  | E   | F     |
| 18                  | 24 | 1/2 | 5D | 10D | 1 1/2 |

## COLORS

LEGEND - WHITE (NON-REFL)  
BACKGROUND - BLACK (NON-REFL)

# I35-101

2/06



| DIMENSIONS (MILLIMETERS) |      |    |     |      |     |      |     |
|--------------------------|------|----|-----|------|-----|------|-----|
| A                        | B    | C  | D   | E    | F   | G    | H   |
| 2400                     | 1200 | 25 | 150 | 150D | 100 | 600  | 150 |
| 3000                     | 1800 | 38 | 200 | 200D | 150 | 900  | 225 |
| 3900                     | 2100 | 38 | 250 | 250D | 200 | 1050 | 263 |
| 4500                     | 2400 | 50 | 300 | 300D | 200 | 1200 | 300 |

| DIMENSIONS (INCHES) |    |       |    |     |   |    |        |
|---------------------|----|-------|----|-----|---|----|--------|
| A                   | B  | C     | D  | E   | F | G  | H      |
| 96                  | 48 | 1     | 6  | 6D  | 4 | 24 | 6      |
| 120                 | 72 | 1 1/2 | 8  | 8D  | 6 | 36 | 9      |
| 156                 | 84 | 1 1/2 | 10 | 10D | 8 | 42 | 10 1/2 |
| 180                 | 96 | 2     | 12 | 12D | 8 | 48 | 12     |

## COLORS

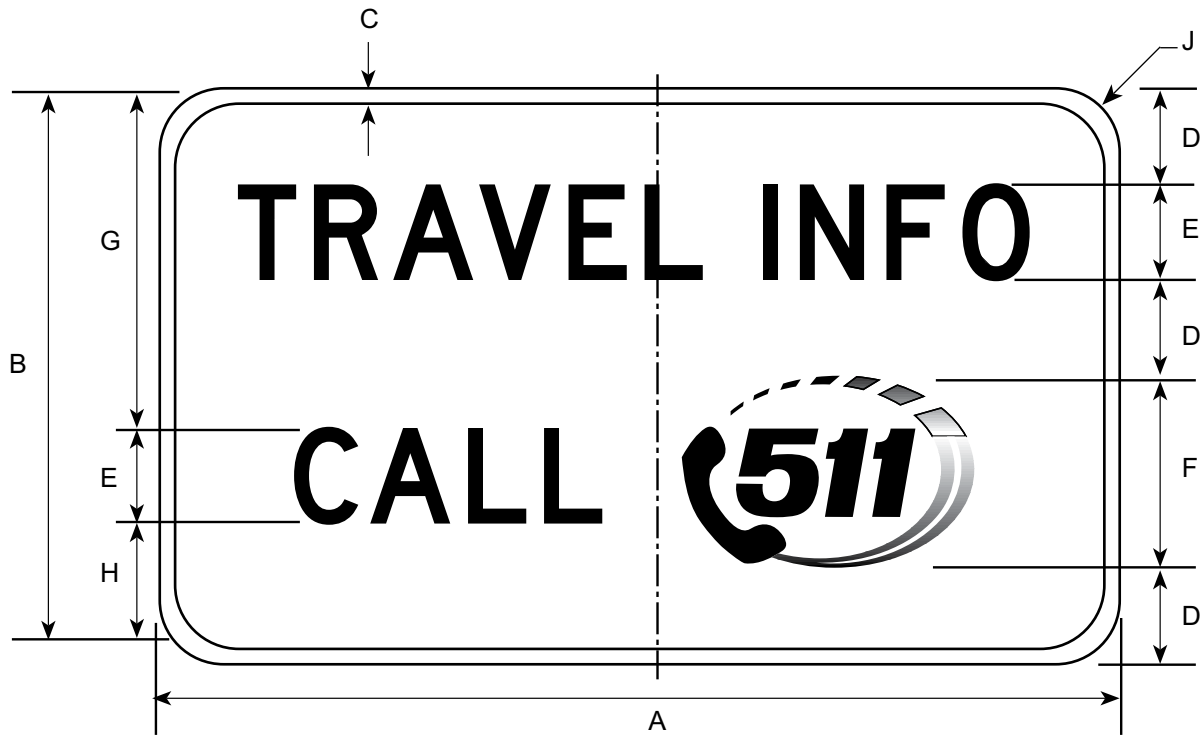
TOP  
LEGEND - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

BOTTOM  
LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)



# I35-102

8/03



| DIMENSIONS (MILLIMETERS) |     |    |     |      |     |     |     |     |
|--------------------------|-----|----|-----|------|-----|-----|-----|-----|
| A                        | B   | C  | D   | E    | F   | G   | H   | J   |
| 1500                     | 900 | 25 | 150 | 150D | 300 | 525 | 225 | 100 |

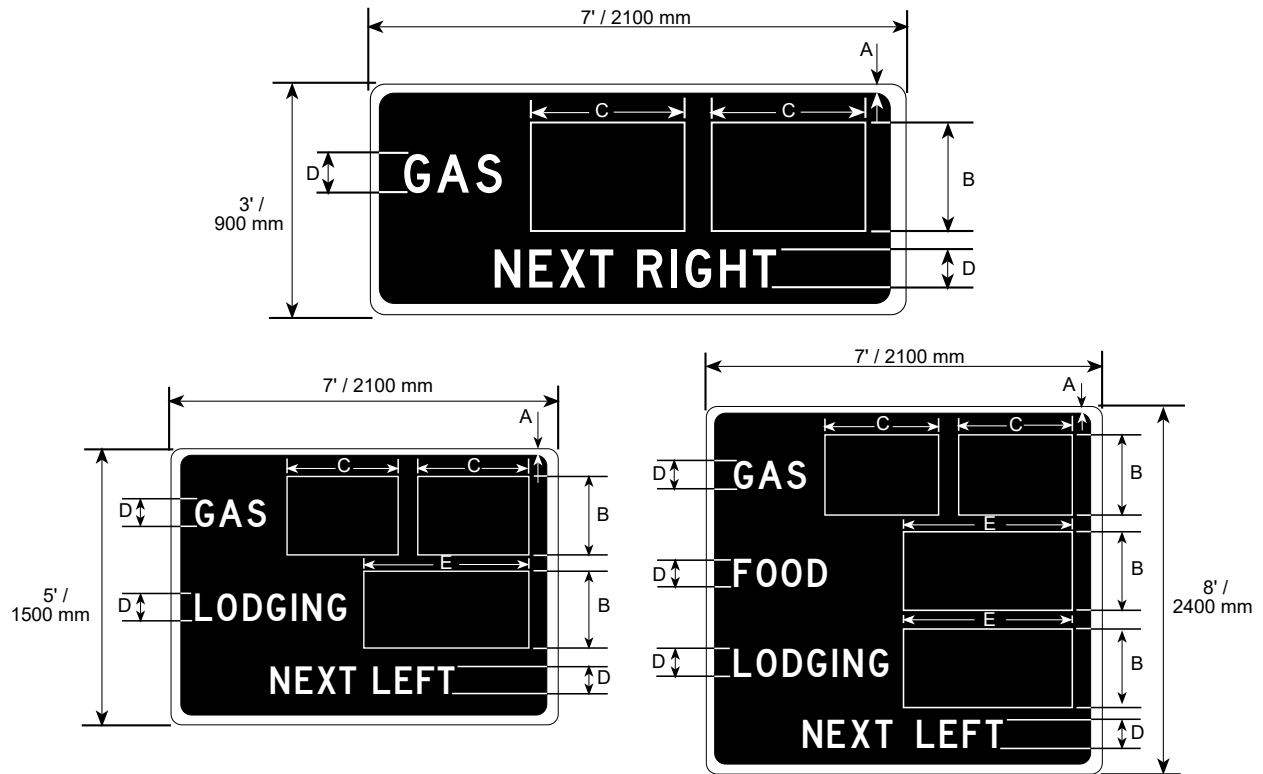
| DIMENSIONS (INCHES) |    |   |   |    |    |    |   |   |
|---------------------|----|---|---|----|----|----|---|---|
| A                   | B  | C | D | E  | F  | G  | H | J |
| 60                  | 36 | 1 | 6 | 6D | 12 | 21 | 9 | 4 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

# LG-C1

6/00



MINIMUM OF 3" BETWEEN BUSINESS SIGNS

| DIMENSIONS (MILLIMETERS) |     |     |      |     |
|--------------------------|-----|-----|------|-----|
| A                        | B   | C   | D    | E   |
| 25                       | 450 | 600 | 150D | 900 |

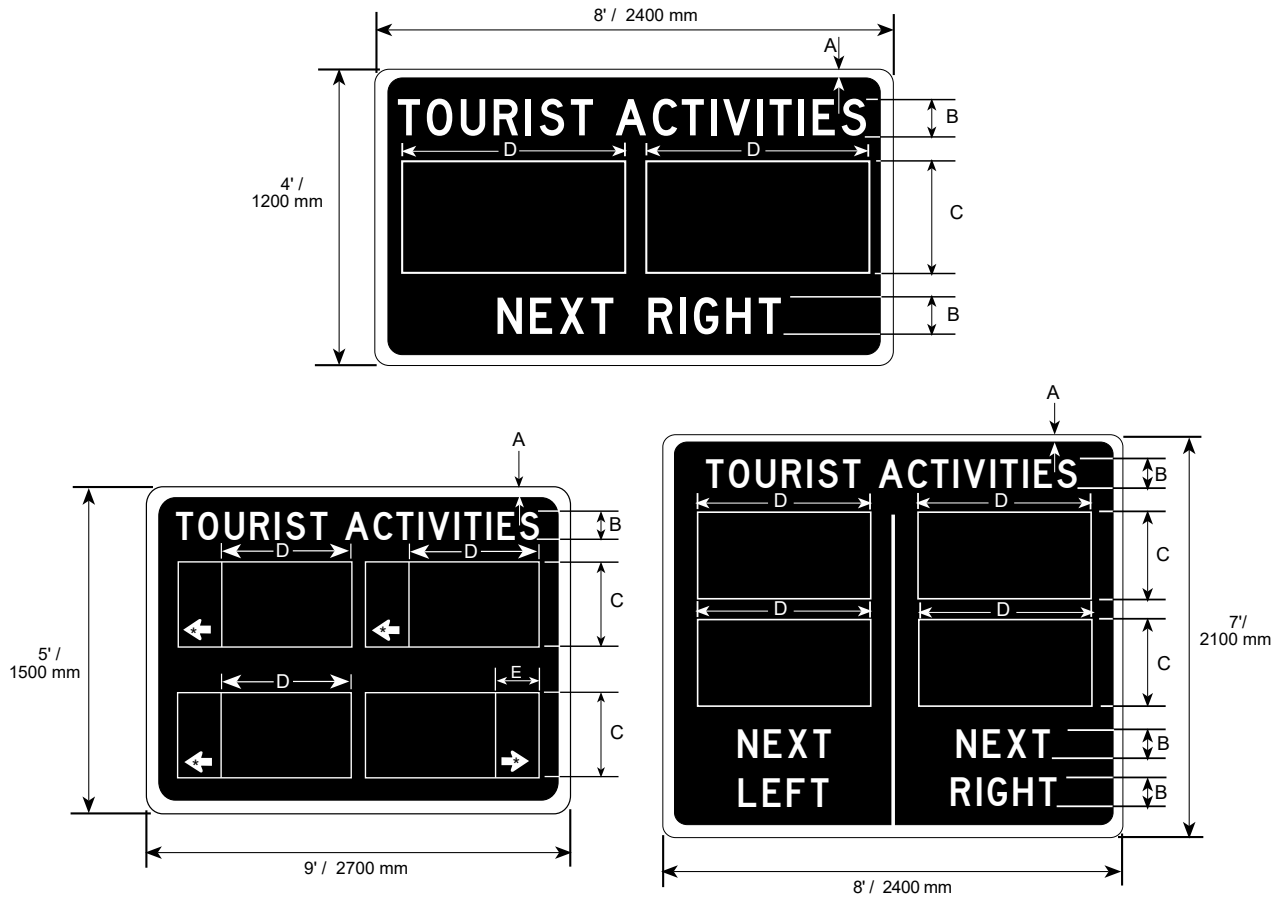
| DIMENSIONS (INCHES) |    |    |    |    |
|---------------------|----|----|----|----|
| A                   | B  | C  | D  | E  |
| 1                   | 18 | 24 | 6D | 36 |

TYPICAL SIGN (GAS, FOOD, LODGING) LAYOUTS FOR CONVENTIONAL ROADS.

GAS, FOOD, AND LODGING BACKGROUNDS SHALL BE BLUE REFLECTIVE SHEETING. LEGEND SHALL BE WHITE REFLECTIVE SHEETING.

# LG-C2

6/00



✱ ARROWS ARE STANDARD 6" X 9"  
MINIMUM OF 3" BETWEEN BUSINESS SIGNS

| DIMENSIONS (MILLIMETERS) |      |     |     |     |
|--------------------------|------|-----|-----|-----|
| A                        | B    | C   | D   | E   |
| 25                       | 150D | 450 | 900 | 300 |

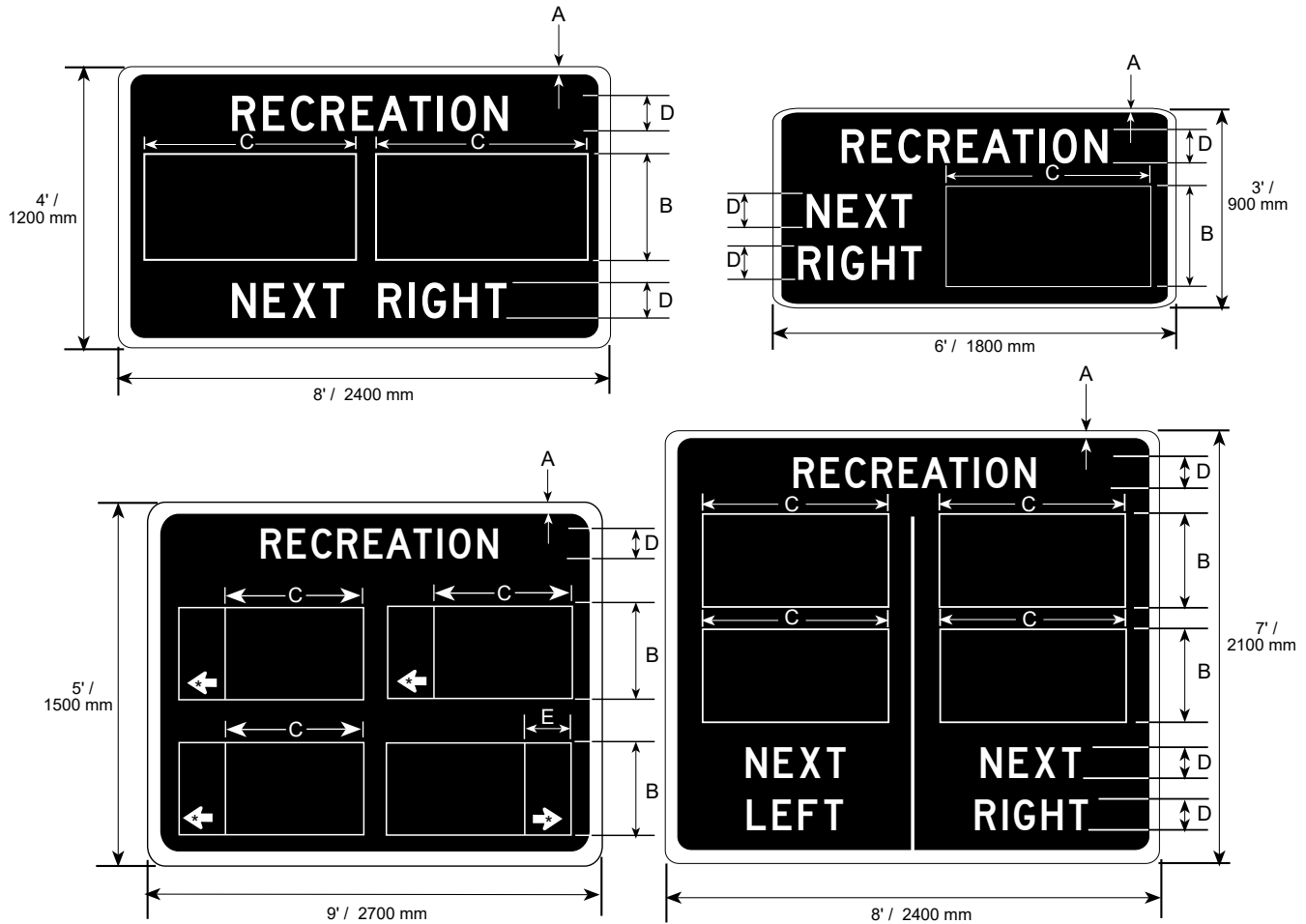
| DIMENSIONS (INCHES) |    |    |    |    |
|---------------------|----|----|----|----|
| A                   | B  | C  | D  | E  |
| 1                   | 6D | 18 | 36 | 12 |

TYPICAL SIGN (TOURIST ACTIVITIES) LAYOUTS FOR CONVENTIONAL ROADS.

TOURIST ACTIVITIES BACKGROUNDS SHALL BE BLUE REFLECTIVE SHEETING. LEGEND SHALL BE WHITE REFLECTIVE SHEETING.

# LG-C3

6/00



\* ARROWS ARE STANDARD 6" X 9".  
MINIMUM OF 3" BETWEEN BUSINESS SIGNS

| DIMENSIONS (MILLIMETERS) |     |     |      |     |
|--------------------------|-----|-----|------|-----|
| A                        | B   | C   | D    | E   |
| 25                       | 450 | 900 | 150D | 300 |

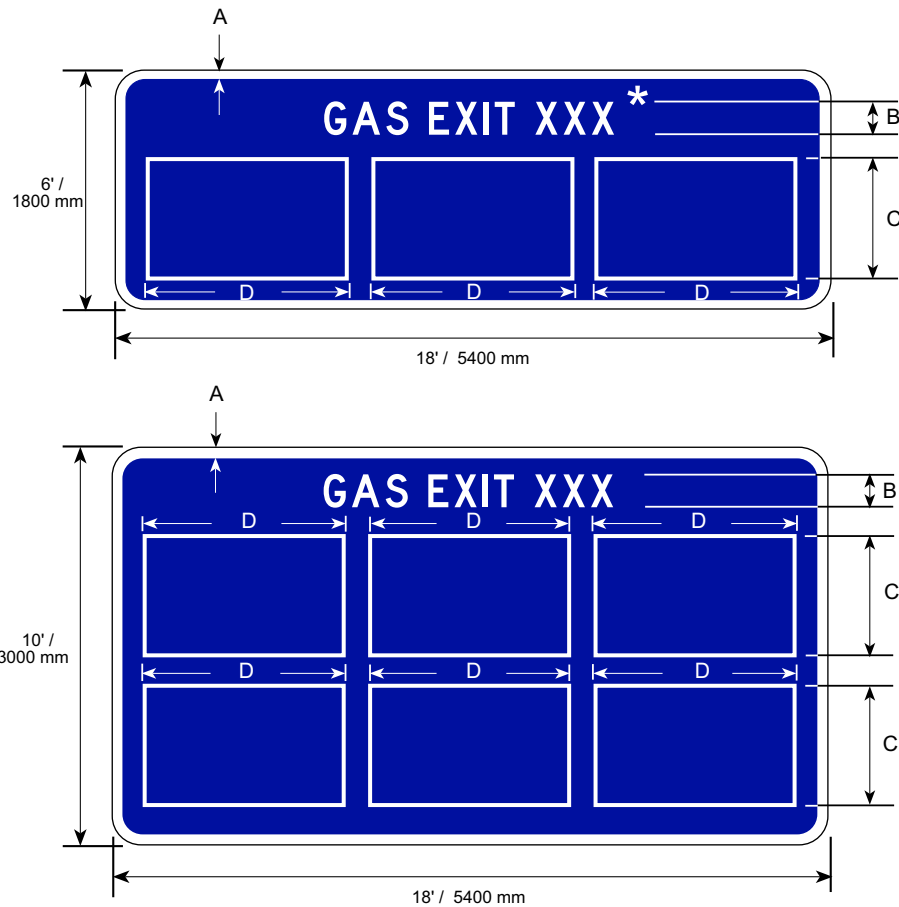
| DIMENSIONS (INCHES) |    |    |    |    |
|---------------------|----|----|----|----|
| A                   | B  | C  | D  | E  |
| 1                   | 18 | 36 | 6D | 12 |

TYPICAL SIGN (RECREATION) LAYOUTS FOR CONVENTIONAL ROADS.

RECREATION SIGN BACKGROUNDS SHALL BE BROWN REFLECTIVE SHEETING. LEGEND SHALL BE WHITE REFLECTIVE SHEETING.

# LG-M1

5/06



\* FOR INTERCHANGES WITHOUT EXIT NUMBERS, USE "NEXT RIGHT"

| DIMENSIONS (MILLIMETERS) |      |     |      |
|--------------------------|------|-----|------|
| A                        | B    | C   | D    |
| 38                       | 250D | 900 | 1500 |

| DIMENSIONS (INCHES) |     |    |    |
|---------------------|-----|----|----|
| A                   | B   | C  | D  |
| 1 1/2               | 10D | 36 | 60 |

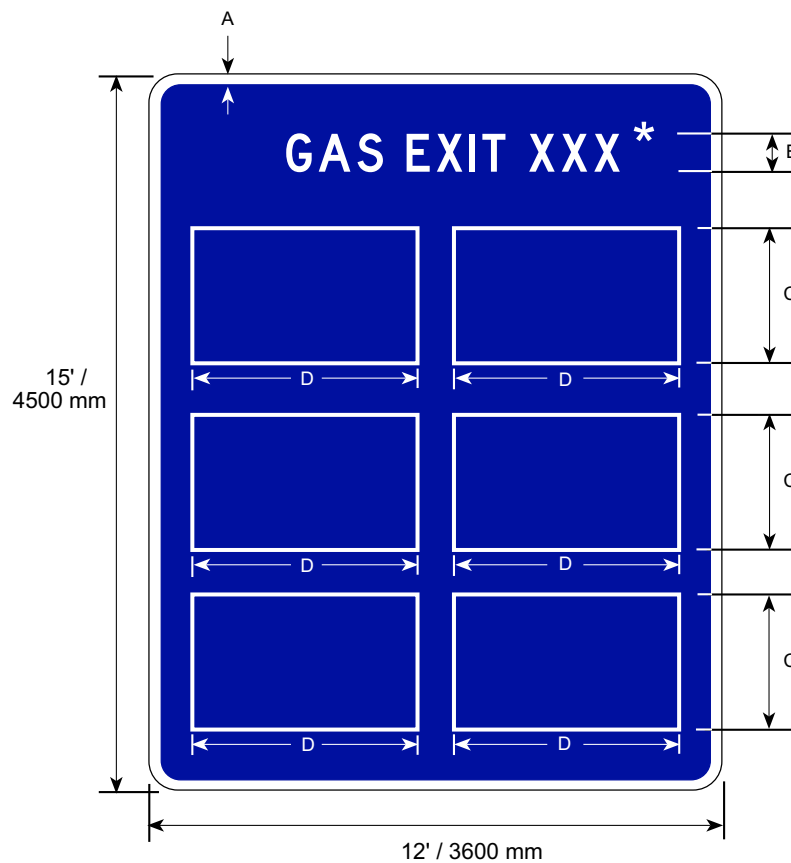
TYPICAL SIGN (GAS) LAYOUTS FOR FREEWAY OR EXPRESSWAY MAINLINE

## COLORS

GAS BACKGROUNDS SHALL BE BLUE REFLECTIVE SHEETING  
LEGEND SHALL BE WHITE REFLECTIVE SHEETING

# LG-M1A

5/06



\* FOR INTERCHANGES WITHOUT EXIT NUMBERS USE “NEXT RIGHT”

| DIMENSIONS (MILLIMETERS) |      |     |      |
|--------------------------|------|-----|------|
| A                        | B    | C   | D    |
| 38                       | 250D | 900 | 1500 |

| DIMENSIONS (INCHES) |     |    |    |
|---------------------|-----|----|----|
| A                   | B   | C  | D  |
| 1 1/2               | 10D | 36 | 60 |

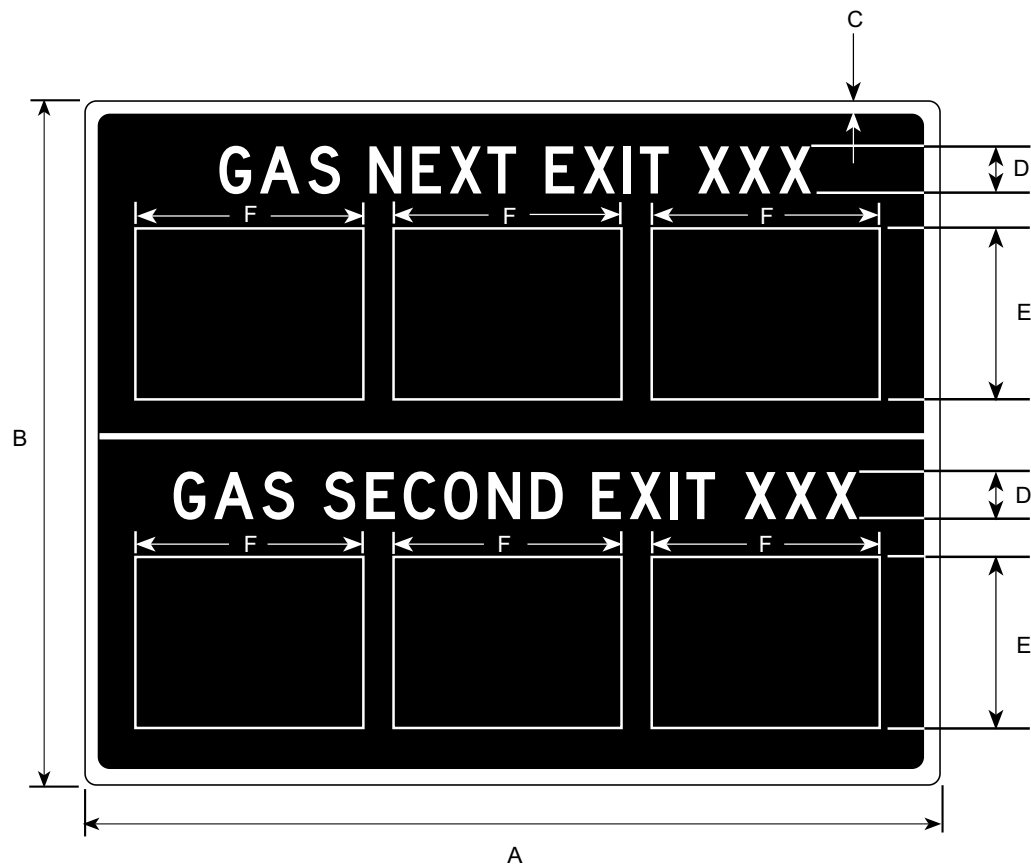
TYPICAL SIGN (GAS) LAYOUTS FOR FREEWAY OR EXPRESSWAY MAINLINE

## COLORS

GAS BACKGROUNDS SHALL BE BLUE REFLECTIVE SHEETING  
LEGEND SHALL BE WHITE REFLECTIVE SHEETING

# LG-M2

11/97



MINIMUM OF 3" BETWEEN BUSINESS SIGNS

| DIMENSIONS (MILLIMETERS) |      |    |      |     |      |
|--------------------------|------|----|------|-----|------|
| A                        | B    | C  | D    | E   | F    |
| 4500                     | 3600 | 38 | 250D | 900 | 1200 |

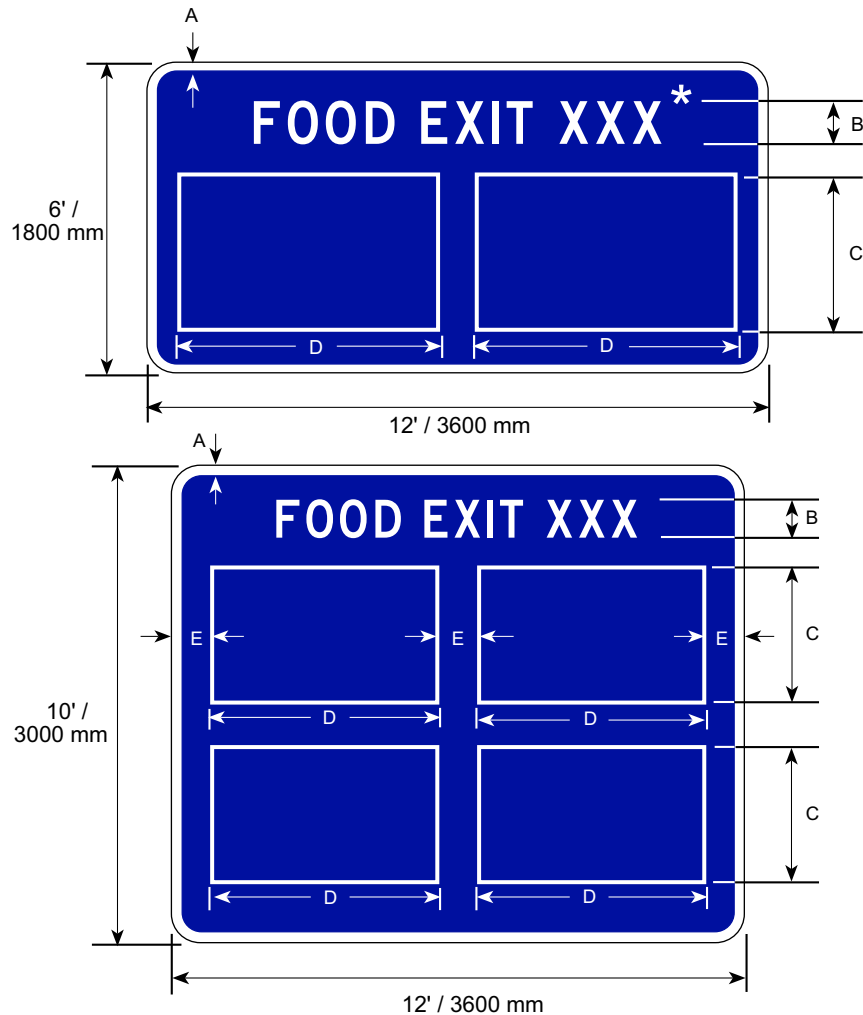
| DIMENSIONS (INCHES) |     |       |     |    |    |
|---------------------|-----|-------|-----|----|----|
| A                   | B   | C     | D   | E  | F  |
| 180                 | 144 | 1 1/2 | 10D | 36 | 48 |

TYPICAL SIGN (GAS) LAYOUT FOR FREEWAY OR EXPRESSWAY MAINLINE

GAS BACKGROUND SHALL BE BLUE REFLECTIVE SHEETING. LEGEND SHALL BE WHITE REFLECTIVE SHEETING.

# LG-M3

5/06



\* FOR INTERCHANGES WITHOUT EXIT NUMBERS, USE "NEXT RIGHT"

| DIMENSIONS (MILLIMETERS) |      |     |      |     |
|--------------------------|------|-----|------|-----|
| A                        | B    | C   | D    | E   |
| 38                       | 250D | 900 | 1500 | 200 |

| DIMENSIONS (INCHES) |     |    |    |   |
|---------------------|-----|----|----|---|
| A                   | B   | C  | D  | E |
| 1 1/2               | 10D | 36 | 60 | 8 |

TYPICAL SIGN (FOOD) LAYOUTS FOR FREEWAY OR EXPRESSWAY MAINLINE

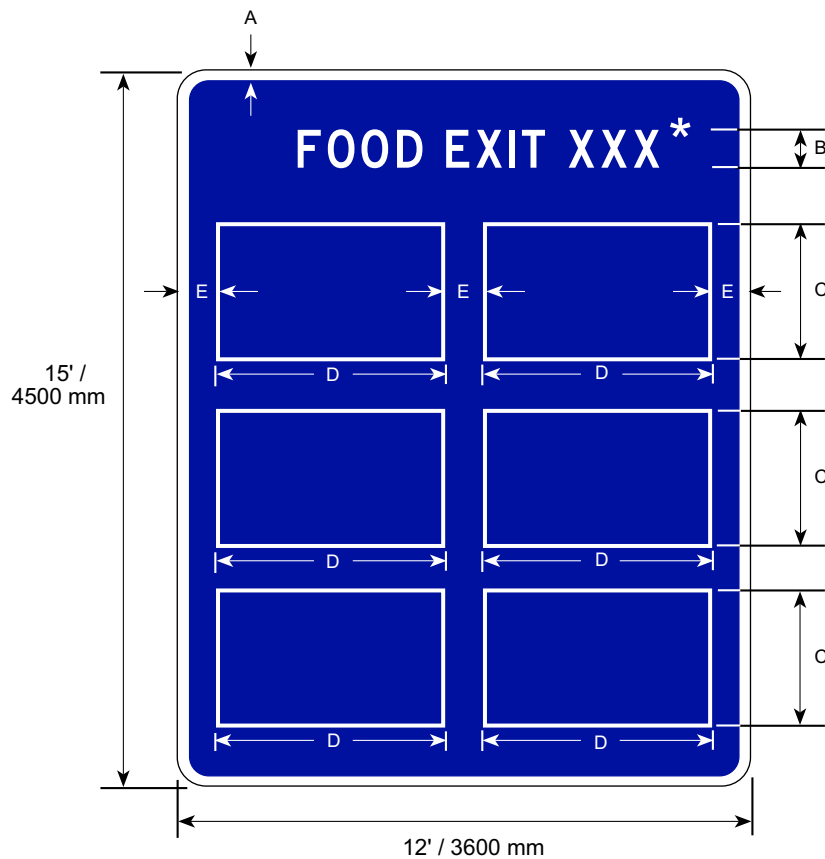
## COLORS

FOOD BACKGROUNDS SHALL BE BLUE REFLECTIVE SHEETING  
LEGEND SHALL BE WHITE REFLECTIVE SHEETING



# LG-M3A

5/06



\* FOR INTERCHANGES WITHOUT EXIT NUMBERS USE “NEXT RIGHT”

| DIMENSIONS (MILLIMETERS) |      |     |      |     |
|--------------------------|------|-----|------|-----|
| A                        | B    | C   | D    | E   |
| 38                       | 250D | 900 | 1500 | 200 |

| DIMENSIONS (INCHES) |     |    |    |   |
|---------------------|-----|----|----|---|
| A                   | B   | C  | D  | E |
| 1 1/2               | 10D | 36 | 60 | 8 |

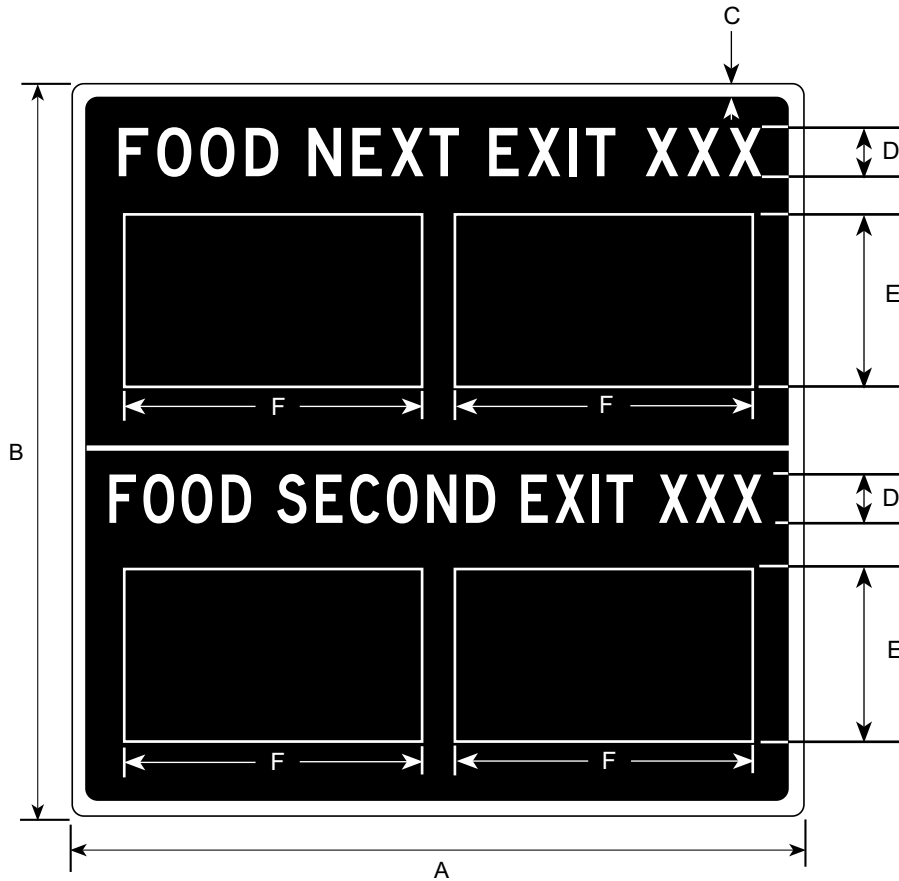
TYPICAL SIGN (FOOD) LAYOUTS FOR FREEWAY OR EXPRESSWAY MAINLINE

## COLORS

FOOD BACKGROUNDS SHALL BE BLUE REFLECTIVE SHEETING  
LEGEND SHALL BE WHITE REFLECTIVE SHEETING

# LG-M4

11/97



MINIMUM OF 3" BETWEEN BUSINESS SIGNS

| DIMENSIONS (MILLIMETERS) |      |    |      |     |      |
|--------------------------|------|----|------|-----|------|
| A                        | B    | C  | D    | E   | F    |
| 4200                     | 3600 | 38 | 250D | 900 | 1500 |

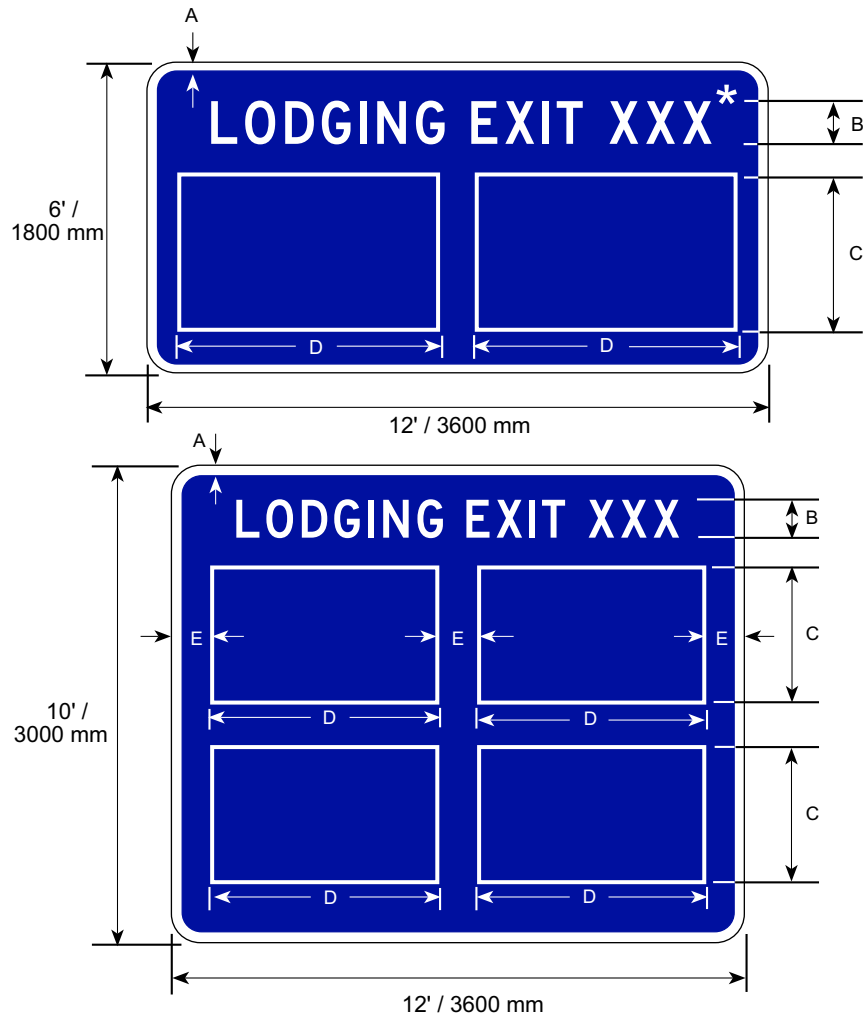
| DIMENSIONS (INCHES) |     |       |     |    |    |
|---------------------|-----|-------|-----|----|----|
| A                   | B   | C     | D   | E  | F  |
| 168                 | 144 | 1 1/2 | 10D | 36 | 60 |

TYPICAL SIGN (FOOD) LAYOUT FOR FREEWAY AND EXPRESSWAY MAINLINE.

FOOD BACKGROUNDS SHALL BE BLUE REFLECTIVE SHEETING. LEGEND SHALL BE WHITE REFLECTIVE SHEETING.

# LG-M5

5/06



\* FOR INTERCHANGES WITHOUT EXIT NUMBERS, USE “NEXT RIGHT”

| DIMENSIONS (MILLIMETERS) |      |     |      |     |
|--------------------------|------|-----|------|-----|
| A                        | B    | C   | D    | E   |
| 38                       | 250D | 900 | 1500 | 200 |

| DIMENSIONS (INCHES) |     |    |    |   |
|---------------------|-----|----|----|---|
| A                   | B   | C  | D  | E |
| 1 1/2               | 10D | 36 | 60 | 8 |

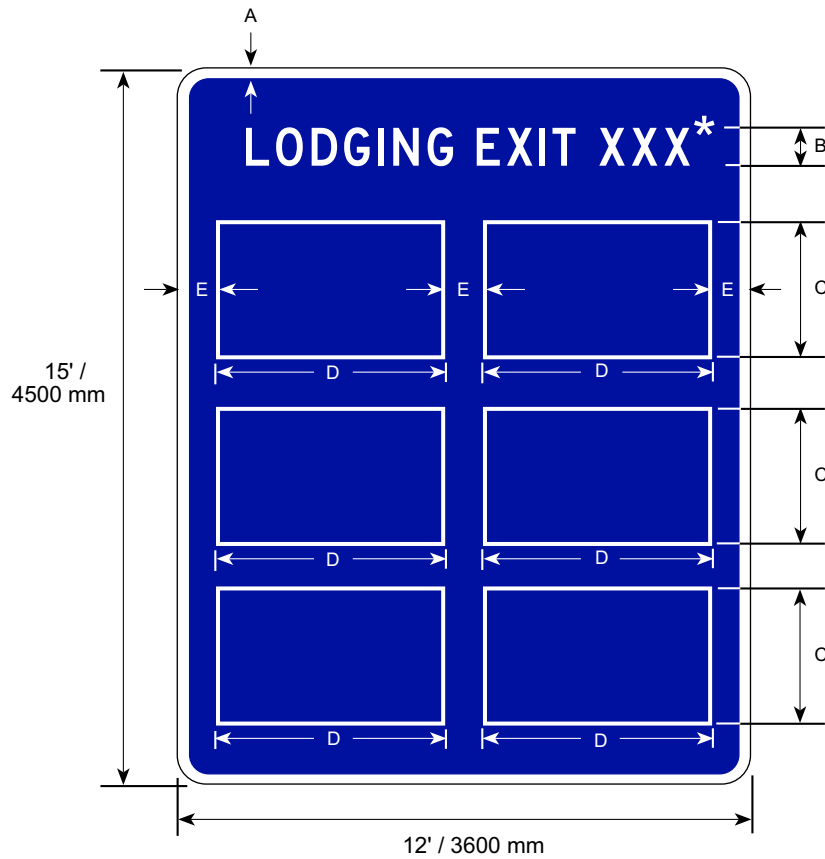
TYPICAL SIGN (LODGING) LAYOUTS FOR FREEWAY OR EXPRESSWAY MAINLINE

## COLORS

FOOD BACKGROUNDS SHALL BE BLUE REFLECTIVE SHEETING  
LEGEND SHALL BE WHITE REFLECTIVE SHEETING

# LG-M5A

5/06



\* FOR INTERCHANGES WITHOUT EXIT NUMBERS USE “NEXT RIGHT”

| DIMENSIONS (MILLIMETERS) |      |     |      |     |
|--------------------------|------|-----|------|-----|
| A                        | B    | C   | D    | E   |
| 38                       | 250D | 900 | 1500 | 200 |

| DIMENSIONS (INCHES) |     |    |    |   |
|---------------------|-----|----|----|---|
| A                   | B   | C  | D  | E |
| 1 1/2               | 10D | 36 | 60 | 8 |

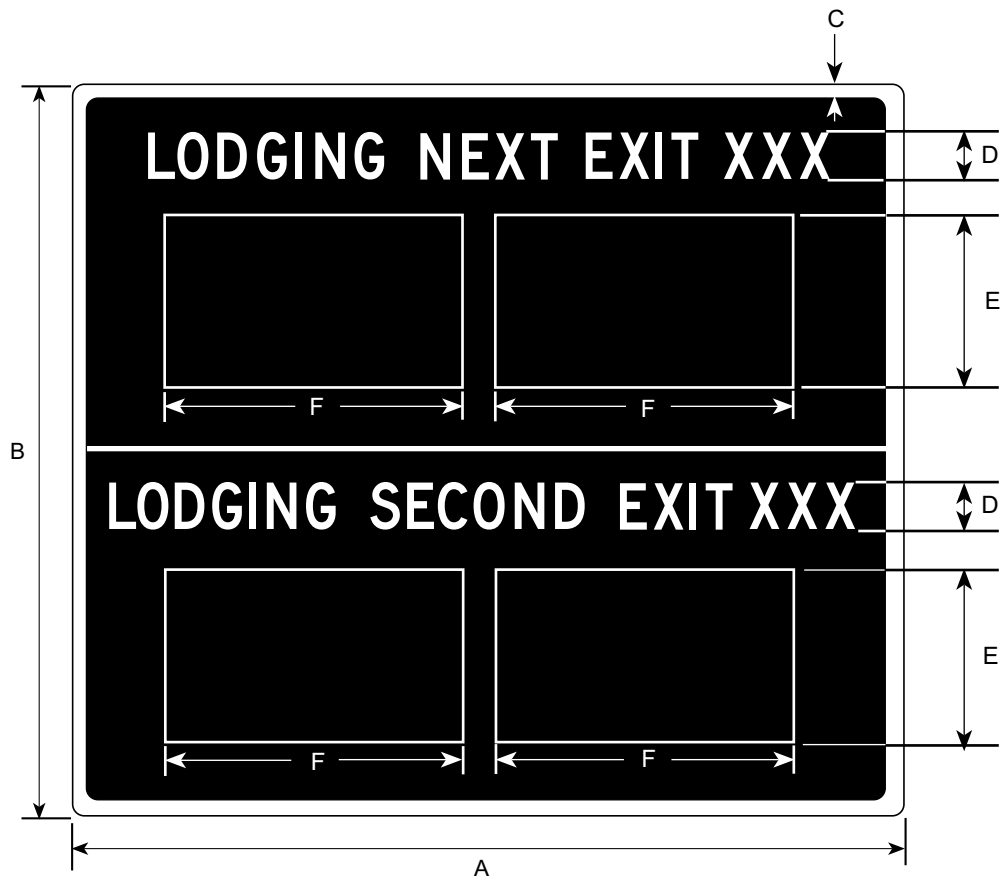
TYPICAL SIGN (LODGING) LAYOUTS FOR FREEWAY OR EXPRESSWAY MAINLINE

## COLORS

FOOD BACKGROUNDS SHALL BE BLUE REFLECTIVE SHEETING  
LEGEND SHALL BE WHITE REFLECTIVE SHEETING

# LG-M6

11/97



MINIMUM OF 3" BETWEEN BUSINESS SIGNS

| DIMENSIONS (MILLIMETERS) |      |    |      |     |      |
|--------------------------|------|----|------|-----|------|
| A                        | B    | C  | D    | E   | F    |
| 5100                     | 3600 | 38 | 250D | 900 | 1500 |

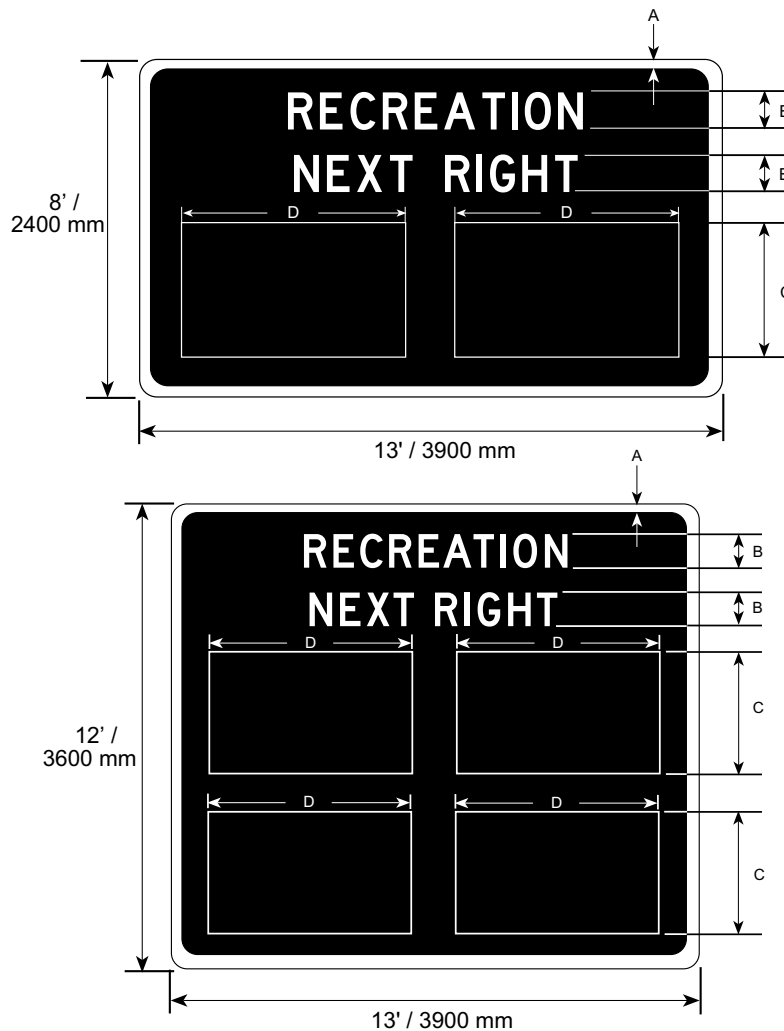
| DIMENSIONS (INCHES) |     |       |     |    |    |
|---------------------|-----|-------|-----|----|----|
| A                   | B   | C     | D   | E  | F  |
| 204                 | 144 | 1 1/2 | 10D | 36 | 60 |

TYPICAL SIGN (LODGING) LAYOUT FOR FREEWAY OR EXPRESSWAY MAINLINE.

LODGING BACKGROUNDS SHALL BE BLUE REFLECTIVE SHEETING.  
LEGEND SHALL BE WHITE REFLECTIVE SHEETING.

# LG-M7

6/00



MINIMUM OF 3" BETWEEN BUSINESS SIGNS

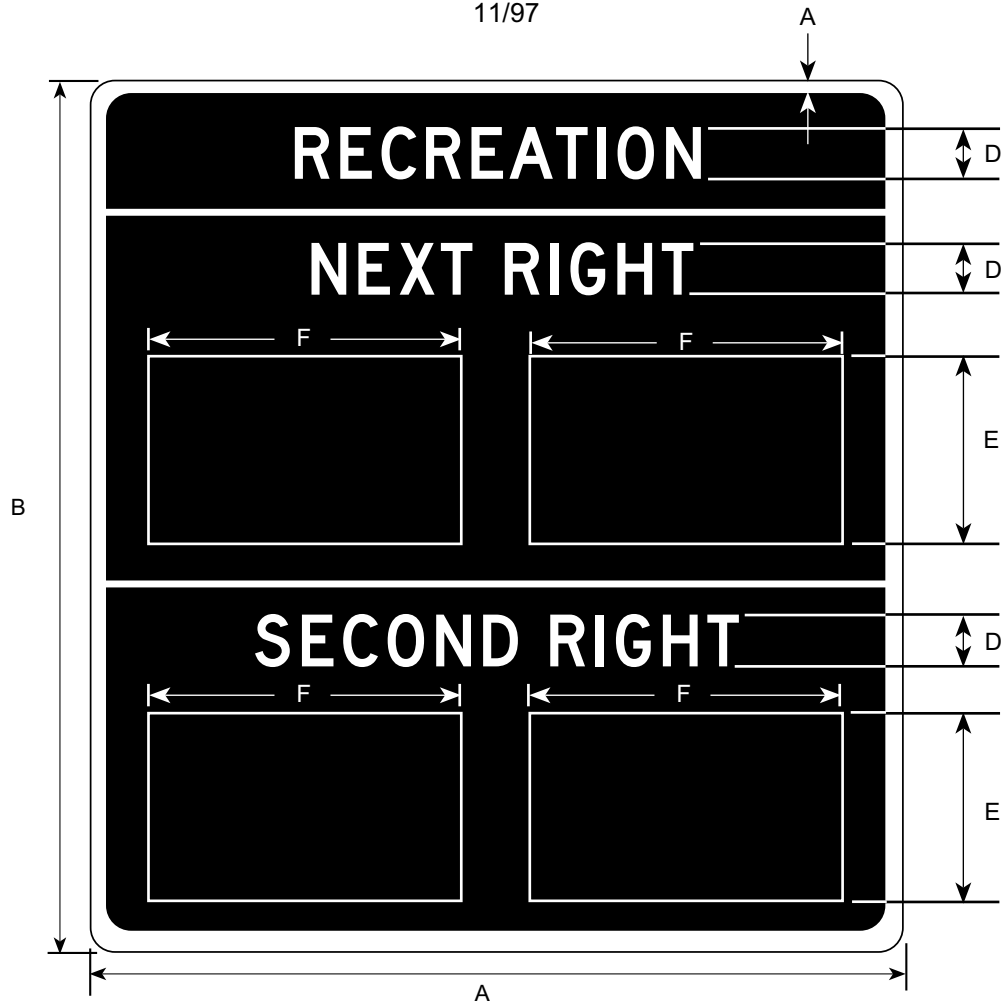
| DIMENSIONS (MILLIMETERS) |      |     |      |
|--------------------------|------|-----|------|
| A                        | B    | C   | D    |
| 38                       | 250D | 900 | 1500 |

| DIMENSIONS (INCHES) |     |    |    |
|---------------------|-----|----|----|
| A                   | B   | C  | D  |
| 1 1/2               | 10D | 36 | 60 |

RECREATION BACKGROUNDS SHALL BE BROWN REFLECTIVE SHEETING.  
LEGEND SHALL BE WHITE REFLECTIVE SHEETING.

# LG-M8

11/97



MINIMUM OF 3" BETWEEN BUSINESS SIGNS

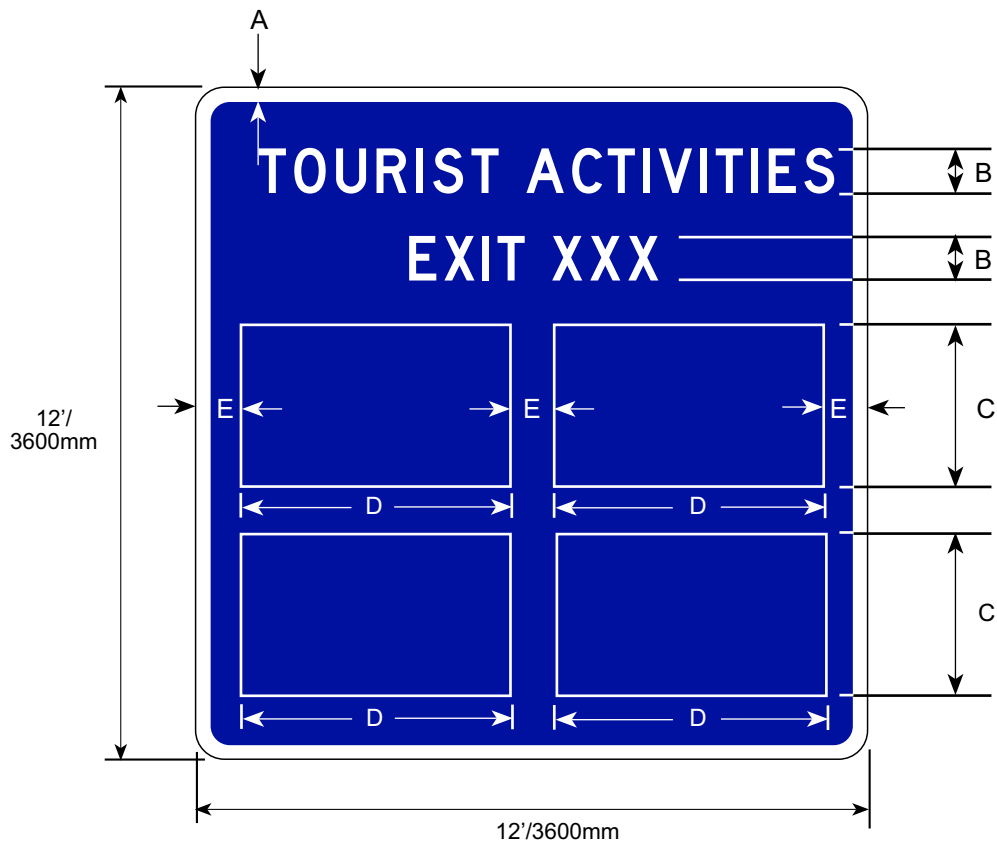
| DIMENSIONS (MILLIMETERS) |      |    |      |     |      |
|--------------------------|------|----|------|-----|------|
| A                        | B    | C  | D    | E   | F    |
| 3900                     | 4200 | 38 | 250D | 900 | 1500 |

| DIMENSIONS (INCHES) |     |       |     |    |    |
|---------------------|-----|-------|-----|----|----|
| A                   | B   | C     | D   | E  | F  |
| 156                 | 168 | 1 1/2 | 10D | 36 | 60 |

RECREATION BACKGROUNDS SHALL BE BROWN REFLECTIVE SHEETING.  
LEGEND SHALL BE WHITE REFLECTIVE SHEETING.

# LG-M9

506



FOR INTERCHANGES WITHOUT EXIT NUMBERS, USE "NEXT RIGHT"

| DIMENSIONS (MILLIMETERS) |      |     |      |     |
|--------------------------|------|-----|------|-----|
| A                        | B    | C   | D    | E   |
| 38                       | 250D | 900 | 1500 | 200 |

| DIMENSIONS (INCHES) |     |    |    |   |
|---------------------|-----|----|----|---|
| A                   | B   | C  | D  | E |
| 1 1/2               | 10D | 36 | 60 | 8 |

TYPICAL SIGN (TOURIST ACTIVITIES) LAYOUT FOR  
FREEWAY OR EXPRESSWAY MAINLINE

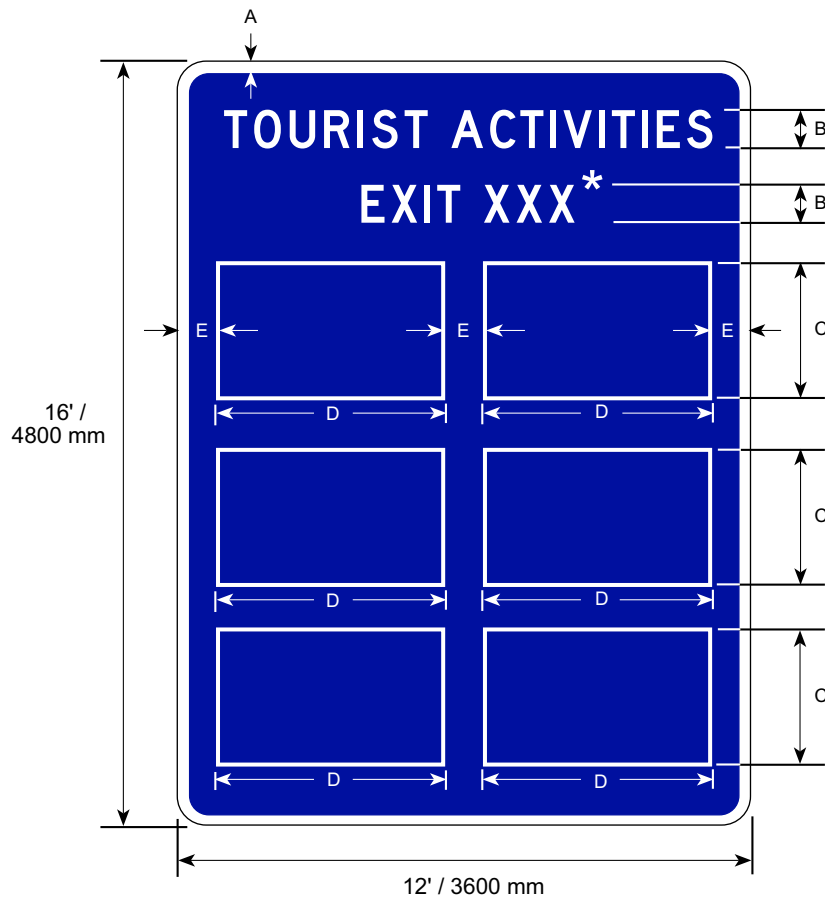
## COLORS

TOURIST ACTIVITIES BACKGROUNDS SHALL BE BLUE REFLECTIVE SHEETING  
LEGEND SHALL BE WHITE REFLECTIVE SHEETING.



# LG-M9A

5/06



\* FOR INTERCHANGES WITHOUT EXIT NUMBERS USE "NEXT RIGHT"

| DIMENSIONS (MILLIMETERS) |      |     |      |     |
|--------------------------|------|-----|------|-----|
| A                        | B    | C   | D    | E   |
| 38                       | 250D | 900 | 1500 | 200 |

| DIMENSIONS (INCHES) |     |    |    |   |
|---------------------|-----|----|----|---|
| A                   | B   | C  | D  | E |
| 1 1/2               | 10D | 36 | 60 | 8 |

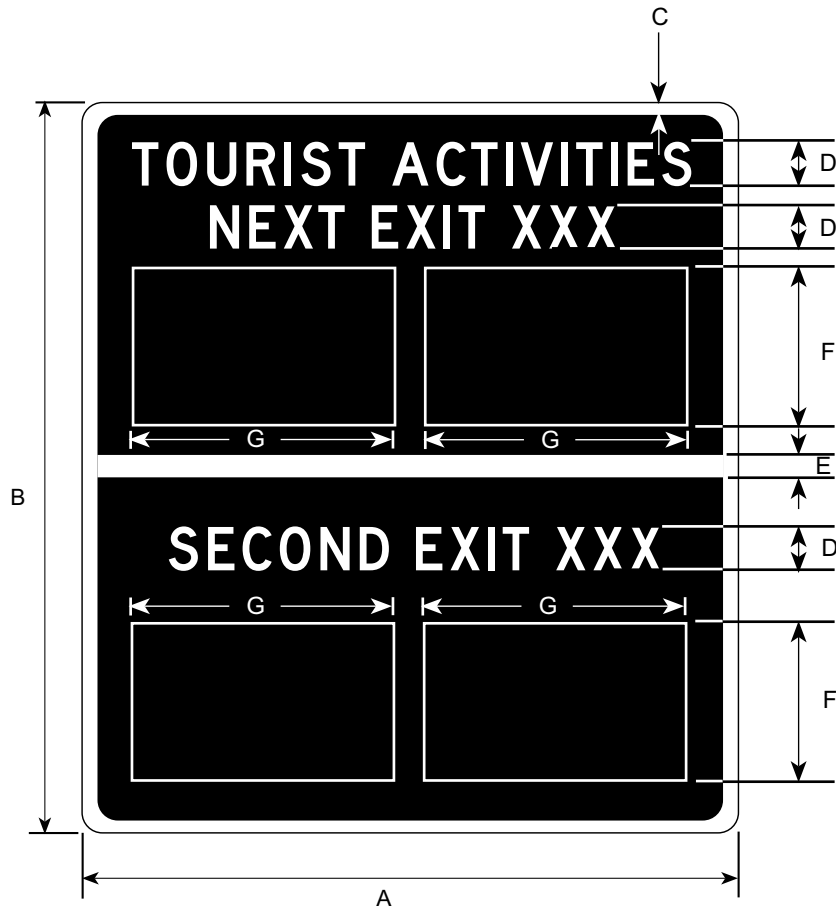
TYPICAL SIGN (TOURIST ACTIVITIES) LAYOUTS FOR  
FREEWAY OR EXPRESSWAY MAINLINE

## COLORS

FOOD BACKGROUNDS SHALL BE BLUE REFLECTIVE SHEETING  
LEGEND SHALL BE WHITE REFLECTIVE SHEETING

# LG-M10

11/97



MINIMUM OF 3" BETWEEN BUSINESS SIGNS

| DIMENSIONS (MILLIMETERS) |      |    |      |    |     |      |
|--------------------------|------|----|------|----|-----|------|
| A                        | B    | C  | D    | E  | F   | G    |
| 3900                     | 4200 | 38 | 250D | 50 | 900 | 1500 |

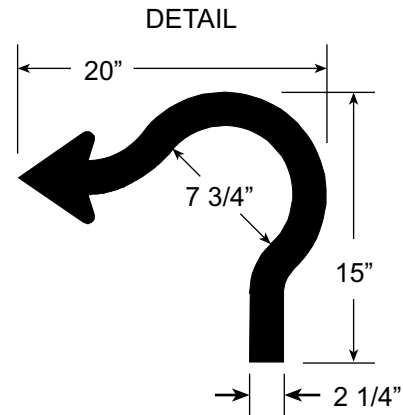
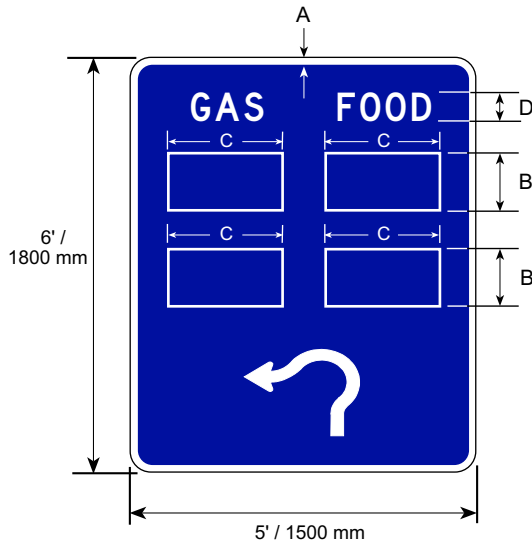
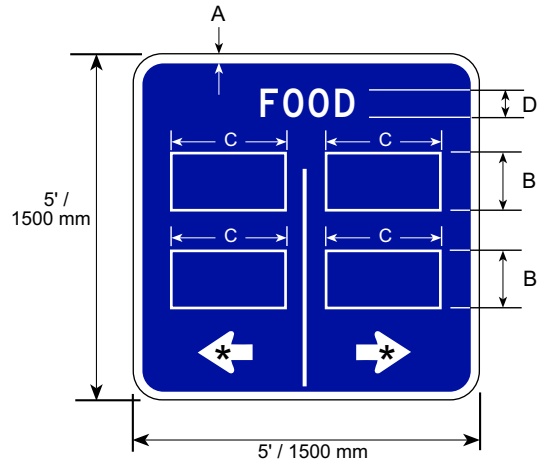
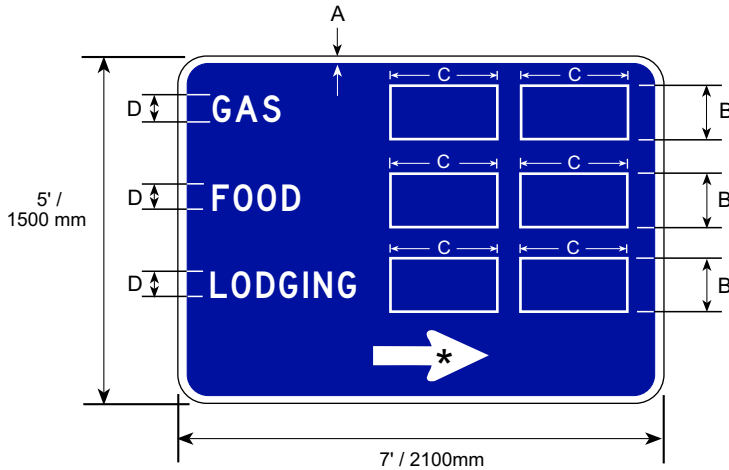
| DIMENSIONS (INCHES) |     |       |     |   |    |    |
|---------------------|-----|-------|-----|---|----|----|
| A                   | B   | C     | D   | E | F  | G  |
| 156                 | 168 | 1 1/2 | 10D | 2 | 36 | 60 |

TYPICAL SIGN (TOURIST ACTIVITIES) LAYOUT FOR FREEWAY AND EXPRESSWAY MAINLINE.

TOURIST ACTIVITIES BACKGROUNDS SHALL BE BLUE REFLECTIVE SHEETING. LEGEND SHALL BE WHITE REFLECTIVE SHEETING.

# LG-R1

5/06



MINIMUM OF 3" BETWEEN BUSINESS SIGNS

\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MM) |     |     |      |
|-----------------|-----|-----|------|
| A               | B   | C   | D    |
| 25              | 300 | 600 | 150D |

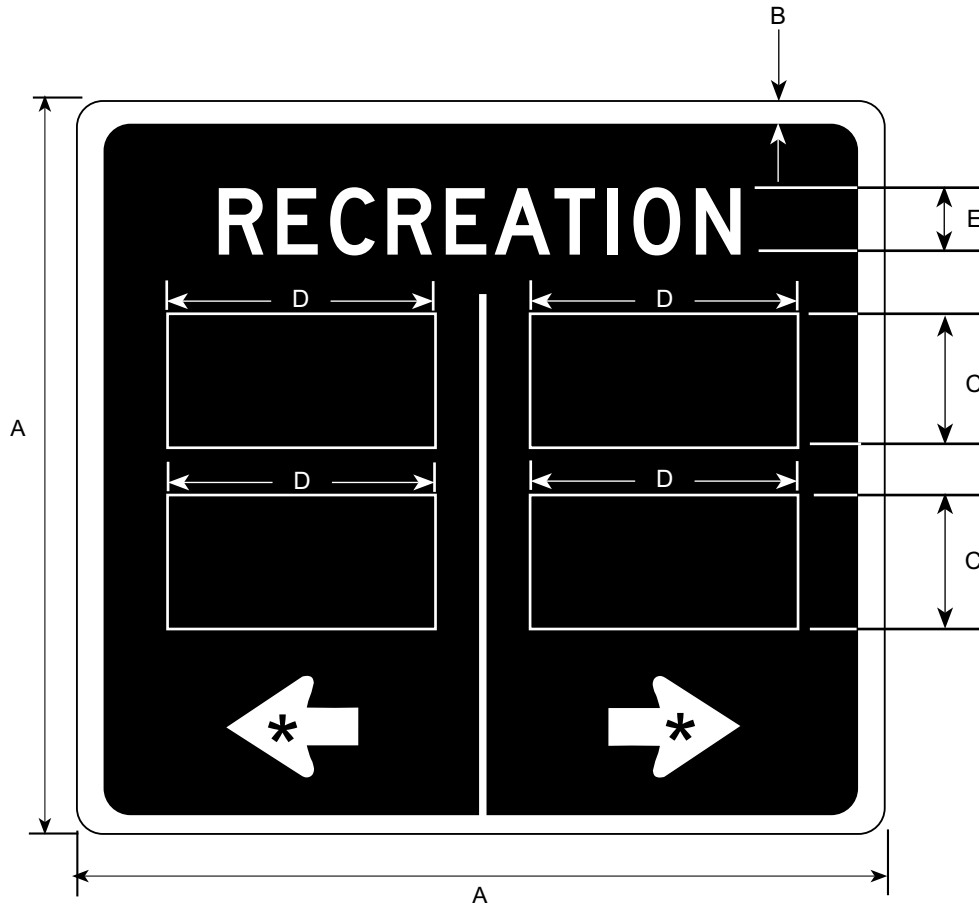
| DIMENSIONS (INCHES) |    |    |    |
|---------------------|----|----|----|
| A                   | B  | C  | D  |
| 1                   | 12 | 24 | 6D |

TYPICAL SIGN (GAS, FOOD, LODGING) LAYOUTS FOR FREEWAY AND EXPRESSWAY RAMPS

GAS, FOOD, AND LODGING BACKGROUNDS SHALL BE BLUE REFLECTIVE SHEETING  
LEGEND SHALL BE WHITE REFLECTIVE SHEETING

# LG-R2

2/98



MINIMUM OF 3" BETWEEN BUSINESS SIGNS

\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |    |     |     |      |
|--------------------------|----|-----|-----|------|
| A                        | B  | C   | D   | E    |
| 1500                     | 25 | 300 | 600 | 150D |

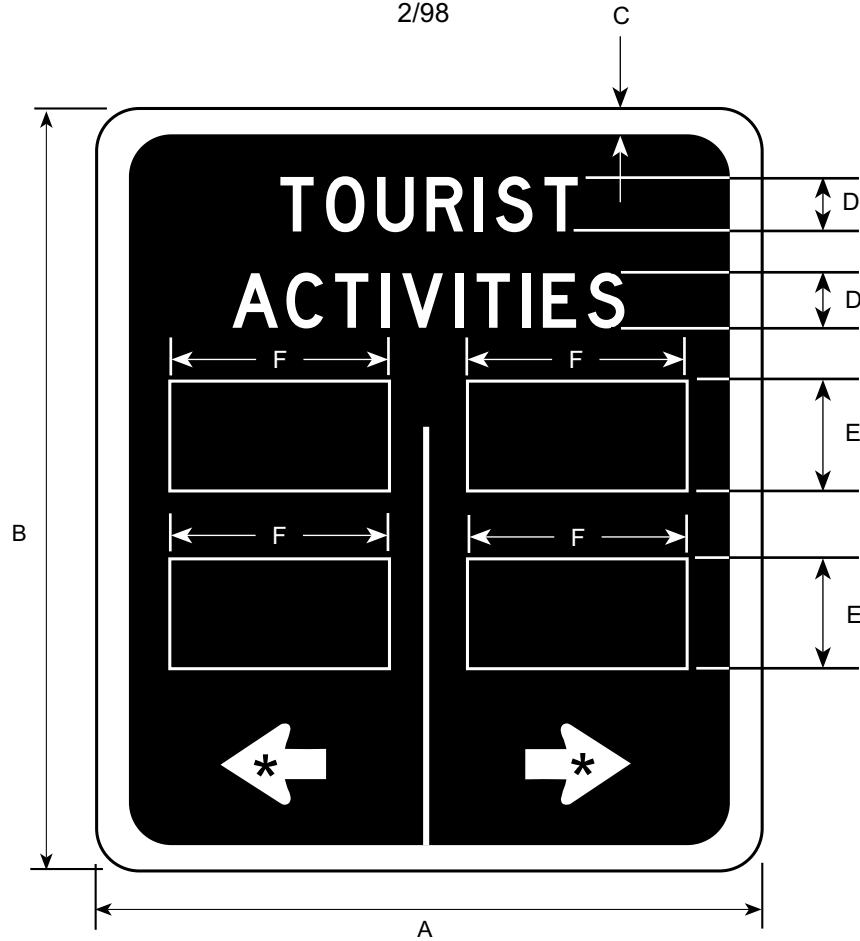
| DIMENSIONS (INCHES) |   |    |    |    |
|---------------------|---|----|----|----|
| A                   | B | C  | D  | E  |
| 60                  | 1 | 12 | 24 | 6D |

TYPICAL SIGN (RECREATION) LAYOUT FOR FREEWAY OR EXPRESSWAY RAMP

RECREATION BACKGROUND SHALL BE BROWN REFLECTIVE SHEETING.  
LEGEND SHALL BE WHITE REFLECTIVE SHEETING.

# LG-R3

2/98



MINIMUM OF 3" BETWEEN BUSINESS SIGNS

✱ SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |      |    |      |     |     |
|--------------------------|------|----|------|-----|-----|
| A                        | B    | C  | D    | E   | F   |
| 1500                     | 1800 | 25 | 150D | 300 | 600 |

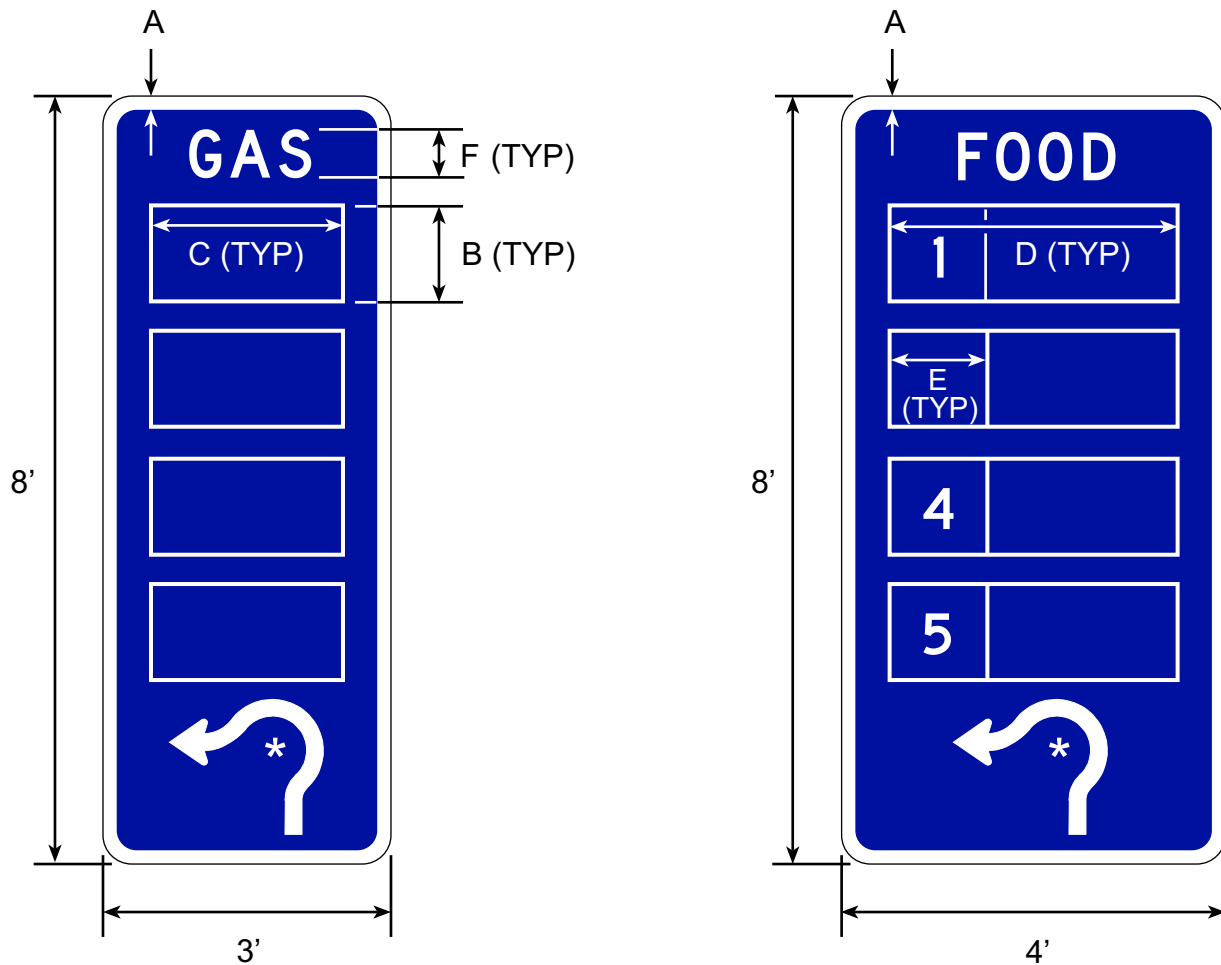
| DIMENSIONS (INCHES) |    |   |    |    |    |
|---------------------|----|---|----|----|----|
| A                   | B  | C | D  | E  | F  |
| 60                  | 72 | 1 | 6D | 12 | 24 |

TYPICAL SIGN (TOURIST ACTIVITIES) LAYOUT FOR FREEWAY OR EXPRESSWAY RAMPS

TOURIST ACTIVITIES BACKGROUND SHALL BE BLUE REFLECTIVE SHEETING. LEGEND SHALL BE WHITE REFLECTIVE SHEETING.

# LG-R4

5/06



★ SEE APPENDIX FOR STANDARD ARROW DETAILS  
SEE LG-R1 FOR ARROW DIMENSIONS

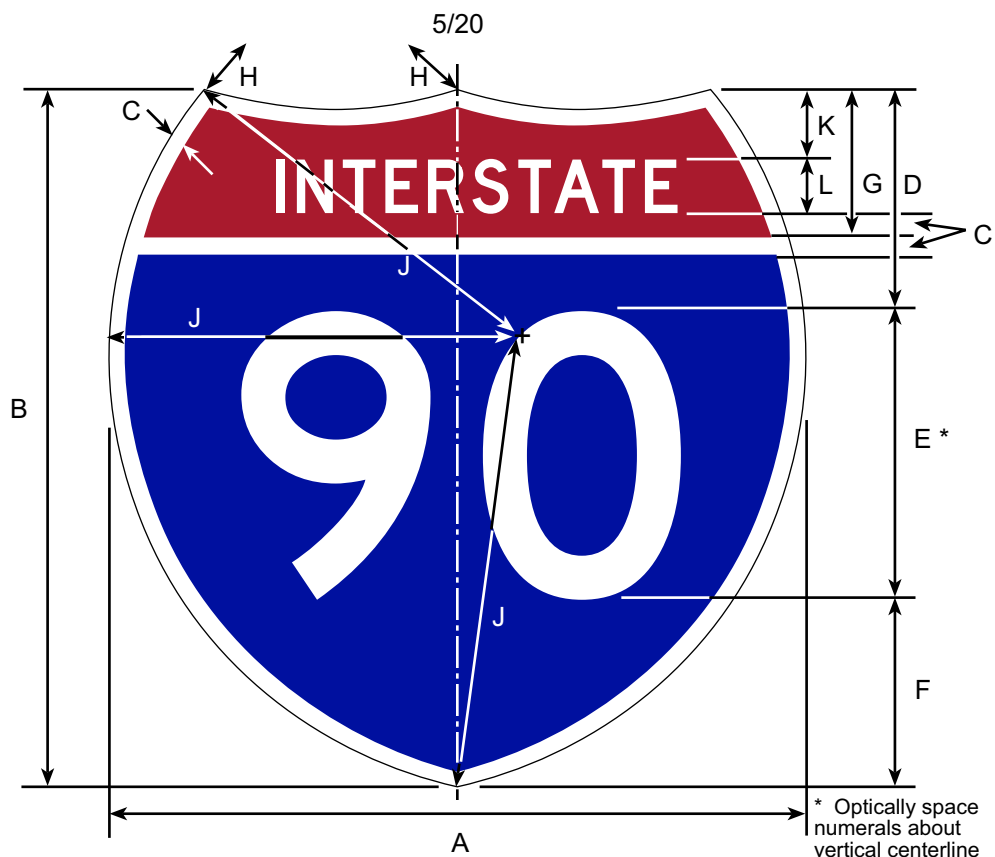
| DIMENSIONS (MILLIMETERS) |     |     |     |     |      |
|--------------------------|-----|-----|-----|-----|------|
| A                        | B   | C   | D   | E   | F    |
| 25                       | 300 | 600 | 900 | 300 | 150D |

| DIMENSIONS (INCHES) |    |    |    |    |    |
|---------------------|----|----|----|----|----|
| A                   | B  | C  | D  | E  | F  |
| 1                   | 12 | 24 | 36 | 12 | 6D |

TYPICAL SIGN (GAS, FOOD, LODGING) LAYOUTS FOR FREEWAY AND EXPRESSWAY  
RAMPS HAVING A ROUNDABOUT

GAS, FOOD, AND LODGING BACKGROUNDS SHALL BE BLUE REFLECTIVE SHEETING  
LEGEND SHALL BE WHITE REFLECTIVE SHEETING

# M1-1



INTERSTATE SHIELD FOR INDEPENDENT  
& GUIDE SIGN USE

| SIGN       | DIMENSIONS (INCHES) |    |     |        |     |       |       |        |        |   |        |
|------------|---------------------|----|-----|--------|-----|-------|-------|--------|--------|---|--------|
|            | A                   | B  | C   | D      | E   | F     | G     | H      | J      | K | L      |
| 1,2-Digits | 24                  | 24 | 1/2 | 7 5/8  | 10D | 6 3/8 | 5     | 15     | 15     | 2 | 2 1/2C |
| 1,2-Digits | 36                  | 36 | 3/4 | 11 1/2 | 15D | 9 1/2 | 7 1/2 | 22 1/2 | 22 1/2 | 3 | 3 3/4C |
| 1,2-Digits | 48                  | 48 | 1   | 16     | 20D | 12    | 10    | 30     | 30     | 4 | 5 C    |
| 3-Digits   | 30                  | 24 | 1/2 | 7 5/8  | 10C | 6 3/8 | 5     | 24     | 17     | 2 | 2 1/2C |
| 3-Digits   | 45                  | 36 | 3/4 | 11 1/2 | 15C | 9 1/2 | 7 1/2 | 36     | 25 1/2 | 3 | 3 3/4C |
| 3-Digits   | 60                  | 48 | 1   | 16     | 20C | 12    | 10    | 48     | 34     | 4 | 5C     |

## COLORS

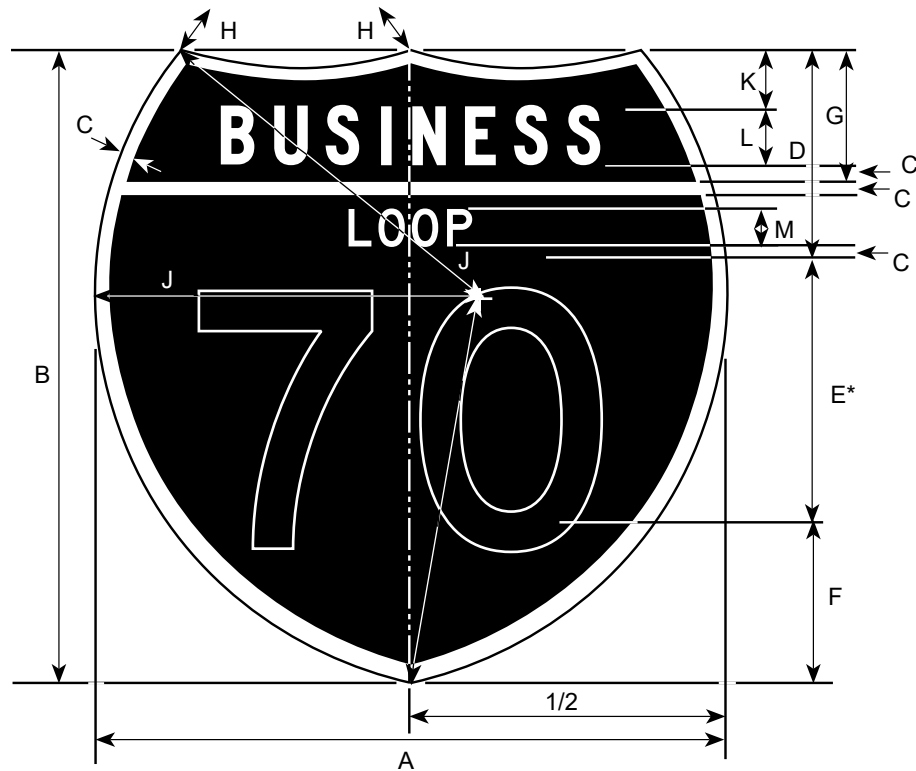
LEGEND & BORDER - WHITE (REFL)

TOP - RED (REFL)

BOTTOM - BLUE (REFL)

# M1-2

11/97



\*OPTICALLY SPACE NUMERALS ABOUT VERTICAL CENTERLINE

**OFF- INTERSTATE**

**BUSINESS LOOP MARKER**

| SIGN       | DIMENSIONS (MILLIMETERS) |      |     |     |      |     |     |      |     |     |      |     |
|------------|--------------------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|
|            | A                        | B    | C   | D   | E    | F   | G   | H    | J   | K   | L    | M   |
| 1,2 DIGITS | 600                      | 600  | 325 | 200 | 250D | 150 | 125 | 375  | 375 | 50  | 63C  | 38D |
| 1,2 DIGITS | 900                      | 900  | 475 | 300 | 375D | 225 | 188 | 563  | 563 | 75  | 94C  | 56D |
| 1,2 DIGITS | 1200                     | 1200 | 625 | 400 | 500D | 300 | 250 | 750  | 750 | 100 | 125C | 75D |
| 3 DIGITS   | 750                      | 600  | 325 | 200 | 250D | 150 | 125 | 600  | 425 | 50  | 63C  | 38D |
| 3 DIGITS   | 112                      | 900  | 475 | 300 | 375D | 225 | 188 | 900  | 638 | 75  | 94C  | 56D |
| 3 DIGITS   | 1500                     | 1200 | 625 | 400 | 500D | 300 | 250 | 1200 | 850 | 100 | 125C | 75D |

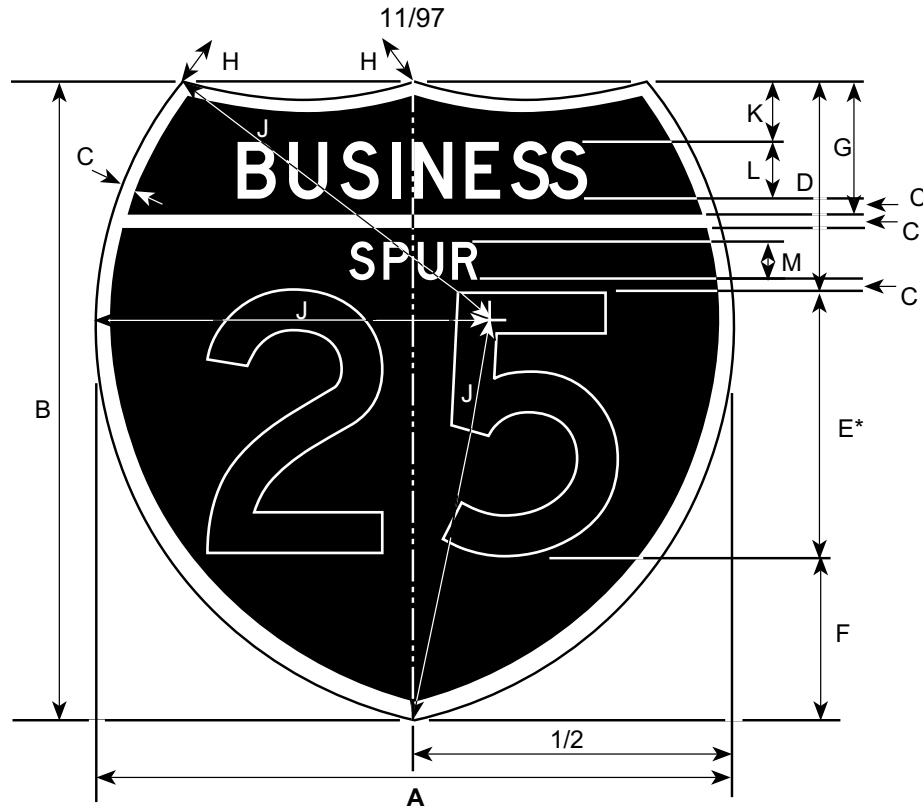
| SIGN       | DIMENSIONS (INCHES) |    |     |    |     |    |       |        |        |   |        |        |
|------------|---------------------|----|-----|----|-----|----|-------|--------|--------|---|--------|--------|
|            | A                   | B  | C   | D  | E   | F  | G     | H      | J      | K | L      | M      |
| 1,2 DIGITS | 24                  | 24 | 1/2 | 8  | 10D | 6  | 5     | 15     | 15     | 2 | 2 1/2C | 1 1/2D |
| 1,2 DIGITS | 36                  | 36 | 3/4 | 12 | 15D | 9  | 7 1/2 | 22 1/2 | 22 1/2 | 3 | 3 3/4C | 2 1/4D |
| 1,2 DIGITS | 48                  | 48 | 1   | 16 | 20D | 12 | 10    | 30     | 30     | 4 | 5C     | 3D     |
| 3 DIGITS   | 30                  | 24 | 1/2 | 8  | 10D | 6  | 5     | 24     | 17     | 2 | 2 1/2C | 1 1/2D |
| 3 DIGITS   | 45                  | 36 | 3/4 | 12 | 15D | 9  | 7 1/2 | 36     | 25 1/2 | 3 | 3 3/4C | 2 1/4D |
| 3 DIGITS   | 60                  | 48 | 1   | 16 | 20D | 12 | 10    | 48     | 34     | 4 | 5C     | 3D     |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - GREEN (REFL)



# M1-3



\*OPTICALLY SPACE NUMERALS ABOUT VERTICAL CENTERLINE

## OFF- INTERSTATE

## BUSINESS SPUR MARKER

| SIGN       | DIMENSIONS (MILLIMETERS) |      |     |     |      |     |     |      |     |     |      |     |
|------------|--------------------------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|
|            | A                        | B    | C   | D   | E    | F   | G   | H    | J   | K   | L    | M   |
| 1,2 DIGITS | 600                      | 600  | 325 | 200 | 250D | 150 | 125 | 375  | 375 | 50  | 63C  | 38D |
| 1,2 DIGITS | 900                      | 900  | 475 | 300 | 375D | 225 | 188 | 563  | 563 | 75  | 94C  | 56D |
| 1,2 DIGITS | 1200                     | 1200 | 625 | 400 | 500D | 300 | 250 | 750  | 750 | 100 | 125C | 75D |
| 3 DIGITS   | 750                      | 600  | 325 | 200 | 250D | 150 | 125 | 600  | 425 | 50  | 63C  | 38D |
| 3 DIGITS   | 112                      | 900  | 475 | 300 | 375D | 225 | 188 | 900  | 638 | 75  | 94C  | 56D |
| 3 DIGITS   | 1500                     | 1200 | 625 | 400 | 500D | 300 | 250 | 1200 | 850 | 100 | 125C | 75D |

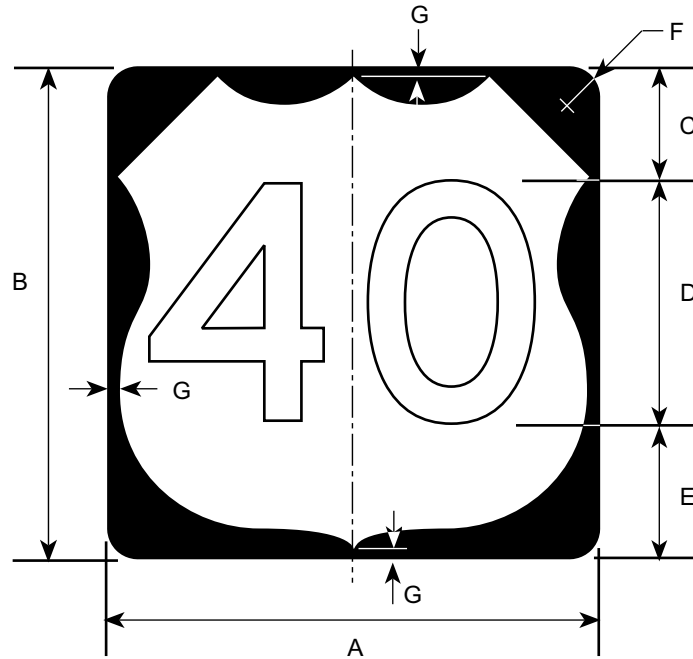
| SIGN       | DIMENSIONS (INCHES) |    |     |    |     |    |       |        |        |   |        |        |
|------------|---------------------|----|-----|----|-----|----|-------|--------|--------|---|--------|--------|
|            | A                   | B  | C   | D  | E   | F  | G     | H      | J      | K | L      | M      |
| 1,2 DIGITS | 24                  | 24 | 1/2 | 8  | 10D | 6  | 5     | 15     | 15     | 2 | 2 1/2C | 1 1/2D |
| 1,2 DIGITS | 36                  | 36 | 3/4 | 12 | 15D | 9  | 7 1/2 | 22 1/2 | 22 1/2 | 3 | 3 3/4C | 2 1/4D |
| 1,2 DIGITS | 48                  | 48 | 1   | 16 | 20D | 12 | 10    | 30     | 30     | 4 | 5C     | 3D     |
| 3 DIGITS   | 30                  | 24 | 1/2 | 8  | 10D | 6  | 5     | 24     | 17     | 2 | 2 1/2C | 1 1/2D |
| 3 DIGITS   | 45                  | 36 | 3/4 | 12 | 15D | 9  | 7 1/2 | 36     | 25 1/2 | 3 | 3 3/4C | 2 1/4D |
| 3 DIGITS   | 60                  | 48 | 1   | 16 | 20D | 12 | 10    | 48     | 34     | 4 | 5C     | 3D     |

## COLORS

LEGEND — WHITE (REFL)  
BACKGROUND - GREEN (REFL)

# M1-4

5/06



| SIGN      | DIMENSIONS (MILLIMETERS) |      |     |      |     |    |    |
|-----------|--------------------------|------|-----|------|-----|----|----|
|           | A                        | B    | C   | D    | E   | F  | G  |
| 1,2 DIGIT | 600                      | 600  | 138 | 300D | 163 | 13 | 38 |
| 1,2 DIGIT | 900                      | 900  | 206 | 450D | 244 | 19 | 56 |
| 1,2 DIGIT | 1200                     | 1200 | 275 | 600D | 325 | 25 | 75 |
| 3 DIGIT   | 750                      | 600  | 138 | 300D | 163 | 13 | 38 |
| 3 DIGIT   | 112                      | 900  | 206 | 450D | 244 | 19 | 56 |
| 3 DIGIT   | 1500                     | 1200 | 275 | 600D | 325 | 25 | 75 |

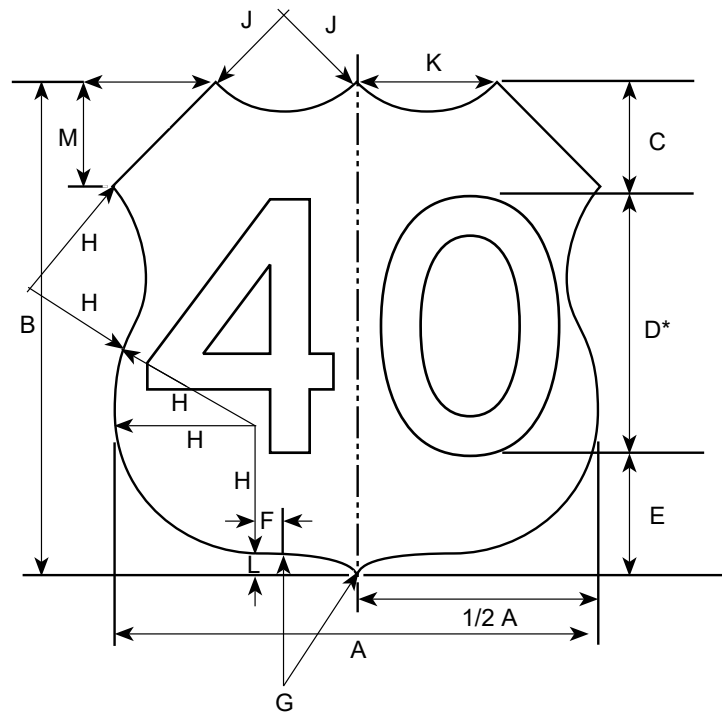
| SIGN      | DIMENSIONS (INCHES) |    |       |     |       |     |       |
|-----------|---------------------|----|-------|-----|-------|-----|-------|
|           | A                   | B  | C     | D   | E     | F   | G     |
| 1,2 DIGIT | 24                  | 24 | 5 1/2 | 12D | 6 1/2 | 1/2 | 1 1/2 |
| 1,2 DIGIT | 36                  | 36 | 8 1/4 | 18D | 9 3/4 | 3/4 | 2 1/4 |
| 1,2 DIGIT | 48                  | 48 | 11    | 24D | 13    | 1   | 3     |
| 3 DIGIT   | 30                  | 24 | 5 1/2 | 12D | 6 1/2 | 1/2 | 1 1/2 |
| 3 DIGIT   | 45                  | 36 | 8 1/4 | 18D | 9 3/4 | 3/4 | 2 1/4 |
| 3 DIGIT   | 60                  | 48 | 11    | 24D | 13    | 1   | 3     |

## COLORS

LEGEND & BACKGROUND— BLACK (NON-REFL)  
SHIELD— WHITE (REFL)

# M1-4A

11/97



## U.S. ROUTE MARKER FOR GUIDE SIGN USE

\*OPTICALLY SPACE NUMERALS ABOUT VERTICAL CENTERLINE

| SIGN       | DIMENSIONS (MILLIMETERS) |      |     |      |     |     |     |     |     |     |     |
|------------|--------------------------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|
|            | A                        | B    | C   | D    | E   | F   | G   | H   | J   | K   | L   |
| 1,2 DIGITS | 600                      | 600  | 138 | 300D | 163 | 25  | 125 | 175 | 125 | 175 | 50  |
| 1,2 DIGITS | 900                      | 900  | 206 | 450D | 244 | 38  | 188 | 263 | 188 | 263 | 75  |
| 1,2 DIGITS | 1200                     | 1200 | 275 | 600D | 325 | 50  | 250 | 350 | 250 | 350 | 100 |
| 3 DIGITS   | 750                      | 600  | 138 | 300D | 163 | 100 | 125 | 125 | 225 | 250 | 50  |
| 3 DIGITS   | 112                      | 900  | 206 | 450D | 244 | 138 | 188 | 263 | 338 | 375 | 75  |
| 3 DIGITS   | 1500                     | 1200 | 275 | 600D | 325 | 200 | 250 | 350 | 450 | 500 | 100 |

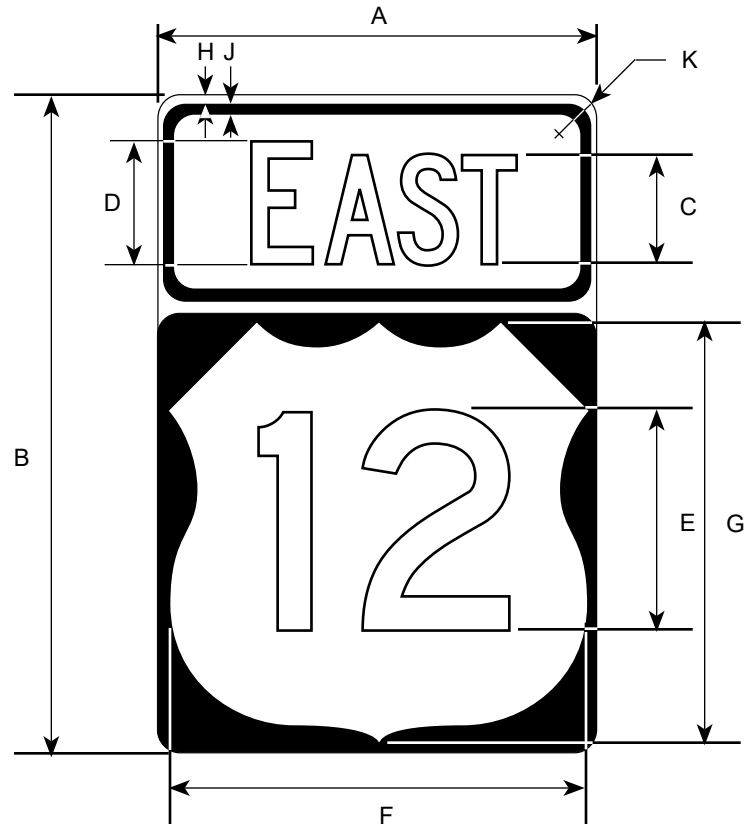
| SIGN       | DIMENSIONS (INCHES) |    |       |     |       |       |       |        |        |        |   |
|------------|---------------------|----|-------|-----|-------|-------|-------|--------|--------|--------|---|
|            | A                   | B  | C     | D   | E     | F     | G     | H      | J      | K      | L |
| 1,2 DIGITS | 24                  | 24 | 5 1/2 | 12D | 6 1/2 | 1     | 5     | 7      | 5      | 7      | 2 |
| 1,2 DIGITS | 36                  | 36 | 8 1/4 | 18D | 9 3/4 | 1 1/2 | 7 1/2 | 10 1/2 | 7 1/2  | 10 1/2 | 3 |
| 1,2 DIGITS | 48                  | 48 | 11    | 24D | 13    | 2     | 10    | 14     | 10     | 14     | 4 |
| 3 DIGITS   | 30                  | 24 | 5 1/2 | 12D | 6 1/2 | 4     | 5     | 7      | 9      | 10     | 2 |
| 3 DIGITS   | 45                  | 36 | 8 1/4 | 18D | 9 3/4 | 5 1/2 | 7 1/2 | 10 1/2 | 13 1/2 | 15     | 3 |
| 3 DIGITS   | 60                  | 48 | 11    | 24D | 13    | 8     | 10    | 14     | 18     | 20     | 4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# M1-401

11/03



| SIGN      | DIMENSIONS (MILLIMETERS) |      |      |      |      |      |     |   |    |    |
|-----------|--------------------------|------|------|------|------|------|-----|---|----|----|
|           | A                        | B    | C    | D    | E    | F    | G   | H | J  | K  |
| 1,2 DIGIT | 600                      | 900  | 150C | 200C | 300D | 575  | 575 | 9 | 16 | 38 |
| 1,2 DIGIT | 900                      | 1200 | 200C | 225C | 450D | 850  | 863 | 9 | 16 | 38 |
| 3 DIGIT   | 750                      | 900  | 150C | 200C | 300D | 725  | 575 | 9 | 16 | 38 |
| 3 DIGIT   | 1200                     | 1200 | 200C | 225C | 450D | 1075 | 863 | 9 | 16 | 38 |

| SIGN      | DIMENSIONS (INCHES) |    |    |    |     |    |        |     |     |       |
|-----------|---------------------|----|----|----|-----|----|--------|-----|-----|-------|
|           | A                   | B  | C  | D  | E   | F  | G      | H   | J   | K     |
| 1,2 DIGIT | 24                  | 36 | 6C | 8C | 12D | 23 | 23     | 3/8 | 5/8 | 1 1/2 |
| 1,2 DIGIT | 36                  | 48 | 8C | 9C | 18D | 34 | 34 1/2 | 3/8 | 5/8 | 1 1/2 |
| 3 DIGIT   | 30                  | 36 | 6C | 8C | 12D | 29 | 23     | 3/8 | 5/8 | 1 1/2 |
| 3 DIGIT   | 48                  | 48 | 8C | 9C | 18D | 43 | 34 1/2 | 3/8 | 5/8 | 1 1/2 |

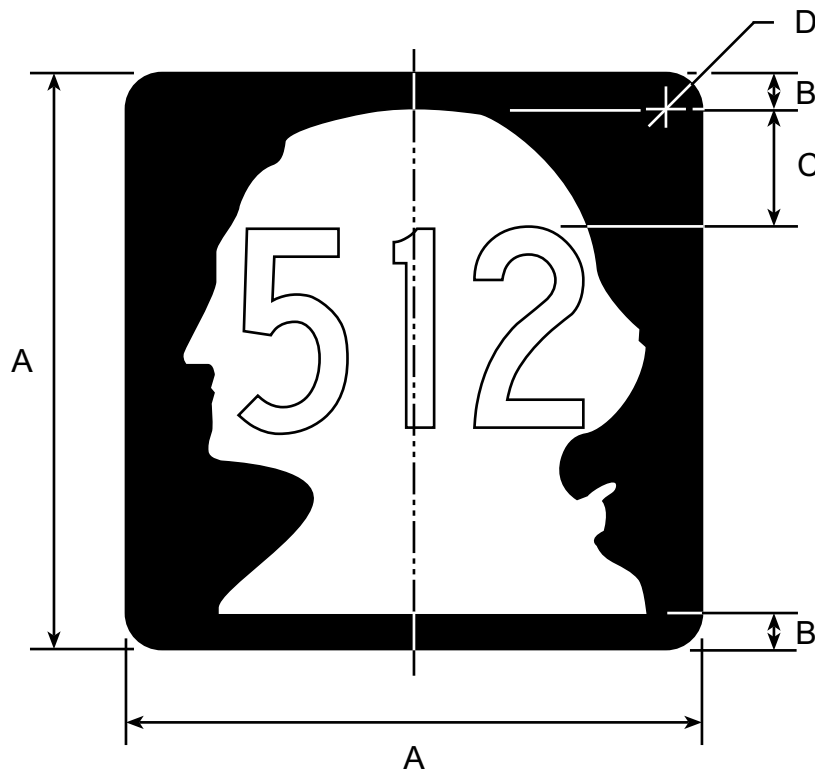
## COLORS

LEGEND & BACKGROUND - BLACK (NON-REFL)

SHIELD - WHITE (REFL)

# M1-601

5/06



INDEPENDENT (TRAILBLAZER) USE

| DIMENSIONS (MILLIMETERS) |    |     |    |             |                      |         |         |
|--------------------------|----|-----|----|-------------|----------------------|---------|---------|
| A                        | B  | C   | D  | SHIELD SIZE | NUMBER SIZE & SERIES |         |         |
|                          |    |     |    |             | 1 DIGIT              | 2 DIGIT | 3 DIGIT |
| 600                      | 25 | 150 | 38 | 500 x 550   | 325C                 | 250C    | 200C    |
| 900                      | 25 | 238 | 56 | 783 x 850   | 450C                 | 375C    | 300C    |

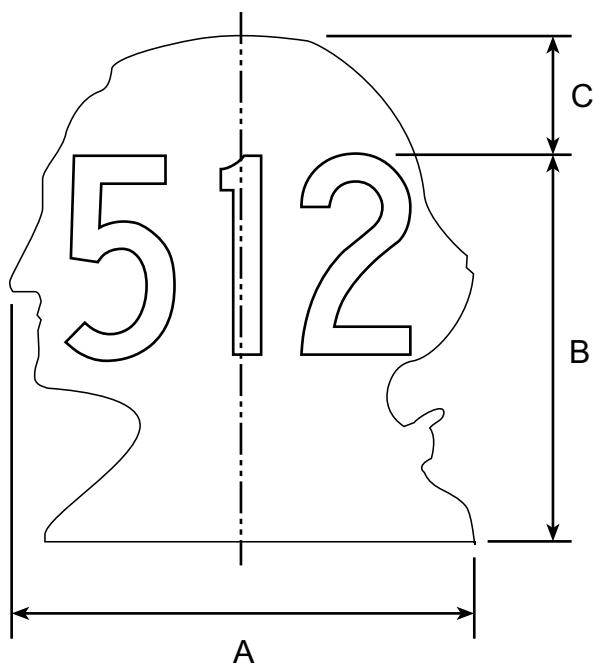
| DIMENSIONS (INCHES) |   |       |       |              |                      |         |         |
|---------------------|---|-------|-------|--------------|----------------------|---------|---------|
| A                   | B | C     | D     | SHIELD SIZE  | NUMBER SIZE & SERIES |         |         |
|                     |   |       |       |              | 1 DIGIT              | 2 DIGIT | 3 DIGIT |
| 24                  | 1 | 6     | 1 1/2 | 20 x 22      | 13C                  | 10C     | 8C      |
| 36                  | 1 | 9 1/2 | 2 1/4 | 31 5/16 x 34 | 18C                  | 15C     | 12C     |

## COLORS

SHIELD SYMBOL - WHITE (REFL)  
BACKGROUND & NUMBERS - BLACK (NON-REFL)

# M1-602

5/06



## GUIDE SIGN USE

| DIMENSIONS (MILLIMETERS) |     |     |                      |         |         |
|--------------------------|-----|-----|----------------------|---------|---------|
| A                        | B   | C   | NUMBER SIZE & SERIES |         |         |
|                          |     |     | 1 DIGIT              | 2 DIGIT | 3 DIGIT |
| 408                      | 450 | 125 | 250C                 | 200C    | 150C    |
| 544                      | 600 | 166 | 325C                 | 275C    | 200C    |
| 830                      | 900 | 250 | 500C                 | 400C    | 300C    |

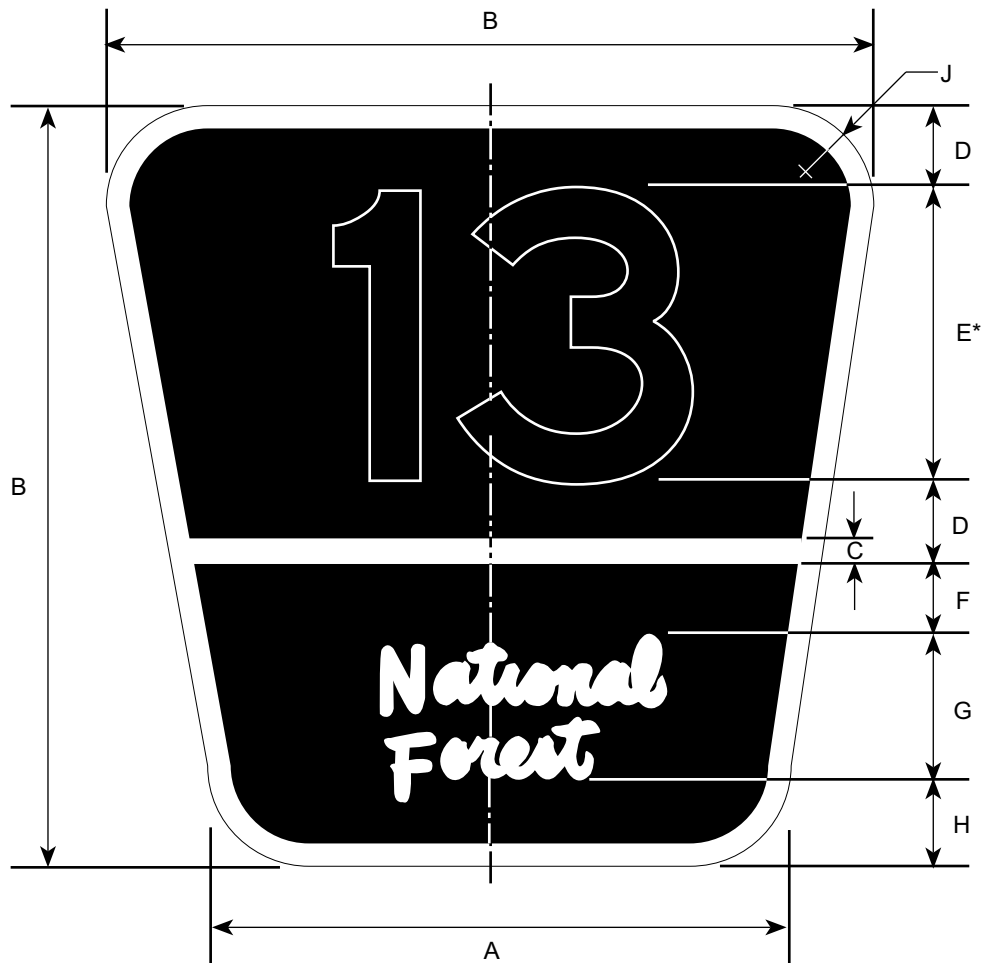
| DIMENSIONS (INCHES) |    |       |                      |         |         |
|---------------------|----|-------|----------------------|---------|---------|
| A                   | B  | C     | NUMBER SIZE & SERIES |         |         |
|                     |    |       | 1 DIGIT              | 2 DIGIT | 3 DIGIT |
| 16 5/16             | 18 | 5     | 10C                  | 8C      | 6C      |
| 21 3/4              | 24 | 6 5/8 | 13C                  | 11C     | 8C      |
| 33 3/16             | 36 | 10    | 20C                  | 16C     | 12C     |

## COLORS

SHIELD SYMBOL - WHITE REFL)  
NUMBERS - BLACK (NON-REFL)

# M1-7

6/00



\* OPTICALLY SPACE NUMERALS ABOUT VERTICAL CENTERLINE

| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |     |    |    |
|--------------------------|-----|----|----|------|----|-----|----|----|
| A                        | B   | C  | D  | E    | F  | G   | H  | J  |
| 319                      | 450 | 13 | 66 | 150D | 27 | 100 | 41 | 50 |
| 425                      | 600 | 13 | 88 | 200D | 43 | 125 | 56 | 63 |

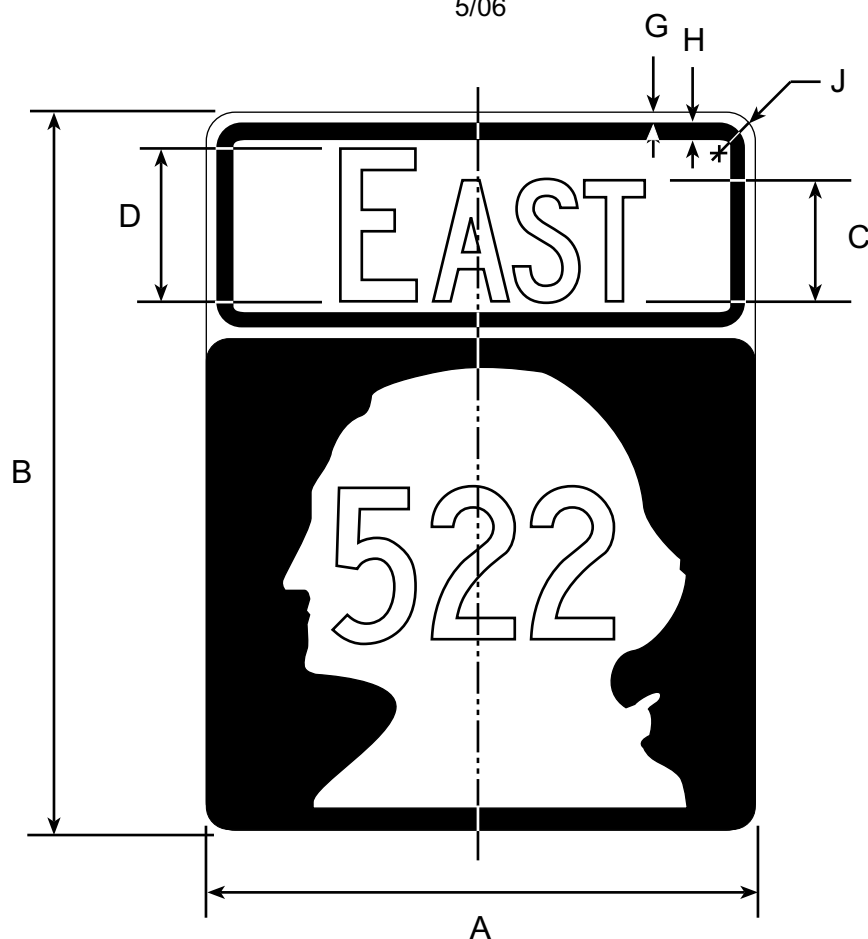
| DIMENSIONS (INCHES) |    |     |       |    |       |   |       |       |
|---------------------|----|-----|-------|----|-------|---|-------|-------|
| A                   | B  | C   | D     | E  | F     | G | H     | J     |
| 12 3/4              | 18 | 1/2 | 2 5/8 | 6D | 1 1/8 | 4 | 1 5/8 | 2     |
| 17                  | 24 | 1/2 | 3 1/2 | 8D | 1 3/4 | 5 | 2 1/4 | 2 1/2 |

## COLORS

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

# M1-701

5/06



DIMENSIONS (MILLIMETERS)

| A   | B    | C    | D    | NUMBER SIZE & SERIES |          |          | SHIELD SIZE | G | H  | J  |
|-----|------|------|------|----------------------|----------|----------|-------------|---|----|----|
|     |      |      |      | 1 DIGIT              | 2 DIGITS | 3 DIGITS |             |   |    |    |
| 600 | 900  | 150C | 200C | 325C                 | 250C     | 200C     | 500 X 550   | 9 | 16 | 38 |
| 900 | 1200 | 150C | 200C | 450C                 | 375C     | 300C     | 783 X 850   | 9 | 16 | 38 |

DIMENSIONS (INCHES)

| A  | B  | C  | D  | NUMBER SIZE & SERIES |          |          | SHIELD SIZE  | G   | H   | J     |
|----|----|----|----|----------------------|----------|----------|--------------|-----|-----|-------|
|    |    |    |    | 1 DIGIT              | 2 DIGITS | 3 DIGITS |              |     |     |       |
| 24 | 36 | 6C | 8C | 13C                  | 10C      | 8C       | 20 x 22      | 3/8 | 5/8 | 1 1/2 |
| 36 | 48 | 6C | 8C | 18C                  | 15C      | 12C      | 31 5/16 x 34 | 3/8 | 5/8 | 1 1/2 |

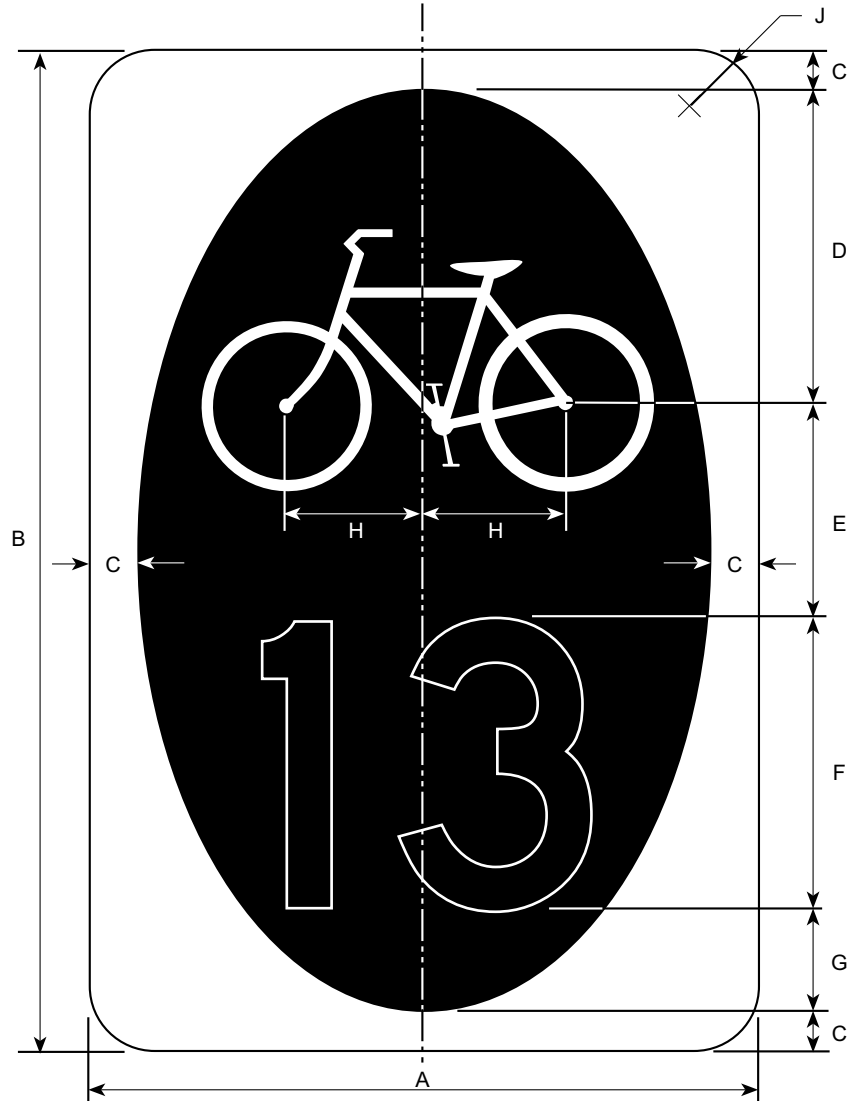
## COLORS

LEGEND & BACKGROUND— BLACK (NON-REFL)  
SHIELD— WHITE (REFL)



# M1-8

6/00



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |     |    |     |     |      |    |    |    |
|--------------------------|-----|----|-----|-----|------|----|----|----|
| A                        | B   | C  | D   | E   | F    | G  | H  | J  |
| 300                      | 450 | 25 | 131 | 100 | 125D | 44 | 59 | 38 |

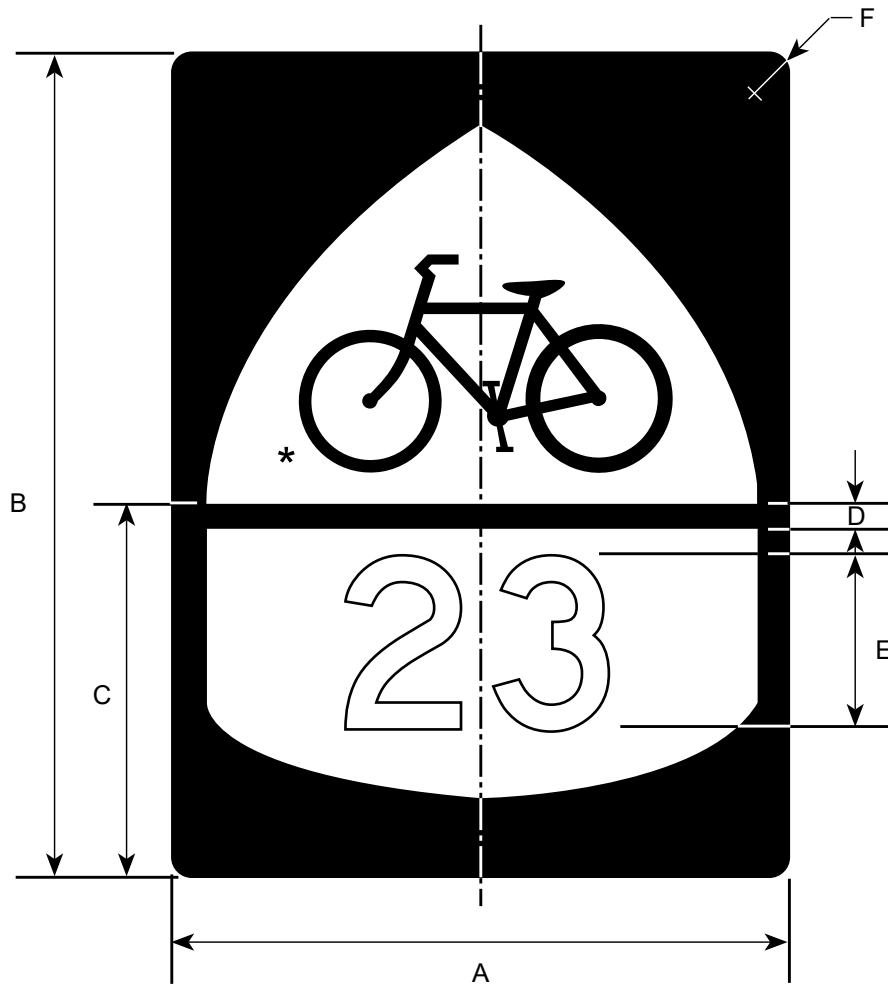
| DIMENSIONS (INCHES) |    |   |       |   |    |       |       |       |
|---------------------|----|---|-------|---|----|-------|-------|-------|
| A                   | B  | C | D     | E | F  | G     | H     | J     |
| 12                  | 18 | 1 | 5 1/4 | 4 | 5D | 1 3/4 | 2 3/8 | 1 1/2 |

## COLORS

LEGEND & SYMBOL -- WHITE (REFL.)  
 INNER BACKGROUND -- GREEN (REFL.)  
 OUTER BACKGROUND -- WHITE (REFL.)

# M1-9

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |     |       |      |      |      |
|--------------------------|-----|-------|------|------|------|
| A                        | B   | C     | D    | E    | F    |
| 450                      | 600 | 268.7 | 12.5 | 125D | 37.5 |

| DIMENSIONS (INCHES) |    |        |     |    |       |
|---------------------|----|--------|-----|----|-------|
| A                   | B  | C      | D   | E  | F     |
| 18                  | 24 | 10 3/4 | 1/2 | 5D | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)

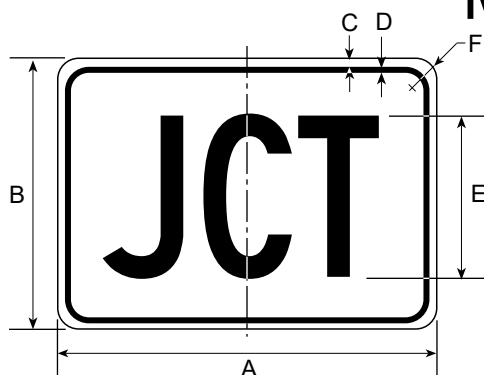
INNER BACKGROUND - WHITE (REFL)

OUTER BACKGROUND - BLACK (NON-REFL)

# M2-1 & M2-2

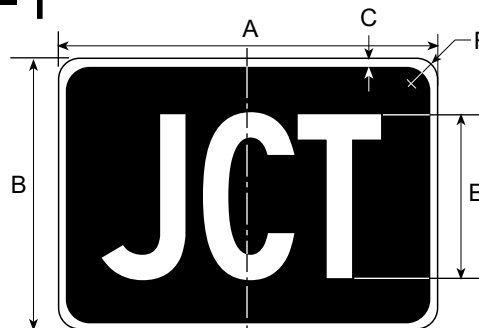
11/97

## M2-1



| DIMENSIONS (MILLIMETERS) |     |      |       |      |      |
|--------------------------|-----|------|-------|------|------|
| A                        | B   | C    | D     | E    | F    |
| 525                      | 375 | 9.37 | 15.62 | 225C | 37.5 |

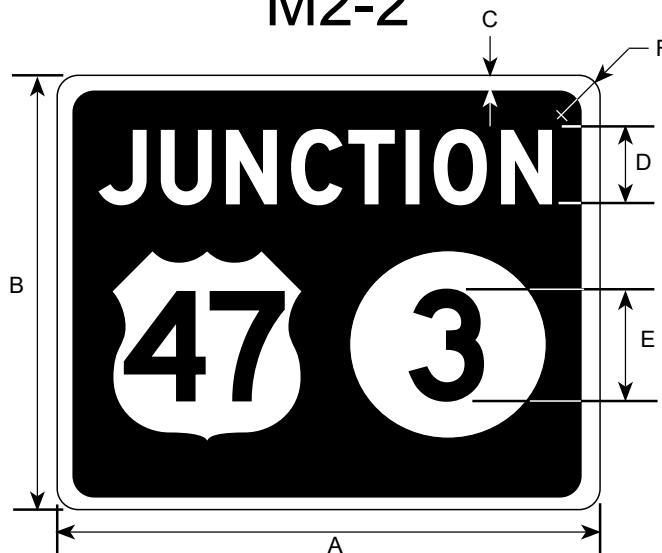
COLORS  
LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)



| INTERSTATE<br>DIMENSIONS (INCHES) |    |     |     |    |       |
|-----------------------------------|----|-----|-----|----|-------|
| A                                 | B  | C   | D   | E  | F     |
| 21                                | 15 | 3/8 | 5/8 | 9C | 1 1/2 |

COLORS  
LEGEND - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

## M2-2



\* USE STANDARD SHIELD DESIGNS  
\* INCREASE WIDTH WHERE MORE THAN TWO SHIELDS ARE USED

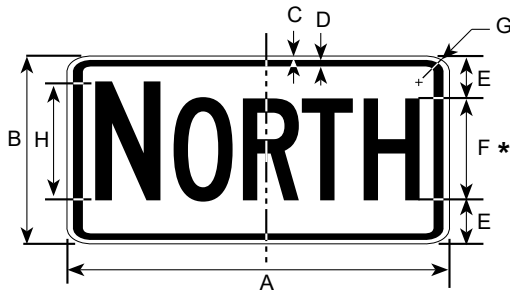
| DIMENSIONS |      |       |      |      |    |
|------------|------|-------|------|------|----|
| A          | B    | C     | D    | E    | F  |
| 1500       | 1200 | 18.75 | 200D | 300C | 75 |

| DIMENSIONS |    |     |    |     |   |
|------------|----|-----|----|-----|---|
| A          | B  | C   | D  | E   | F |
| 60         | 48 | 3/4 | 8D | 12D | 3 |

COLORS  
BORDER AND SHIELD - WHITE (REFL)  
LEGEND - LINE 1-WHITE (REFL) LINE 2-BLACK (NON-REFL)  
BACKGROUND - BLACK (NON-REFL) OR GREEN

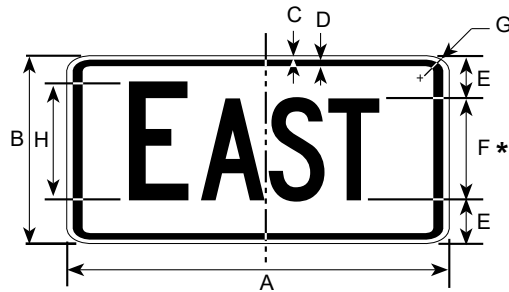
# M3-1

03/03



# M3-2

03/03



\* Reduce Spacing 20% for 24" width sign and 50% for 30" width sign

| DIMENSIONS (MILLIMETERS) |     |   |    |    |      |    |      |
|--------------------------|-----|---|----|----|------|----|------|
| A                        | B   | C | D  | E  | F    | G  | H    |
| 600                      | 300 | 9 | 16 | 75 | 150C | 38 | 175C |
| 750                      | 375 | 9 | 16 | 88 | 200C | 38 | 225C |

| DIMENSIONS (MILLIMETERS) |     |   |    |    |      |    |      |
|--------------------------|-----|---|----|----|------|----|------|
| A                        | B   | C | D  | E  | F    | G  | H    |
| 600                      | 300 | 9 | 16 | 75 | 150C | 38 | 175C |
| 750                      | 375 | 9 | 16 | 88 | 200C | 38 | 225C |

| DIMENSIONS (INCHES) |    |     |     |       |    |       |    |
|---------------------|----|-----|-----|-------|----|-------|----|
| A                   | B  | C   | D   | E     | F  | G     | H  |
| 24                  | 12 | 3/8 | 5/8 | 3     | 6C | 1 1/2 | 7C |
| 30                  | 15 | 3/8 | 5/8 | 3 1/2 | 8C | 1 1/2 | 9C |

| DIMENSIONS (INCHES) |    |     |     |       |    |       |    |
|---------------------|----|-----|-----|-------|----|-------|----|
| A                   | B  | C   | D   | E     | F  | G     | H  |
| 24                  | 12 | 3/8 | 5/8 | 3     | 6C | 1 1/2 | 7C |
| 30                  | 15 | 3/8 | 5/8 | 3 1/2 | 8C | 1 1/2 | 9C |

## COLORS

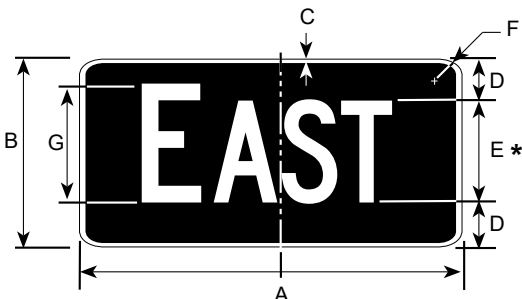
LEGEND - BLACK ( REFL.)  
BACKGROUND - WHITE (REFL.)

# M3-1B



(INTERSTATE)

# M3-2B



(INTERSTATE)

USE 30" X 15" SIZE WITH 30" X 24" SHIELD OR WITH 36" X 36" SHIELD

\* Reduce Spacing 20% for 24" width sign and 50% for 30" width sign

| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |      |
|--------------------------|-----|----|----|------|----|------|
| A                        | B   | C  | D  | E    | F  | G    |
| 600                      | 300 | 13 | 75 | 150C | 38 | 175C |
| 750                      | 375 | 13 | 88 | 200C | 38 | 225C |

| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |      |
|--------------------------|-----|----|----|------|----|------|
| A                        | B   | C  | D  | E    | F  | G    |
| 600                      | 300 | 13 | 75 | 150C | 38 | 175C |
| 750                      | 375 | 13 | 88 | 200C | 38 | 225C |

| DIMENSIONS (INCHES) |    |     |       |    |       |    |
|---------------------|----|-----|-------|----|-------|----|
| A                   | B  | C   | D     | E  | F     | G  |
| 24                  | 12 | 1/2 | 3     | 6C | 1 1/2 | 7C |
| 30                  | 15 | 1/2 | 3 1/2 | 8C | 1 1/2 | 9C |

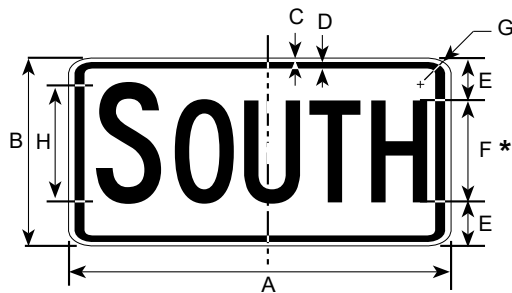
| DIMENSIONS (INCHES) |    |     |       |    |       |    |
|---------------------|----|-----|-------|----|-------|----|
| A                   | B  | C   | D     | E  | F     | G  |
| 24                  | 12 | 1/2 | 3     | 6C | 1 1/2 | 7C |
| 30                  | 15 | 1/2 | 3 1/2 | 8C | 1 1/2 | 9C |

## COLORS

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

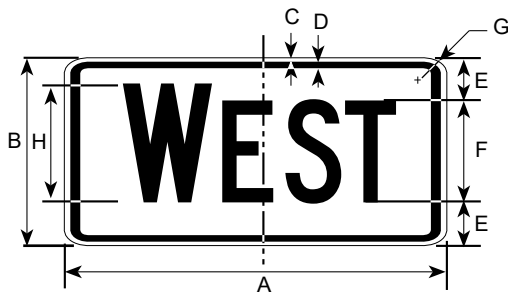
## M3-3

6/03



## M3-4

6/03



\* Reduce Spacing 20% for 24" width sign and 50% for 30" width sign

| DIMENSIONS (MILLIMETERS) |     |   |    |    |      |    |      |
|--------------------------|-----|---|----|----|------|----|------|
| A                        | B   | C | D  | E  | F    | G  | H    |
| 600                      | 300 | 9 | 16 | 75 | 150C | 38 | 175C |
| 750                      | 375 | 9 | 16 | 88 | 200C | 38 | 225C |

| DIMENSIONS (MILLIMETERS) |     |   |    |    |      |    |      |
|--------------------------|-----|---|----|----|------|----|------|
| A                        | B   | C | D  | E  | F    | G  | H    |
| 600                      | 300 | 9 | 16 | 75 | 150C | 38 | 175C |
| 750                      | 375 | 9 | 16 | 88 | 200C | 38 | 225C |

| DIMENSIONS (INCHES) |    |     |     |       |    |       |    |
|---------------------|----|-----|-----|-------|----|-------|----|
| A                   | B  | C   | D   | E     | F  | G     | H  |
| 24                  | 12 | 3/8 | 5/8 | 3     | 6C | 1 1/2 | 7C |
| 30                  | 15 | 3/8 | 5/8 | 3 1/2 | 8C | 1 1/2 | 9C |

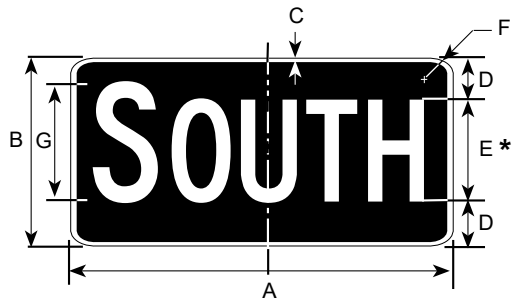
| DIMENSIONS (INCHES) |    |     |     |       |    |       |    |
|---------------------|----|-----|-----|-------|----|-------|----|
| A                   | B  | C   | D   | E     | F  | G     | H  |
| 24                  | 12 | 3/8 | 5/8 | 3     | 6C | 1 1/2 | 7C |
| 30                  | 15 | 3/8 | 5/8 | 3 1/2 | 8C | 1 1/2 | 9C |

### COLORS

LEGEND - BLACK ( REFL.)

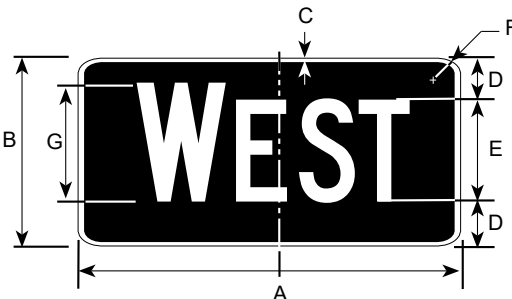
BACKGROUND - WHITE (REFL.)

## M3-3B



(INTERSTATE)

## M3-4B



(INTERSTATE)

USE 30" X 15" SIZE WITH 30" X 24" SHIELD OR WITH 36" X 36" SHIELD

\* Reduce Spacing 20% for 24" width sign and 50% for 30" width sign

| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |      |
|--------------------------|-----|----|----|------|----|------|
| A                        | B   | C  | D  | E    | F  | G    |
| 600                      | 300 | 13 | 75 | 150C | 38 | 175C |
| 750                      | 375 | 13 | 88 | 200C | 38 | 225C |

| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |      |
|--------------------------|-----|----|----|------|----|------|
| A                        | B   | C  | D  | E    | F  | G    |
| 600                      | 300 | 13 | 75 | 150C | 38 | 175C |
| 750                      | 375 | 13 | 88 | 200C | 38 | 225C |

| DIMENSIONS (INCHES) |    |     |       |    |       |    |
|---------------------|----|-----|-------|----|-------|----|
| A                   | B  | C   | D     | E  | F     | G  |
| 24                  | 12 | 1/2 | 3     | 6C | 1 1/2 | 7C |
| 30                  | 15 | 1/2 | 3 1/2 | 8C | 1 1/2 | 9C |

| DIMENSIONS (INCHES) |    |     |       |    |       |    |
|---------------------|----|-----|-------|----|-------|----|
| A                   | B  | C   | D     | E  | F     | G  |
| 24                  | 12 | 1/2 | 3     | 6C | 1 1/2 | 7C |
| 30                  | 15 | 1/2 | 3 1/2 | 8C | 1 1/2 | 9C |

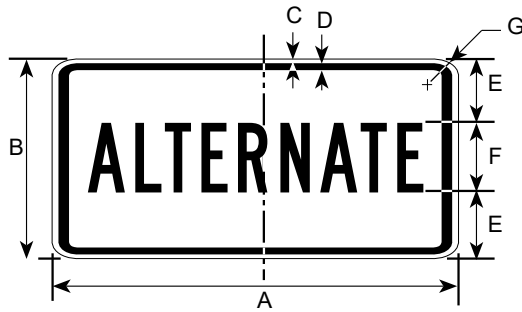
### COLORS

LEGEND - WHITE ( REFL.)

BACKGROUND - BLUE (REFL.)

## M4-1

11/97

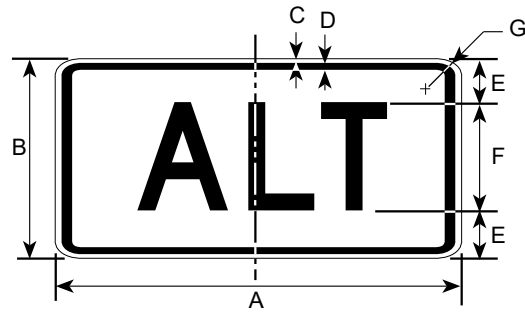


| DIMENSIONS (MILLIMETERS) |     |   |    |     |      |    |
|--------------------------|-----|---|----|-----|------|----|
| A                        | B   | C | D  | E   | F    | G  |
| 600                      | 300 | 9 | 16 | 100 | 100B | 38 |
| 750                      | 375 | 9 | 16 | 11  | 150B | 38 |

| DIMENSIONS (INCHES) |    |     |     |       |    |       |
|---------------------|----|-----|-----|-------|----|-------|
| A                   | B  | C   | D   | E     | F  | G     |
| 24                  | 12 | 3/8 | 5/8 | 4     | 4B | 1 1/2 |
| 30                  | 15 | 3/8 | 5/8 | 4 1/2 | 6B | 1 1/2 |

## M4-101

5/97

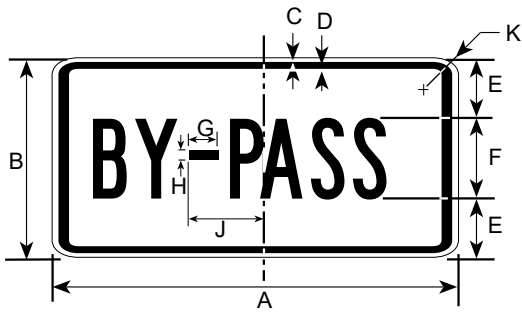


| DIMENSIONS (MILLIMETERS) |     |   |    |    |      |    |
|--------------------------|-----|---|----|----|------|----|
| A                        | B   | C | D  | E  | F    | G  |
| 600                      | 300 | 9 | 16 | 75 | 150C | 38 |
| 750                      | 375 | 9 | 16 | 88 | 200C | 38 |

| DIMENSIONS (INCHES) |    |     |     |       |    |       |
|---------------------|----|-----|-----|-------|----|-------|
| A                   | B  | C   | D   | E     | F  | G     |
| 24                  | 12 | 3/8 | 5/8 | 3     | 6C | 1 1/2 |
| 30                  | 15 | 3/8 | 5/8 | 3 1/2 | 8C | 1 1/2 |

## M4-2

11/97

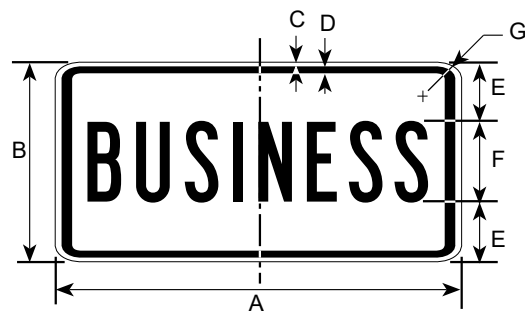


| DIMENSIONS (MILLIMETERS) |     |   |    |     |      |    |    |    |    |
|--------------------------|-----|---|----|-----|------|----|----|----|----|
| A                        | B   | C | D  | E   | F    | G  | H  | J  | K  |
| 600                      | 300 | 9 | 16 | 88  | 125B | 19 | 16 | 84 | 38 |
| 750                      | 375 | 9 | 16 | 100 | 175B | 25 | 22 | 97 | 38 |

| DIMENSIONS (INCHES) |    |     |     |       |    |     |     |       |       |
|---------------------|----|-----|-----|-------|----|-----|-----|-------|-------|
| A                   | B  | C   | D   | E     | F  | G   | H   | J     | K     |
| 24                  | 12 | 3/8 | 5/8 | 3 1/2 | 5B | 3/4 | 5/8 | 3 3/8 | 1 1/2 |
| 30                  | 15 | 3/8 | 5/8 | 4     | 7B | 1   | 7/8 | 3 7/8 | 1 1/2 |

## M4-3

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |    |      |    |
|--------------------------|-----|---|----|----|------|----|
| A                        | B   | C | D  | E  | F    | G  |
| 600                      | 300 | 9 | 16 | 75 | 150C | 38 |
| 750                      | 375 | 9 | 16 | 88 | 200C | 38 |

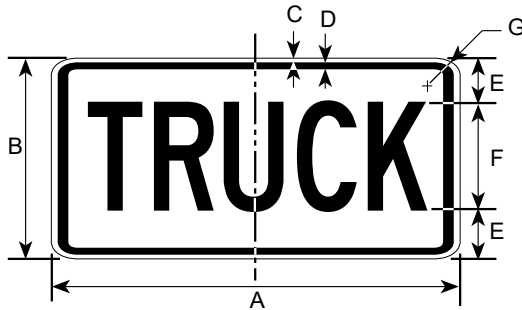
| DIMENSIONS (INCHES) |    |     |     |       |    |       |
|---------------------|----|-----|-----|-------|----|-------|
| A                   | B  | C   | D   | E     | F  | G     |
| 24                  | 12 | 3/8 | 5/8 | 3 1/2 | 5B | 1 1/2 |
| 30                  | 15 | 3/8 | 5/8 | 4     | 7B | 1 1/2 |

### COLORS

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

## M4-4

11/97

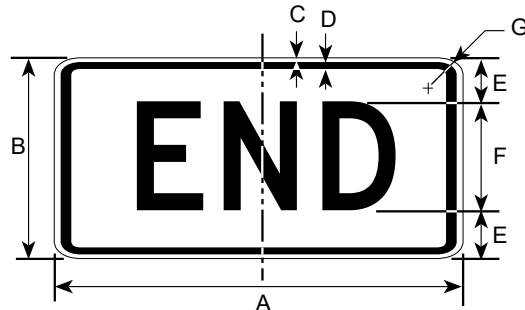


| DIMENSIONS (MILLIMETERS) |     |   |    |    |      |    |
|--------------------------|-----|---|----|----|------|----|
| A                        | B   | C | D  | E  | F    | G  |
| 600                      | 300 | 9 | 16 | 75 | 150C | 38 |
| 750                      | 375 | 9 | 16 | 88 | 200C | 38 |

| DIMENSIONS (INCHES) |    |     |     |       |    |       |
|---------------------|----|-----|-----|-------|----|-------|
| A                   | B  | C   | D   | E     | F  | G     |
| 24                  | 12 | 3/8 | 5/8 | 3     | 6C | 1 1/2 |
| 30                  | 15 | 3/8 | 5/8 | 3 1/2 | 8C | 1 1/2 |

## M4-6

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |    |      |    |
|--------------------------|-----|---|----|----|------|----|
| A                        | B   | C | D  | E  | F    | G  |
| 600                      | 300 | 9 | 16 | 75 | 150D | 38 |
| 750                      | 375 | 9 | 16 | 88 | 200D | 38 |

| DIMENSIONS (INCHES) |    |     |     |       |    |       |
|---------------------|----|-----|-----|-------|----|-------|
| A                   | B  | C   | D   | E     | F  | G     |
| 24                  | 12 | 3/8 | 5/8 | 3     | 6D | 1 1/2 |
| 30                  | 15 | 3/8 | 5/8 | 3 1/2 | 8D | 1 1/2 |

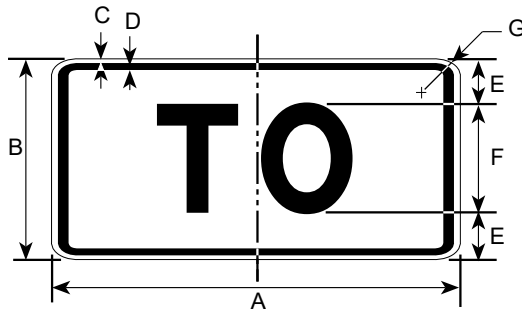
### COLORS

LEGEND - BLACK ( NON-REFL.)

BACKGROUND - WHITE (REFL.)

## M4-5

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |    |      |    |
|--------------------------|-----|---|----|----|------|----|
| A                        | B   | C | D  | E  | F    | G  |
| 600                      | 300 | 9 | 16 | 75 | 150E | 38 |
| 750                      | 375 | 9 | 16 | 88 | 200E | 38 |

| DIMENSIONS (INCHES) |    |     |     |       |    |       |
|---------------------|----|-----|-----|-------|----|-------|
| A                   | B  | C   | D   | E     | F  | G     |
| 24                  | 12 | 3/8 | 5/8 | 3     | 6E | 1 1/2 |
| 30                  | 15 | 3/8 | 5/8 | 3 1/2 | 8E | 1 1/2 |

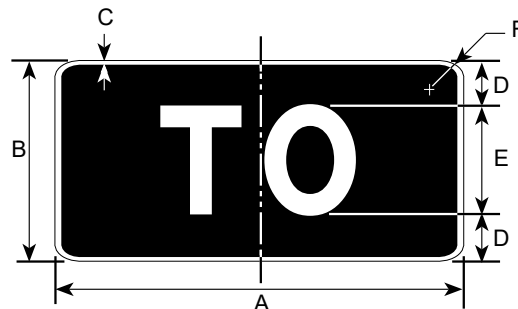
### COLORS

LEGEND - BLACK ( NON-REFL.)

BACKGROUND - WHITE (REFL.)

## M4-5B

11/97



(INTERSTATE)

| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |
|--------------------------|-----|----|----|------|----|
| A                        | B   | C  | D  | E    | F  |
| 600                      | 300 | 13 | 75 | 150E | 38 |
| 750                      | 375 | 13 | 88 | 200E | 38 |

| DIMENSIONS (INCHES) |    |     |       |    |       |
|---------------------|----|-----|-------|----|-------|
| A                   | B  | C   | D     | E  | F     |
| 24                  | 12 | 1/2 | 3     | 6E | 1 1/2 |
| 30                  | 15 | 1/2 | 3 1/2 | 8E | 1 1/2 |

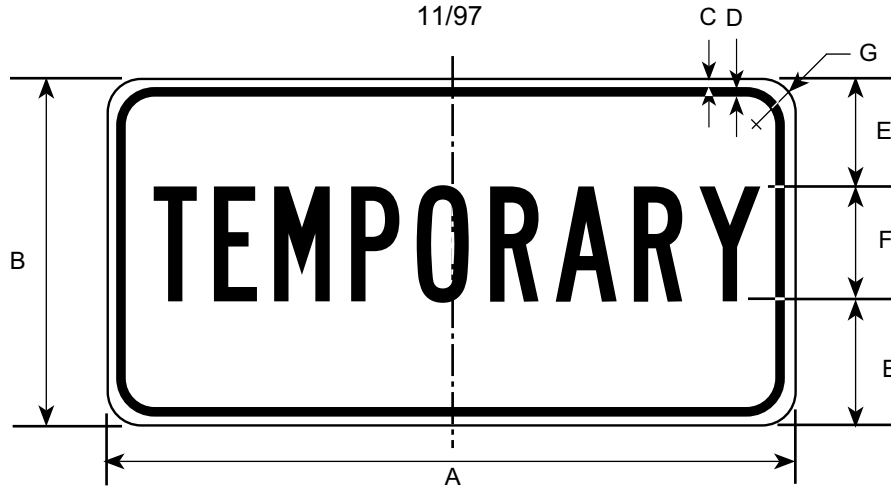
### COLORS

LEGEND - WHITE ( REFL.)

BACKGROUND - BLUE (REFL.)

# M4-7

11/97

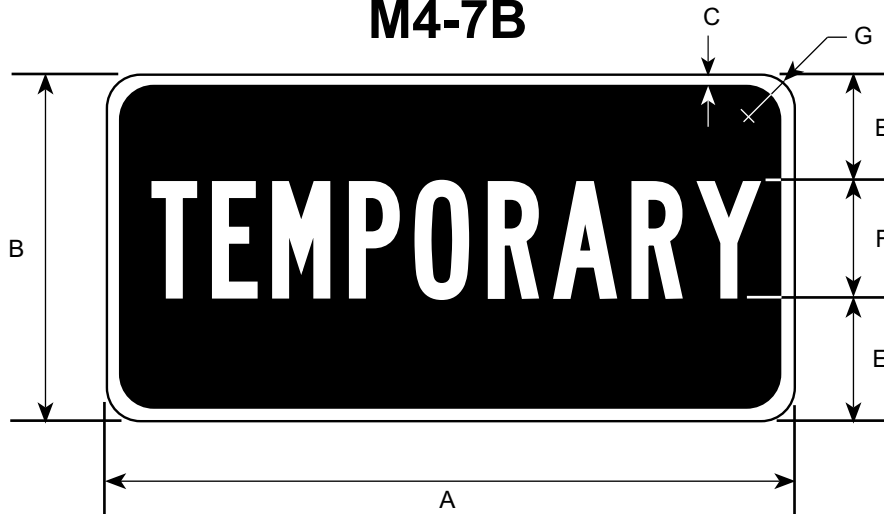


## COLORS

LEGEND—BLACK (NON-REFL)

BACKGROUND—WHITE (REFL)

# M4-7B



## COLORS

LEGEND—WHITE (REFL)

BACKGROUND—BLUE (REFL)

## DIMENSIONS (MILLIMETERS)

| A   | B   | C | D  | E   | F    | G  |
|-----|-----|---|----|-----|------|----|
| 600 | 300 | 9 | 16 | 100 | 100B | 38 |
| 750 | 375 | 9 | 16 | 125 | 125B | 38 |

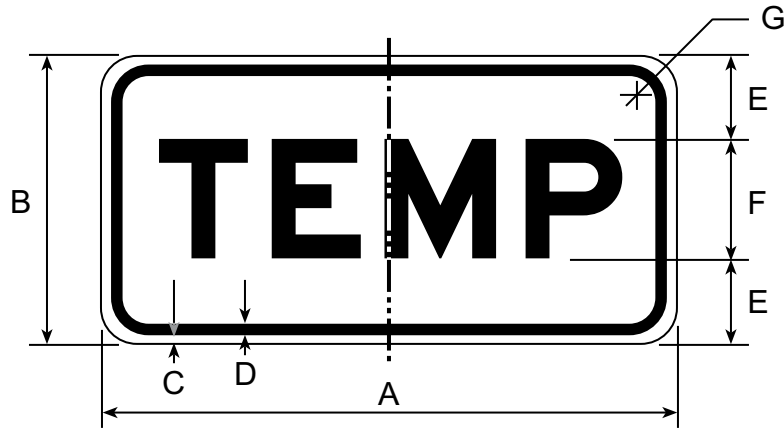
## DIMENSIONS (INCHES)

| A  | B  | C   | D   | E | F  | G     |
|----|----|-----|-----|---|----|-------|
| 24 | 12 | 3/8 | 5/8 | 4 | 4B | 1 1/2 |
| 30 | 15 | 3/8 | 5/8 | 5 | 5B | 1 1/2 |



# M4-7A

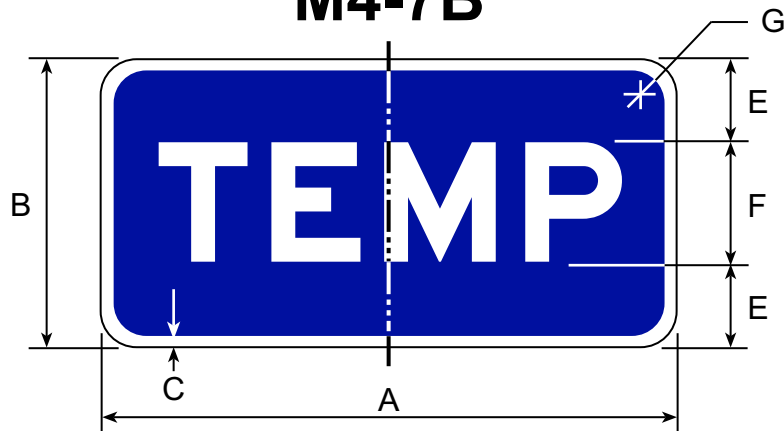
2/06



COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# M4-7B



COLORS

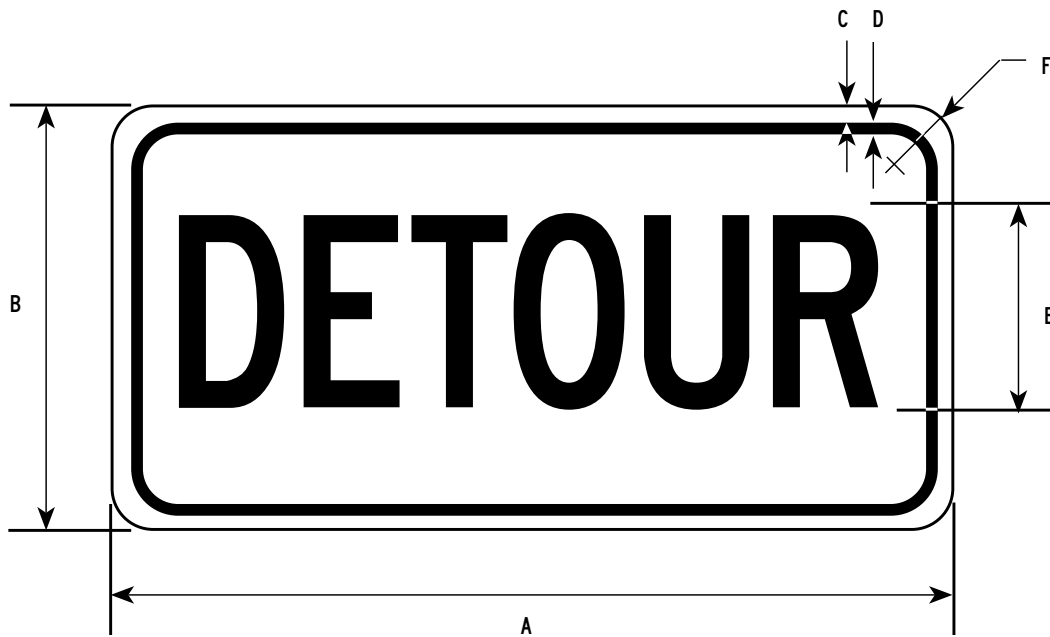
LEGEND - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

| DIMENSIONS (MILLIMETERS) |     |   |    |       |      |    |
|--------------------------|-----|---|----|-------|------|----|
| A                        | B   | C | D  | E     | F    | G  |
| 600                      | 300 | 9 | 16 | 87.5  | 125E | 38 |
| 750                      | 375 | 9 | 16 | 112.5 | 150E | 38 |

| DIMENSIONS (INCHES) |    |     |     |       |    |       |
|---------------------|----|-----|-----|-------|----|-------|
| A                   | B  | C   | D   | E     | F  | G     |
| 24                  | 12 | 3/8 | 5/8 | 3 1/2 | 5E | 1 1/2 |
| 30                  | 15 | 3/8 | 5/8 | 4 1/2 | 6E | 1 1/2 |

# M4-8

11/97



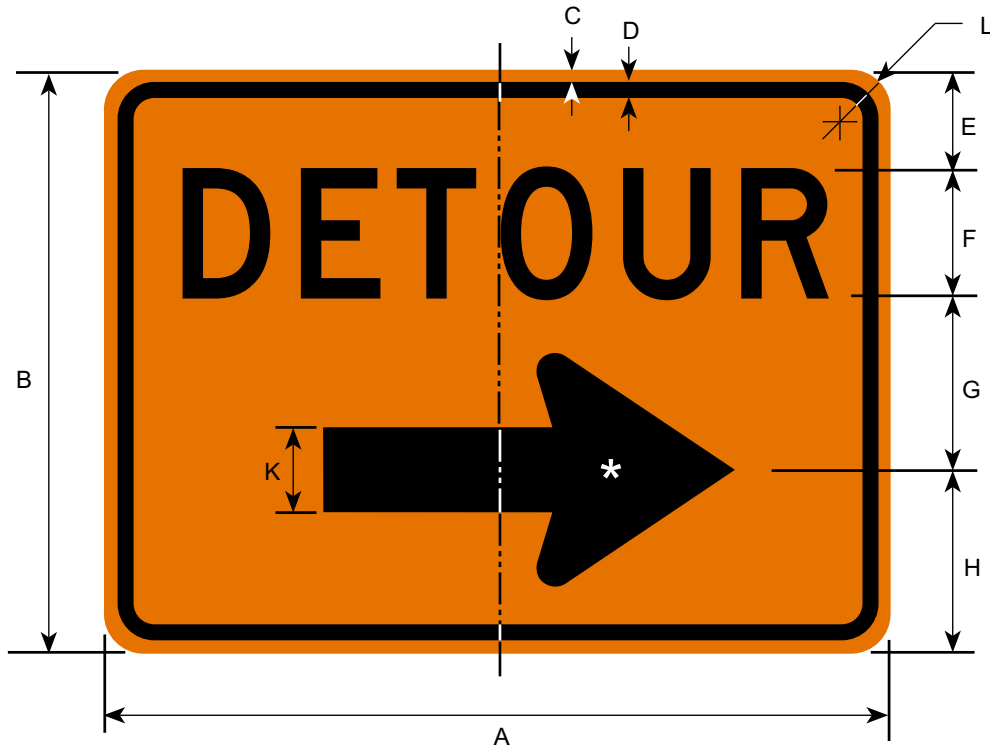
| DIMENSIONS (MILLIMETERS) |    |   |   |     |   |
|--------------------------|----|---|---|-----|---|
| A                        | B  | C | D | E   | F |
| 60                       | 30 | 9 | 1 | 15  | 4 |
| 75                       | 37 | 9 | 1 | 200 | 4 |

| DIMENSIONS (INCHES) |   |     |     |   |   |
|---------------------|---|-----|-----|---|---|
| A                   | B | C   | D   | E | F |
| 2                   | 1 | 3/8 | 5/8 | 6 | 1 |
| 3                   | 1 | 3/8 | 5/8 | 8 | 1 |

COLORS  
 LEGEND — BLACK (NON-REFL)  
 BACKGROUND-ORANGE (REFL)

# M4-9L/R

5/06



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |     |     |    |
|--------------------------|------|----|----|-----|------|-----|-----|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H   | K   | L  |
| 750                      | 600  | 9  | 16 | 100 | 125D | 175 | 200 | 113 | 38 |
| 1200                     | 900  | 16 | 22 | 150 | 200D | 250 | 300 | 175 | 56 |
| 1500                     | 1200 | 19 | 31 | 200 | 250D | 350 | 400 | 225 | 75 |

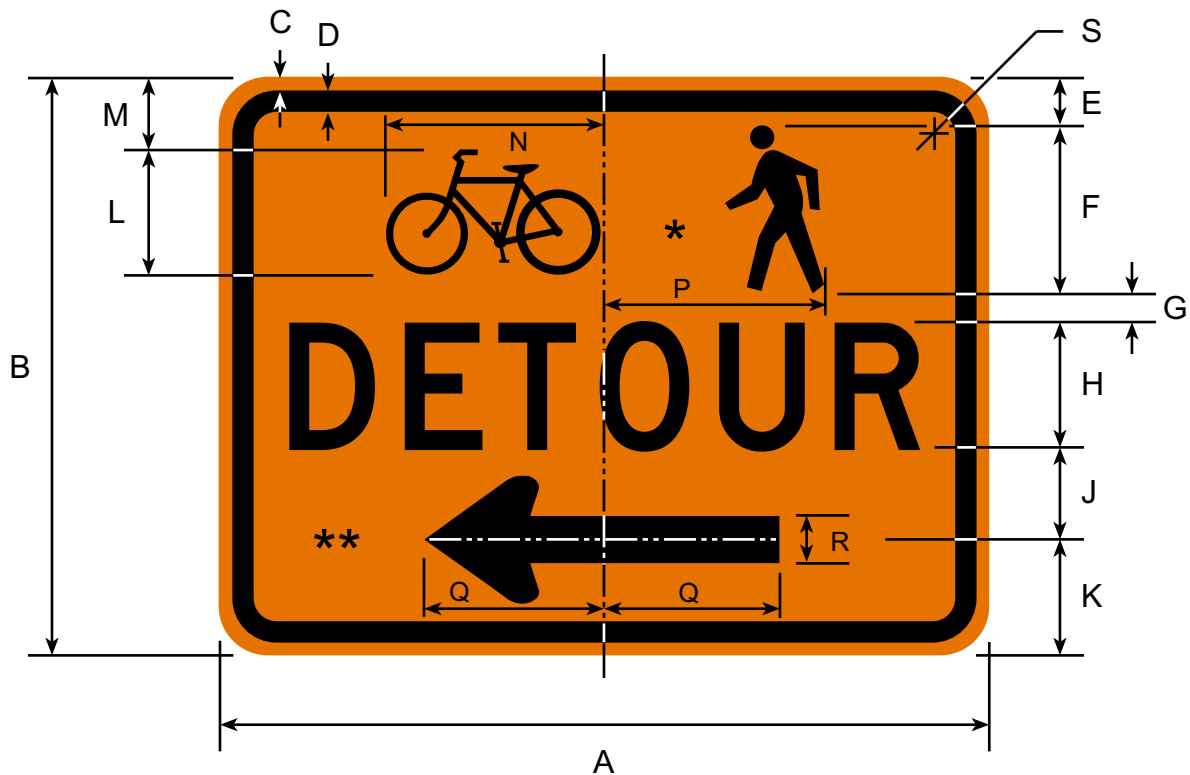
| DIMENSIONS (INCHES) |    |     |       |   |     |    |    |       |       |
|---------------------|----|-----|-------|---|-----|----|----|-------|-------|
| A                   | B  | C   | D     | E | F   | G  | H  | K     | L     |
| 30                  | 24 | 3/8 | 5/8   | 4 | 5D  | 7  | 8  | 4 1/2 | 1 1/2 |
| 48                  | 36 | 5/8 | 7/8   | 6 | 8D  | 10 | 12 | 7     | 2 1/4 |
| 60                  | 48 | 3/4 | 1 1/4 | 8 | 10D | 14 | 16 | 9     | 3     |

## COLORS

LEGEND, ARROW, & BORDER — BLACK (NON-REFL)  
BACKGROUND — ORANGE (REFL)

# M4-9A

5/06



\* SEE APPENDIX FOR SYMBOL DESIGNS

\*\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (INCHES) |    |     |       |         |          |         |     |         |         |
|---------------------|----|-----|-------|---------|----------|---------|-----|---------|---------|
| A                   | B  | C   | D     | E       | F        | G       | H   | J       | K       |
| 30                  | 24 | 1/2 | 3/4   | 2       | 7 13/64  | 1       | 5D  | 3 51/64 | 5       |
| 48                  | 36 | 3/4 | 1 1/4 | 3       | 10 41/64 | 1 41/64 | 8D  | 5 59/64 | 6 51/64 |
| 60                  | 48 | 3/4 | 1 1/4 | 5 13/64 | 13 21/64 | 2 5/64  | 10D | 7 13/32 | 10      |

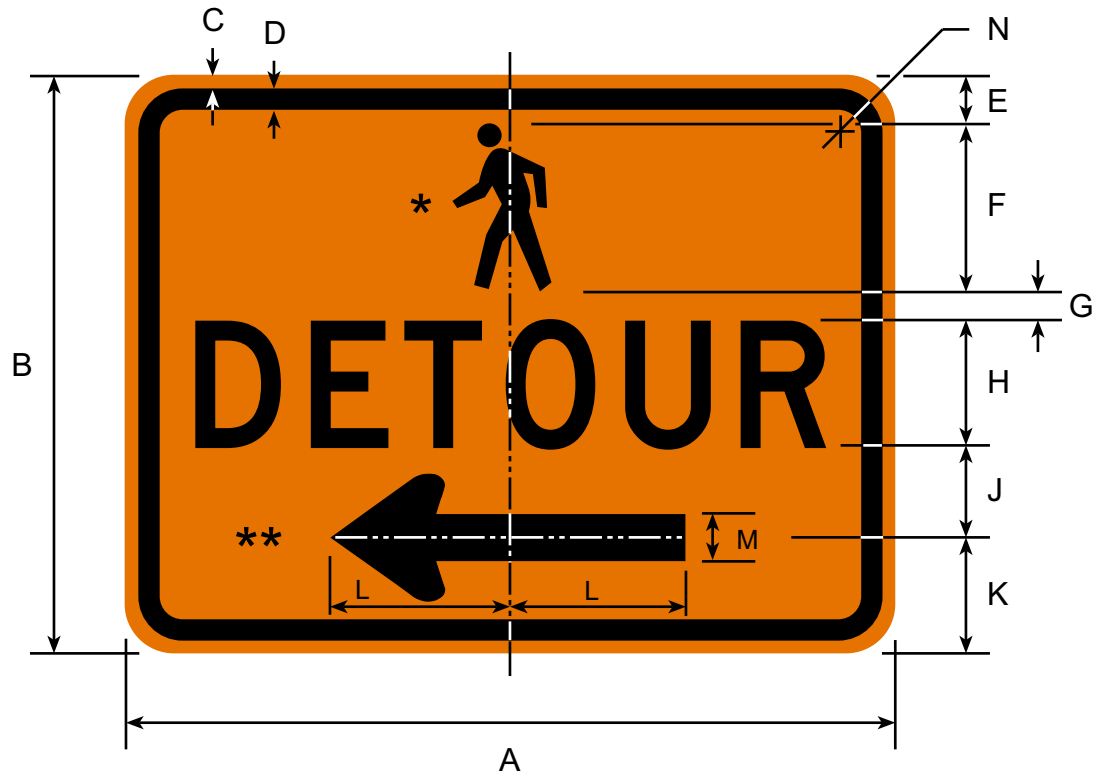
| L       | M       | N        | P        | Q        | R       | S     |
|---------|---------|----------|----------|----------|---------|-------|
| 5 21/64 | 3 1/8   | 9        | 8 17/32  | 7        | 2       | 1 7/8 |
| 6 59/64 | 4 13/32 | 13 17/32 | 13 19/64 | 11 13/64 | 3 13/64 | 3     |
| 8 5/64  | 10 1/8  | 16 13/16 | 16 13/16 | 14       | 4       | 3     |

## COLORS

LEGEND, SYMBOLS, & BORDER - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# M4-9B

5/06



\* SEE APPENDIX FOR SYMBOL DESIGN

\*\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (INCHES) |    |     |       |         |          |         |
|---------------------|----|-----|-------|---------|----------|---------|
| A                   | B  | C   | D     | E       | F        | G       |
| 30                  | 24 | 1/2 | 3/4   | 2       | 7 13/64  | 1       |
| 48                  | 36 | 3/4 | 1 1/4 | 3       | 10 41/64 | 1 41/64 |
| 60                  | 48 | 3/4 | 1 1/4 | 5 13/64 | 13 21/64 | 2 5/64  |

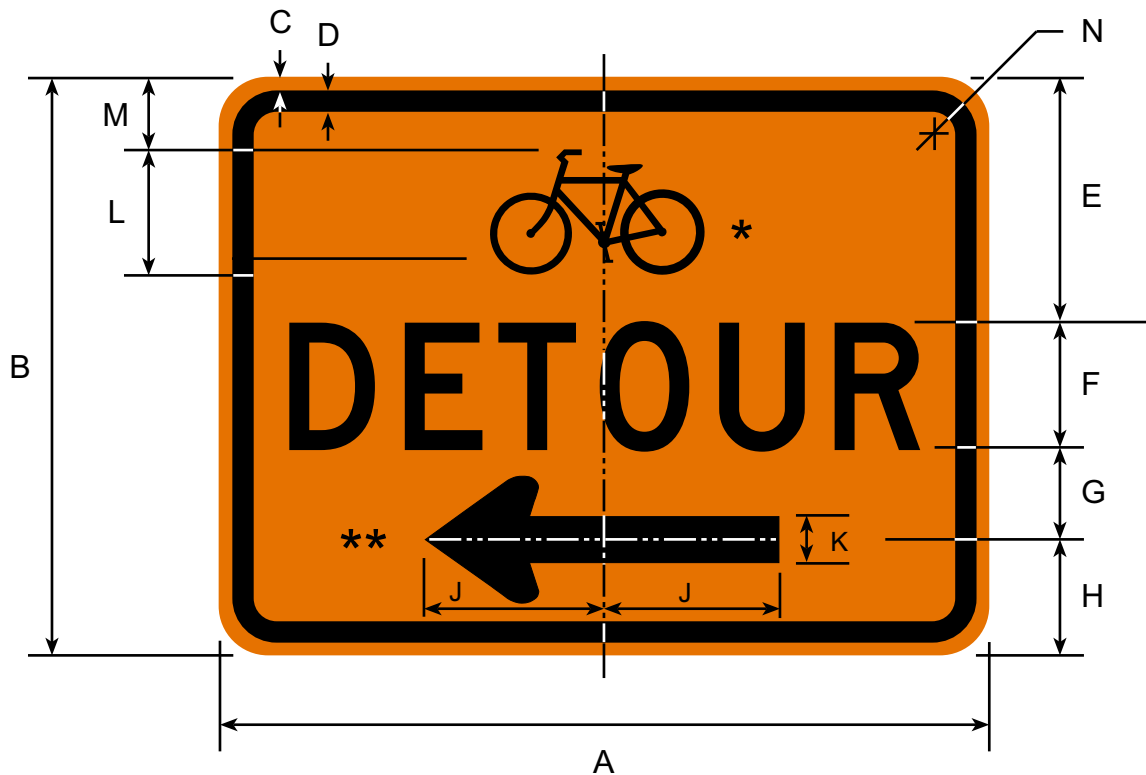
| H   | J       | K       | L        | M       | N     |
|-----|---------|---------|----------|---------|-------|
| 5D  | 3 51/64 | 5       | 7        | 2       | 1 7/8 |
| 8D  | 5 59/64 | 6 51/64 | 11 13/64 | 3 13/64 | 3     |
| 10D | 7 13/32 | 10      | 14       | 4       | 3     |

## COLORS

LEGEND, SYMBOLS, & BORDER - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# M4-9C

5/06



\* SEE APPENDIX FOR SYMBOL DESIGN

\*\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (INCHES) |    |     |       |          |     |         |
|---------------------|----|-----|-------|----------|-----|---------|
| A                   | B  | C   | D     | E        | F   | G       |
| 30                  | 24 | 1/2 | 3/4   | 10 13/64 | 5D  | 3 51/64 |
| 48                  | 36 | 3/4 | 1 1/4 | 15 19/64 | 8D  | 5 59/64 |
| 60                  | 48 | 3/4 | 1 1/4 | 20 39/64 | 10D | 7 13/32 |

| H       | J        | K       | L       | M        | N     |
|---------|----------|---------|---------|----------|-------|
| 5       | 7        | 2       | 5 21/64 | 9        | 1 7/8 |
| 6 51/64 | 11 13/64 | 3 13/64 | 6 59/64 | 13 17/32 | 3     |
| 10      | 14       | 4       | 8 5/64  | 16 13/16 | 3     |

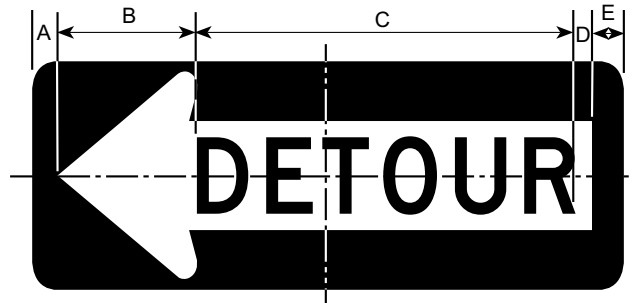
## COLORS

LEGEND, SYMBOLS, & BORDER - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# M4-10L & M4-10R

11/97

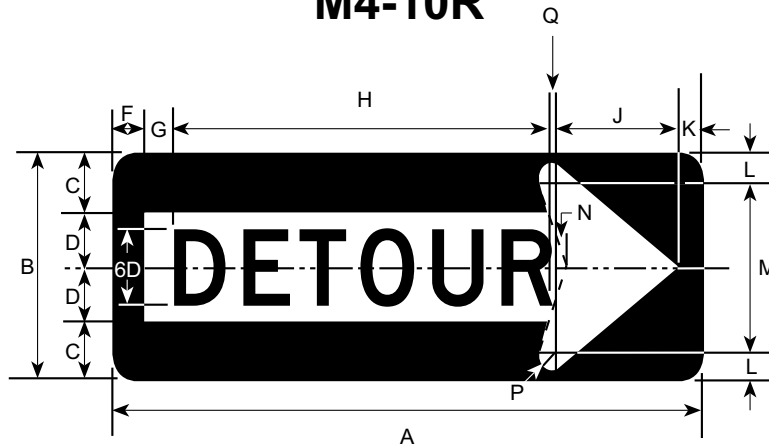
## M4-10L



| DIMENSIONS (MILLIMETERS) |     |     |    |    |
|--------------------------|-----|-----|----|----|
| A                        | B   | C   | D  | E  |
| 69                       | 313 | 694 | 50 | 75 |

| DIMENSIONS (INCHES) |        |        |   |   |
|---------------------|--------|--------|---|---|
| A                   | B      | C      | D | E |
| 2 3/4               | 12 1/2 | 27 3/4 | 2 | 3 |

## M4-10R



| DIMENSIONS (MILLIMETERS) |     |     |     |      |    |    |     |     |    |    |     |    |    |    |
|--------------------------|-----|-----|-----|------|----|----|-----|-----|----|----|-----|----|----|----|
| A                        | B   | C   | D   | E    | F  | G  | H   | J   | K  | L  | M   | N  | P  | Q  |
| 1200                     | 450 | 122 | 103 | 150D | 75 | 50 | 694 | 300 | 69 | 56 | 338 | 19 | 31 | 13 |

| DIMENSIONS (INCHES) |    |       |       |    |   |   |        |    |       |       |        |     |       |     |
|---------------------|----|-------|-------|----|---|---|--------|----|-------|-------|--------|-----|-------|-----|
| A                   | B  | C     | D     | E  | F | G | H      | J  | K     | L     | M      | N   | P     | Q   |
| 48                  | 18 | 4 7/8 | 4 1/8 | 6D | 3 | 2 | 27 3/4 | 12 | 2 3/4 | 2 1/4 | 13 1/2 | 3/4 | 1 1/4 | 1/2 |

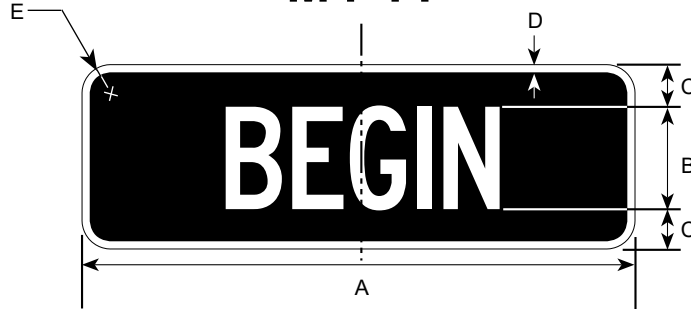
## COLORS

LEGEND - BLACK (NON-REFL.)  
 ARROW - ORANGE (REFL.)  
 BACKGROUND - BLACK (NON - REFL.)

# M4-11, M4-12 & M4-13

11/97

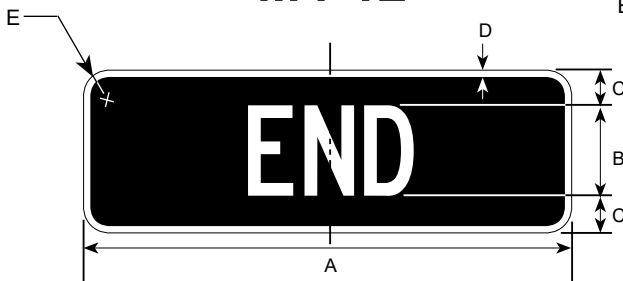
## M4-11



| DIMENSIONS (MILLIMETERS) |      |    |    |    |
|--------------------------|------|----|----|----|
| A                        | B    | C  | D  | E  |
| 600                      | 100C | 25 | 13 | 38 |

| DIMENSIONS (INCHES) |    |   |     |       |
|---------------------|----|---|-----|-------|
| A                   | B  | C | D   | E     |
| 24                  | 4C | 1 | 1/2 | 1 1/2 |

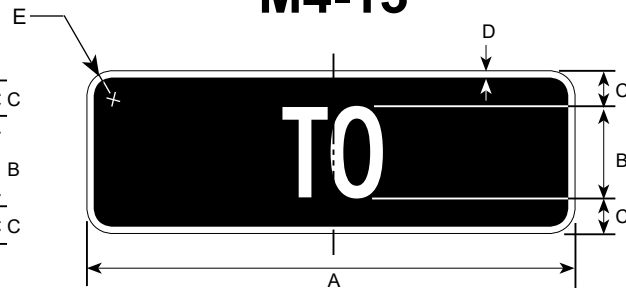
## M4-12



| DIMENSIONS (MILLIMETERS) |      |    |    |    |
|--------------------------|------|----|----|----|
| A                        | B    | C  | D  | E  |
| 600                      | 100C | 25 | 13 | 38 |

| DIMENSIONS (INCHES) |    |   |     |       |
|---------------------|----|---|-----|-------|
| A                   | B  | C | D   | E     |
| 24                  | 4C | 1 | 1/2 | 1 1/2 |

## M4-13



| DIMENSIONS (MILLIMETERS) |      |    |    |    |
|--------------------------|------|----|----|----|
| A                        | B    | C  | D  | E  |
| 600                      | 100C | 25 | 13 | 38 |

| DIMENSIONS (INCHES) |    |   |     |       |
|---------------------|----|---|-----|-------|
| A                   | B  | C | D   | E     |
| 24                  | 4C | 1 | 1/2 | 1 1/2 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - GREEN (REFL)



# M4-1101, M4-1201, & M4-1301

11/97

(BICYCLE ROUTES)

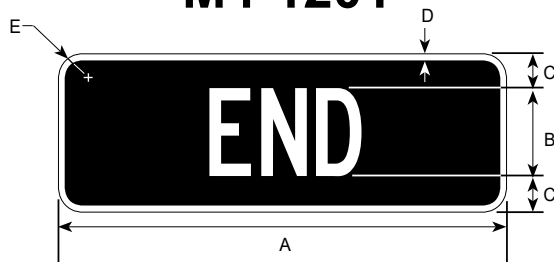
## M4-1101



| DIMENSIONS (MILLIMETERS) |     |    |   |    |
|--------------------------|-----|----|---|----|
| A                        | B   | C  | D | E  |
| 300                      | 50C | 25 | 6 | 19 |

| DIMENSIONS (INCHES) |    |   |     |     |
|---------------------|----|---|-----|-----|
| A                   | B  | C | D   | E   |
| 12                  | 2C | 1 | 1/4 | 3/4 |

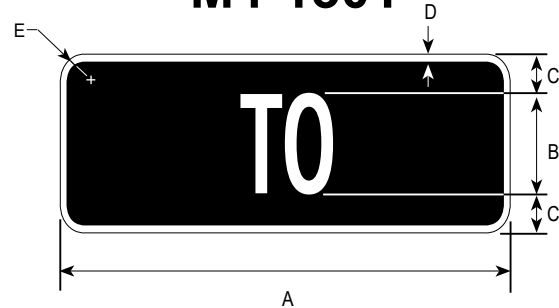
## M4-1201



| DIMENSIONS (MILLIMETERS) |      |    |   |    |
|--------------------------|------|----|---|----|
| A                        | B    | C  | D | E  |
| 300                      | 100C | 25 | 6 | 19 |

| DIMENSIONS (INCHES) |    |   |     |     |
|---------------------|----|---|-----|-----|
| A                   | B  | C | D   | E   |
| 12                  | 2C | 1 | 1/4 | 3/4 |

## M4-1301



| DIMENSIONS (MILLIMETERS) |     |    |   |    |
|--------------------------|-----|----|---|----|
| A                        | B   | C  | D | E  |
| 300                      | 50C | 25 | 6 | 19 |

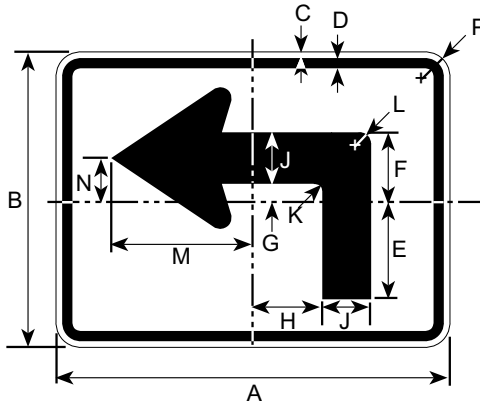
| DIMENSIONS (INCHES) |    |   |     |     |
|---------------------|----|---|-----|-----|
| A                   | B  | C | D   | E   |
| 12                  | 2C | 1 | 1/4 | 3/4 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - GREEN (REFL)

## M5-1

5/06



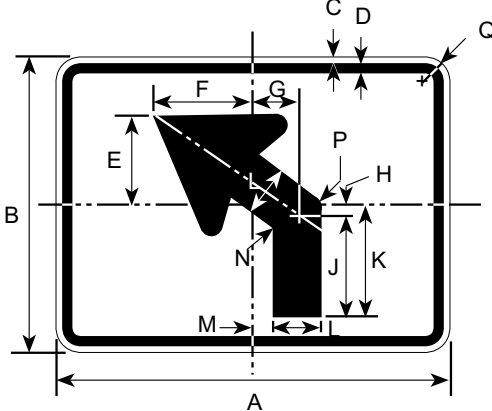
DIMENSIONS (MILLIMETERS)

| A   | B   | C | D  | E   | F  | G  | H  | J  | K | L  | M   | N  | P  |
|-----|-----|---|----|-----|----|----|----|----|---|----|-----|----|----|
| 525 | 375 | 9 | 16 | 127 | 84 | 22 | 80 | 66 | 9 | 14 | 178 | 52 | 38 |

DIMENSIONS (INCHES)

| A  | B  | C   | D   | E      | F     | G   | H      | J     | K   | L    | M     | N      | P     |
|----|----|-----|-----|--------|-------|-----|--------|-------|-----|------|-------|--------|-------|
| 21 | 15 | 3/8 | 5/8 | 5 1/16 | 3 3/8 | 3/4 | 3 3/16 | 2 5/8 | 3/8 | 9/16 | 7 1/8 | 2 1/16 | 1 1/2 |

## M5-2



DIMENSIONS (MILLIMETERS)

| A   | B   | C | E   | F   | G  | H  | J   | K   | L  | M  | N | P  | Q  |
|-----|-----|---|-----|-----|----|----|-----|-----|----|----|---|----|----|
| 525 | 375 | 9 | 119 | 113 | 61 | 19 | 117 | 136 | 66 | 28 | 9 | 14 | 38 |

DIMENSIONS (INCHES)

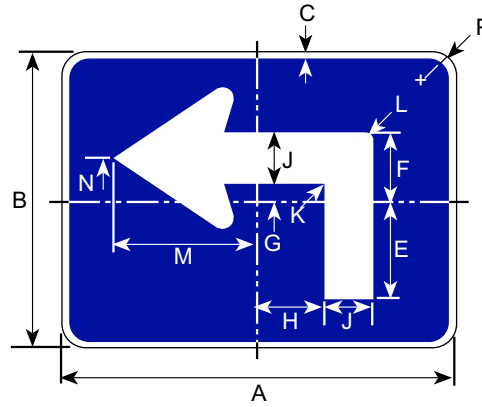
| A  | B  | C   | D   | E     | F     | G      | H   | J       | K      | L     | M     | N   | P    | Q     |
|----|----|-----|-----|-------|-------|--------|-----|---------|--------|-------|-------|-----|------|-------|
| 21 | 15 | 3/8 | 5/8 | 4 3/4 | 4 1/2 | 2 7/16 | 3/4 | 4 11/16 | 5 7/16 | 2 5/8 | 1 1/8 | 3/8 | 9/16 | 1 1/2 |

### COLORS

ARROW & BORDER - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

## M5-1B

5/06



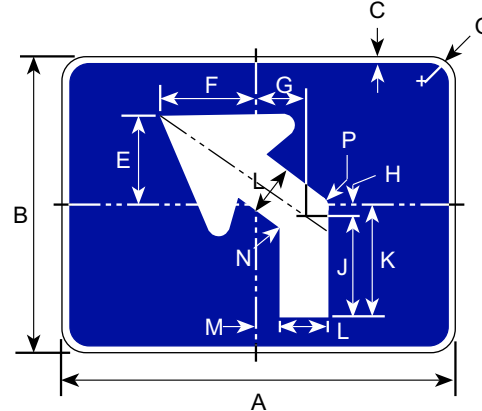
DIMENSIONS (MILLIMETERS)

| A   | B   | C | D  | E   | F  | G  | H  | J  | K | L  | M   | N  | P  |
|-----|-----|---|----|-----|----|----|----|----|---|----|-----|----|----|
| 525 | 375 | 9 | 16 | 127 | 84 | 22 | 80 | 66 | 9 | 14 | 178 | 52 | 38 |

DIMENSIONS (INCHES)

| A  | B  | C   | D   | E      | F     | G   | H      | J     | K   | L    | M     | N      | P     |
|----|----|-----|-----|--------|-------|-----|--------|-------|-----|------|-------|--------|-------|
| 21 | 15 | 3/8 | 5/8 | 5 1/16 | 3 3/8 | 3/4 | 3 3/16 | 2 5/8 | 3/8 | 9/16 | 7 1/8 | 2 1/16 | 1 1/2 |

## M5-2B



DIMENSIONS (MILLIMETERS)

| A   | B   | C | E   | F   | G  | H  | J   | K   | L  | M  | N | P  | Q  |
|-----|-----|---|-----|-----|----|----|-----|-----|----|----|---|----|----|
| 525 | 375 | 9 | 119 | 113 | 61 | 19 | 117 | 136 | 66 | 28 | 9 | 14 | 38 |

DIMENSIONS (INCHES)

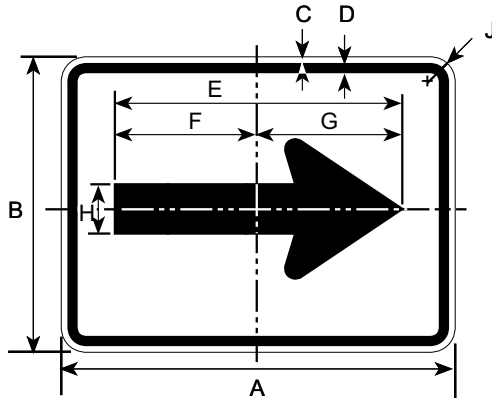
| A  | B  | C   | D   | E     | F     | G      | H   | J       | K      | L     | M     | N   | P    | Q     |
|----|----|-----|-----|-------|-------|--------|-----|---------|--------|-------|-------|-----|------|-------|
| 21 | 15 | 3/8 | 5/8 | 4 3/4 | 4 1/2 | 2 7/16 | 3/4 | 4 11/16 | 5 7/16 | 2 5/8 | 1 1/8 | 3/8 | 9/16 | 1 1/2 |

### COLORS

ARROW - WHITE (REFL)  
BACKGROUND - BLUE (REFL)

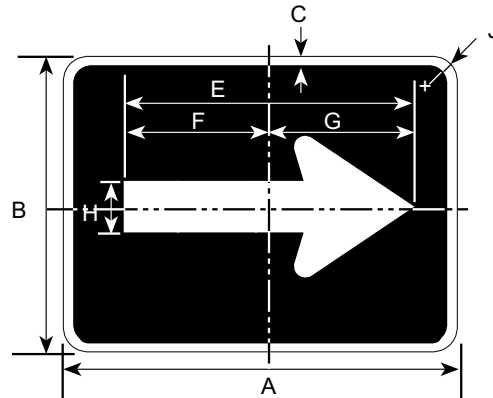
# M6-1

6/00



# M6-1B

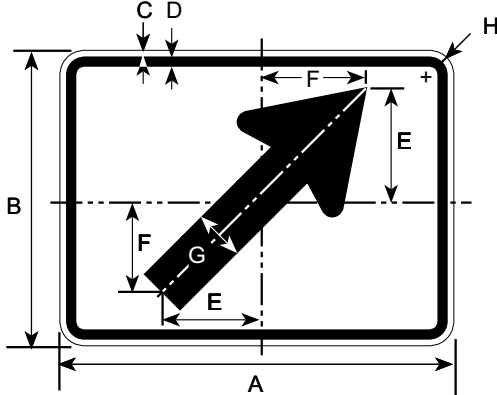
6/00



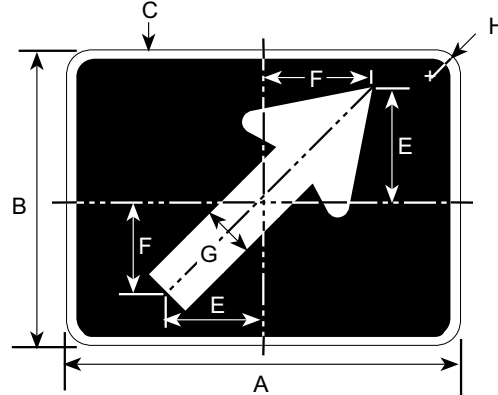
| DIMENSIONS (MILLIMETERS) |     |   |    |    |     |     |    |    |
|--------------------------|-----|---|----|----|-----|-----|----|----|
| A                        | B   | C | D  | E  | F   | G   | H  | J  |
| 525                      | 375 | 9 | 16 | 52 | 178 | 188 | 66 | 38 |

| DIMENSIONS (INCHES) |    |     |     |        |       |       |       |       |
|---------------------|----|-----|-----|--------|-------|-------|-------|-------|
| A                   | B  | C   | D   | E      | F     | G     | H     | J     |
| 21                  | 15 | 3/8 | 5/8 | 14 5/8 | 7 1/8 | 7 1/2 | 2 5/8 | 1 1/2 |

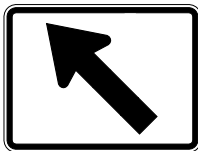
# M6-2R



# M6-2BR



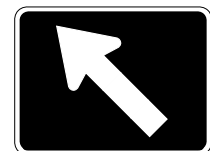
## M6-2L



| DIMENSIONS (MILLIMETERS) |     |   |    |     |     |    |    |
|--------------------------|-----|---|----|-----|-----|----|----|
| A                        | B   | C | D  | E   | F   | G  | H  |
| 525                      | 375 | 9 | 16 | 127 | 141 | 66 | 38 |

| DIMENSIONS (INCHES) |    |     |     |        |       |       |       |
|---------------------|----|-----|-----|--------|-------|-------|-------|
| A                   | B  | C   | D   | E      | F     | G     | H     |
| 21                  | 15 | 3/8 | 5/8 | 5 1/16 | 5 5/8 | 2 5/8 | 1 1/2 |

## M6-2BL



## COLORS

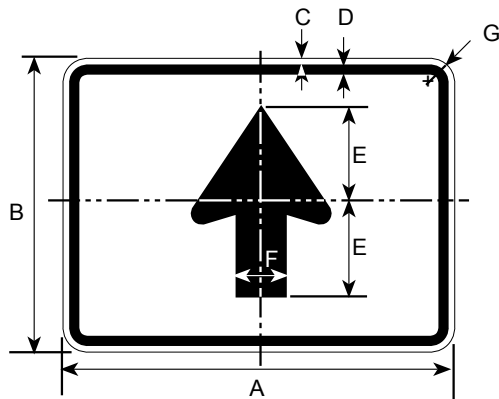
LEGEND - BLACK (NON-REFL.)  
BACKGROUND - WHITE (REFL.)

## COLORS

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

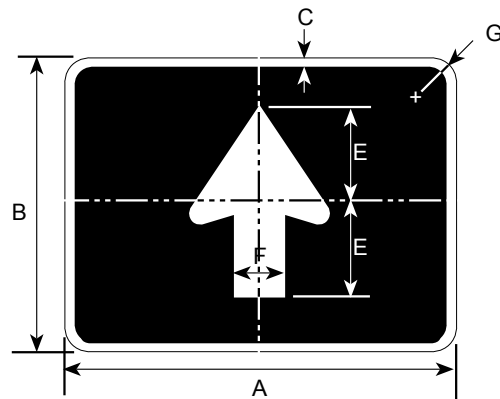
## M6-3

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## M6-3B

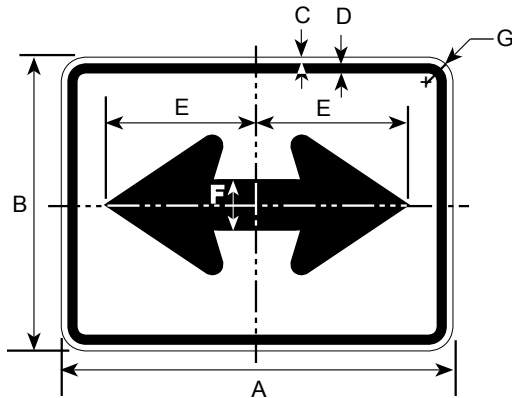
11/97



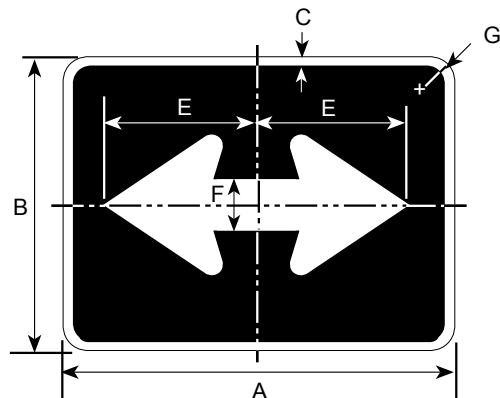
| DIMENSIONS (MILLIMETERS) |     |   |    |     |    |    |
|--------------------------|-----|---|----|-----|----|----|
| A                        | B   | C | D  | E   | F  | G  |
| 525                      | 375 | 9 | 16 | 122 | 66 | 38 |

| DIMENSIONS (INCHES) |    |     |     |       |       |       |
|---------------------|----|-----|-----|-------|-------|-------|
| A                   | B  | C   | D   | E     | F     | G     |
| 21                  | 15 | 3/8 | 5/8 | 4 7/8 | 2 5/8 | 1 1/2 |

## M6-4



## M6-4B



| DIMENSIONS (MILLIMETERS) |     |   |    |     |    |    |
|--------------------------|-----|---|----|-----|----|----|
| A                        | B   | C | D  | E   | F  | G  |
| 525                      | 375 | 9 | 16 | 188 | 66 | 38 |

| DIMENSIONS (INCHES) |    |     |     |       |       |       |
|---------------------|----|-----|-----|-------|-------|-------|
| A                   | B  | C   | D   | E     | F     | G     |
| 21                  | 15 | 3/8 | 5/8 | 7 1/2 | 2 5/8 | 1 1/2 |

### COLORS

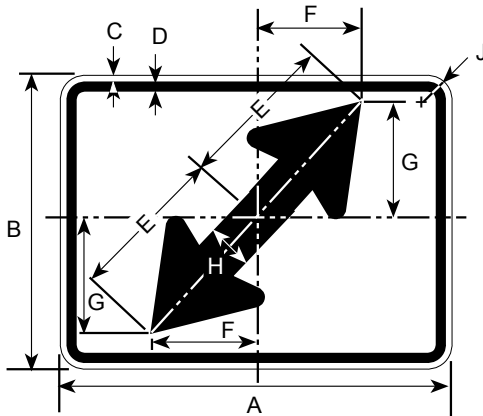
LEGEND - BLACK (NON-REFL.)  
BACKGROUND - WHITE (REFL.)

### COLORS

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

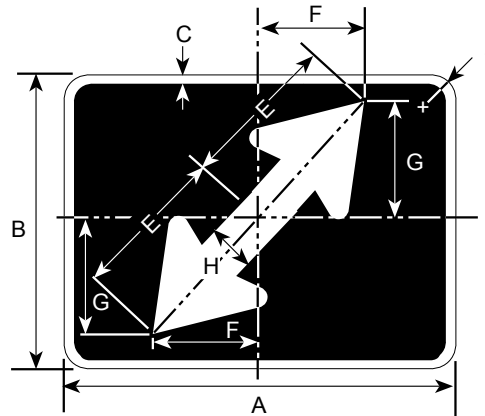
## M6-5

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## M6-5B

11/97



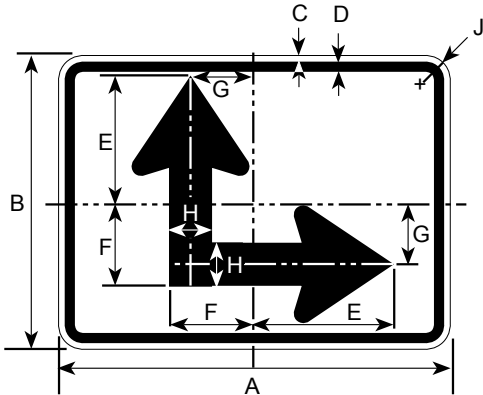
DIMENSIONS (MILLIMETERS)

| A   | B   | C | D  | E   | F   | G   | H  | J  |
|-----|-----|---|----|-----|-----|-----|----|----|
| 525 | 375 | 9 | 16 | 197 | 237 | 131 | 56 | 38 |

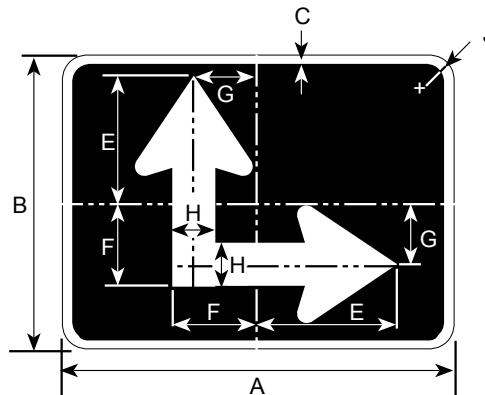
DIMENSIONS (INCHES)

| A  | B  | C   | D   | E     | F     | G     | H     | J     |
|----|----|-----|-----|-------|-------|-------|-------|-------|
| 21 | 15 | 3/8 | 5/8 | 7 7/8 | 5 7/8 | 5 1/4 | 2 1/4 | 1 1/2 |

## M6-6



## M6-6B



DIMENSIONS (MILLIMETERS)

| A   | B   | C | D  | E   | F  | G  | H  | J  |
|-----|-----|---|----|-----|----|----|----|----|
| 525 | 375 | 9 | 16 | 144 | 97 | 69 | 56 | 38 |

DIMENSIONS (INCHES)

| A  | B  | C   | D   | E     | F     | G     | H     | J     |
|----|----|-----|-----|-------|-------|-------|-------|-------|
| 21 | 15 | 3/8 | 5/8 | 5 3/4 | 3 7/8 | 2 3/4 | 2 1/4 | 1 1/2 |

### COLORS

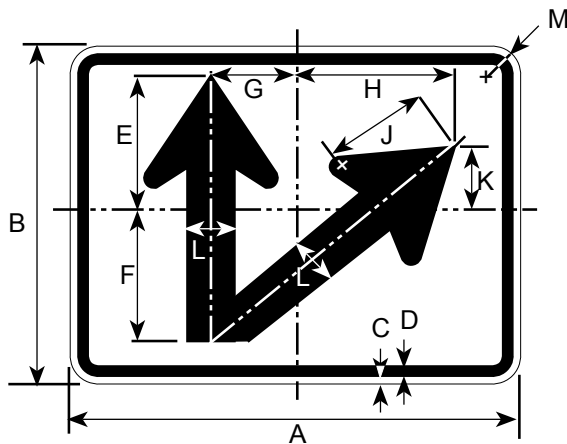
LEGEND - BLACK (NON-REFL.)  
BACKGROUND - WHITE (REFL.)

### COLORS

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

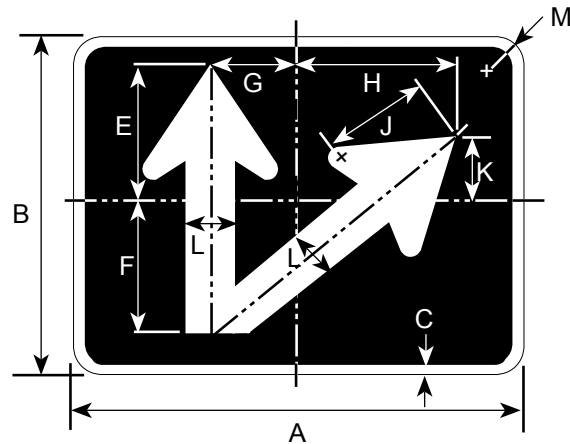
# M6-7

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# M6-7B

11/97



DIMENSIONS (MILLIMETERS)

| A   | B   | C | D  | E   | F   | G  | H   | J  | K  | L  | M  |
|-----|-----|---|----|-----|-----|----|-----|----|----|----|----|
| 525 | 375 | 9 | 16 | 144 | 138 | 97 | 169 | 11 | 53 | 56 | 38 |

DIMENSIONS (INCHES)

| A  | B  | C   | D   | E     | F     | G     | H     | J     | K     | L     | M     |
|----|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|
| 21 | 15 | 3/8 | 5/8 | 5 3/4 | 5 1/2 | 3 7/8 | 6 3/4 | 4 1/2 | 2 1/8 | 2 1/4 | 1 1/2 |

## COLORS

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

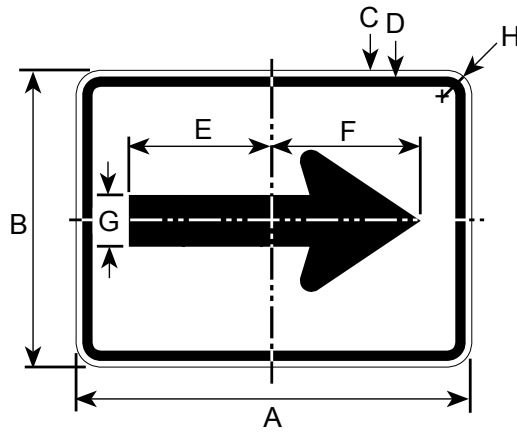
## COLORS

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

# M7-1, M7-2 & M7-3

11/97

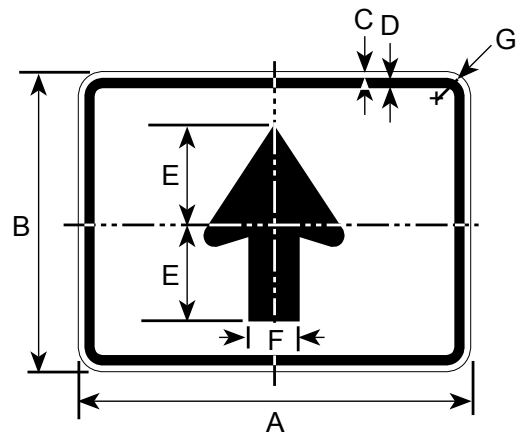
## M7-1



| DIMENSIONS (MILLIMETERS) |     |     |   |     |    |    |    |
|--------------------------|-----|-----|---|-----|----|----|----|
| A                        | B   | C   | D | E   | F  | G  | H  |
| 300                      | 225 | 134 | 9 | 106 | 11 | 41 | 38 |

| DIMENSIONS (INCHES) |   |       |     |       |       |       |       |
|---------------------|---|-------|-----|-------|-------|-------|-------|
| A                   | B | C     | D   | E     | F     | G     | H     |
| 12                  | 9 | 5 3/8 | 3/8 | 4 1/4 | 4 1/2 | 1 5/8 | 1 1/2 |

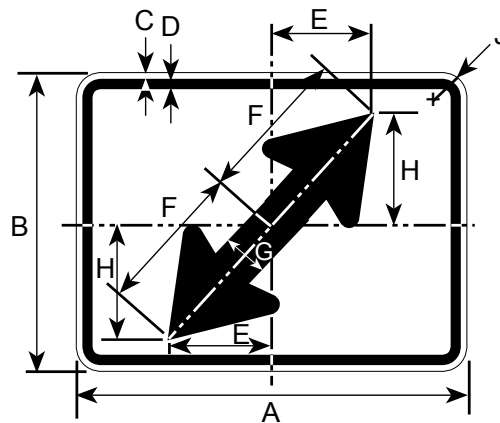
## M7-2



| DIMENSIONS (MILLIMETERS) |     |   |   |    |    |       |
|--------------------------|-----|---|---|----|----|-------|
| A                        | B   | C | D | E  | F  | G     |
| 300                      | 225 | 9 | 9 | 75 | 41 | 1 1/2 |

| DIMENSIONS (INCHES) |   |     |     |   |       |       |
|---------------------|---|-----|-----|---|-------|-------|
| A                   | B | C   | D   | E | F     | G     |
| 12                  | 9 | 3/8 | 3/8 | 3 | 1 5/8 | 1 1/2 |

## M7-3



| DIMENSIONS (MILLIMETERS) |     |   |   |    |    |    |    |    |
|--------------------------|-----|---|---|----|----|----|----|----|
| A                        | B   | C | D | E  | F  | G  | H  | J  |
| 300                      | 225 | 9 | 9 | 91 | 11 | 34 | 75 | 38 |

| DIMENSIONS (INCHES) |   |     |     |       |       |       |   |       |
|---------------------|---|-----|-----|-------|-------|-------|---|-------|
| A                   | B | C   | D   | E     | F     | G     | H | J     |
| 12                  | 9 | 3/8 | 3/8 | 3 5/8 | 4 1/2 | 1 3/8 | 3 | 1 1/2 |

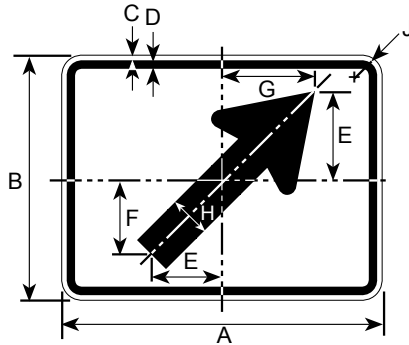
## COLORS

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

# M7-4, M7-5, M7-6 & M7-7

11/97

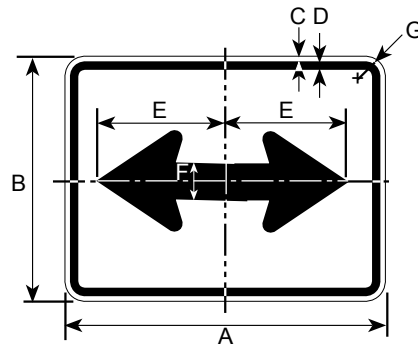
## M7-4



| DIMENSIONS (MILLIMETERS) |     |   |   |    |    |    |    |    |
|--------------------------|-----|---|---|----|----|----|----|----|
| A                        | B   | C | D | E  | F  | G  | H  | J  |
| 300                      | 225 | 9 | 9 | 75 | 66 | 84 | 41 | 38 |

| DIMENSIONS (INCHES) |   |     |     |   |       |       |       |       |
|---------------------|---|-----|-----|---|-------|-------|-------|-------|
| A                   | B | C   | D   | E | F     | G     | H     | J     |
| 12                  | 9 | 3/8 | 3/8 | 3 | 2 5/8 | 3 3/8 | 1 5/8 | 1 1/2 |

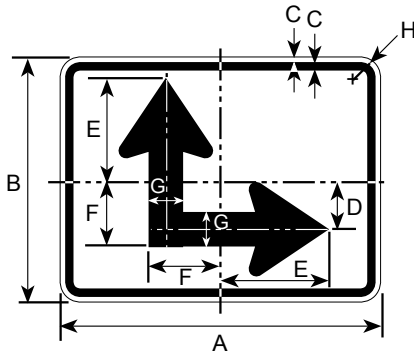
## M7-5



| DIMENSIONS (MILLIMETERS) |     |   |   |     |    |    |
|--------------------------|-----|---|---|-----|----|----|
| A                        | B   | C | D | E   | F  | G  |
| 300                      | 225 | 9 | 9 | 109 | 41 | 38 |

| DIMENSIONS (INCHES) |   |     |     |       |       |       |
|---------------------|---|-----|-----|-------|-------|-------|
| A                   | B | C   | D   | E     | F     | G     |
| 12                  | 9 | 3/8 | 3/8 | 4 3/8 | 1 5/8 | 1 1/2 |

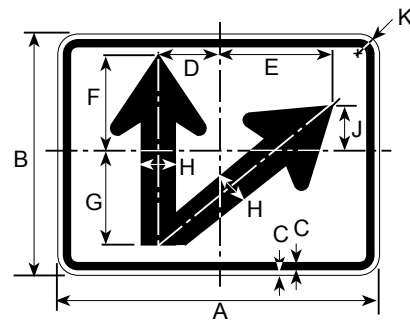
## M7-6



| DIMENSIONS (MILLIMETERS) |     |   |    |    |    |    |    |
|--------------------------|-----|---|----|----|----|----|----|
| A                        | B   | C | D  | E  | F  | G  | H  |
| 300                      | 225 | 9 | 41 | 84 | 56 | 34 | 38 |

| DIMENSIONS (INCHES) |   |     |       |       |       |       |       |
|---------------------|---|-----|-------|-------|-------|-------|-------|
| A                   | B | C   | D     | E     | F     | G     | H     |
| 12                  | 9 | 3/8 | 1 5/8 | 3 3/8 | 2 1/4 | 1 3/8 | 1 1/2 |

## M7-7



| DIMENSIONS (MILLIMETERS) |     |   |    |     |    |    |    |    |    |
|--------------------------|-----|---|----|-----|----|----|----|----|----|
| A                        | B   | C | D  | E   | F  | G  | H  | J  | K  |
| 300                      | 225 | 9 | 56 | 100 | 84 | 78 | 34 | 31 | 38 |

| DIMENSIONS (INCHES) |   |     |       |   |       |       |       |       |       |
|---------------------|---|-----|-------|---|-------|-------|-------|-------|-------|
| A                   | B | C   | D     | E | F     | G     | H     | J     | K     |
| 12                  | 9 | 3/8 | 2 1/4 | 4 | 3 3/8 | 3 1/8 | 1 3/8 | 1 1/4 | 1 1/2 |

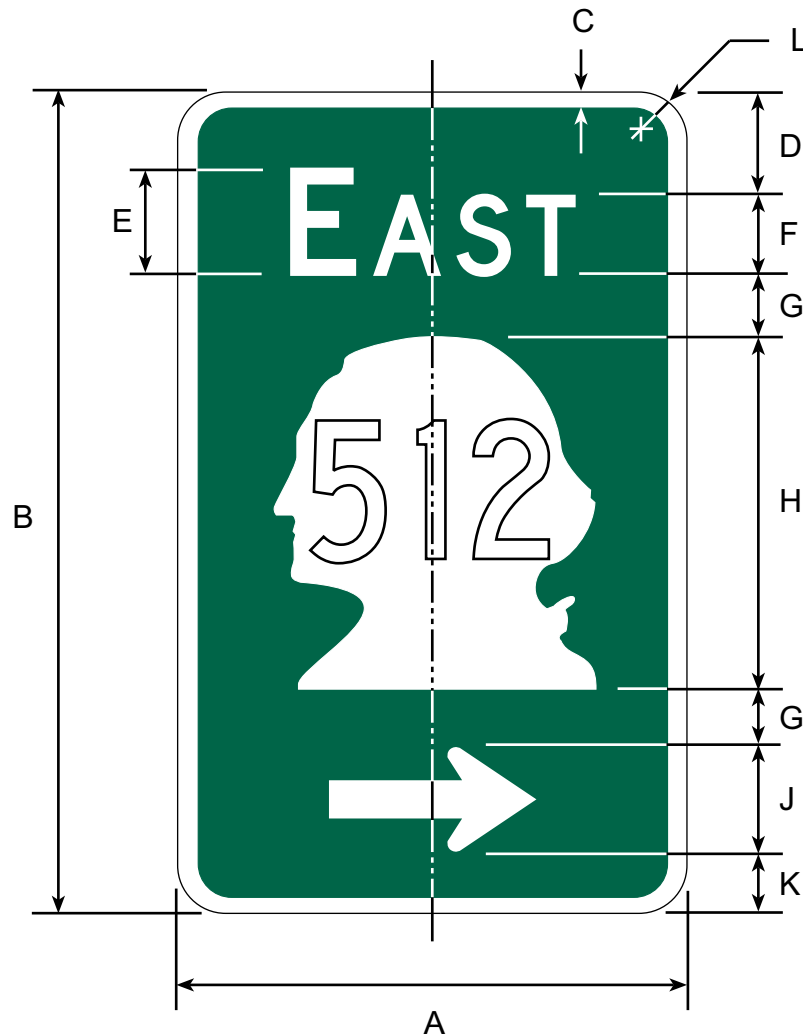
## COLORS

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



# M8-101

5/06



NUMERALS ON STATE AND FEDERAL SHIELDS SHALL BE BLACK.  
FOR NUMERALS SIZE AND SERIES SEE APPLICABLE ROUTE MARKER.

| DIMENSIONS (MILLIMETERS) |      |    |     |      |      |    |     |           |     |     |
|--------------------------|------|----|-----|------|------|----|-----|-----------|-----|-----|
| A                        | B    | C  | D   | E    | F    | G  | H   | J         | K   | L   |
| 900                      | 1500 | 19 | 200 | 200D | 150D | 94 | 550 | 213 x 250 | 150 | 100 |

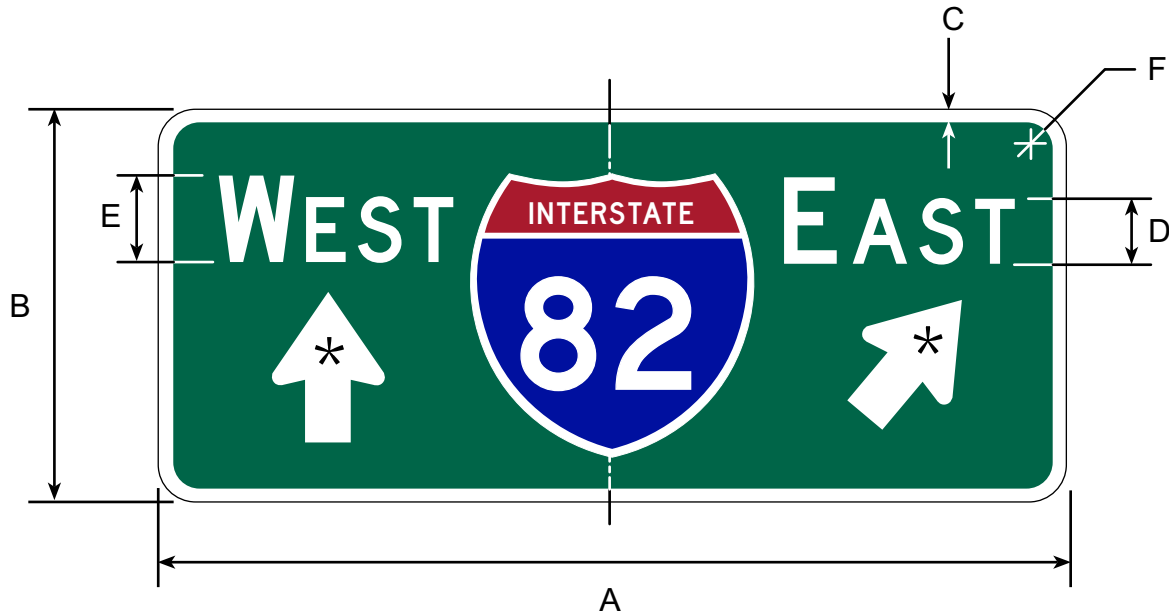
| DIMENSIONS (INCHES) |    |     |   |    |    |       |    |            |   |   |
|---------------------|----|-----|---|----|----|-------|----|------------|---|---|
| A                   | B  | C   | D | E  | F  | G     | H  | J          | K | L |
| 36                  | 60 | 3/4 | 8 | 8D | 6D | 3 3/4 | 22 | 8 1/2 x 10 | 6 | 4 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - GREEN (REFL)

# M8-201

2/06



\* SEE APPENDIX FOR STANDARD ARROW DETAIL

| DIMENSIONS (MILLIMETERS) |     |    |      |      |     |       |        |
|--------------------------|-----|----|------|------|-----|-------|--------|
| A                        | B   | C  | D    | E    | F   | ARROW | SHIELD |
| 2100                     | 900 | 19 | 150D | 200D | 100 | #1    | 600    |

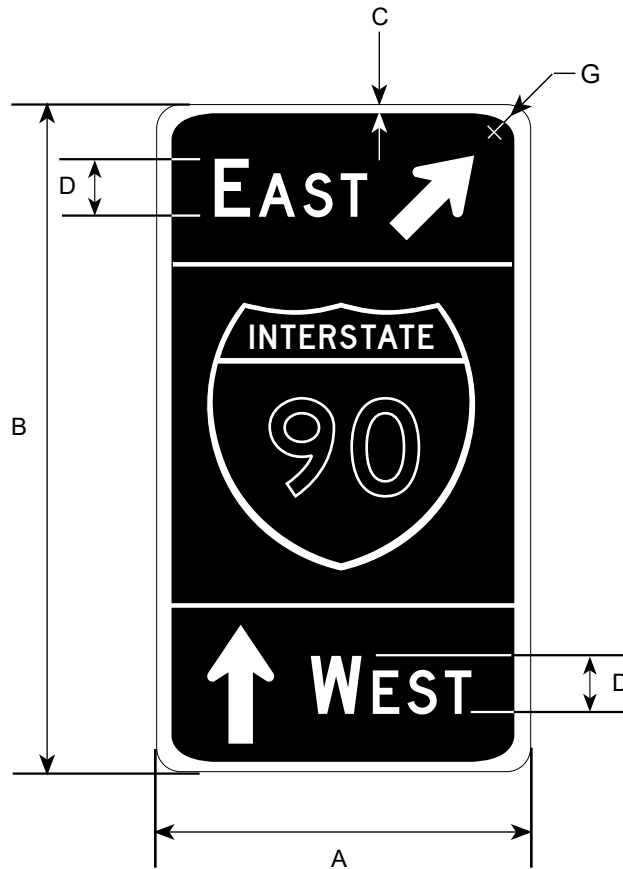
| DIMENSIONS (INCHES) |    |     |    |    |   |       |        |
|---------------------|----|-----|----|----|---|-------|--------|
| A                   | B  | C   | D  | E  | F | ARROW | SHIELD |
| 84                  | 36 | 3/4 | 6D | 8D | 4 | #1    | 24     |

## COLORS

LEGEND— WHITE (REFL)  
BACKGROUND— GREEN (REFL)

# M8-301

9/03



BORDER SHALL BE USED ON STANDARD ROUTE MARKERS

| DIMENSIONS (MILLIMETERS) |      |    |           |           |     |        |
|--------------------------|------|----|-----------|-----------|-----|--------|
| A                        | B    | C  | D         | ARROW     | G   | SHIELD |
| 1200                     | 1800 | 19 | 200D/150D | 213 X 250 | 150 | 600    |

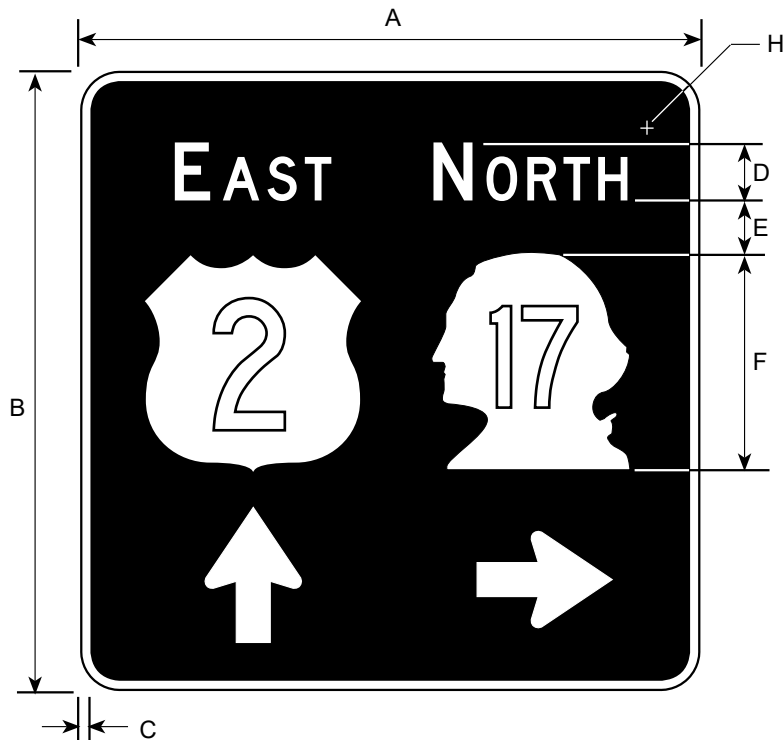
| DIMENSIONS (INCHES) |    |     |       |            |   |        |
|---------------------|----|-----|-------|------------|---|--------|
| A                   | B  | C   | D     | ARROW      | G | SHIELD |
| 48                  | 72 | 3/4 | 8D/6D | 8 1/2 X 10 | 6 | 24     |

## COLORS

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

# M8-401

9/03



NUMERALS ON ADJACENT SHIELDS SHALL BE THE SAME SIZE, HOWEVER, IT WILL BE PERMISSIBLE TO USE DIFFERENT LETTER SERIES IF NECESSARY AND APPROVED BY THE STATE ENGINEER.

\*

THE 60" X 60" SIGN SIZE APPLIES TO THOSE SIGNS WITH ONE U.S. SHIELD AND ONE STATE SHIELD, OR TWO STATE SHIELDS MARKED EAST AND WEST. FOR SIGNS WITH TWO U.S. SHIELDS OR TWO STATE SHIELDS OR TWO STATE SHIELDS MARKED NORTH AND SOUTH, THE SIZE SHALL BE 72" X 60"

| DIMENSIONS (MILLIMETERS) |      |    |           |     |     |           |     |        |
|--------------------------|------|----|-----------|-----|-----|-----------|-----|--------|
| A                        | B    | C  | D         | E   | F   | ARROW     | H   | SHIELD |
| 1500                     | 1500 | 19 | 200D/150D | 125 | 600 | 213 X 250 | 150 | 600    |

| DIMENSIONS (INCHES) |    |     |       |   |    |            |   |        |
|---------------------|----|-----|-------|---|----|------------|---|--------|
| A                   | B  | C   | D     | E | F  | ARROW      | H | SHIELD |
| 60                  | 60 | 3/4 | 8D/6D | 5 | 24 | 8 1/2 X 10 | 6 | 24     |

## COLORS

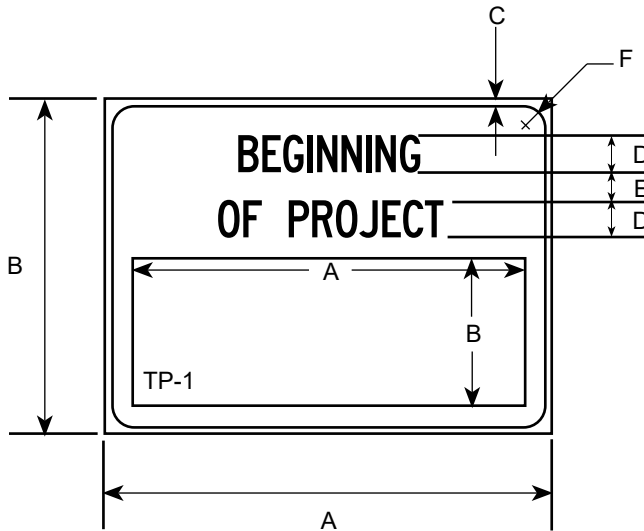
LEGEND - WHITE (REFL.)

BACKGROUND - GREEN (REFL.)

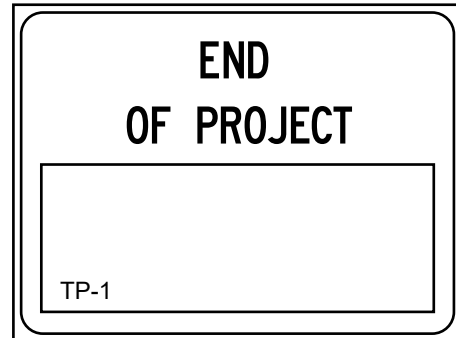
# P-I, P-2

11/97

## P-I



## P-2



| PANEL | DIMENSIONS (MILLIMETERS) |     |    |     |   |    |
|-------|--------------------------|-----|----|-----|---|----|
|       | A                        | B   | C  | D   | E | F  |
|       | 600                      | 450 | 16 | 50C | 9 | 38 |
| TP-1  | 525                      | 200 | —  | 31C | — | —  |

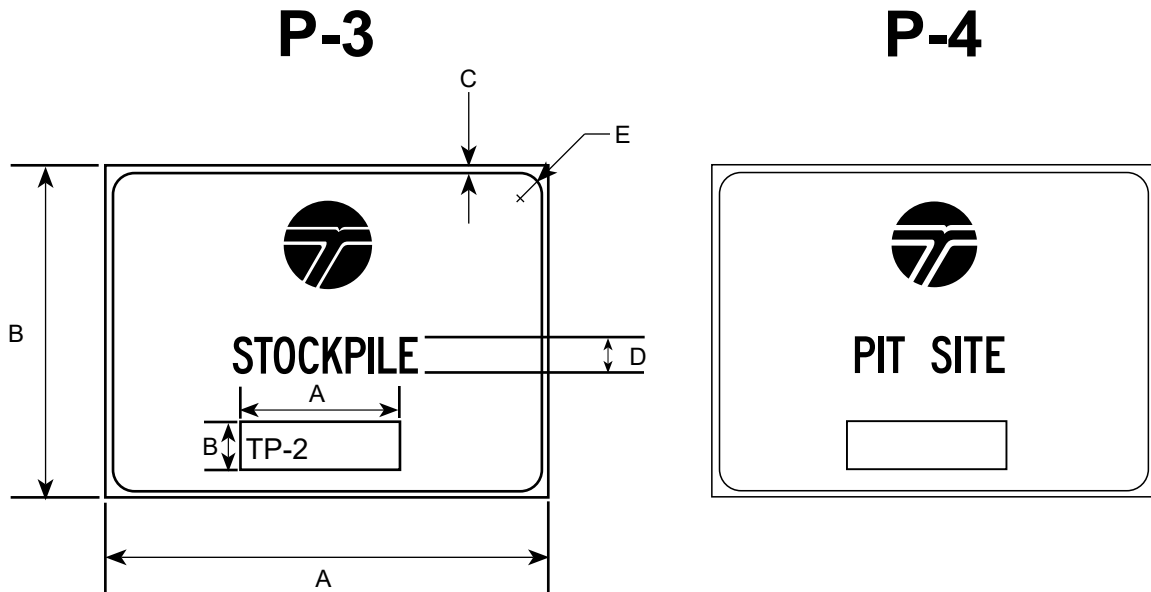
| PANEL | DIMENSIONS (INCHES) |    |     |        |     |       |
|-------|---------------------|----|-----|--------|-----|-------|
|       | A                   | B  | C   | D      | E   | F     |
|       | 24                  | 18 | 5/8 | 2C     | 3/8 | 1 1/2 |
| TP-1  | 21                  | 8  | —   | 1 1/4C | —   | —     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# P-3, P-4

11/97



| PANEL | DIMENSIONS (MILLIMETERS) |     |    |     |    |
|-------|--------------------------|-----|----|-----|----|
|       | A                        | B   | C  | D   | E  |
|       | 600                      | 450 | 16 | 50C | 38 |
| TP-2  | 200                      | 75  | —  | 50C | —  |

| PANEL | DIMENSIONS (INCHES) |    |     |    |       |
|-------|---------------------|----|-----|----|-------|
|       | A                   | B  | C   | D  | E     |
|       | 24                  | 18 | 5/8 | 2C | 1 1/2 |
| TP-2  | 8                   | 3  | —   | 2C | —     |

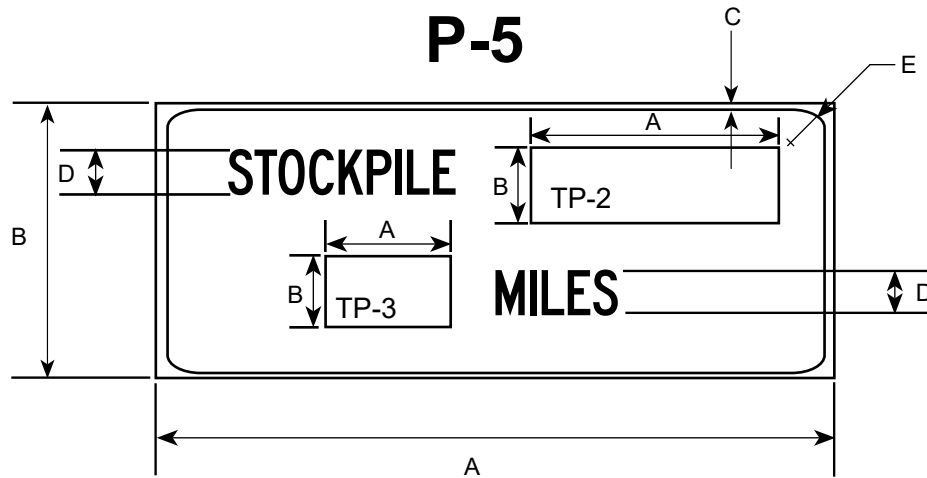
## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

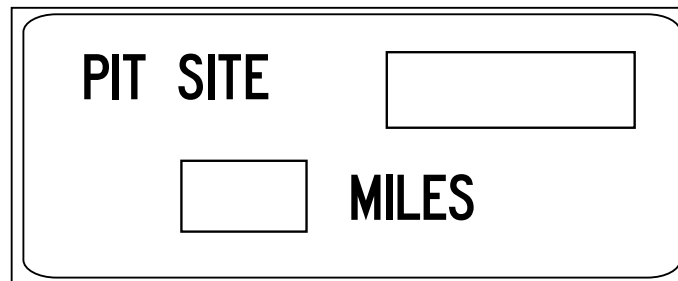
# P-5, P-6

11/97

## P-5



## P-6



| PANEL | DIMENSIONS (MILLIMETERS) |     |    |     |    |
|-------|--------------------------|-----|----|-----|----|
|       | A                        | B   | C  | D   | E  |
|       | 600                      | 450 | 16 | 50C | 38 |
| TP-2  | 200                      | 75  | —  | 50C | —  |
| TP-3  | 100                      | 75  | —  | 50C | —  |

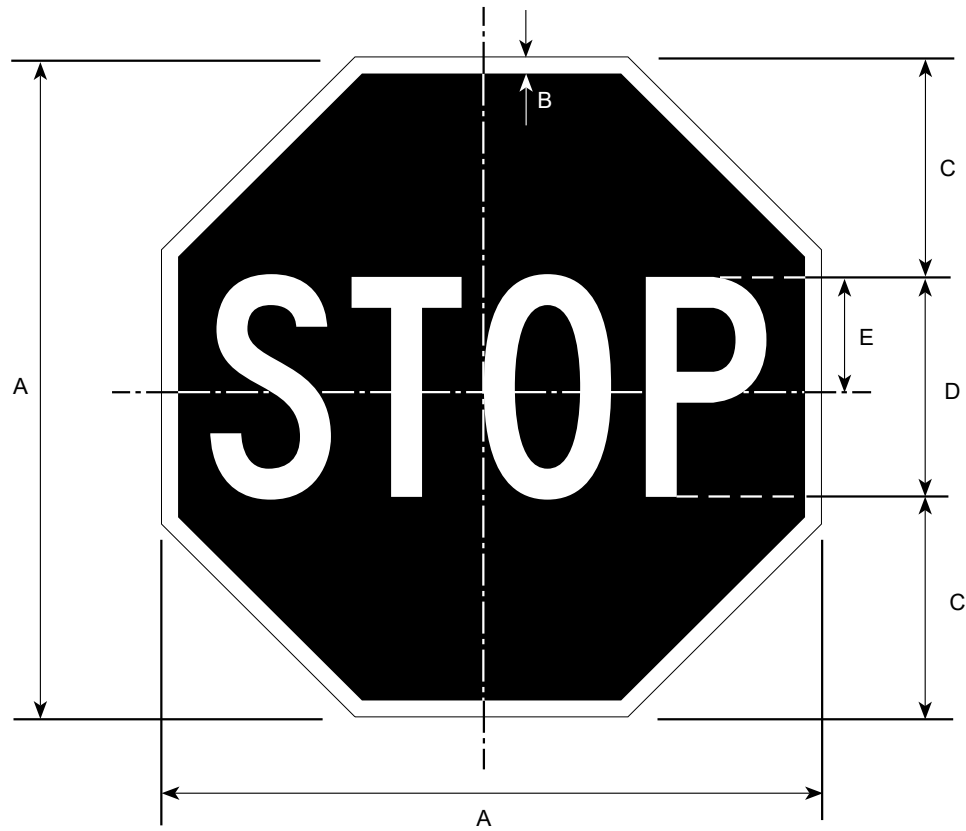
| PANEL | DIMENSIONS (INCHES) |    |     |    |       |
|-------|---------------------|----|-----|----|-------|
|       | A                   | B  | C   | D  | E     |
|       | 24                  | 18 | 5/8 | 2C | 1 1/2 |
| TP-2  | 8                   | 3  | —   | 2C | —     |
| TP-3  | 4                   | 3  | —   | 2C | —     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# R1-1

11/97



| DIMENSIONS (MILLIMETERS) |    |     |      |     |
|--------------------------|----|-----|------|-----|
| A                        | B  | C   | D    | E   |
| 450                      | 9  | 150 | 150C | 75  |
| 600                      | 16 | 200 | 200C | 100 |
| 750                      | 19 | 250 | 250C | 125 |
| 900                      | 22 | 300 | 300C | 150 |
| 1200                     | 31 | 400 | 400C | 200 |

| DIMENSIONS (INCHES) |       |    |     |   |
|---------------------|-------|----|-----|---|
| A                   | B     | C  | D   | E |
| 18                  | 3/8   | 6  | 6C  | 3 |
| 24                  | 5/8   | 8  | 8C  | 4 |
| 30                  | 3/4   | 10 | 10C | 5 |
| 36                  | 7/8   | 12 | 12C | 6 |
| 48                  | 1 1/4 | 16 | 16C | 8 |

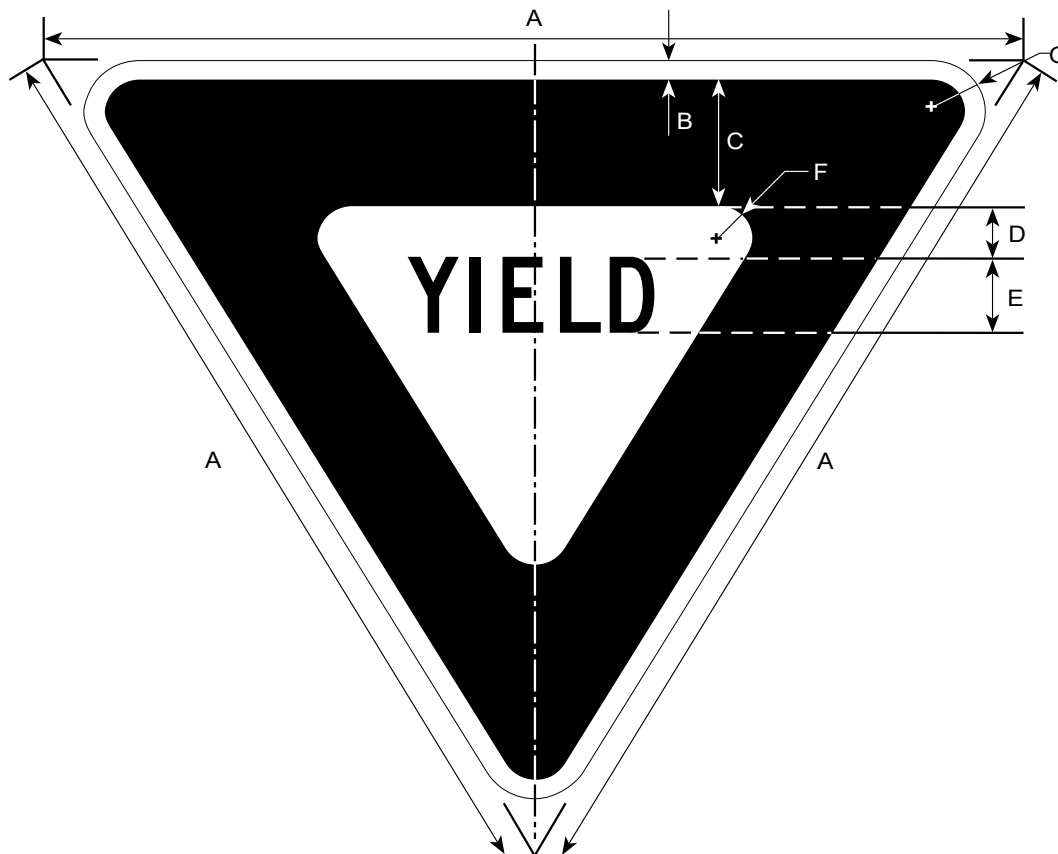
## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - RED (REFL)



# R1-2

11/97



| DIMENSIONS (MILLIMETERS) |    |     |    |      |    |     |
|--------------------------|----|-----|----|------|----|-----|
| A                        | B  | C   | D  | E    | F  | G   |
| 600                      | 9  | 75  | 34 | 50C  | 22 | 38  |
| 750                      | 16 | 100 | 44 | 63C  | 22 | 38  |
| 900                      | 19 | 125 | 50 | 75C  | 31 | 50  |
| 1200                     | 25 | 150 | 69 | 100C | 50 | 75  |
| 1500                     | 38 | 200 | 88 | 125C | 63 | 100 |

| DIMENSIONS (INCHES) |       |   |       |        |       |       |
|---------------------|-------|---|-------|--------|-------|-------|
| A                   | B     | C | D     | E      | F     | G     |
| 24                  | 3/8   | 3 | 1 3/8 | 2C     | 7/8   | 1 1/2 |
| 30                  | 5/8   | 4 | 1 3/4 | 2 1/2C | 7/8   | 1 1/2 |
| 36                  | 3/4   | 5 | 2     | 3C     | 1 1/4 | 2     |
| 48                  | 1     | 6 | 2 3/4 | 4C     | 2     | 3     |
| 60                  | 1 1/2 | 8 | 3 1/2 | 5C     | 2 1/2 | 4     |

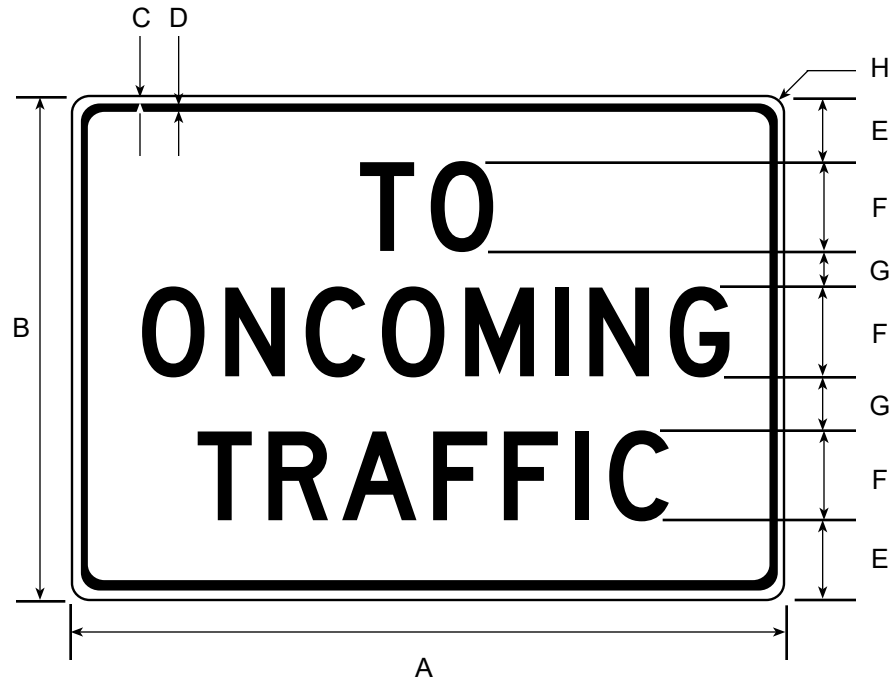
## COLORS

LEGEND - RED (REFL)

BACKGROUND - WHITE (REFL)

# R1-2A

6/03



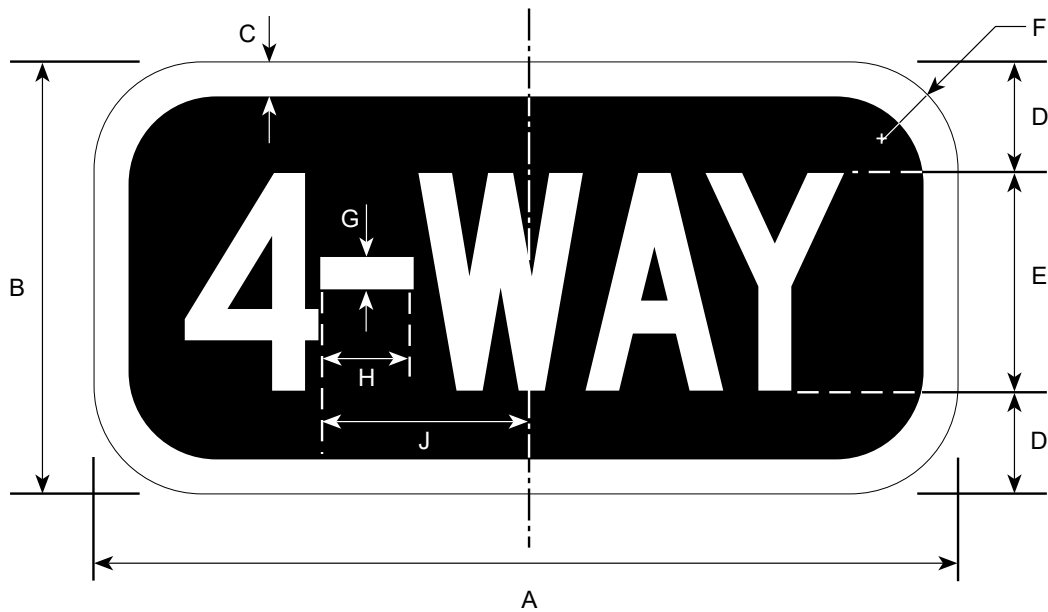
| DIMENSIONS (MILLIMETERS) |     |   |    |    |     |    |    |
|--------------------------|-----|---|----|----|-----|----|----|
| A                        | B   | C | D  | E  | F   | G  | H  |
| 600                      | 450 | 9 | 16 | 63 | 75D | 50 | 38 |

| DIMENSIONS (INCHES) |    |     |     |       |    |   |       |
|---------------------|----|-----|-----|-------|----|---|-------|
| A                   | B  | C   | D   | E     | F  | G | H     |
| 24                  | 18 | 3/8 | 5/8 | 2 1/2 | 3D | 2 | 1 1/2 |

COLORS  
 LEGEND - BLACK  
 BACKGROUND - WHITE (REFL)

# R1-3

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |     |    |    |    |    |
|--------------------------|-----|----|----|-----|----|----|----|----|
| A                        | B   | C  | D  | E   | F  | G  | H  | J  |
| 300                      | 150 | 13 | 38 | 75C | 38 | 11 | 27 | 69 |

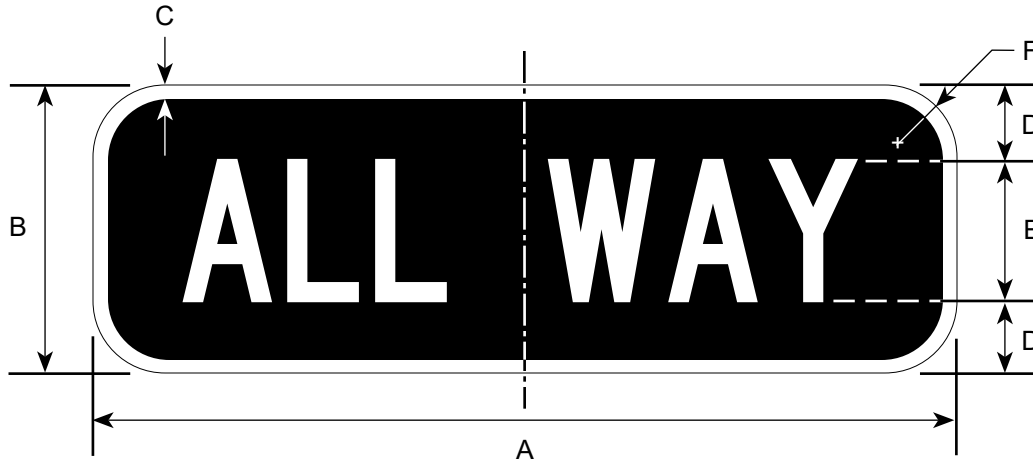
| DIMENSIONS (INCHES) |   |     |       |    |       |       |        |       |
|---------------------|---|-----|-------|----|-------|-------|--------|-------|
| A                   | B | C   | D     | E  | F     | G     | H      | J     |
| 12                  | 6 | 1/2 | 1 1/2 | 3C | 1 1/2 | 27/64 | 1 1/16 | 2 3/4 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - RED (REFL)

# R1-4

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |     |    |
|--------------------------|-----|----|----|-----|----|
| A                        | B   | C  | D  | E   | F  |
| 450                      | 150 | 13 | 38 | 75C | 38 |

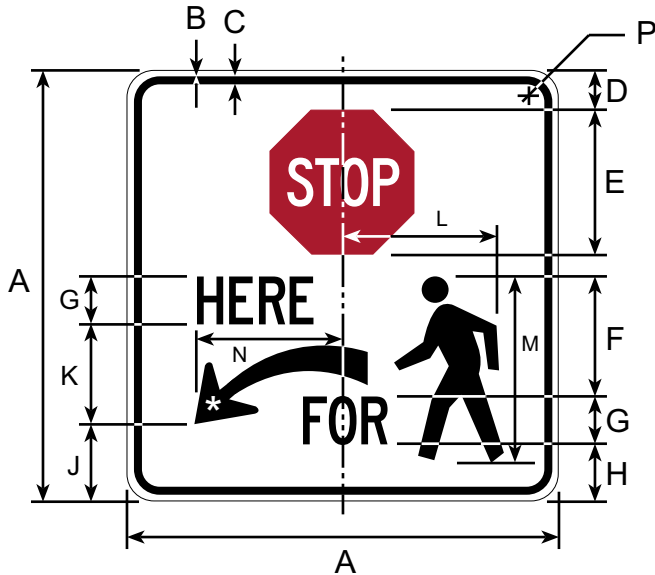
| DIMENSIONS (INCHES) |   |     |       |    |       |
|---------------------|---|-----|-------|----|-------|
| A                   | B | C   | D     | E  | F     |
| 18                  | 6 | 1/2 | 1 1/2 | 3C | 1 1/2 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - RED (REFL)

# R1-5L

2/06



## R1-5R



| DIMENSIONS (MILLIMETERS) |    |    |    |     |     |      |     |     |     |     |     |     |    |
|--------------------------|----|----|----|-----|-----|------|-----|-----|-----|-----|-----|-----|----|
| A                        | B  | C  | D  | E   | F   | G    | H   | J   | K   | L   | M   | N   | P  |
| 450                      | 9  | 16 | 41 | 144 | 125 | 50C  | 60  | 75  | 109 | 165 | 193 | 165 | 38 |
| 750                      | 13 | 19 | 69 | 256 | 213 | 75C  | 106 | 125 | 181 | 275 | 325 | 275 | 47 |
| 900                      | 16 | 22 | 81 | 319 | 250 | 100C | 119 | 150 | 219 | 331 | 391 | 331 | 56 |

| DIMENSIONS (INCHES) |     |     |       |        |       |    |       |   |       |        |        |        |       |
|---------------------|-----|-----|-------|--------|-------|----|-------|---|-------|--------|--------|--------|-------|
| A                   | B   | C   | D     | E      | F     | G  | H     | J | K     | L      | M      | N      | P     |
| 18                  | 3/8 | 5/8 | 1 5/8 | 5 3/4  | 5     | 2C | 2 3/8 | 3 | 4 3/8 | 6 5/8  | 7 3/4  | 6 5/8  | 1 1/2 |
| 30                  | 1/2 | 3/4 | 2 3/4 | 10 1/4 | 8 1/2 | 3C | 4 1/4 | 5 | 7 1/4 | 11     | 13     | 11     | 1 7/8 |
| 36                  | 5/8 | 7/8 | 3 1/4 | 12 3/4 | 10    | 4C | 4 3/4 | 6 | 8 3/4 | 13 1/4 | 15 5/8 | 13 1/4 | 2 1/4 |

\* See R10-6A for arrow details

## COLORS

SIGN LEGEND, ARROW, & PEDESTRIAN SYMBOL - BLACK (NON-REFL)

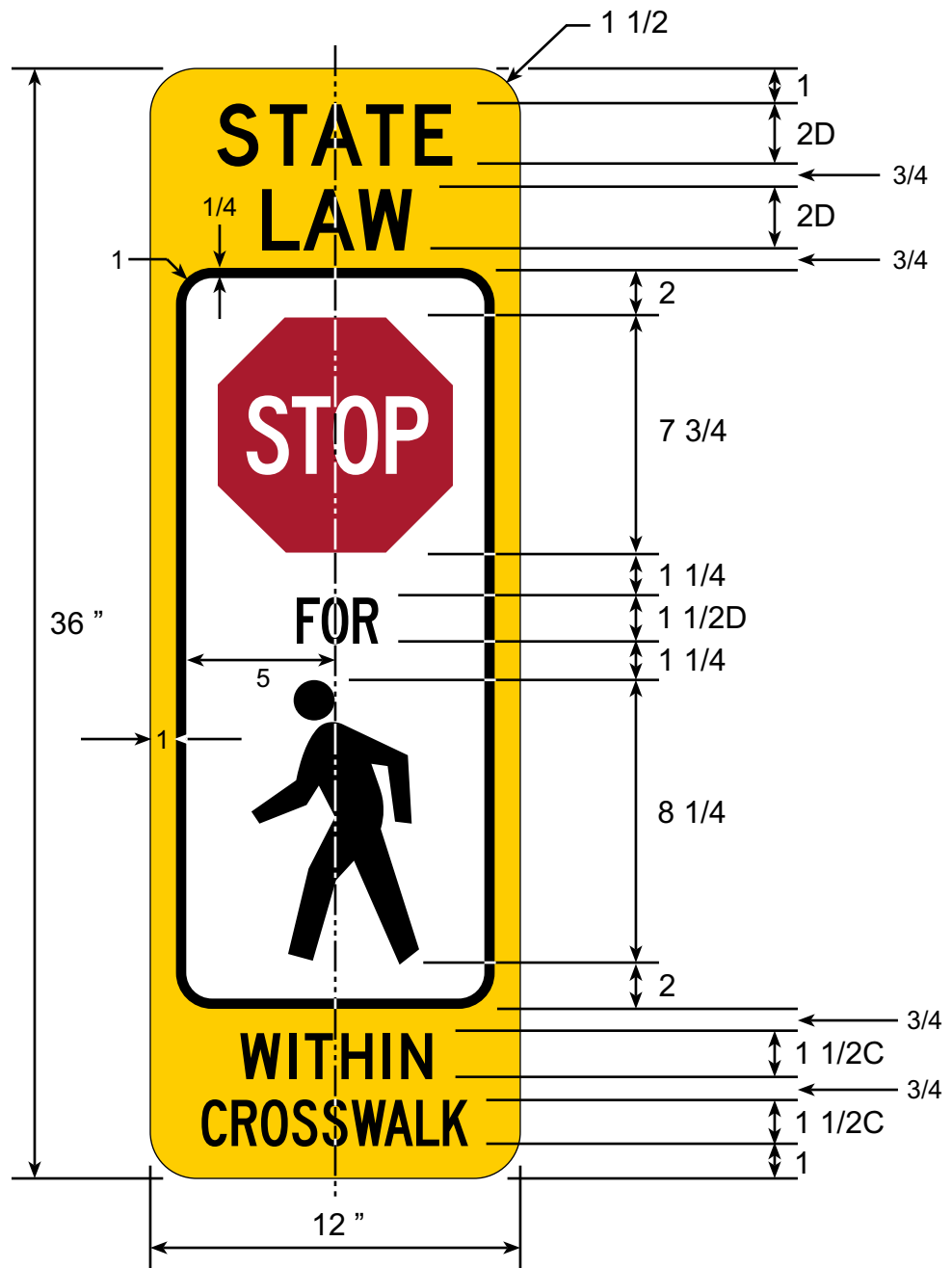
BACKGROUND - WHITE (REFL)

STOP SYMBOL - RED (REFL)

STOP LEGEND - WHITE (REFL)

# R1-6A

2/06

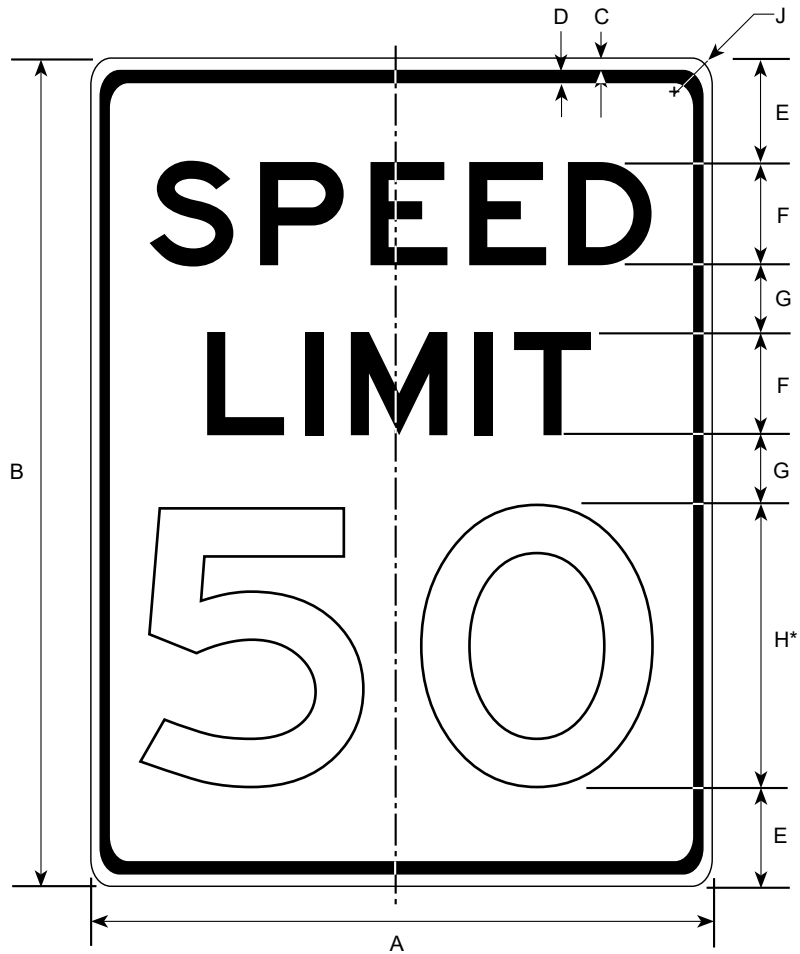


## COLORS

- LEGEND - BLACK (NON-REFL)
- BACKGROUND - YELLOW OR FLOURESCENT YELLOW-GREEN (REFL)
- PED SYMBOL - BLACK (NON-REFL) ON WHITE (REFL)
- STOP SYMBOL - RED (REFL)
- STOP LEGEND - WHITE (REFL)

# R2-1

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |      |    |
|--------------------------|------|----|----|-----|------|-----|------|----|
| A                        | B    | C  | D  | E   | F    | G   | H    | J  |
| 450                      | 600  | 9  | 16 | 75  | 75E  | 50  | 200E | 38 |
| 600                      | 750  | 9  | 16 | 100 | 100E | 50  | 250E | 38 |
| 750                      | 900  | 13 | 19 | 100 | 125E | 75  | 300E | 47 |
| 900                      | 1200 | 16 | 22 | 150 | 150E | 125 | 350E | 56 |
| 1200                     | 1500 | 19 | 31 | 200 | 200E | 150 | 400E | 75 |

| DIMENSIONS (INCHES) |    |     |       |   |    |   |     |       |
|---------------------|----|-----|-------|---|----|---|-----|-------|
| A                   | B  | C   | D     | E | F  | G | H   | J     |
| 18                  | 24 | 3/8 | 5/8   | 3 | 3E | 2 | 8E  | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8   | 4 | 4E | 2 | 10E | 1 1/2 |
| 30                  | 36 | 1/2 | 3/4   | 4 | 5E | 3 | 12E | 1 7/8 |
| 36                  | 48 | 5/8 | 7/8   | 6 | 6E | 5 | 14E | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 8 | 8E | 6 | 16E | 3     |

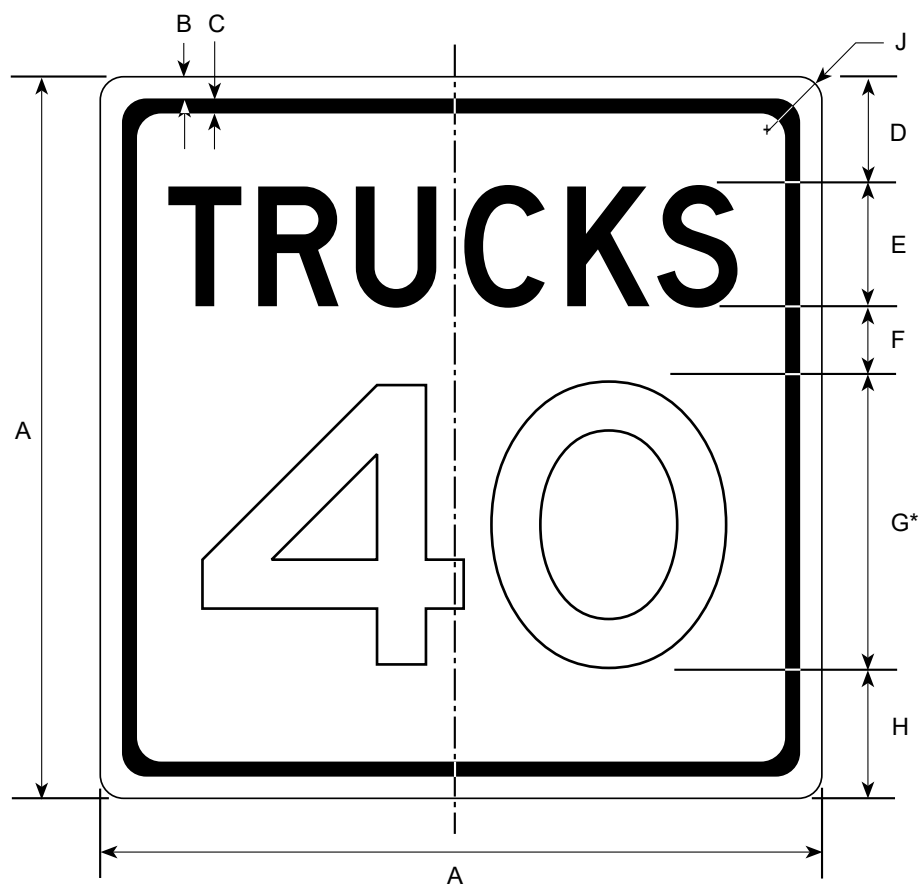
## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

\* Optically space numerals  
about vertical centerline

# R2-2

11/97



| DIMENSIONS (MILLIMETERS) |    |    |     |      |     |      |     |    |
|--------------------------|----|----|-----|------|-----|------|-----|----|
| A                        | B  | C  | D   | E    | F   | G    | H   | J  |
| 450                      | 9  | 16 | 69  | 75D  | 44  | 200E | 63  | 38 |
| 600                      | 9  | 16 | 100 | 100D | 63  | 250E | 88  | 38 |
| 900                      | 16 | 22 | 150 | 150D | 100 | 350E | 150 | 56 |
| 1200                     | 19 | 31 | 200 | 200D | 200 | 400E | 200 | 75 |

| DIMENSIONS (INCHES) |     |       |       |    |       |     |       |       |
|---------------------|-----|-------|-------|----|-------|-----|-------|-------|
| A                   | B   | C     | D     | E  | F     | G   | H     | J     |
| 18                  | 3/8 | 5/8   | 2 3/4 | 3D | 1 3/4 | 8E  | 2 1/2 | 1 1/2 |
| 24                  | 3/8 | 5/8   | 4     | 4D | 2 1/2 | 10E | 3 1/2 | 1 1/2 |
| 36                  | 5/8 | 7/8   | 6     | 6D | 4     | 14E | 6     | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8     | 8D | 8     | 16E | 8     | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

\* Optically space numerals  
about vertical centerline



# R2-3

11/97



\* OPTICALLY SPACE NUMERALS ABOUT VERTICAL CENTERLINE

| DIMENSIONS (MILLIMETERS) |    |     |      |     |      |    |
|--------------------------|----|-----|------|-----|------|----|
| A                        | B  | C   | D    | E   | F    | G  |
| 450                      | 13 | 75  | 50E  | 50  | 200E | 38 |
| 600                      | 13 | 100 | 75E  | 75  | 250E | 38 |
| 900                      | 19 | 163 | 100E | 125 | 350E | 56 |
| 1200                     | 25 | 225 | 150E | 200 | 400E | 75 |

| DIMENSIONS (INCHES) |     |       |    |   |     |       |
|---------------------|-----|-------|----|---|-----|-------|
| A                   | B   | C     | D  | E | F   | G     |
| 18                  | 1/2 | 3     | 2E | 2 | 8E  | 1 1/2 |
| 24                  | 1/2 | 4     | 3E | 3 | 10E | 1 1/2 |
| 36                  | 3/4 | 6 1/2 | 4E | 5 | 14E | 2 1/4 |
| 48                  | 1   | 9     | 6E | 8 | 16E | 3     |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BLACK (NON-REFL)

# R2-4

11/97



\* OPTICALLY SPACE NUMERALS ABOUT VERTICAL CENTER LINE

| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |      |    |
|--------------------------|------|----|----|-----|------|-----|------|----|
| A                        | B    | C  | D  | E   | F    | G   | H    | J  |
| 600                      | 750  | 9  | 16 | 100 | 100C | 50  | 250D | 38 |
| 900                      | 1200 | 16 | 22 | 150 | 150C | 125 | 350D | 56 |
| 1200                     | 1500 | 19 | 31 | 200 | 200C | 150 | 400D | 75 |

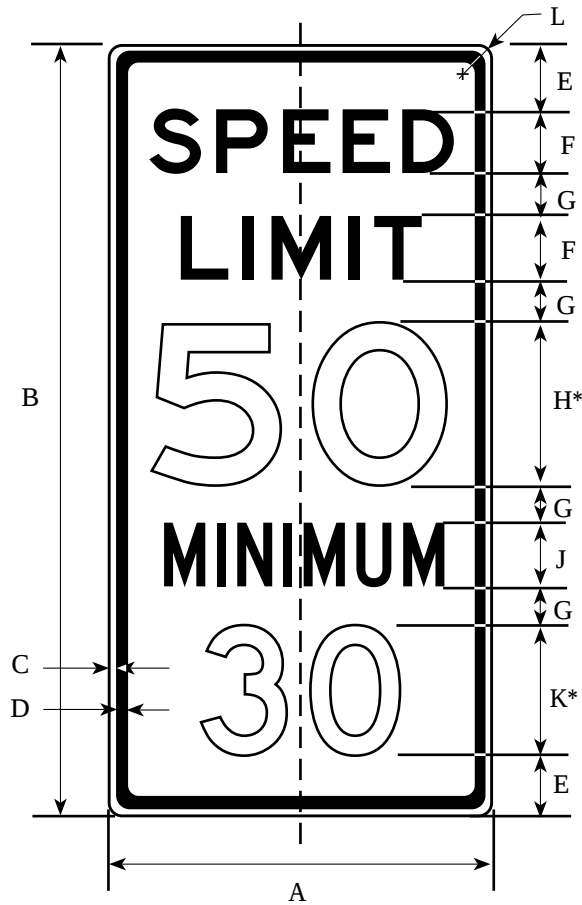
| DIMENSIONS (INCHES) |    |     |       |   |    |   |     |       |
|---------------------|----|-----|-------|---|----|---|-----|-------|
| A                   | B  | C   | D     | E | F  | G | H   | J     |
| 24                  | 30 | 3/8 | 5/8   | 4 | 4C | 2 | 10D | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8   | 6 | 6C | 5 | 14D | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 8 | 8C | 6 | 16D | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R2-4A

6/00



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |       |      |      |      |    |
|--------------------------|------|----|----|-----|------|-------|------|------|------|----|
| A                        | B    | C  | D  | E   | F    | G     | H    | J    | K    | L  |
| 600                      | 1200 | 9  | 16 | 100 | 100E | 63    | 250E | 100C | 200D | 38 |
| 900                      | 1800 | 16 | 22 | 150 | 150E | 100   | 350E | 150C | 300D | 56 |
| 1200                     | 2400 | 19 | 31 | 200 | 200E | 162.5 | 400E | 200C | 350D | 75 |

| DIMENSIONS (INCHES) |    |     |       |   |    |       |     |    |     |       |
|---------------------|----|-----|-------|---|----|-------|-----|----|-----|-------|
| A                   | B  | C   | D     | E | F  | G     | H   | J  | K   | L     |
| 24                  | 48 | 3/8 | 5/8   | 4 | 4E | 2 1/2 | 10E | 4C | 8D  | 1 1/2 |
| 36                  | 72 | 5/8 | 7/8   | 6 | 6E | 4     | 14E | 6C | 12D | 2 1/4 |
| 48                  | 96 | 3/4 | 1 1/4 | 8 | 8E | 6 1/2 | 16E | 8C | 14D | 3     |

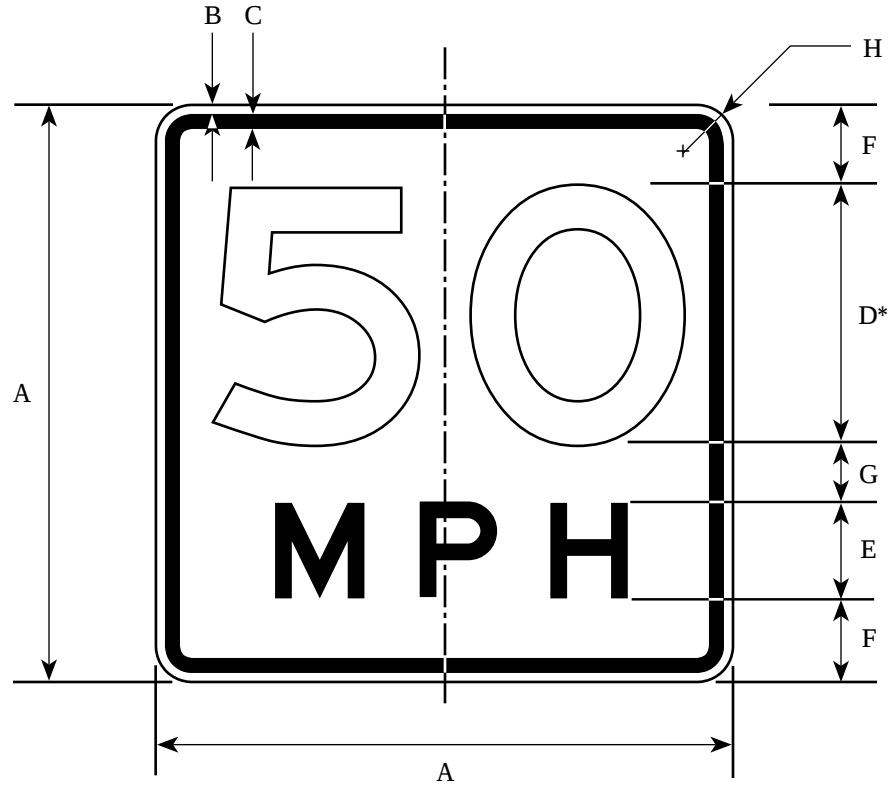
\* Optically space numerals about vertical centerline.

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R2-501

6/00



| DIMENSIONS (MILLIMETERS) |    |    |      |      |     |     |    |
|--------------------------|----|----|------|------|-----|-----|----|
| A                        | B  | C  | D    | E    | F   | G   | H  |
| 450                      | 9  | 9  | 200E | 75E  | 66  | 43  | 38 |
| 600                      | 9  | 16 | 250E | 100E | 100 | 50  | 38 |
| 750                      | 13 | 19 | 300E | 125E | 119 | 87  | 47 |
| 900                      | 19 | 22 | 375E | 150E | 13  | 100 | 56 |
| 1200                     | 19 | 28 | 450E | 175E | 200 | 75  | 72 |

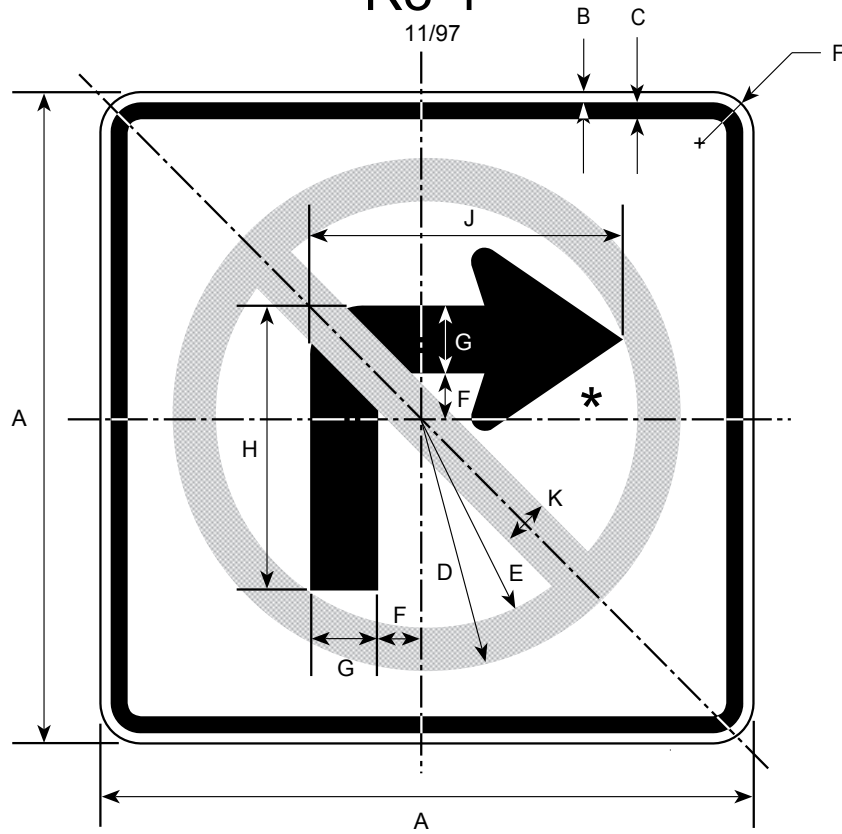
| DIMENSIONS (INCHES) |     |       |     |    |       |       |       |
|---------------------|-----|-------|-----|----|-------|-------|-------|
| A                   | B   | C     | D   | E  | F     | G     | H     |
| 18                  | 3/8 | 3/8   | 8E  | 3E | 2 5/8 | 1 3/4 | 1 1/2 |
| 24                  | 3/8 | 5/8   | 10E | 4E | 4     | 2     | 1 1/2 |
| 30                  | 1/2 | 3/4   | 12E | 5E | 4 3/4 | 3 1/2 | 1 7/8 |
| 36                  | 3/4 | 7/8   | 15E | 6E | 5 1/2 | 4     | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 18E | 7E | 8     | 7     | 2 7/8 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

\* Optically space numerals  
about vertical centerline

# R3-1



\* See appendix for standard arrow details

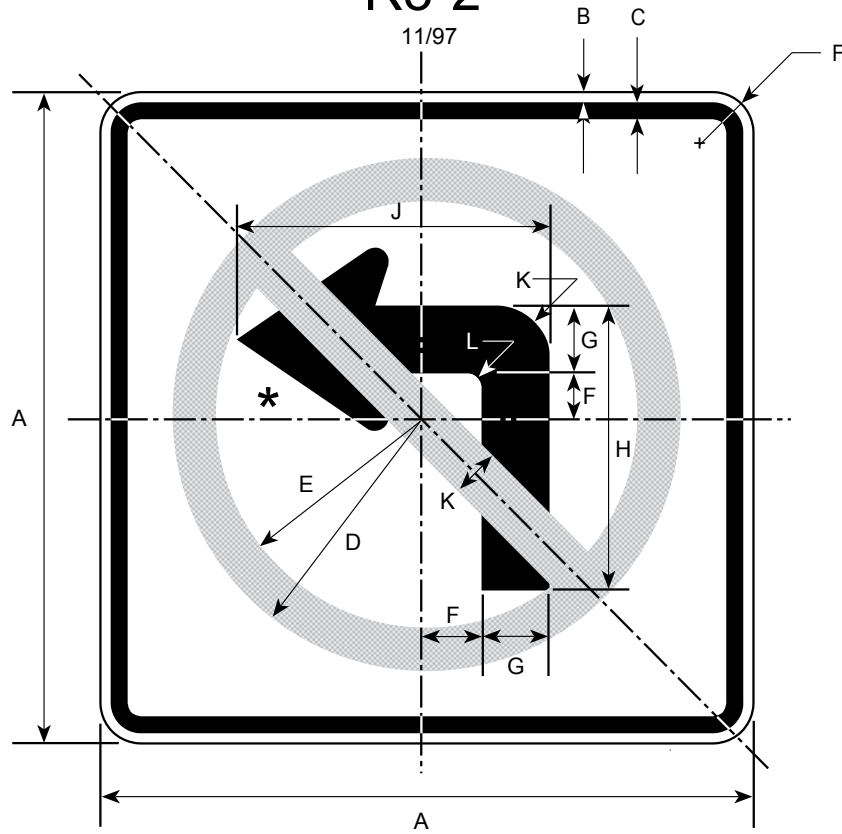
| DIMENSIONS (MILLIMETERS) |    |    |     |     |    |     |     |     |     |
|--------------------------|----|----|-----|-----|----|-----|-----|-----|-----|
| A                        | B  | C  | D   | E   | F  | G   | H   | J   | K   |
| 600                      | 9  | 16 | 263 | 213 | 38 | 63  | 263 | 288 | 50  |
| 750                      | 13 | 19 | 328 | 266 | 47 | 78  | 328 | 363 | 63  |
| 900                      | 16 | 22 | 394 | 319 | 56 | 94  | 394 | 431 | 75  |
| 1200                     | 19 | 31 | 525 | 425 | 75 | 125 | 525 | 575 | 100 |

| DIMENSIONS (INCHES) |     |       |        |        |       |       |        |        |       |
|---------------------|-----|-------|--------|--------|-------|-------|--------|--------|-------|
| A                   | B   | C     | D      | E      | F     | G     | H      | J      | K     |
| 24                  | 3/8 | 5/8   | 10 1/2 | 8 1/2  | 1 1/2 | 2 1/2 | 10 1/2 | 11 1/2 | 2     |
| 30                  | 1/2 | 3/4   | 13 1/8 | 10 5/8 | 1 7/8 | 3 1/8 | 13 1/8 | 14 1/2 | 2 1/2 |
| 36                  | 5/8 | 7/8   | 15 3/4 | 12 3/4 | 2 1/4 | 3 3/4 | 15 3/4 | 17 1/4 | 3     |
| 48                  | 3/4 | 1 1/4 | 21     | 17     | 3     | 5     | 21     | 23     | 4     |

## COLORS

CIRCLE, DIAGONAL — RED (REFL)  
 SYMBOL, BORDER, LEGEND — BLACK (NON-REFL)  
 BACKGROUND — WHITE (REFL)

# R3-2



\* See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |    |    |     |     |    |     |     |     |     |    |
|--------------------------|----|----|-----|-----|----|-----|-----|-----|-----|----|
| A                        | B  | C  | D   | E   | F  | G   | H   | J   | K   | L  |
| 600                      | 9  | 16 | 263 | 213 | 38 | 63  | 263 | 288 | 50  | 13 |
| 750                      | 13 | 19 | 328 | 266 | 47 | 78  | 328 | 363 | 63  | 16 |
| 900                      | 16 | 22 | 394 | 319 | 56 | 94  | 394 | 431 | 75  | 19 |
| 1200                     | 19 | 31 | 525 | 425 | 75 | 125 | 525 | 575 | 100 | 25 |

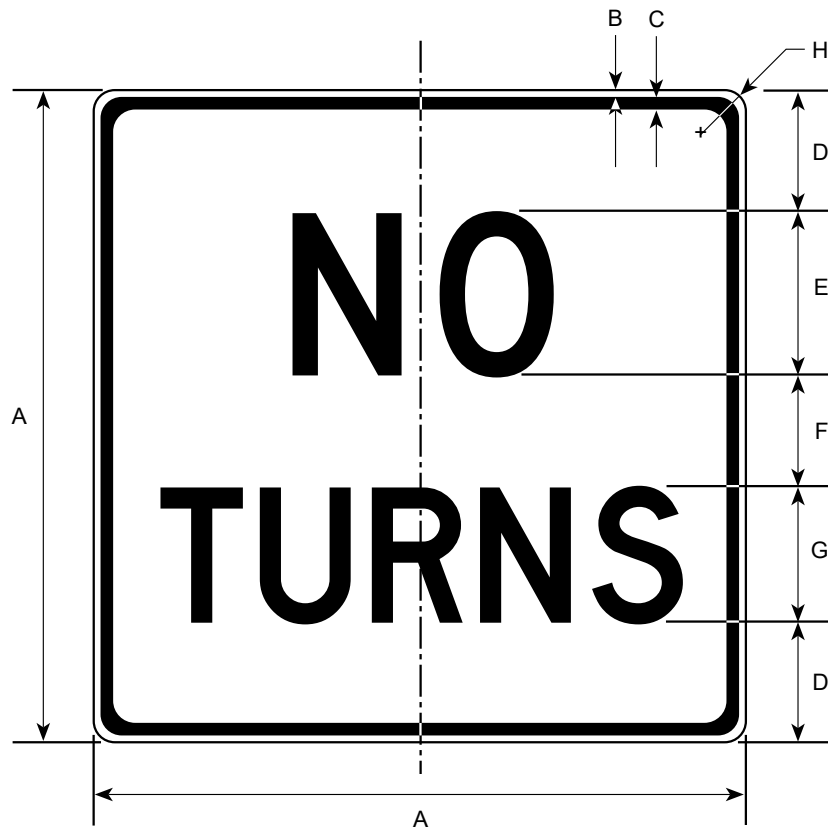
| DIMENSIONS (INCHES) |     |       |        |        |       |       |        |        |       |     |
|---------------------|-----|-------|--------|--------|-------|-------|--------|--------|-------|-----|
| A                   | B   | C     | D      | E      | F     | G     | H      | J      | K     | L   |
| 24                  | 3/8 | 5/8   | 10 1/2 | 8 1/2  | 1 1/2 | 2 1/2 | 10 1/2 | 11 1/2 | 2     | 1/2 |
| 30                  | 1/2 | 3/4   | 13 1/8 | 10 5/8 | 1 7/8 | 3 1/8 | 13 1/8 | 14 1/2 | 2 1/2 | 5/8 |
| 36                  | 5/8 | 7/8   | 15 3/4 | 12 3/4 | 2 1/4 | 3 3/4 | 15 3/4 | 17 1/4 | 3     | 3/4 |
| 48                  | 3/4 | 1 1/4 | 21     | 17     | 3     | 5     | 21     | 23     | 4     | 1   |

## COLORS

CIRCLE, DIAGONAL — RED (REFL)  
 SYMBOL, BORDER, LEGEND — BLACK (NON-REFL)  
 BACKGROUND — WHITE (REFL)

# R3-3

11/97



\* Reduce spacing 35%

| DIMENSIONS (MILLIMETERS) |    |    |     |      |     |      |    |
|--------------------------|----|----|-----|------|-----|------|----|
| A                        | B  | C  | D   | E    | F   | G    | H  |
| 600                      | 9  | 16 | 113 | 150D | 100 | 125D | 38 |
| 900                      | 16 | 22 | 150 | 250D | 150 | 200D | 56 |
| 1200                     | 19 | 31 | 225 | 300D | 200 | 250D | 75 |

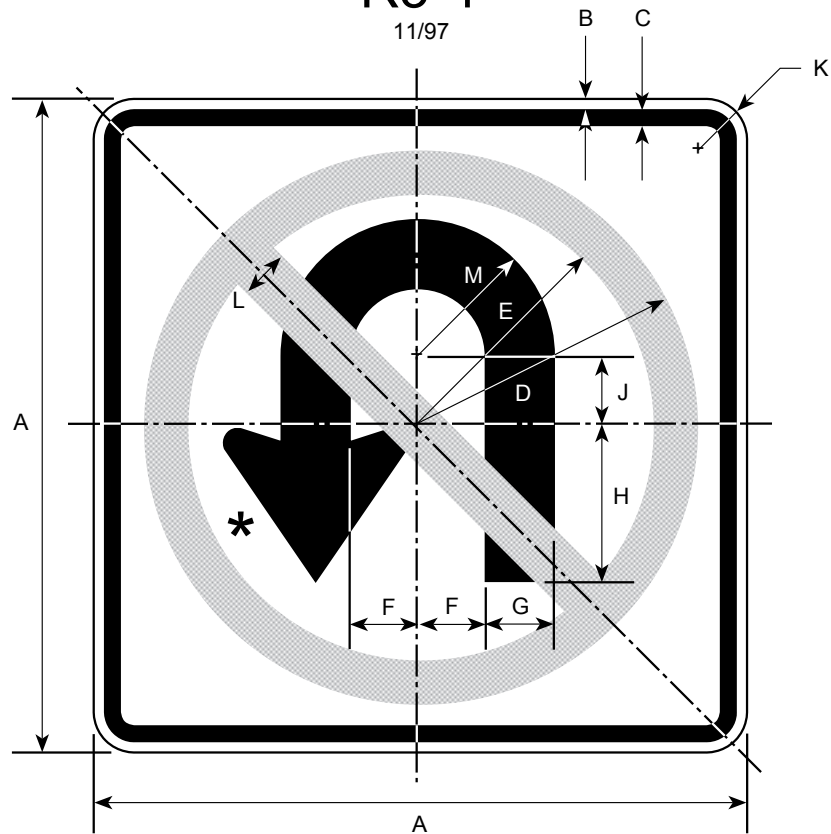
| DIMENSIONS (INCHES) |     |       |       |     |   |     |       |
|---------------------|-----|-------|-------|-----|---|-----|-------|
| A                   | B   | C     | D     | E   | F | G   | H     |
| 24                  | 3/8 | 5/8   | 4 1/2 | 6D  | 4 | 5D  | 1 1/2 |
| 36                  | 5/8 | 7/8   | 6     | 10D | 6 | 8D  | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 9     | 12D | 8 | 10D | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R3-4

11/97



\* See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |     |     |     |    |     |     |
|--------------------------|----|----|-----|-----|-----|-----|-----|-----|----|-----|-----|
| A                        | B  | C  | D   | E   | F   | G   | H   | J   | K  | L   | M   |
| 600                      | 9  | 16 | 263 | 213 | 63  | 63  | 150 | 56  | 38 | 50  | 125 |
| 750                      | 13 | 19 | 328 | 266 | 78  | 78  | 188 | 70  | 47 | 63  | 156 |
| 900                      | 16 | 22 | 394 | 319 | 94  | 94  | 225 | 84  | 56 | 75  | 188 |
| 1200                     | 19 | 31 | 525 | 425 | 125 | 125 | 300 | 113 | 75 | 100 | 250 |

| DIMENSIONS (INCHES) |     |       |        |        |       |       |       |         |       |       |       |
|---------------------|-----|-------|--------|--------|-------|-------|-------|---------|-------|-------|-------|
| A                   | B   | C     | D      | E      | F     | G     | H     | J       | K     | L     | M     |
| 24                  | 3/8 | 5/8   | 10 1/2 | 8 1/2  | 2 1/2 | 2 1/2 | 6     | 2 1/4   | 1 1/2 | 2     | 5     |
| 30                  | 1/2 | 3/4   | 13 1/8 | 10 5/8 | 3 1/8 | 3 1/8 | 7 1/2 | 2 13/16 | 1 7/8 | 2 1/2 | 6 1/4 |
| 36                  | 5/8 | 7/8   | 15 3/4 | 12 3/4 | 3 3/4 | 3 3/4 | 9     | 3 3/8   | 2 1/4 | 3     | 7 1/2 |
| 48                  | 3/4 | 1 1/4 | 21     | 17     | 5     | 5     | 12    | 4 1/2   | 3     | 4     | 10    |

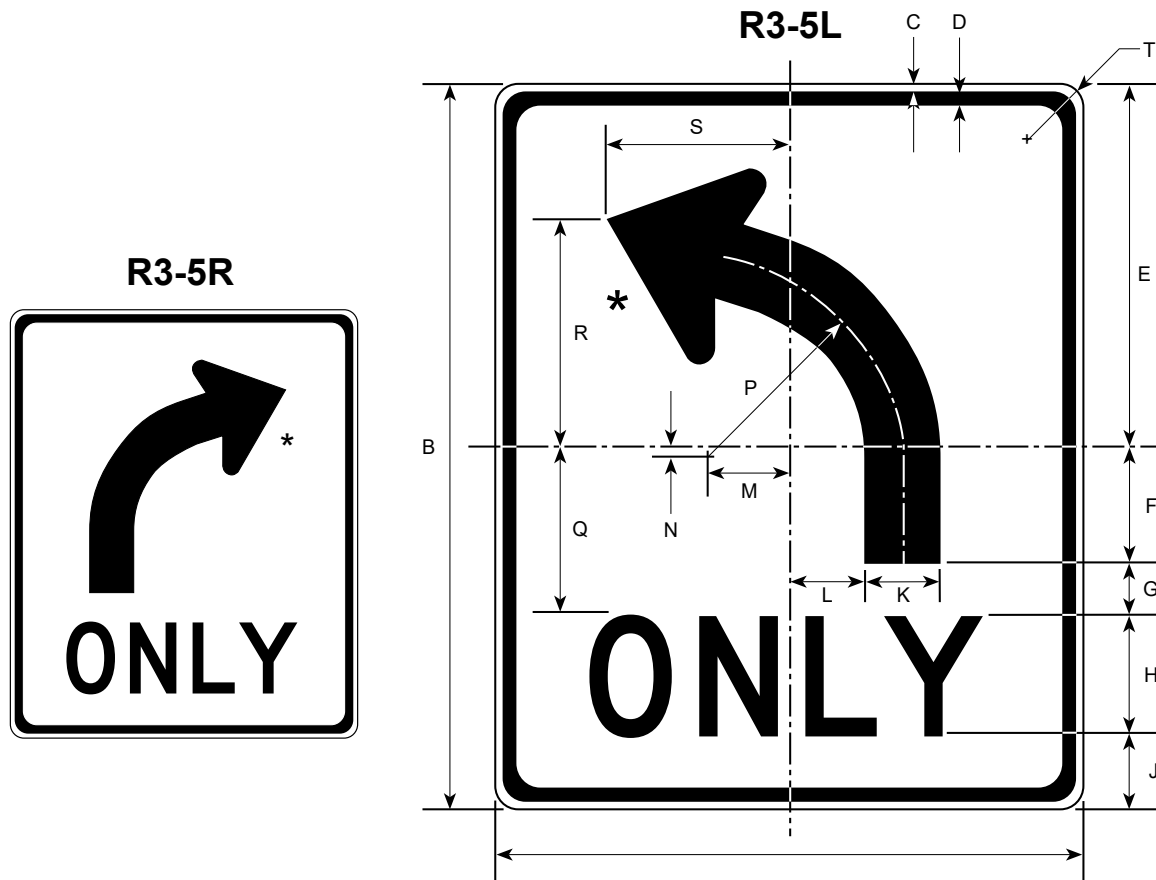
## COLORS

CIRCLE, DIAGONAL — RED (REFL)  
 SYMBOL, BORDER, LEGEND — BLACK (NON-REFL)  
 BACKGROUND — WHITE (REFL)



# R3-5L & R3-5R

07/00



★ See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |     |    |    |     |     |     |      |    |
|--------------------------|-----|----|----|-----|-----|-----|------|----|
| A                        | B   | C  | D  | E   | F   | G   | H    | J  |
| 750                      | 900 | 13 | 19 | 450 | 144 | 63  | 150D | 94 |
| K                        | L   | M  | N  | P   | Q   | R   | S    | T  |
| 94                       | 97  | 94 | 13 | 238 | 206 | 281 | 231  | 47 |

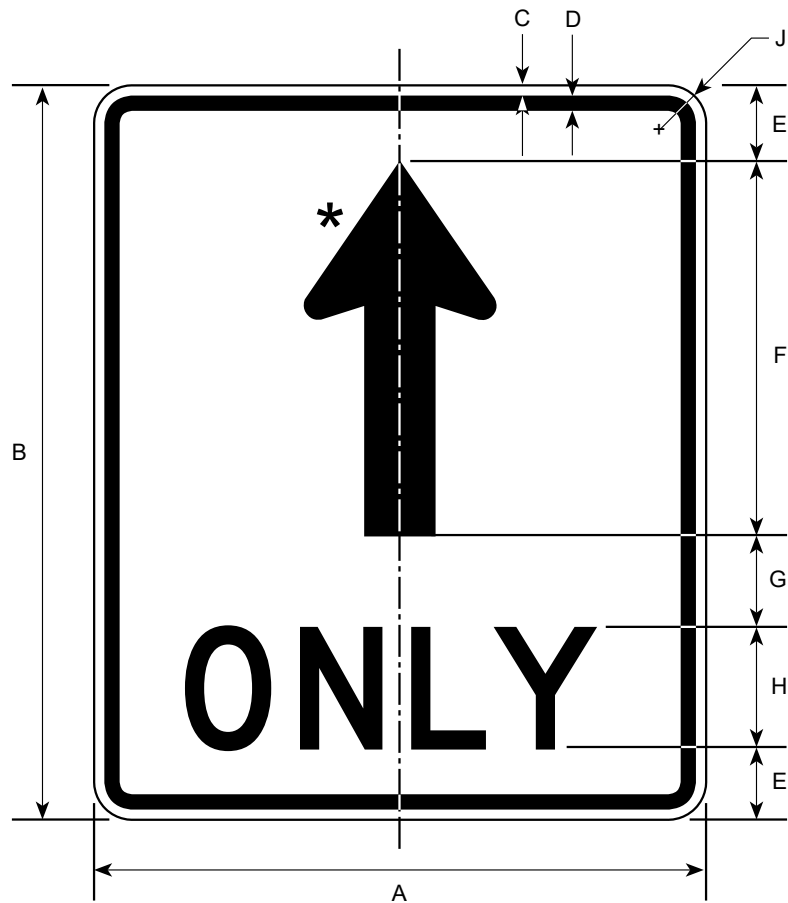
| DIMENSIONS (INCHES) |       |       |     |       |       |        |       |       |
|---------------------|-------|-------|-----|-------|-------|--------|-------|-------|
| A                   | B     | C     | D   | E     | F     | G      | H     | J     |
| 30                  | 36    | 1/2   | 3/4 | 18    | 5 3/4 | 2 1/2  | 6D    | 3 3/4 |
| K                   | L     | M     | N   | P     | Q     | R      | S     | T     |
| 3 3/4               | 3 7/8 | 3 3/4 | 1/2 | 9 1/2 | 8 1/4 | 11 1/4 | 9 1/4 | 1 7/8 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R3-501

11/97



\* See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |     |    |    |    |     |     |      |    |
|--------------------------|-----|----|----|----|-----|-----|------|----|
| A                        | B   | C  | D  | E  | F   | G   | H    | J  |
| 750                      | 900 | 13 | 19 | 94 | 450 | 113 | 150D | 47 |

| DIMENSIONS (INCHES) |    |     |     |       |    |       |    |       |
|---------------------|----|-----|-----|-------|----|-------|----|-------|
| A                   | B  | C   | D   | E     | F  | G     | H  | J     |
| 30                  | 36 | 1/2 | 3/4 | 3 3/4 | 18 | 4 1/2 | 6D | 1 7/8 |

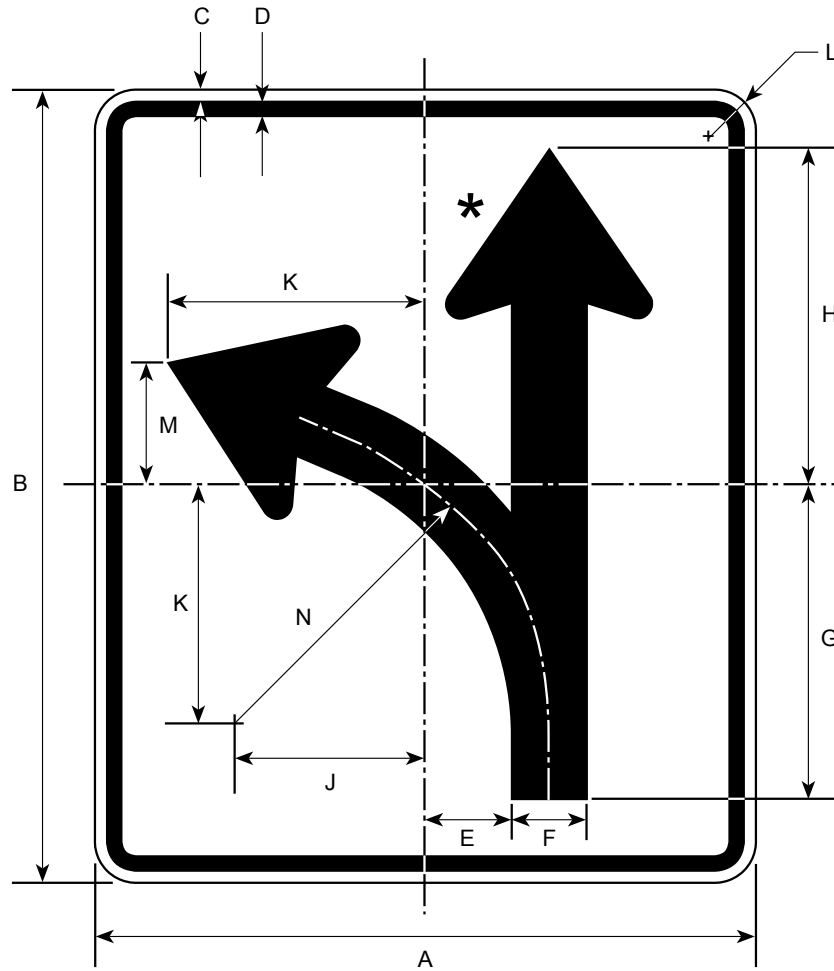
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

# R3-6

11/97



\* See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |     |    |    |    |    |     |     |     |     |    |     |     |
|--------------------------|-----|----|----|----|----|-----|-----|-----|-----|----|-----|-----|
| A                        | B   | C  | D  | E  | F  | G   | H   | J   | K   | L  | M   | N   |
| 750                      | 900 | 13 | 19 | 97 | 88 | 356 | 409 | 222 | 281 | 47 | 141 | 363 |

| DIMENSIONS (INCHES) |    |     |     |       |       |        |        |       |        |       |       |        |
|---------------------|----|-----|-----|-------|-------|--------|--------|-------|--------|-------|-------|--------|
| A                   | B  | C   | D   | E     | F     | G      | H      | J     | K      | L     | M     | N      |
| 30                  | 36 | 1/2 | 3/4 | 3 7/8 | 3 1/2 | 14 1/4 | 16 3/8 | 8 7/8 | 11 1/4 | 1 7/8 | 5 5/8 | 14 1/2 |

## COLORS

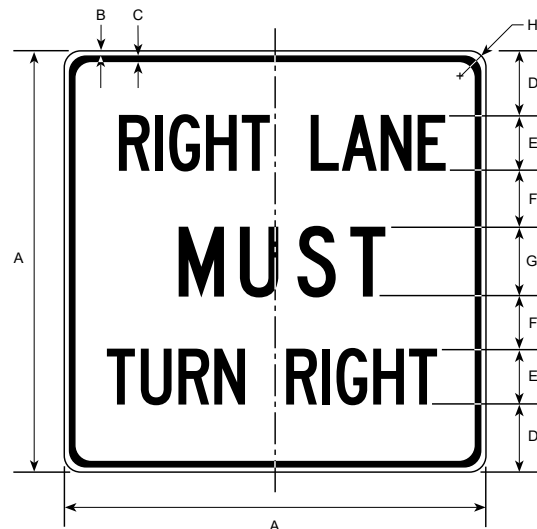
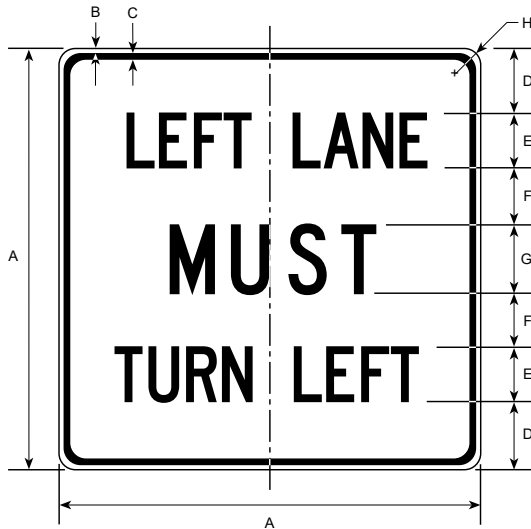
LEGEND — BLACK (NON-REFL)  
BACKGROUND — WHITE (REFL)

# R3-7L

11/97

# R3-7R

11/97



| DIMENSIONS (MILLIMETERS) |    |    |     |      |     |      |    |
|--------------------------|----|----|-----|------|-----|------|----|
| A                        | B  | C  | D   | E    | F   | G    | H  |
| 750                      | 13 | 19 | 113 | 100C | 100 | 125C | 47 |

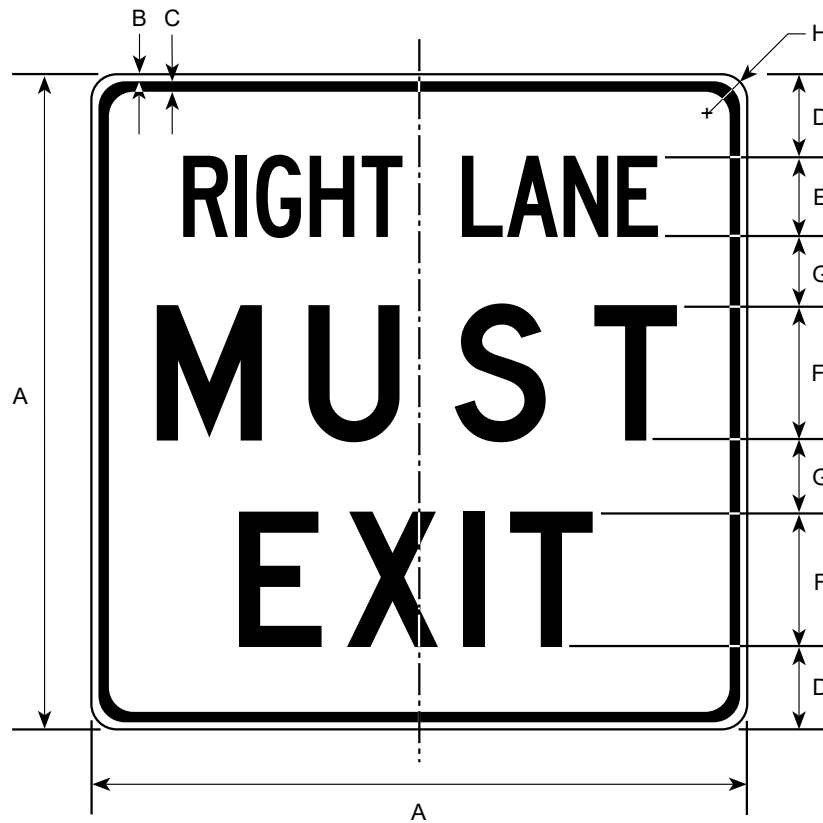
| DIMENSIONS (INCHES) |     |     |       |    |   |    |       |
|---------------------|-----|-----|-------|----|---|----|-------|
| A                   | B   | C   | D     | E  | F | G  | H     |
| 30                  | 1/2 | 3/4 | 4 1/2 | 4C | 4 | 5C | 1 7/8 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R3-701

11/97



| DIMENSIONS (MILLIMETERS) |    |    |     |      |      |     |    |
|--------------------------|----|----|-----|------|------|-----|----|
| A                        | B  | C  | D   | E    | F    | G   | H  |
| 1200                     | 19 | 31 | 150 | 150C | 250D | 125 | 75 |

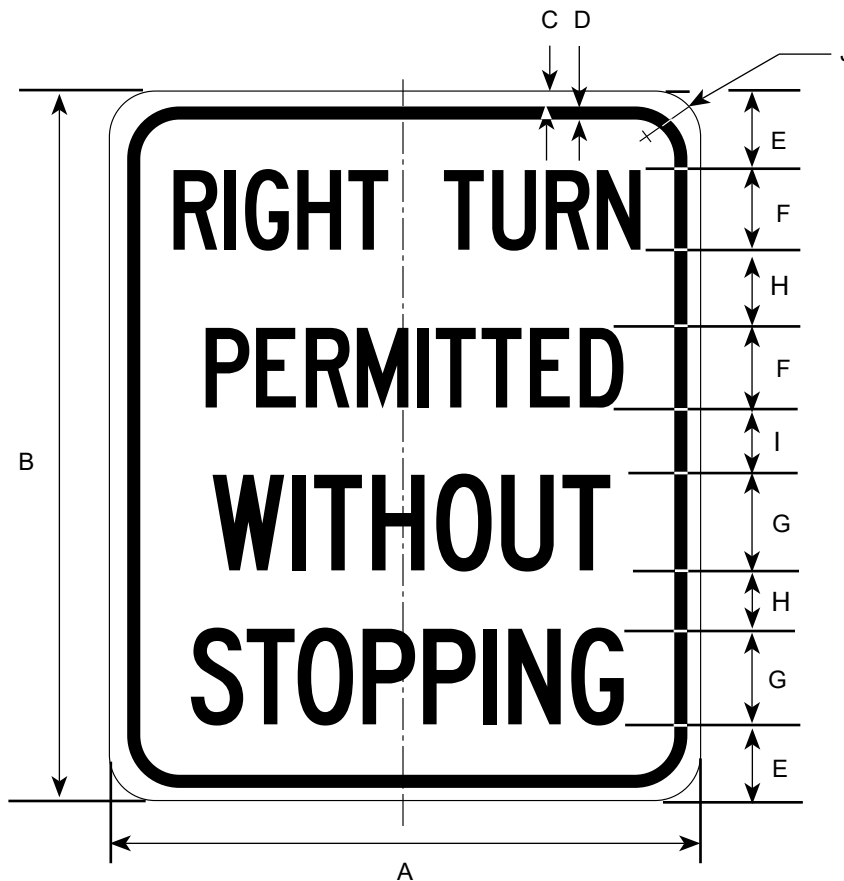
| DIMENSIONS (INCHES) |     |       |   |    |     |   |   |
|---------------------|-----|-------|---|----|-----|---|---|
| A                   | B   | C     | D | E  | F   | G | H |
| 48                  | 3/4 | 1 1/4 | 6 | 6C | 10D | 5 | 3 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R3-702

6/00



| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |      |    |    |    |
|--------------------------|-----|----|----|-----|------|------|----|----|----|
| A                        | B   | C  | D  | E   | F    | G    | H  | I  | J  |
| 750                      | 900 | 13 | 19 | 106 | 100C | 125C | 63 | 87 | 47 |

| DIMENSIONS (INCHES) |    |     |     |       |    |    |       |       |       |
|---------------------|----|-----|-----|-------|----|----|-------|-------|-------|
| A                   | B  | C   | D   | E     | F  | G  | H     | I     | J     |
| 30                  | 36 | 1/2 | 3/4 | 4 1/4 | 4C | 5C | 2 1/2 | 3 1/2 | 1 7/8 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R3-703

6/00



| DIMENSIONS (MILLIMETERS) |      |    |    |       |      |     |      |    |
|--------------------------|------|----|----|-------|------|-----|------|----|
| A                        | B    | C  | D  | E     | F    | G   | H    | J  |
| 1200                     | 1500 | 19 | 31 | 162.5 | 200D | 125 | 200C | 75 |

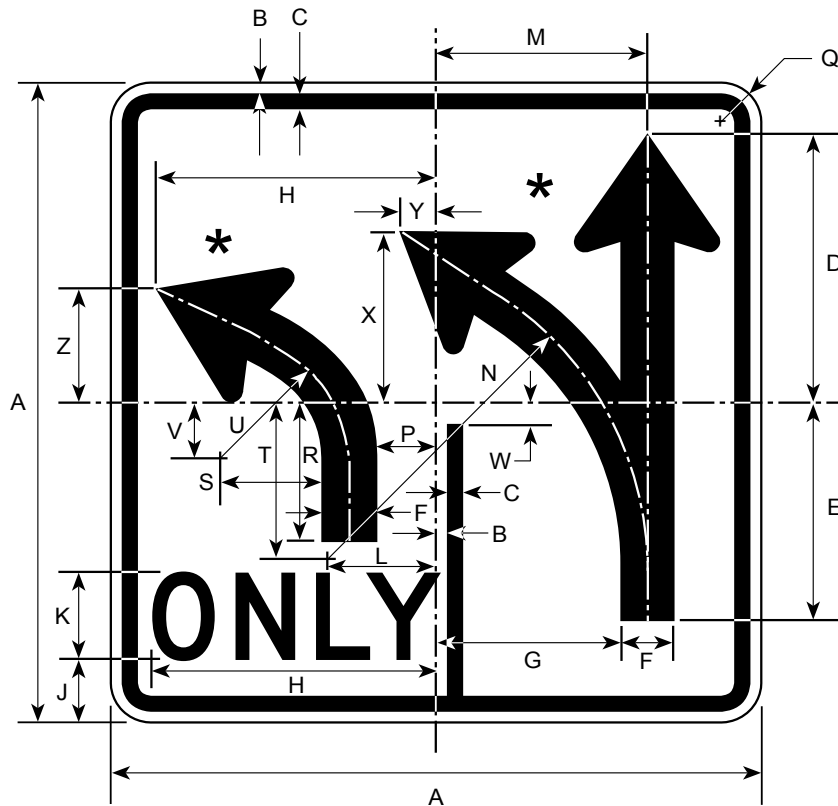
| DIMENSIONS (INCHES) |    |     |       |       |    |   |    |   |
|---------------------|----|-----|-------|-------|----|---|----|---|
| A                   | B  | C   | D     | E     | F  | G | H  | J |
| 48                  | 60 | 3/4 | 1 1/4 | 6 1/2 | 8D | 5 | 8C | 3 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R3-8

8/00



\* See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |    |    |     |     |    |     |     |    |      |     |     |
|--------------------------|----|----|-----|-----|----|-----|-----|----|------|-----|-----|
| A                        | B  | C  | D   | E   | F  | G   | H   | J  | K    | L   | M   |
| 750                      | 13 | 19 | 316 | 256 | 63 | 213 | 322 | 75 | 100D | 119 | 244 |
| 900                      | 13 | 19 | 409 | 356 | 75 | 222 | 384 | 75 | 150C | 163 | 259 |

| N   | P  | Q  | R   | S   | T   | U   | V  | W  | X   | Y  | Z   |
|-----|----|----|-----|-----|-----|-----|----|----|-----|----|-----|
| 363 | 69 | 47 | 163 | 113 | 188 | 144 | 66 | 25 | 200 | 44 | 125 |
| 433 | 88 | 47 | 188 | 128 | 228 | 161 | 75 | 50 | 250 | 78 | 147 |

| DIMENSIONS (INCHES) |     |     |        |        |       |       |        |   |    |       |        |
|---------------------|-----|-----|--------|--------|-------|-------|--------|---|----|-------|--------|
| A                   | B   | C   | D      | E      | F     | G     | H      | J | K  | L     | M      |
| 30                  | 1/2 | 3/4 | 12 5/8 | 10 1/4 | 2 1/2 | 8 1/2 | 12 7/8 | 3 | 4D | 4 3/4 | 9 3/4  |
| 36                  | 1/2 | 3/4 | 16 3/8 | 14 1/4 | 3     | 8 7/8 | 15 3/8 | 3 | 6C | 6 1/2 | 10 3/8 |

| N       | P     | Q     | R     | S     | T     | U      | V     | W | X  | Y     | Z     |
|---------|-------|-------|-------|-------|-------|--------|-------|---|----|-------|-------|
| 14 1/2  | 2 3/4 | 1 7/8 | 6 1/2 | 4 1/2 | 7 1/2 | 5 3/4  | 2 5/8 | 1 | 8  | 1 3/4 | 5     |
| 17 5/16 | 3 1/2 | 1 7/8 | 7 1/2 | 5 1/8 | 9 1/8 | 6 7/16 | 3     | 2 | 10 | 3 1/8 | 5 7/8 |

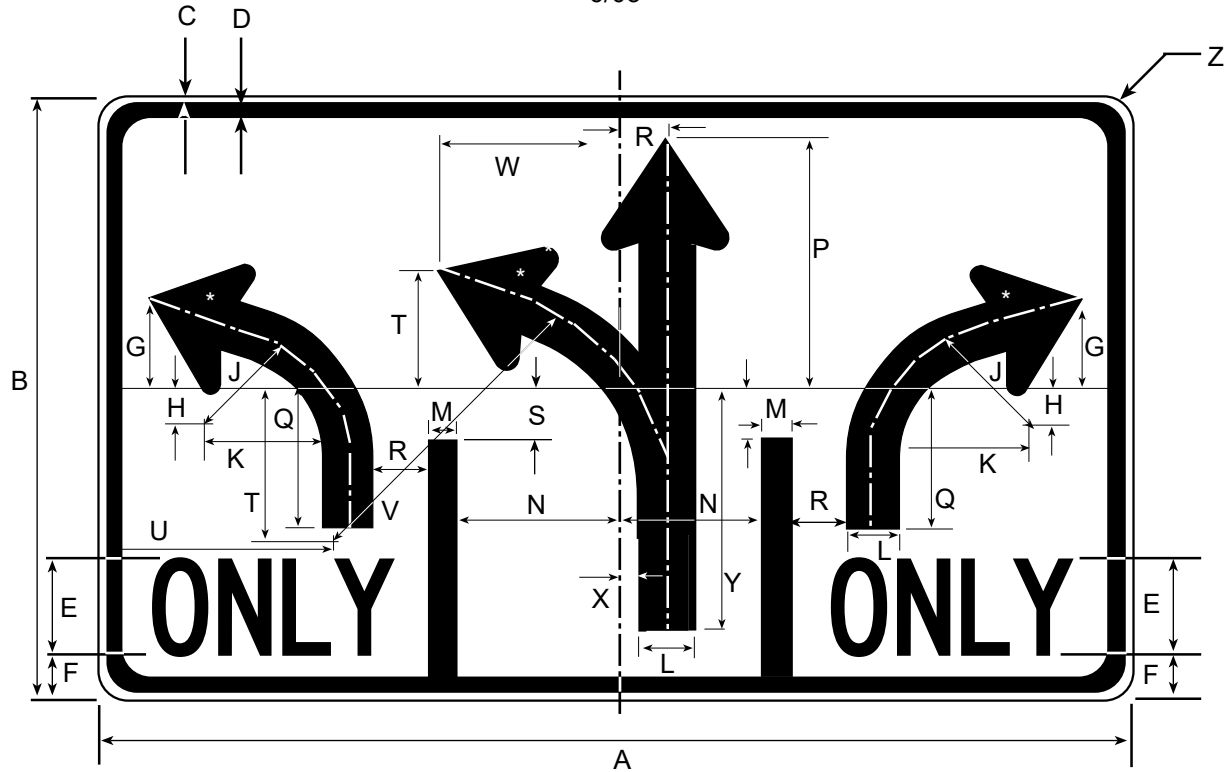
## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)



# R3-8A

6/03



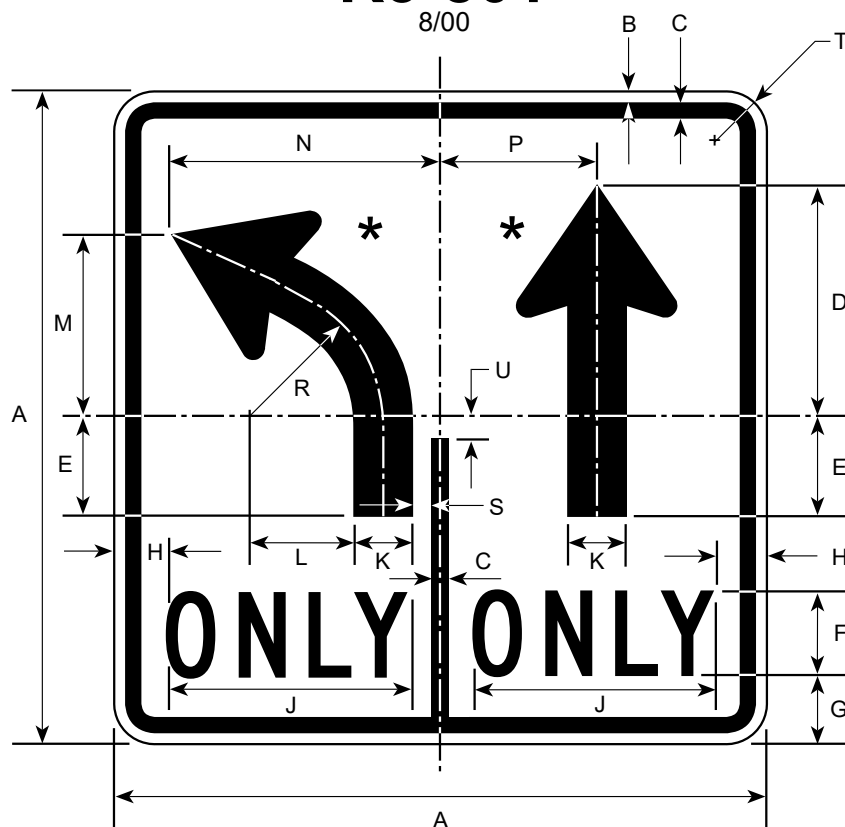
\*SEE APPENDIX FOR STANDARD ARROW DETAIL.

| DIMENSIONS (MILLIMETERS) |     |     |    |      |     |     |     |     |     |     |    |
|--------------------------|-----|-----|----|------|-----|-----|-----|-----|-----|-----|----|
| A                        | B   | C   | D  | E    | F   | G   | H   | J   | K   | L   | M  |
| 1200                     | 750 | 19  | 31 | 100D | 75  | 100 | 84  | 145 | 116 | 63  | 30 |
| N                        | P   | Q   | R  | S    | T   | U   | V   | W   | X   | Y   | Z  |
| 170                      | 338 | 166 | 42 | 25   | 188 | 233 | 369 | 244 | 11  | 277 | 75 |

| DIMENSIONS (INCHES) |        |       |         |    |       |        |        |         |       |         |        |
|---------------------|--------|-------|---------|----|-------|--------|--------|---------|-------|---------|--------|
| A                   | B      | C     | D       | E  | F     | G      | H      | J       | K     | L       | M      |
| 48                  | 30     | 3/4   | 1 1/4   | 4D | 3     | 4      | 3 3/8  | 5 13/16 | 4 5/8 | 2 1/2   | 1 3/16 |
| N                   | P      | Q     | R       | S  | T     | U      | V      | W       | X     | Y       | Z      |
| 6 13/16             | 13 1/2 | 6 5/8 | 1 11/16 | 1  | 7 1/2 | 9 5/16 | 14 3/4 | 9 3/4   | 7/16  | 11 1/16 | 3      |

COLORS  
LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R3-801



\* See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |    |    |     |     |      |    |    |     |
|--------------------------|----|----|-----|-----|------|----|----|-----|
| A                        | B  | C  | D   | E   | F    | G  | H  | J   |
| 750                      | 13 | 19 | 227 | 98  | 100C | 75 | 64 | 278 |
| 900                      | 13 | 19 | 316 | 108 | 125C | 75 | 64 | 341 |

| K  | L   | M   | N   | P   | R   | S  | T  | U  |
|----|-----|-----|-----|-----|-----|----|----|----|
| 63 | 113 | 200 | 298 | 172 | 144 | 39 | 47 | 25 |
| 75 | 134 | 253 | 384 | 206 | 180 | 39 | 47 | 50 |

| DIMENSIONS (INCHES) |     |     |        |         |    |   |        |        |
|---------------------|-----|-----|--------|---------|----|---|--------|--------|
| A                   | B   | C   | D      | E       | F  | G | H      | J      |
| 30                  | 1/2 | 3/4 | 9 1/16 | 3 15/16 | 4C | 3 | 2 9/16 | 11 1/8 |
| 36                  | 1/2 | 3/4 | 12 5/8 | 4 15/16 | 5C | 3 | 2 9/16 | 13 5/8 |

| K     | L     | M      | N        | P     | R      | S      | T     | U |
|-------|-------|--------|----------|-------|--------|--------|-------|---|
| 2 1/2 | 4 1/2 | 8      | 11 15/16 | 6 7/8 | 5 3/4  | 1 9/16 | 1 7/8 | 1 |
| 3     | 5 3/8 | 10 1/8 | 15 3/8   | 8 1/4 | 7 3/16 | 1 9/16 | 1 7/8 | 2 |

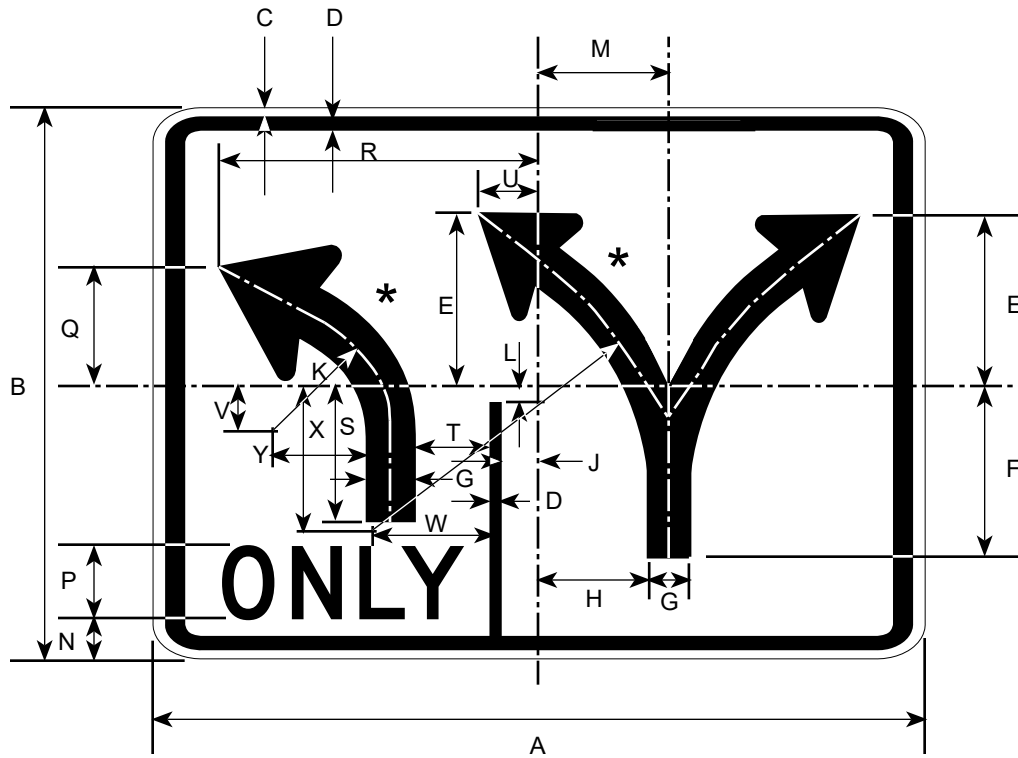
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

# R3-802

11/97



\* See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |      |     |     |     |     |    |     |     |     |    |     |
|--------------------------|------|-----|-----|-----|-----|----|-----|-----|-----|----|-----|
| A                        | B    | C   | D   | E   | F   | G  | H   | J   | K   | L  | M   |
| 900                      | 750  | 13  | 19  | 200 | 256 | 63 | 181 | 44  | 144 | 25 | 169 |
| N                        | P    | Q   | R   | S   | T   | U  | V   | W   | X   | Y  | Z   |
| 75                       | 100D | 125 | 397 | 163 | 81  | 11 | 66  | 131 | 188 | 11 | 363 |

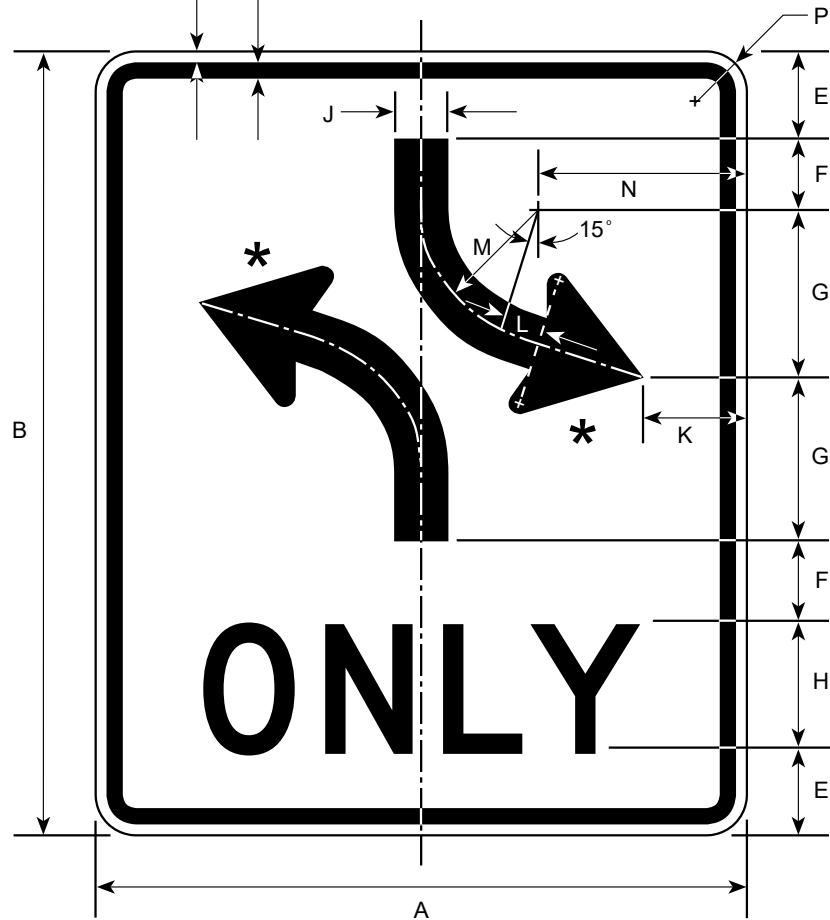
| DIMENSIONS (INCHES) |    |     |        |       |        |       |       |       |       |       |        |
|---------------------|----|-----|--------|-------|--------|-------|-------|-------|-------|-------|--------|
| A                   | B  | C   | D      | E     | F      | G     | H     | J     | K     | L     | M      |
| 36                  | 30 | 1/2 | 3/4    | 8     | 10 1/4 | 2 1/2 | 7 1/4 | 1 3/4 | 5 3/4 | 1     | 6 3/4  |
| N                   | P  | Q   | R      | S     | T      | U     | V     | W     | X     | Y     | Z      |
| 3                   | 4D | 5   | 15 7/8 | 6 1/2 | 3 1/4  | 4 3/4 | 2 5/8 | 5 1/4 | 7 1/2 | 4 1/2 | 14 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R3-9A

11/97



\* See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |     |    |     |     |    |     |      |
|--------------------------|-----|----|-----|-----|----|-----|------|
| A                        | B   | C  | D   | E   | F  | G   | H    |
| 750                      | 900 | 13 | 19  | 100 | 75 | 200 | 150D |
| J                        | K   | L  | M   | N   | P  |     |      |
| 63                       | 100 | 38 | 150 | 225 | 47 |     |      |

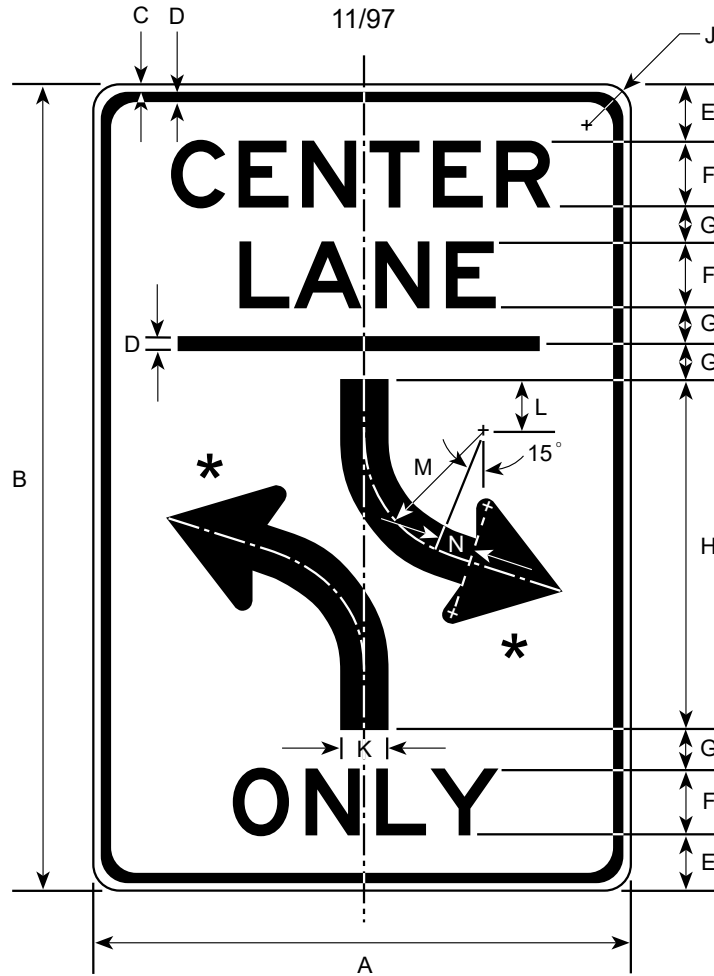
| DIMENSIONS (INCHES) |    |       |     |   |       |   |    |
|---------------------|----|-------|-----|---|-------|---|----|
| A                   | B  | C     | D   | E | F     | G | H  |
| 30                  | 36 | 1/2   | 3/4 | 4 | 3     | 8 | 6D |
| J                   | K  | L     | M   | N | P     |   |    |
| 2 1/2               | 4  | 1 1/2 | 6   | 9 | 1 7/8 |   |    |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R3-9B

11/97



\* See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |      |    |    |    |      |    |     |    |    |    |     |    |
|--------------------------|------|----|----|----|------|----|-----|----|----|----|-----|----|
| A                        | B    | C  | D  | E  | F    | G  | H   | J  | K  | L  | M   | N  |
| 600                      | 900  | 9  | 16 | 63 | 75E  | 38 | 400 | 38 | 50 | 63 | 150 | 38 |
| 900                      | 1200 | 16 | 22 | 88 | 125E | 38 | 500 | 56 | 75 | 75 | 200 | 50 |

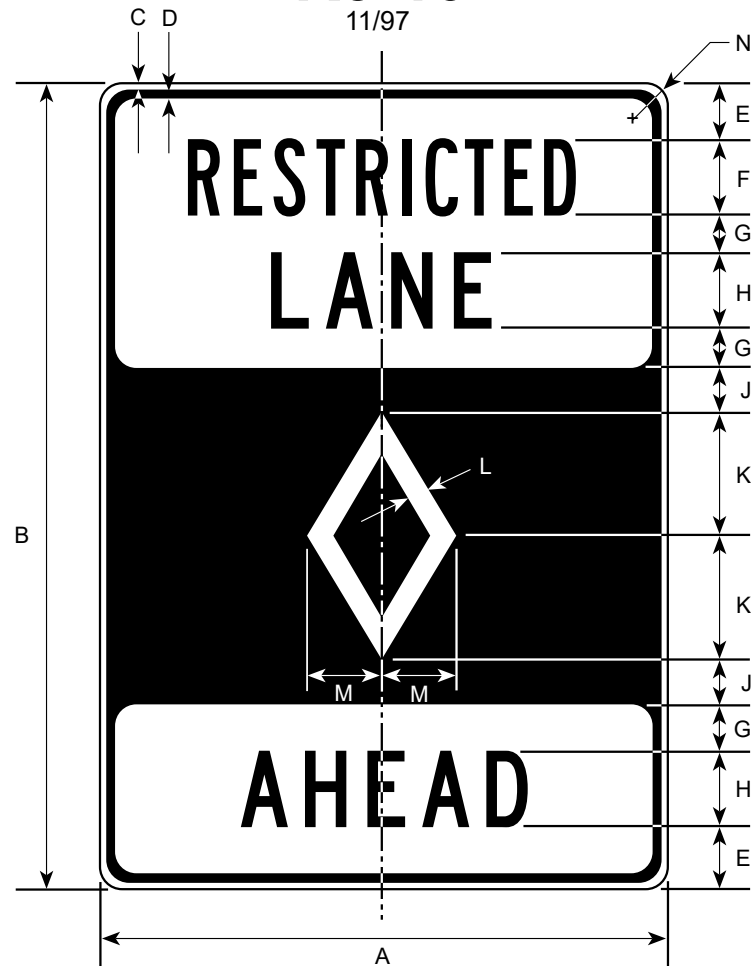
| DIMENSIONS (INCHES) |    |     |     |       |    |       |    |       |       |       |   |       |
|---------------------|----|-----|-----|-------|----|-------|----|-------|-------|-------|---|-------|
| A                   | B  | C   | D   | E     | F  | G     | H  | J     | K     | L     | M | N     |
| 24                  | 36 | 3/8 | 5/8 | 2 1/2 | 3E | 1 1/2 | 16 | 1 1/2 | 2 1/2 | 2 1/2 | 6 | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8 | 3 1/2 | 5E | 1 1/2 | 20 | 2 1/4 | 3     | 3     | 8 | 2     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R3-10

11/97



DIMENSIONS (MILLIMETERS)

| A    | B    | C  | D  | E   | F    | G   | H    | J  | K   | L  | M   | N  |
|------|------|----|----|-----|------|-----|------|----|-----|----|-----|----|
| 750  | 1050 | 13 | 19 | 81  | 100B | 50  | 100C | 31 | 188 | 28 | 94  | 47 |
| 900  | 1500 | 16 | 22 | 113 | 150B | 75  | 150C | 50 | 250 | 38 | 125 | 56 |
| 1200 | 2100 | 19 | 31 | 150 | 200B | 100 | 200C | 75 | 375 | 56 | 188 | 75 |

DIMENSIONS (INCHES)

| A  | B  | C   | D     | E     | F  | G | H  | J     | K     | L     | M     | N     |
|----|----|-----|-------|-------|----|---|----|-------|-------|-------|-------|-------|
| 30 | 42 | 1/2 | 3/4   | 3 1/4 | 4B | 2 | 4C | 1 1/4 | 7 1/2 | 1 1/8 | 3 3/4 | 1 7/8 |
| 36 | 60 | 5/8 | 7/8   | 4 1/2 | 6B | 3 | 6C | 2     | 10    | 1 1/2 | 5     | 2 1/4 |
| 48 | 84 | 3/4 | 1 1/4 | 6     | 8B | 4 | 8C | 3     | 15    | 2 1/4 | 7 1/2 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)  
 SYMBOL - REFL WHITE ON BLACK

# R3-102

8/02



\* 20% - REDUCED SPACING

| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |    |      |    |     |    |     |    |
|--------------------------|------|----|----|-----|------|----|------|----|-----|----|-----|----|
| A                        | B    | C  | D  | E   | F    | G  | H    | J  | K   | L  | M   | N  |
| 900                      | 1500 | 16 | 22 | 113 | 150D | 75 | 125C | 50 | 250 | 38 | 125 | 75 |

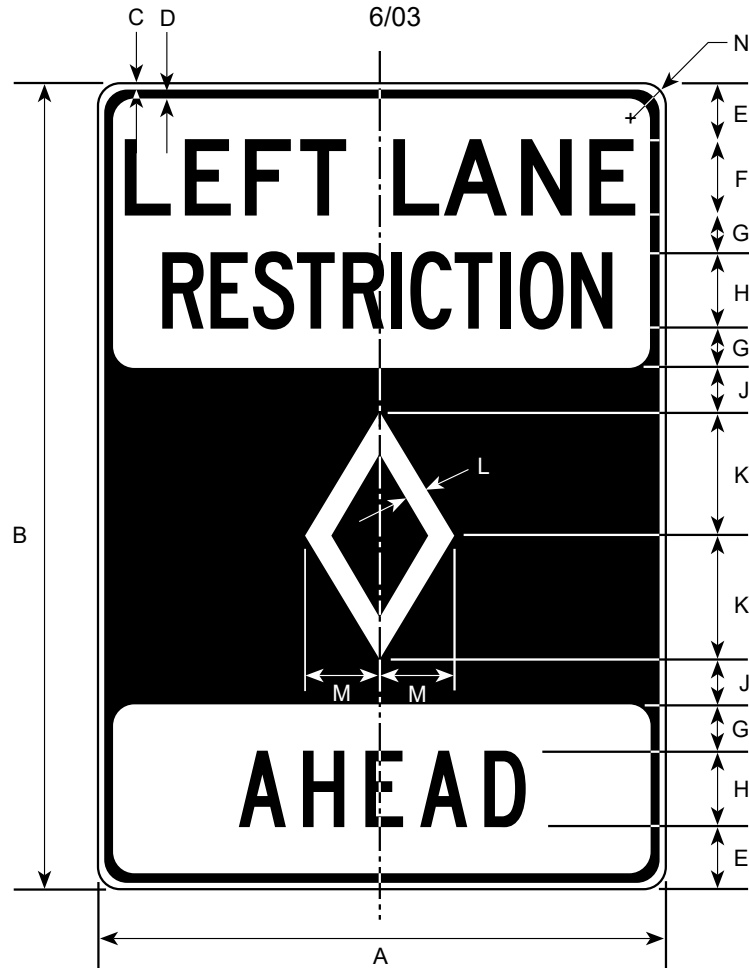
| DIMENSIONS (INCHES) |    |     |     |       |    |   |    |   |    |       |   |   |
|---------------------|----|-----|-----|-------|----|---|----|---|----|-------|---|---|
| A                   | B  | C   | D   | E     | F  | G | H  | J | K  | L     | M | N |
| 48                  | 84 | 5/8 | 7/8 | 4 1/2 | 6D | 3 | 6C | 2 | 10 | 1 1/2 | 5 | 3 |

## COLORS

LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)  
 SYMBOL - REFL WHITE ON BLACK

# R3-103

6/03



DIMENSIONS (MILLIMETERS)

| A    | B    | C  | D  | E   | F    | G  | H    | J  | K   | L  | M   | N  |
|------|------|----|----|-----|------|----|------|----|-----|----|-----|----|
| 1200 | 2100 | 19 | 31 | 113 | 150D | 75 | 150C | 50 | 250 | 38 | 125 | 75 |

DIMENSIONS (INCHES)

| A  | B  | C   | D     | E     | F  | G | H  | J | K  | L     | M | N |
|----|----|-----|-------|-------|----|---|----|---|----|-------|---|---|
| 48 | 84 | 3/4 | 1 1/4 | 4 1/2 | 6D | 3 | 6C | 2 | 10 | 1 1/2 | 5 | 3 |

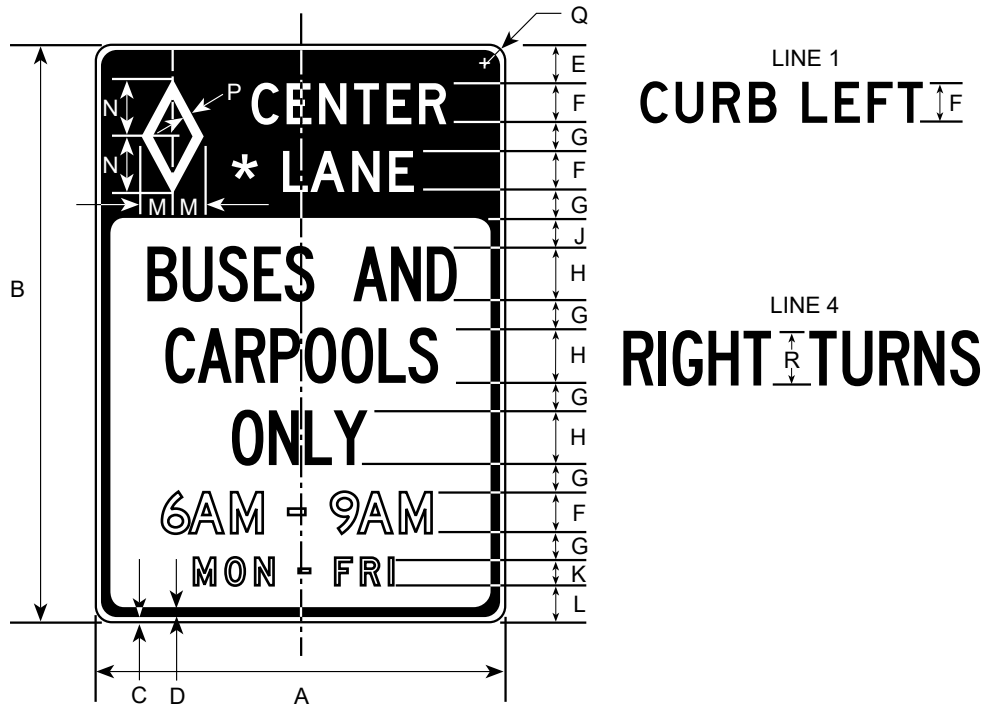
## COLORS

LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)  
 SYMBOL - REFL WHITE ON BLACK



# R3-11

6/00



\* Optically locate Symbol and Top Legend

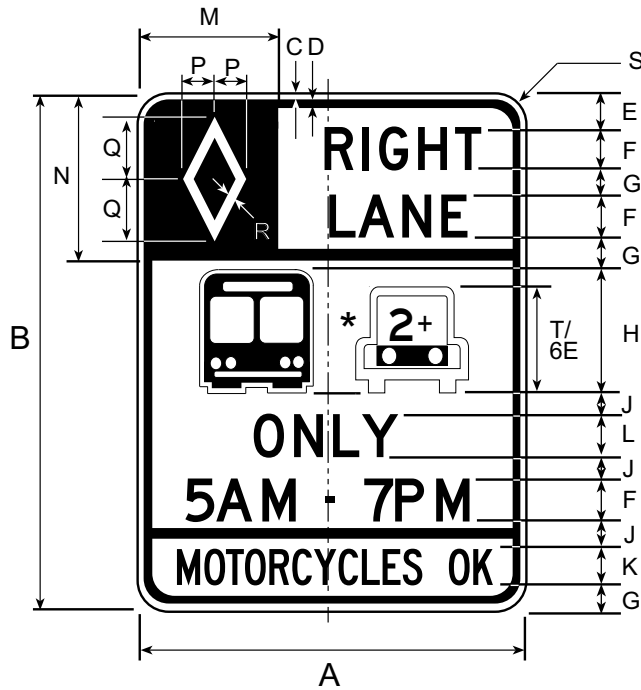
| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |    |      |
|--------------------------|------|----|----|-----|------|----|------|
| A                        | B    | C  | D  | E   | F    | G  | H    |
| 750                      | 1050 | 13 | 19 | 63  | 75D  | 50 | 100C |
| 1200                     | 1500 | 16 | 22 | 100 | 100D | 75 | 150C |
| J                        | K    | L  | M  | N   | P    | Q  | R    |
| 38                       | 50D  | 75 | 63 | 125 | 19   | 47 | 100B |
| 50                       | 75D  | 75 | 94 | 188 | 28   | 56 | 150B |

| DIMENSIONS (INCHES) |    |     |       |       |       |       |    |
|---------------------|----|-----|-------|-------|-------|-------|----|
| A                   | B  | C   | D     | E     | F     | G     | H  |
| 30                  | 42 | 1/2 | 3/4   | 2 1/2 | 3D    | 2     | 4C |
| 48                  | 60 | 5/8 | 7/8   | 4     | 4D    | 3     | 6C |
| J                   | K  | L   | M     | N     | P     | Q     | R  |
| 1 1/2               | 2D | 3   | 2 1/2 | 5     | 3/4   | 1 7/8 | 4B |
| 2                   | 3D | 3   | 3 3/4 | 7 1/2 | 1 1/8 | 2 1/4 | 6B |

| TOP                            | COLORS | BOTTOM                    |
|--------------------------------|--------|---------------------------|
| SYMBOL & LEGEND - WHITE (REFL) |        | LEGEND - BLACK (NON-REFL) |
| BACKGROUND - BLACK (NON-REFL)  |        | BACKGROUND - WHITE (REFL) |

# R3-1102R

3/06



# R3-1102L

3/06



\* SEE APPENDIX FOR STANDARD SYMBOLS

| DIMENSIONS (MILLIMETERS) |      |    |     |     |      |     |     |     |
|--------------------------|------|----|-----|-----|------|-----|-----|-----|
| A                        | B    | C  | D   | E   | F    | G   | H   | J   |
| 1350                     | 1800 | 19 | 31  | 150 | 150D | 100 | 450 | 75  |
| K                        | L    | M  | N   | P   | Q    | R   | S   | T   |
| 75C                      | 150E | 55 | 650 | 125 | 250  | 38  | 38  | 300 |

| DIMENSIONS (INCHES) |    |     |       |   |    |       |    |    |
|---------------------|----|-----|-------|---|----|-------|----|----|
| A                   | B  | C   | D     | E | F  | G     | H  | J  |
| 54                  | 72 | 3/4 | 1 1/4 | 6 | 6D | 4     | 18 | 3  |
| K                   | L  | M   | N     | P | Q  | R     | S  | T  |
| 3C                  | 6E | 22  | 26    | 5 | 10 | 1 1/2 | 3  | 12 |

## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

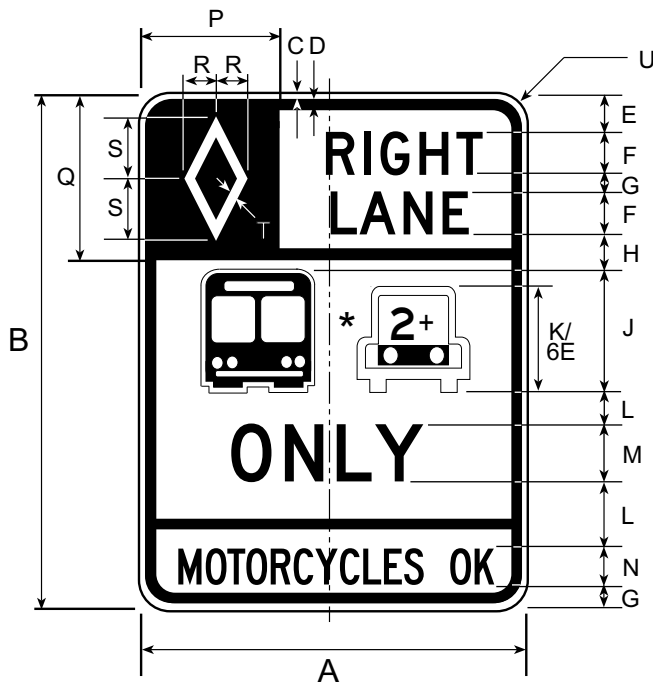
PREFERENTIAL LANE SYMBOL - WHITE (REFL) ON BLACK (NON-REFL)

# R3-1103R

3/06

# R3-1103L

3/06



\* SEE APPENDIX FOR STANDARD SYMBOLS

| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |     |     |     |
|--------------------------|------|----|----|-----|------|-----|-----|-----|-----|
| A                        | B    | C  | D  | E   | F    | G   | H   | J   | K   |
| 1350                     | 1800 | 19 | 31 | 150 | 150D | 100 | 125 | 450 | 300 |

| L   | M    | N   | P   | Q   | R   | S   | T  | U  |
|-----|------|-----|-----|-----|-----|-----|----|----|
| 150 | 200D | 75C | 550 | 650 | 125 | 250 | 38 | 75 |

| DIMENSIONS (INCHES) |    |     |       |   |    |   |   |    |    |
|---------------------|----|-----|-------|---|----|---|---|----|----|
| A                   | B  | C   | D     | E | F  | G | H | J  | K  |
| 54                  | 72 | 3/4 | 1 1/4 | 6 | 6D | 4 | 5 | 18 | 12 |

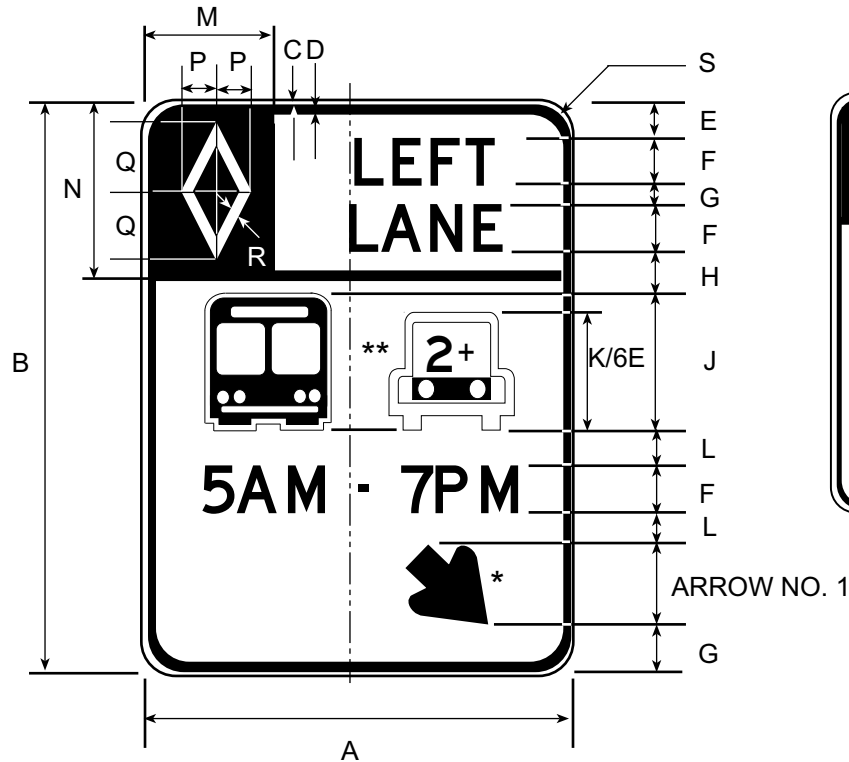
| L | M  | N  | P  | Q  | R | S  | T     | U |
|---|----|----|----|----|---|----|-------|---|
| 6 | 8D | 3C | 22 | 26 | 5 | 10 | 1 1/2 | 3 |

## COLORS

LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)  
 SYMBOLS - WHITE (REFL) ON BLACK (NON-REFL)

# R3-1104L

6/03



# R3-1104R

6/03



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

\*\* SEE APPENDIX FOR STANDARD SYMBOLS

| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |     |     |
|--------------------------|------|----|----|-----|------|-----|-----|-----|
| A                        | B    | C  | D  | E   | F    | G   | H   | J   |
| 1350                     | 1800 | 19 | 31 | 150 | 150D | 100 | 125 | 450 |

| K   | L  | M   | N   | P   | Q   | R  | S  |
|-----|----|-----|-----|-----|-----|----|----|
| 300 | 75 | 550 | 650 | 125 | 200 | 38 | 75 |

| DIMENSIONS (MILLIMETERS) |    |     |       |   |    |   |   |    |
|--------------------------|----|-----|-------|---|----|---|---|----|
| A                        | B  | C   | D     | E | F  | G | H | J  |
| 54                       | 72 | 3/4 | 1 1/4 | 6 | 6D | 4 | 5 | 18 |

| K  | L | M  | N  | P | Q  | R     | S |
|----|---|----|----|---|----|-------|---|
| 12 | 3 | 22 | 26 | 5 | 10 | 1 1/2 | 3 |

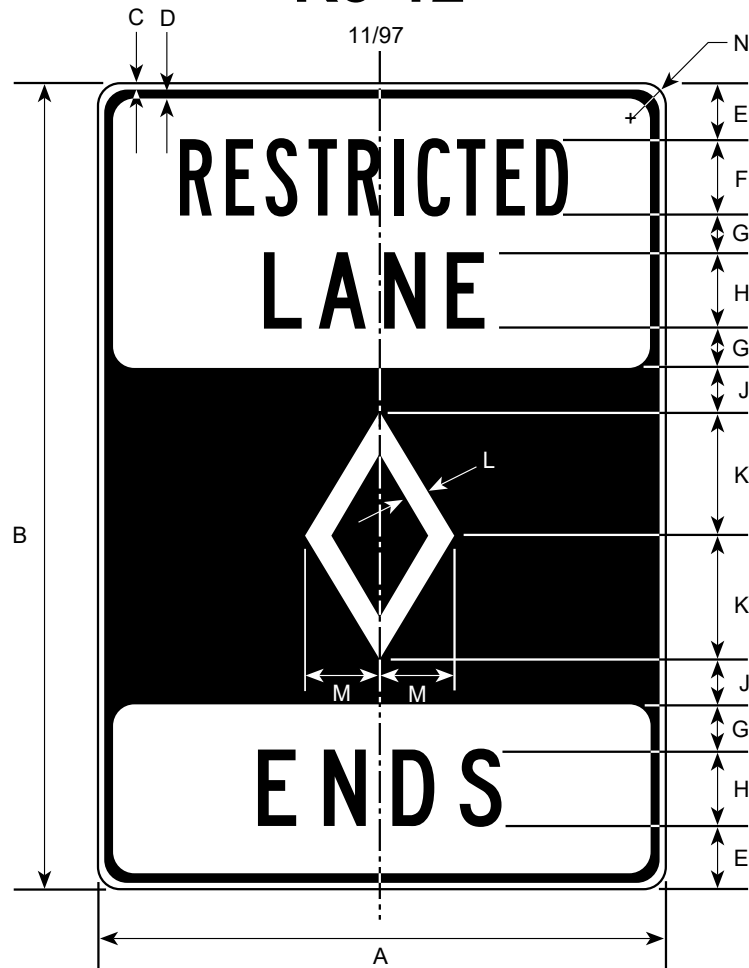
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

SYMBOLS - WHITE (REFL) ON BLACK (NON-REFL)

# R3-12



DIMENSIONS (MILLIMETERS)

| A    | B    | C  | D  | E   | F    | G   | H    | J  | K   | L  | M   | N  |
|------|------|----|----|-----|------|-----|------|----|-----|----|-----|----|
| 750  | 1050 | 13 | 19 | 81  | 100B | 50  | 100C | 31 | 188 | 28 | 94  | 47 |
| 900  | 1500 | 16 | 22 | 113 | 150B | 75  | 150C | 50 | 250 | 38 | 125 | 56 |
| 1200 | 2100 | 19 | 31 | 150 | 200B | 100 | 200C | 75 | 375 | 56 | 188 | 75 |

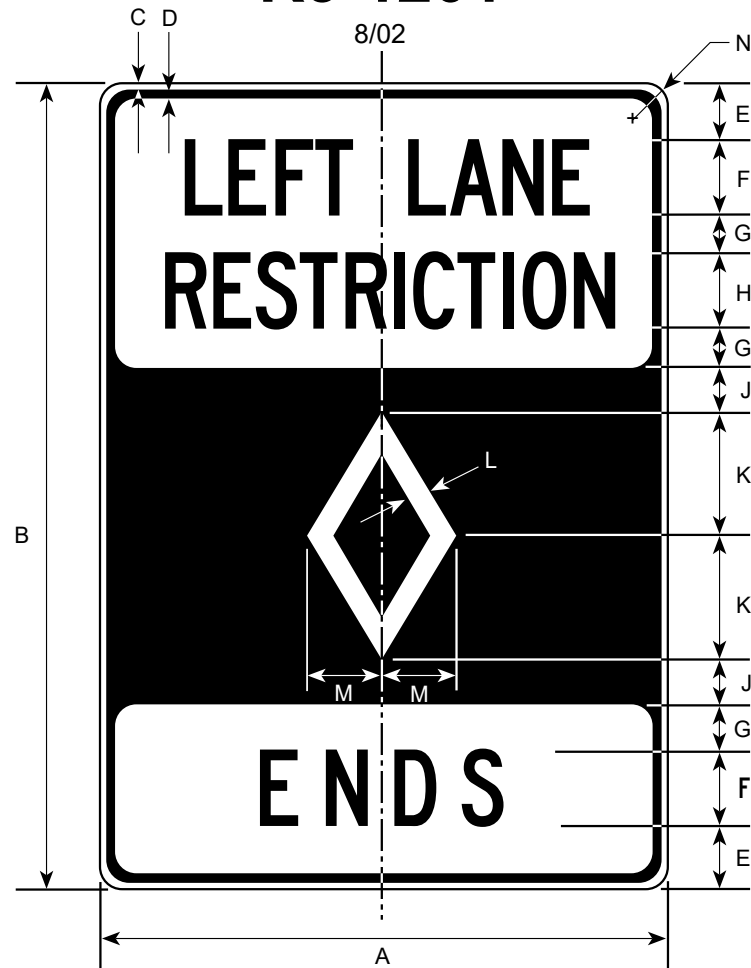
DIMENSIONS (INCHES)

| A  | B  | C   | D     | E     | F  | G | H  | J     | K     | L     | M     | N     |
|----|----|-----|-------|-------|----|---|----|-------|-------|-------|-------|-------|
| 30 | 42 | 1/2 | 3/4   | 3 1/4 | 4B | 2 | 4C | 1 1/4 | 7 1/2 | 1 1/8 | 3 3/4 | 1 7/8 |
| 36 | 60 | 5/8 | 7/8   | 4 1/2 | 6B | 3 | 6C | 2     | 10    | 1 1/2 | 5     | 2 1/4 |
| 48 | 84 | 3/4 | 1 1/4 | 6     | 8B | 4 | 8C | 3     | 15    | 2 1/4 | 7 1/2 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)  
 SYMBOL - REFL WHITE ON BLACK

# R3-1201



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |    |      |    |     |    |     |    |
|--------------------------|------|----|----|-----|------|----|------|----|-----|----|-----|----|
| A                        | B    | C  | D  | E   | F    | G  | H    | J  | K   | L  | M   | N  |
| 1200                     | 1500 | 16 | 22 | 113 | 150D | 75 | 150C | 50 | 250 | 38 | 125 | 56 |

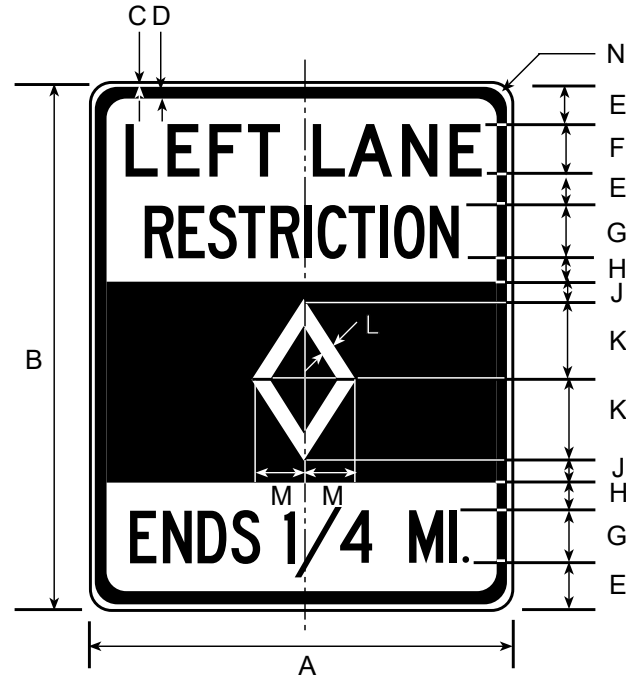
| DIMENSIONS (INCHES) |    |     |     |       |    |   |    |   |    |       |   |       |
|---------------------|----|-----|-----|-------|----|---|----|---|----|-------|---|-------|
| A                   | B  | C   | D   | E     | F  | G | H  | J | K  | L     | M | N     |
| 48                  | 60 | 5/8 | 7/8 | 4 1/2 | 6D | 3 | 6C | 2 | 10 | 1 1/2 | 5 | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)  
 SYMBOL - REFL WHITE ON BLACK

# R3-1202

6/03



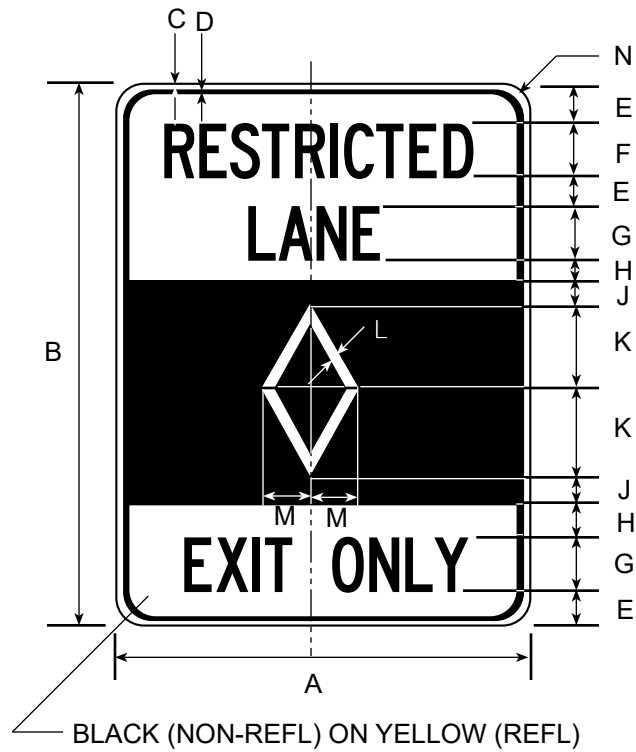
| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |      |    |    |     |    |     |    |
|--------------------------|------|----|----|-----|------|------|----|----|-----|----|-----|----|
| A                        | B    | C  | D  | E   | F    | G    | H  | J  | K   | L  | M   | N  |
| 1200                     | 1500 | 19 | 31 | 100 | 150D | 150C | 75 | 50 | 250 | 38 | 125 | 75 |

| DIMENSIONS (INCHES) |    |     |       |   |    |    |   |   |    |       |   |   |
|---------------------|----|-----|-------|---|----|----|---|---|----|-------|---|---|
| A                   | B  | C   | D     | E | F  | G  | H | J | K  | L     | M | N |
| 48                  | 60 | 3/4 | 1 1/4 | 4 | 6D | 6C | 3 | 2 | 10 | 1 1/2 | 5 | 3 |

COLORS  
 LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)  
 SYMBOL - WHITE (REFL) ON BLACK (NON-REFL)

# R3-1203

6/03



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |      |    |    |     |    |     |    |
|--------------------------|------|----|----|-----|------|------|----|----|-----|----|-----|----|
| A                        | B    | C  | D  | E   | F    | G    | H  | J  | K   | L  | M   | N  |
| 1200                     | 1500 | 19 | 31 | 100 | 150C | 150D | 75 | 50 | 250 | 38 | 125 | 75 |

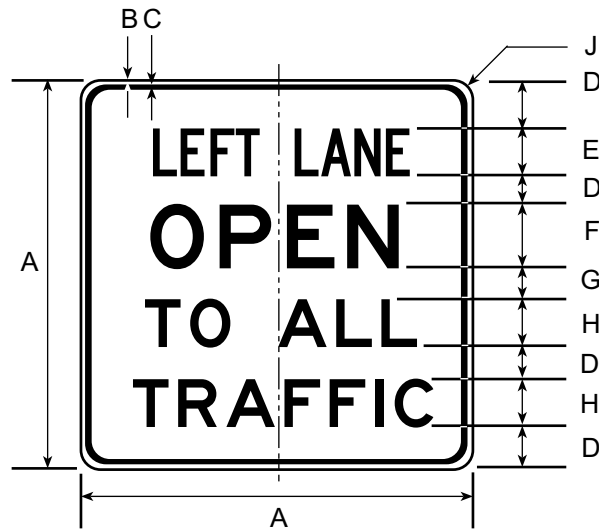
| DIMENSIONS (INCHES) |    |     |       |   |    |    |   |   |    |       |   |   |
|---------------------|----|-----|-------|---|----|----|---|---|----|-------|---|---|
| A                   | B  | C   | D     | E | F  | G  | H | J | K  | L     | M | N |
| 48                  | 60 | 3/4 | 1 1/4 | 4 | 6C | 6D | 3 | 2 | 10 | 1 1/2 | 5 | 3 |

COLORS  
 LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)  
 SYMBOL - WHITE (REFL) ON BLACK (NON-REFL)



# R3-1204

6/03



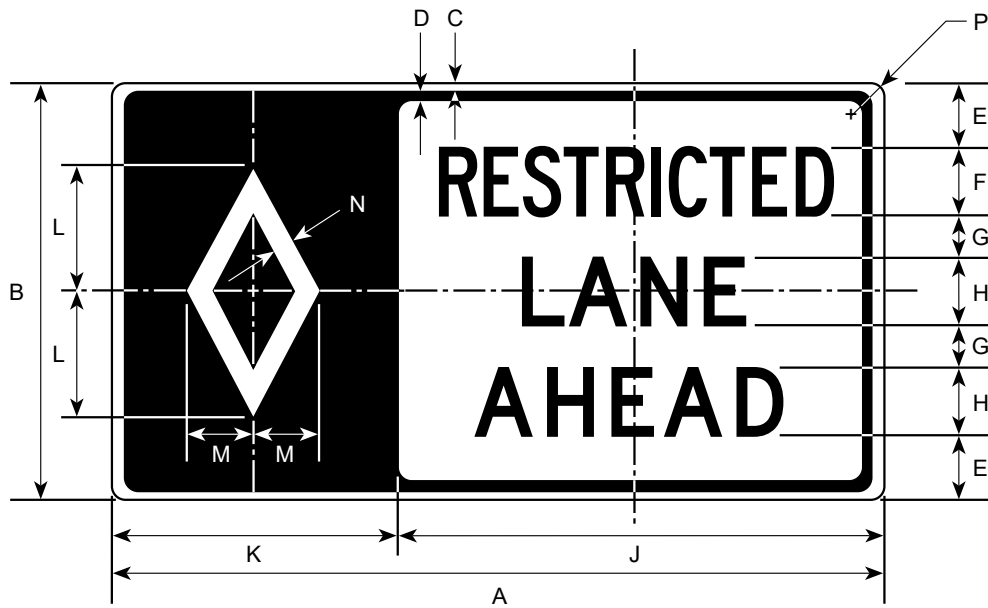
| DIMENSIONS (MILLIMETERS) |    |    |     |      |      |     |      |    |
|--------------------------|----|----|-----|------|------|-----|------|----|
| A                        | B  | C  | D   | E    | F    | G   | H    | J  |
| 1200                     | 19 | 31 | 100 | 150C | 200E | 150 | 150E | 75 |

| DIMENSIONS (INCHES) |     |       |   |    |    |   |    |   |
|---------------------|-----|-------|---|----|----|---|----|---|
| A                   | B   | C     | D | E  | F  | G | H  | J |
| 48                  | 3/4 | 1 1/4 | 4 | 6C | 8E | 6 | 6E | 3 |

COLORS  
 LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)

# R3-13

11/97



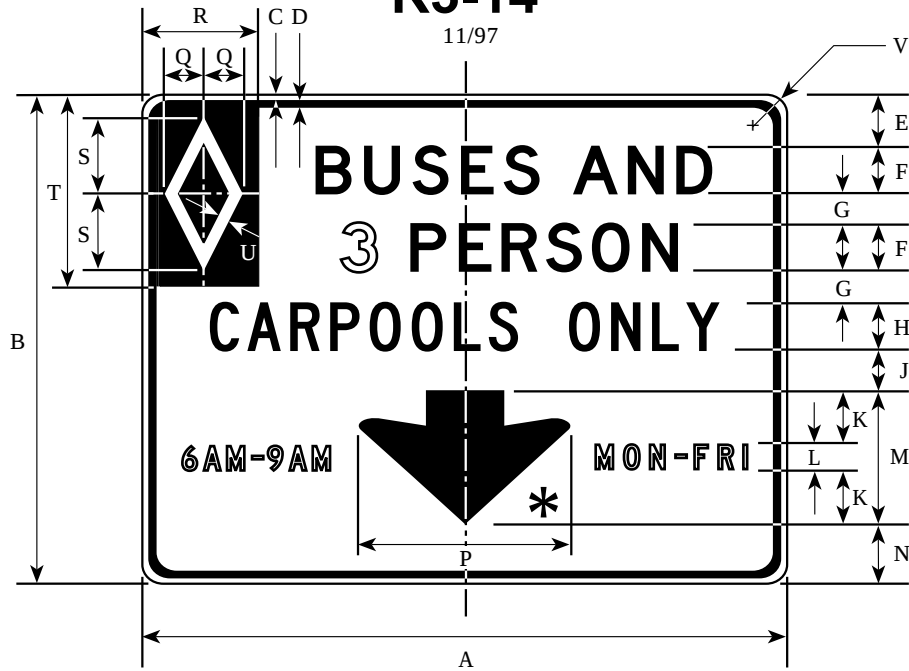
| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |      |      |     |     |     |    |    |
|--------------------------|------|----|----|-----|------|-----|------|------|-----|-----|-----|----|----|
| A                        | B    | C  | D  | E   | F    | G   | H    | J    | K   | L   | M   | N  | P  |
| 1500                     | 900  | 16 | 22 | 138 | 150C | 88  | 150D | 1050 | 600 | 300 | 150 | 50 | 56 |
| 2100                     | 1200 | 19 | 31 | 175 | 200C | 125 | 200D | 1350 | 750 | 400 | 200 | 63 | 74 |
| 2700                     | 1500 | 25 | 38 | 225 | 250C | 150 | 250D | 1650 | 900 | 500 | 250 | 75 | 94 |

| DIMENSIONS (INCHES) |    |     |       |       |     |       |     |    |    |    |    |       |       |
|---------------------|----|-----|-------|-------|-----|-------|-----|----|----|----|----|-------|-------|
| A                   | B  | C   | D     | E     | F   | G     | H   | J  | K  | L  | M  | N     | P     |
| 60                  | 36 | 5/8 | 7/8   | 5 1/2 | 6C  | 3 1/2 | 6D  | 42 | 24 | 12 | 6  | 2     | 2 1/4 |
| 84                  | 48 | 3/4 | 1 1/4 | 7     | 8C  | 5     | 8D  | 54 | 30 | 16 | 8  | 2 1/2 | 3     |
| 108                 | 60 | 1   | 1 1/2 | 9     | 10C | 6     | 10D | 66 | 36 | 20 | 10 | 3     | 3 3/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)  
 SYMBOL - REFL WHITE ON BLACK

# R3-14



\* See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |      |     |     |     |      |     |      |     |     |
|--------------------------|------|-----|-----|-----|------|-----|------|-----|-----|
| A                        | B    | C   | D   | E   | F    | G   | H    | J   | K   |
| 1800                     | 1500 | 25  | 38  | 150 | 150D | 100 | 150C | 113 | 169 |
| 2400                     | 1800 | 31  | 44  | 200 | 200D | 150 | 200C | 113 | 156 |
| 2700                     | 2100 | 38  | 50  | 250 | 250D | 150 | 250C | 100 | 213 |
| L                        | M    | N   | P   | Q   | R    | S   | T    | U   | V   |
| 75C                      | 413  | 175 | 600 | 100 | 275  | 200 | 550  | 31  | 94  |
| 100C                     | 413  | 175 | 600 | 125 | 375  | 250 | 750  | 38  | 125 |
| 125C                     | 550  | 150 | 800 | 150 | 450  | 300 | 900  | 50  | 150 |

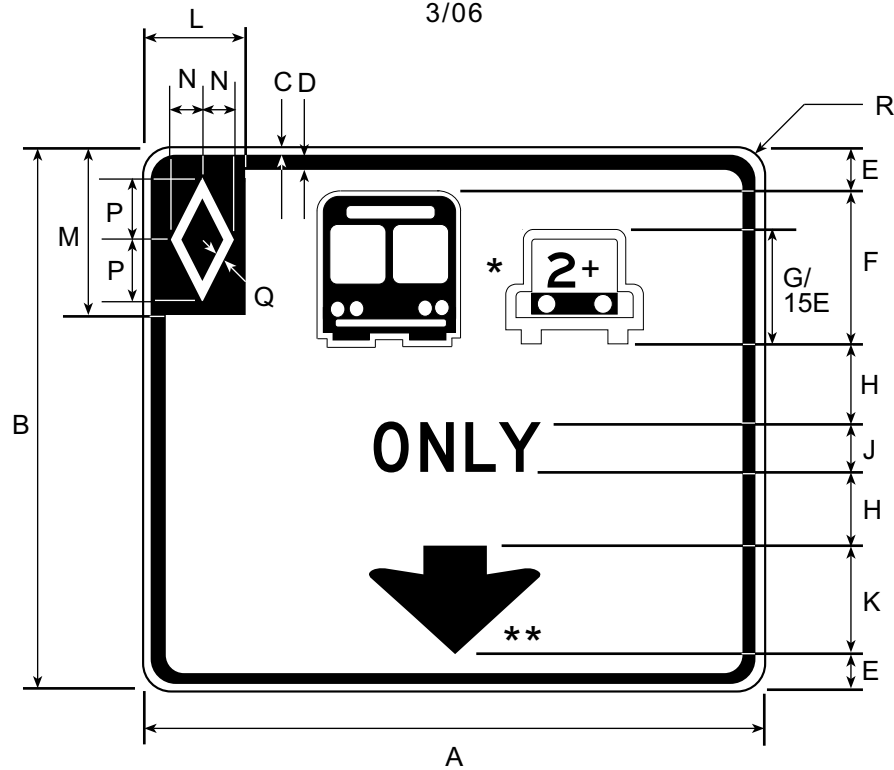
| DIMENSIONS (INCHES) |        |       |       |    |     |    |     |       |       |
|---------------------|--------|-------|-------|----|-----|----|-----|-------|-------|
| A                   | B      | C     | D     | E  | F   | G  | H   | J     | K     |
| 72                  | 60     | 1     | 1 1/2 | 6  | 6D  | 4  | 6C  | 4 1/2 | 6 3/4 |
| 96                  | 72     | 1 1/4 | 1 3/4 | 8  | 8D  | 6  | 8C  | 4 1/2 | 6 1/4 |
| 108                 | 84     | 1 1/2 | 2     | 10 | 10D | 6  | 10C | 4     | 8 1/2 |
| L                   | M      | N     | P     | Q  | R   | S  | T   | U     | V     |
| 3C                  | 16 1/2 | 7     | 24    | 4  | 11  | 8  | 22  | 1 1/4 | 3 3/4 |
| 4C                  | 16 1/2 | 7     | 24    | 5  | 15  | 10 | 30  | 1 1/2 | 5     |
| 5C                  | 22     | 6     | 32    | 6  | 18  | 12 | 36  | 2     | 6     |

## COLORS

LEGEND - BLACK (NON REFL)  
 BACKGROUND - WHITE (REFL)  
 SYMBOL - REFL WHITE ON BLACK

# R3-1401

3/06



\* SEE APPENDIX FOR STANDARD SYMBOLS

\*\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |      |     |     |     |     |     |     |
|--------------------------|------|-----|-----|-----|-----|-----|-----|
| A                        | B    | C   | D   | E   | F   | G   | H   |
| 3000                     | 2900 | 38  | 50  | 150 | 900 | 750 | 200 |
| J                        | K    | L   | M   | N   | P   | Q   | R   |
| 250D                     | 550  | 450 | 900 | 150 | 300 | 50  | 150 |

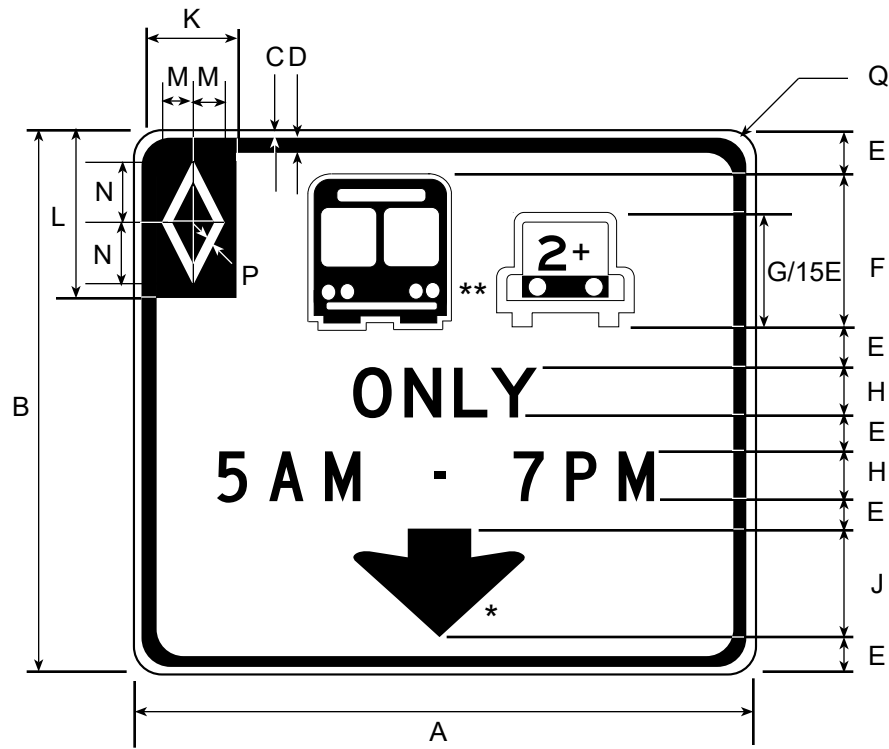
| DIMENSIONS (INCHES) |    |       |    |   |    |    |   |
|---------------------|----|-------|----|---|----|----|---|
| A                   | B  | C     | D  | E | F  | G  | H |
| 120                 | 96 | 1 1/2 | 2  | 6 | 36 | 30 | 8 |
| J                   | K  | L     | M  | N | P  | Q  | R |
| 10D                 | 22 | 18    | 36 | 6 | 12 | 2  | 6 |

## COLORS

LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)  
 SYMBOLS - WHITE (REFL) ON BLACK (NON-REFL)

# R3-1402

6/03



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

\*\*SEE APPENDIX FOR STANDARD SYMBOLS

| DIMENSIONS (MILLIMETERS) |      |    |    |     |     |     |      |
|--------------------------|------|----|----|-----|-----|-----|------|
| A                        | B    | C  | D  | E   | F   | G   | H    |
| 3000                     | 2700 | 38 | 50 | 150 | 900 | 750 | 250D |

| J   | K   | L   | M   | N   | P  | Q   |
|-----|-----|-----|-----|-----|----|-----|
| 550 | 450 | 900 | 150 | 300 | 50 | 150 |

| DIMENSIONS (INCHES) |     |       |   |   |    |    |     |
|---------------------|-----|-------|---|---|----|----|-----|
| A                   | B   | C     | D | E | F  | G  | H   |
| 120                 | 108 | 1 1/2 | 2 | 6 | 36 | 30 | 10D |

| J  | K  | L  | M | N  | P | Q |
|----|----|----|---|----|---|---|
| 22 | 18 | 36 | 6 | 12 | 2 | 6 |

## COLORS

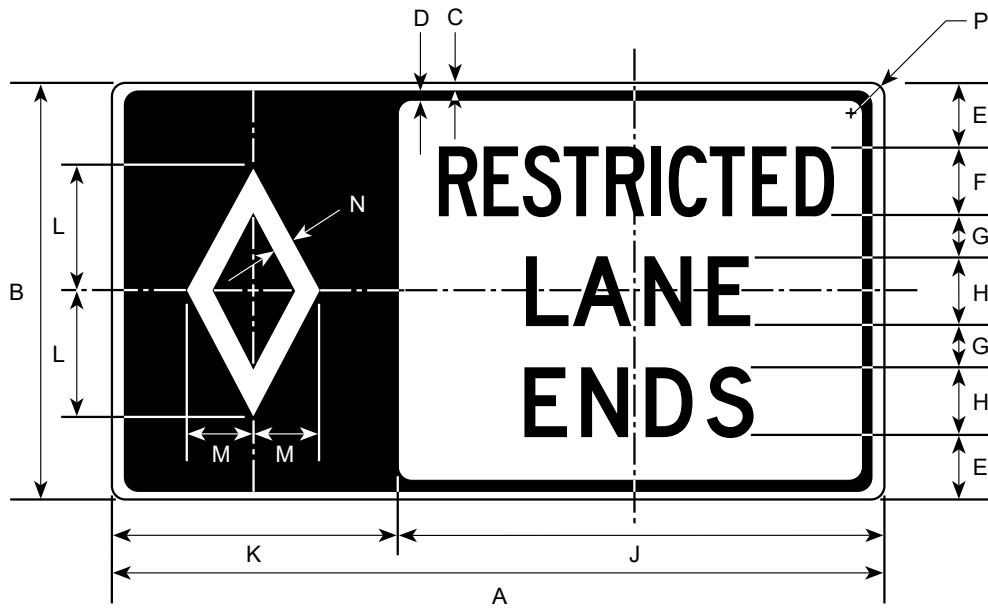
LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

SYMBOLS - WHITE (REFL) ON BLACK (NON-REFL)

# R3-15

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |      |      |     |     |     |    |    |
|--------------------------|------|----|----|-----|------|-----|------|------|-----|-----|-----|----|----|
| A                        | B    | C  | D  | E   | F    | G   | H    | J    | K   | L   | M   | N  | P  |
| 1500                     | 900  | 16 | 22 | 138 | 150C | 88  | 150D | 1050 | 600 | 300 | 150 | 50 | 56 |
| 2100                     | 1200 | 19 | 31 | 175 | 200C | 125 | 200D | 1350 | 750 | 400 | 200 | 63 | 74 |
| 2400                     | 1500 | 25 | 38 | 225 | 250C | 150 | 250D | 1650 | 900 | 500 | 250 | 75 | 94 |

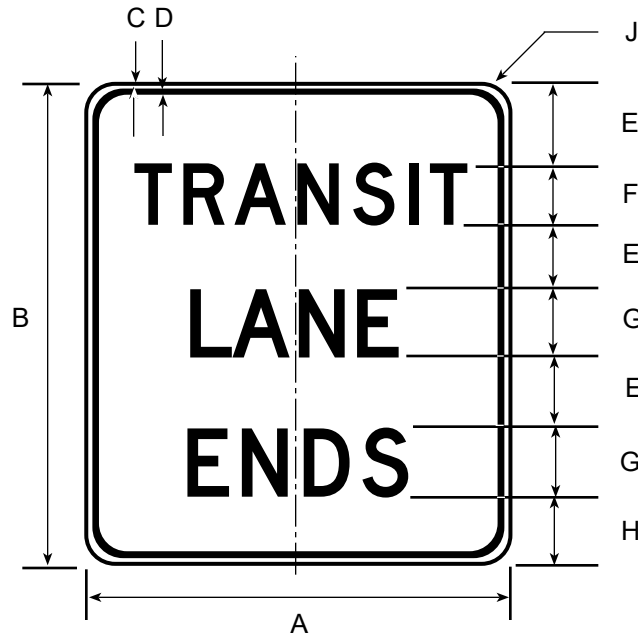
| DIMENSIONS (INCHES) |    |     |       |       |     |       |     |    |    |    |    |       |       |
|---------------------|----|-----|-------|-------|-----|-------|-----|----|----|----|----|-------|-------|
| A                   | B  | C   | D     | E     | F   | G     | H   | J  | K  | L  | M  | N     | P     |
| 60                  | 36 | 5/8 | 7/8   | 5 1/2 | 6C  | 3 1/2 | 6D  | 42 | 24 | 12 | 6  | 2     | 2 1/4 |
| 84                  | 48 | 3/4 | 1 1/4 | 7     | 8C  | 5     | 8D  | 54 | 30 | 16 | 8  | 2 1/2 | 3     |
| 96                  | 60 | 1   | 1 1/2 | 9     | 10C | 6     | 10D | 66 | 36 | 20 | 10 | 3     | 3 3/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)  
 SYMBOL - REFL WHITE ON BLACK

# R3-1502

5/03



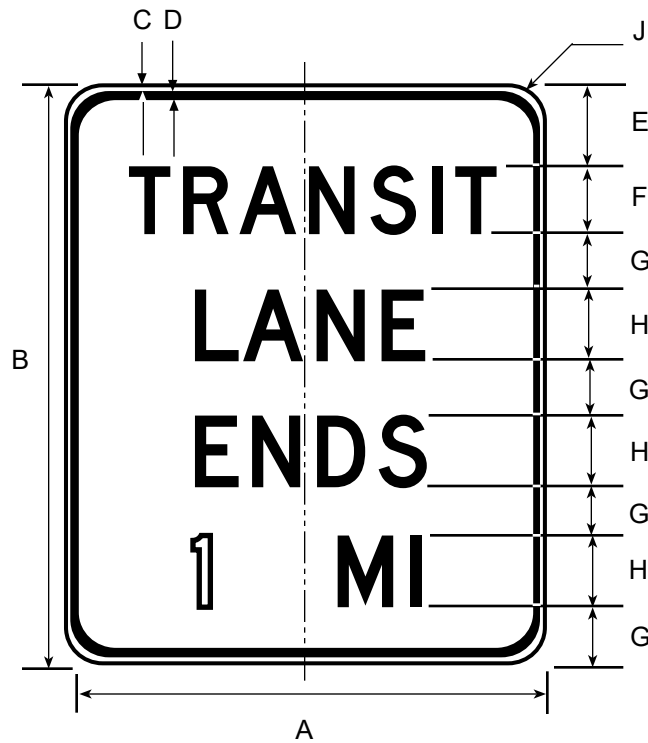
| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |      |     |    |
|--------------------------|------|----|----|-----|------|------|-----|----|
| A                        | B    | C  | D  | E   | F    | G    | H   | J  |
| 1200                     | 1200 | 19 | 31 | 150 | 175D | 200D | 175 | 75 |

| DIMENSIONS (INCHES) |    |     |       |   |    |    |   |   |
|---------------------|----|-----|-------|---|----|----|---|---|
| A                   | B  | C   | D     | E | F  | G  | H | J |
| 48                  | 48 | 3/4 | 1 1/4 | 6 | 7D | 8D | 7 | 3 |

COLORS  
 LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)

# R3-1503

5/03



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |      |    |
|--------------------------|------|----|----|-----|------|-----|------|----|
| A                        | B    | C  | D  | E   | F    | G   | H    | J  |
| 1200                     | 1500 | 19 | 31 | 125 | 175D | 150 | 200D | 75 |

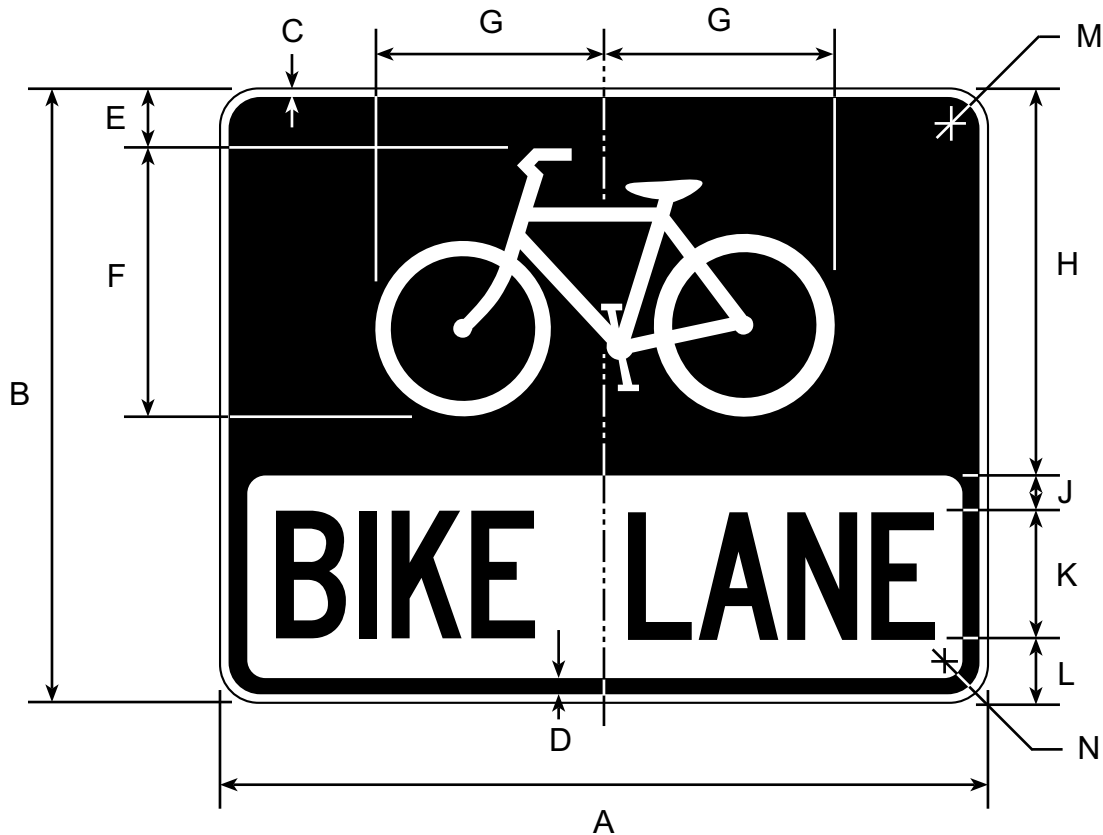
| DIMENSIONS (INCHES) |    |     |       |   |    |   |    |   |
|---------------------|----|-----|-------|---|----|---|----|---|
| A                   | B  | C   | D     | E | F  | G | H  | J |
| 48                  | 60 | 3/4 | 1 1/4 | 5 | 7D | 6 | 8D | 3 |

COLORS  
 LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)



# R3-17

2/06



\*\*\* See appendix for standard symbol details

| DIMENSIONS (MILLIMETERS) |     |   |    |    |     |     |     |    |      |    |    |    |
|--------------------------|-----|---|----|----|-----|-----|-----|----|------|----|----|----|
| A                        | B   | C | D  | E  | F   | G   | H   | J  | K    | L  | M  | N  |
| 750                      | 600 | 9 | 16 | 69 | 262 | 225 | 375 | 38 | 125C | 63 | 38 | 19 |

| DIMENSIONS (INCHES) |    |     |     |       |        |   |    |       |    |       |       |     |
|---------------------|----|-----|-----|-------|--------|---|----|-------|----|-------|-------|-----|
| A                   | B  | C   | D   | E     | F      | G | H  | J     | K  | L     | M     | N   |
| 30                  | 24 | 3/8 | 5/8 | 2 3/4 | 10 1/2 | 9 | 15 | 1 1/2 | 5C | 2 1/2 | 1 1/2 | 3/4 |

## COLORS

### TOP

SYMBOL - WHITE (REFL)  
BACKGROUND - BLACK (NON-REFL)

### BOTTOM

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R3-17B

2/06



# R3-17C



| DIMENSIONS (MILLIMETERS) |     |   |    |    |      |    |
|--------------------------|-----|---|----|----|------|----|
| A                        | B   | C | D  | E  | F    | G  |
| 750                      | 300 | 9 | 16 | 88 | 125D | 38 |

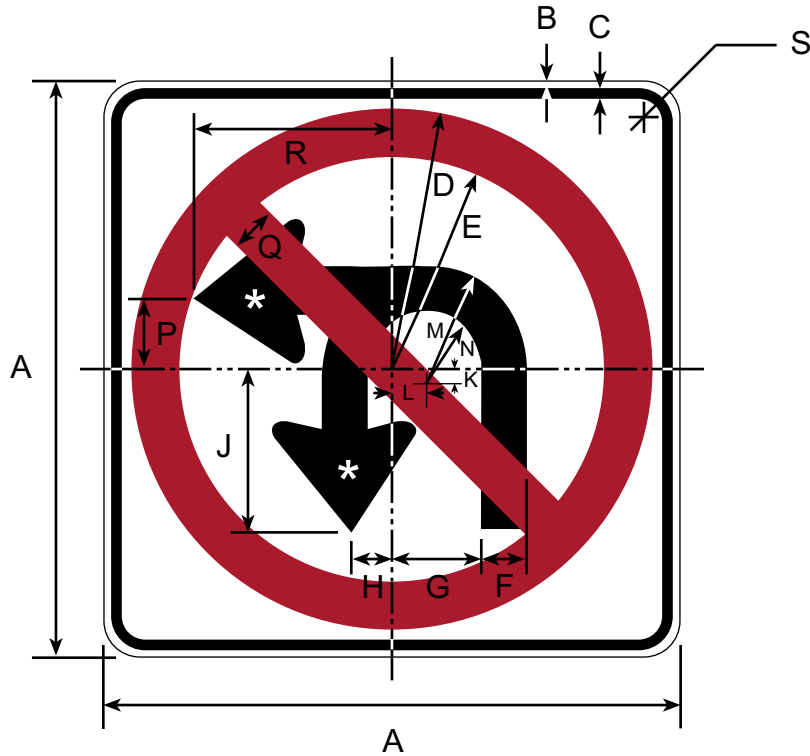
| DIMENSIONS (INCHES) |    |     |     |       |    |       |
|---------------------|----|-----|-----|-------|----|-------|
| A                   | B  | C   | D   | E     | F  | G     |
| 30                  | 12 | 3/8 | 5/8 | 3 1/2 | 5D | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R3-18

2/06



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

## DIMENSIONS IN INCHES

| A  | B   | C     | D        | E        | F       | G       | H       |
|----|-----|-------|----------|----------|---------|---------|---------|
| 24 | 3/8 | 5/8   | 10 13/32 | 8 9/16   | 2 5/64  | 3 11/16 | 1 27/32 |
| 30 | 1/2 | 3/4   | 13       | 10 3/4   | 2 19/32 | 4 19/32 | 2 9/32  |
| 36 | 5/8 | 7/8   | 15 39/64 | 12 57/64 | 3 1/8   | 5 33/64 | 2 3/4   |
| 48 | 3/4 | 1 1/4 | 20 13/16 | 17 9/64  | 4 11/64 | 7 3/8   | 3 11/16 |

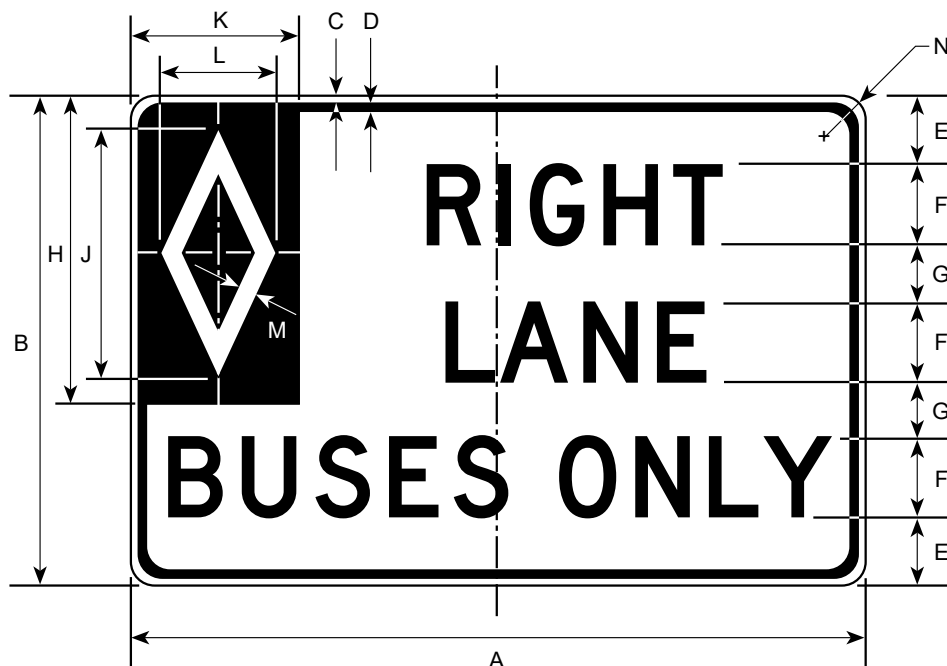
| J        | K     | L       | M       | N       | P       | Q       | R        | S     |
|----------|-------|---------|---------|---------|---------|---------|----------|-------|
| 6 51/64  | 13/32 | 1 1/2   | 4 21/64 | 2 1/4   | 2 59/64 | 1 39/64 | 8 3/32   | 1 1/2 |
| 8 17/32  | 31/64 | 1 51/64 | 5 13/32 | 2 51/64 | 3 21/32 | 2       | 10 3/32  | 1 7/8 |
| 10 1/4   | 9/16  | 2 11/64 | 6 31/64 | 3 3/8   | 4 3/8   | 2 13/32 | 12 3/32  | 2 1/4 |
| 13 39/64 | 51/64 | 2 7/8   | 8 41/64 | 4 31/64 | 5 27/32 | 3 13/64 | 16 11/64 | 3     |

## COLORS

CIRCLE & DIAGONAL - RED (REFL)  
 ARROWS & BORDER - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)

# R3-2001

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |     |     |     |     |    |    |
|--------------------------|------|----|----|-----|------|-----|-----|-----|-----|-----|----|----|
| A                        | B    | C  | D  | E   | F    | G   | H   | J   | K   | L   | M  | N  |
| 900                      | 600  | 13 | 19 | 91  | 100D | 59  | 388 | 300 | 200 | 150 | 19 | 38 |
| 1200                     | 900  | 16 | 25 | 131 | 150D | 94  | 578 | 450 | 297 | 225 | 25 | 56 |
| 1500                     | 1200 | 19 | 31 | 175 | 200D | 125 | 769 | 600 | 394 | 300 | 31 | 75 |

| DIMENSIONS (INCHES) |    |     |       |       |    |       |        |    |        |    |       |       |
|---------------------|----|-----|-------|-------|----|-------|--------|----|--------|----|-------|-------|
| A                   | B  | C   | D     | E     | F  | G     | H      | J  | K      | L  | M     | N     |
| 36                  | 24 | 1/2 | 3/4   | 3 5/8 | 4D | 2 3/8 | 15 1/2 | 12 | 8      | 6  | 3/4   | 1 1/2 |
| 48                  | 36 | 5/8 | 1     | 5 1/4 | 6D | 3 3/4 | 23 1/8 | 18 | 11 7/8 | 9  | 1     | 2 1/4 |
| 60                  | 48 | 3/4 | 1 1/4 | 7     | 8D | 5     | 30 3/4 | 24 | 15 3/4 | 12 | 1 1/4 | 3     |

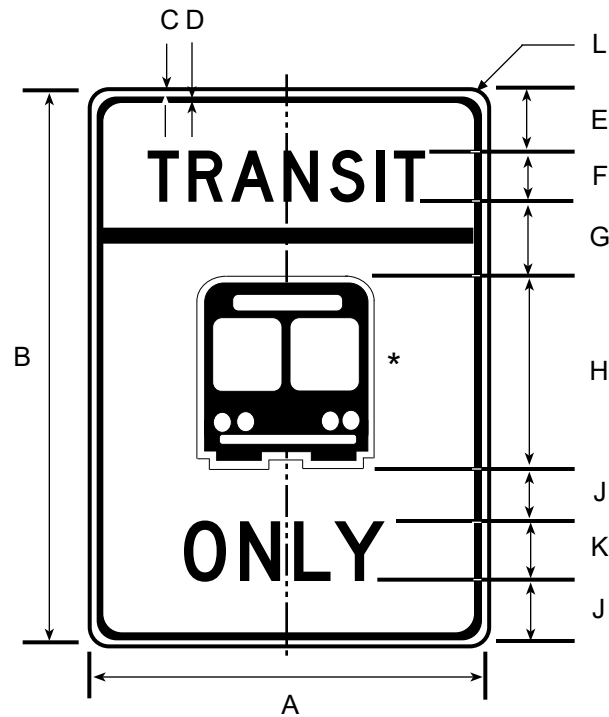
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

# R3-2002

5/03



\* SEE APPENDIX FOR STANDARD SYMBOL

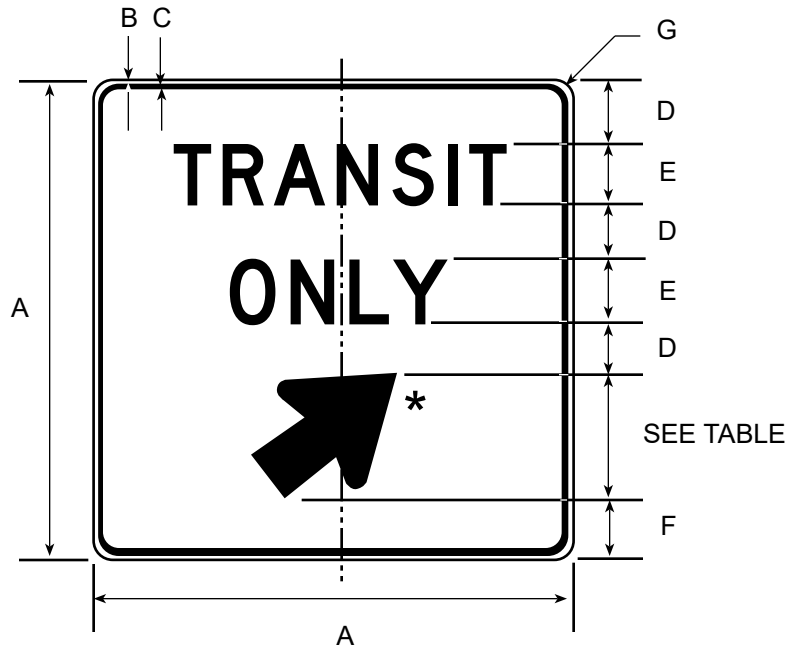
| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |     |     |      |    |
|--------------------------|------|----|----|-----|------|-----|-----|-----|------|----|
| A                        | B    | C  | D  | E   | F    | G   | H   | J   | K    | L  |
| 900                      | 1500 | 16 | 22 | 125 | 150D | 175 | 550 | 150 | 200D | 56 |

| DIMENSIONS (INCHES) |    |     |     |   |    |   |    |   |    |       |
|---------------------|----|-----|-----|---|----|---|----|---|----|-------|
| A                   | B  | C   | D   | E | F  | G | H  | J | K  | L     |
| 36                  | 60 | 5/8 | 7/8 | 5 | 6D | 7 | 22 | 6 | 8D | 2 1/4 |

COLORS  
 LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)

# R3-2003

5/03



\* SEE APPENDIX FOR STANDARD ARROW DETAIL

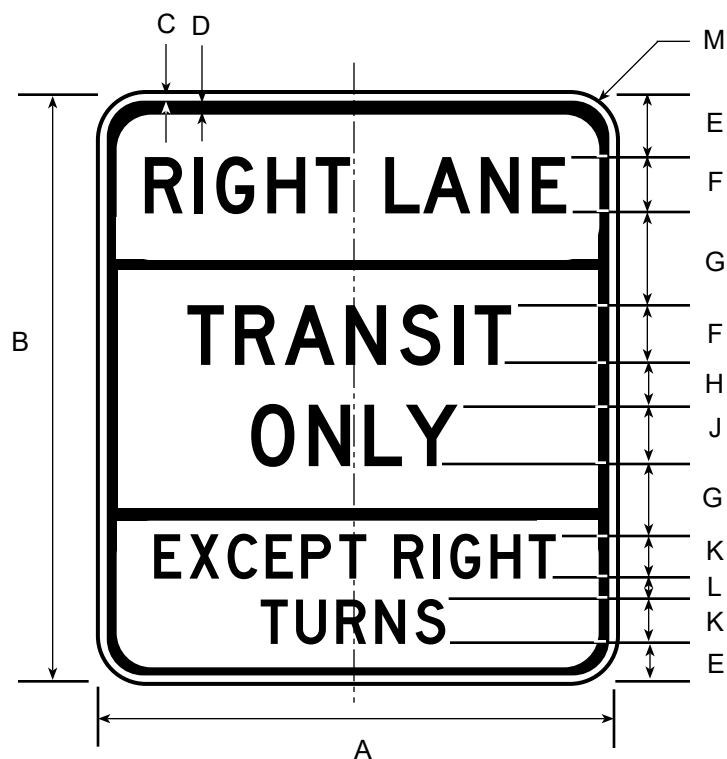
| DIMENSIONS (MILLIMETERS) |    |    |     |      |     |               |    |
|--------------------------|----|----|-----|------|-----|---------------|----|
| A                        | B  | C  | D   | E    | F   | ARROW<br>SIZE | G  |
| 1500                     | 19 | 31 | 200 | 200D | 225 | NO. 1         | 75 |

| DIMENSIONS (INCHES) |     |       |   |    |   |               |   |
|---------------------|-----|-------|---|----|---|---------------|---|
| A                   | B   | C     | D | E  | F | ARROW<br>SIZE | G |
| 60                  | 3/4 | 1 1/4 | 8 | 8D | 9 | NO. 1         | 3 |

COLORS  
 LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)

# R3-2004

5/03



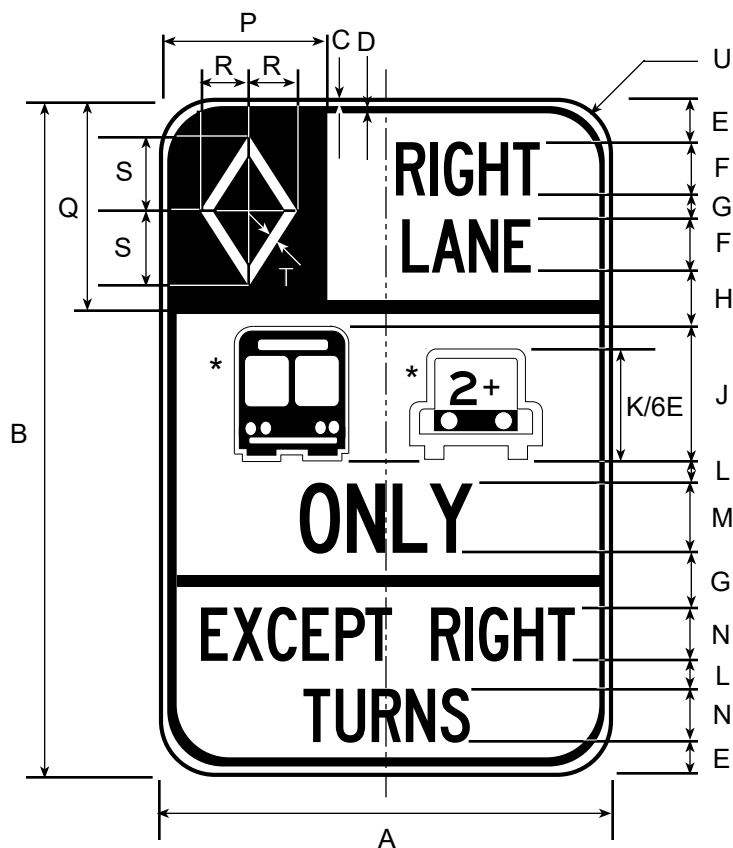
| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |    |      |     |    |    |
|--------------------------|------|----|----|-----|------|-----|----|------|-----|----|----|
| A                        | B    | C  | D  | E   | F    | G   | H  | J    | K   | L  | M  |
| 900                      | 1050 | 16 | 22 | 100 | 100D | 125 | 75 | 125D | 75D | 50 | 56 |

| DIMENSIONS (INCHES) |    |     |     |   |    |   |   |    |    |   |       |
|---------------------|----|-----|-----|---|----|---|---|----|----|---|-------|
| A                   | B  | C   | D   | E | F  | G | H | J  | K  | L | M     |
| 36                  | 42 | 5/8 | 7/8 | 4 | 4D | 5 | 3 | 5D | 3D | 2 | 2 1/4 |

COLORS  
 LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)

# R3-2005

6/03



\* SEE APPENDIX FOR STANDARD SYMBOLS

| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |    |     |     |    |
|--------------------------|------|----|----|-----|------|----|-----|-----|----|
| A                        | B    | C  | D  | E   | F    | G  | H   | J   | K  |
| 900                      | 1350 | 16 | 22 | 100 | 100D | 75 | 125 | 350 | 12 |

| L  | M    | N   | P   | Q   | R  | S   | T  | U  |
|----|------|-----|-----|-----|----|-----|----|----|
| 50 | 125D | 75C | 300 | 450 | 94 | 188 | 31 | 56 |

| DIMENSIONS (MILLIMETERS) |    |     |     |   |    |   |   |    |    |
|--------------------------|----|-----|-----|---|----|---|---|----|----|
| A                        | B  | C   | D   | E | F  | G | H | J  | K  |
| 36                       | 54 | 5/8 | 7/8 | 4 | 4D | 3 | 5 | 14 | 12 |

| L | M  | N  | P  | Q  | R     | S     | T     | U     |
|---|----|----|----|----|-------|-------|-------|-------|
| 2 | 5D | 3C | 12 | 18 | 3 3/4 | 7 1/2 | 1 1/4 | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)

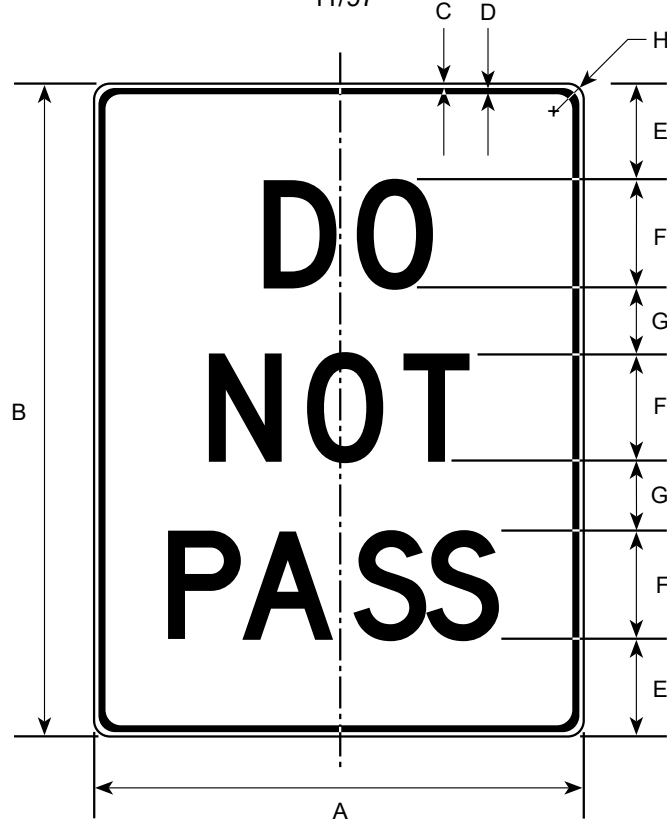
BACKGROUND - WHITE (REFL)

SYMBOLS - WHITE (REFL) ON BLACK (NON-REFL)



# R4-1

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |    |
|--------------------------|------|----|----|-----|------|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H  |
| 450                      | 600  | 9  | 16 | 88  | 100D | 63  | 38 |
| 600                      | 750  | 9  | 16 | 88  | 150D | 63  | 38 |
| 900                      | 1200 | 16 | 22 | 175 | 200D | 125 | 56 |
| 1200                     | 1500 | 19 | 31 | 200 | 250D | 175 | 75 |

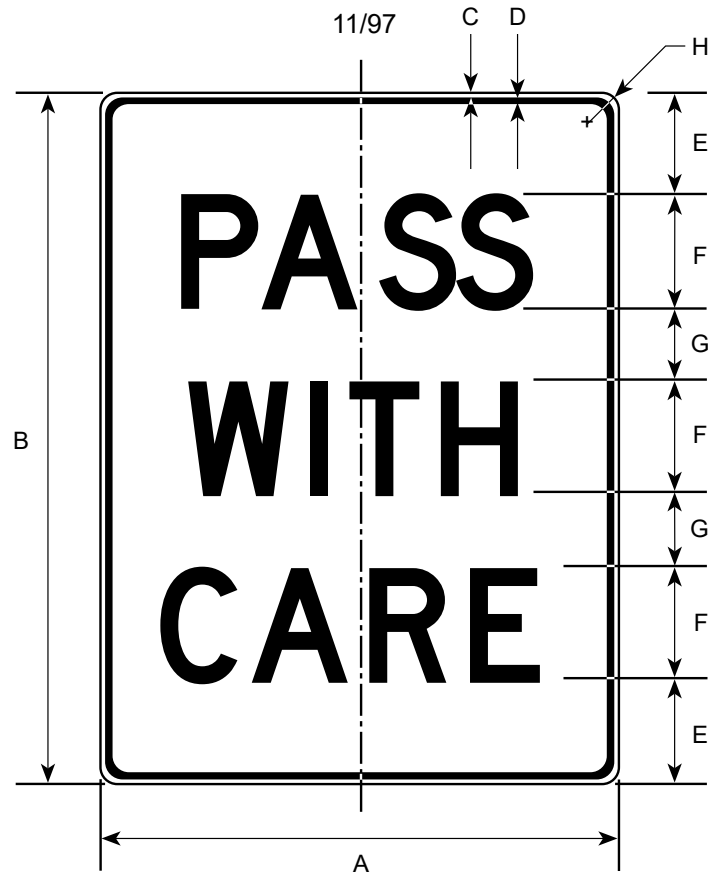
| DIMENSIONS (INCHES) |    |     |       |       |     |       |       |
|---------------------|----|-----|-------|-------|-----|-------|-------|
| A                   | B  | C   | D     | E     | F   | G     | H     |
| 18                  | 24 | 3/8 | 5/8   | 3 1/2 | 4D  | 2 1/2 | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8   | 3 1/2 | 6D  | 2 1/2 | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8   | 7     | 8D  | 5     | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 8     | 10D | 7     | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R4-2

11/97



DIMENSIONS (MILLIMETERS)

| A    | B    | C  | D  | E   | F    | G   | H  |
|------|------|----|----|-----|------|-----|----|
| 450  | 600  | 9  | 16 | 88  | 100C | 63  | 38 |
| 600  | 750  | 9  | 16 | 88  | 150C | 63  | 38 |
| 900  | 1200 | 16 | 22 | 175 | 200C | 125 | 56 |
| 1200 | 1500 | 19 | 31 | 200 | 250C | 175 | 75 |

DIMENSIONS (INCHES)

| A  | B  | C   | D     | E     | F   | G     | H     |
|----|----|-----|-------|-------|-----|-------|-------|
| 18 | 24 | 3/8 | 5/8   | 3 1/2 | 4C  | 2 1/2 | 1 1/2 |
| 24 | 30 | 3/8 | 5/8   | 3 1/2 | 6C  | 2 1/2 | 1 1/2 |
| 36 | 48 | 5/8 | 7/8   | 7     | 8C  | 5     | 2 1/4 |
| 48 | 60 | 3/4 | 1 1/4 | 8     | 10C | 7     | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R4-3

6/02



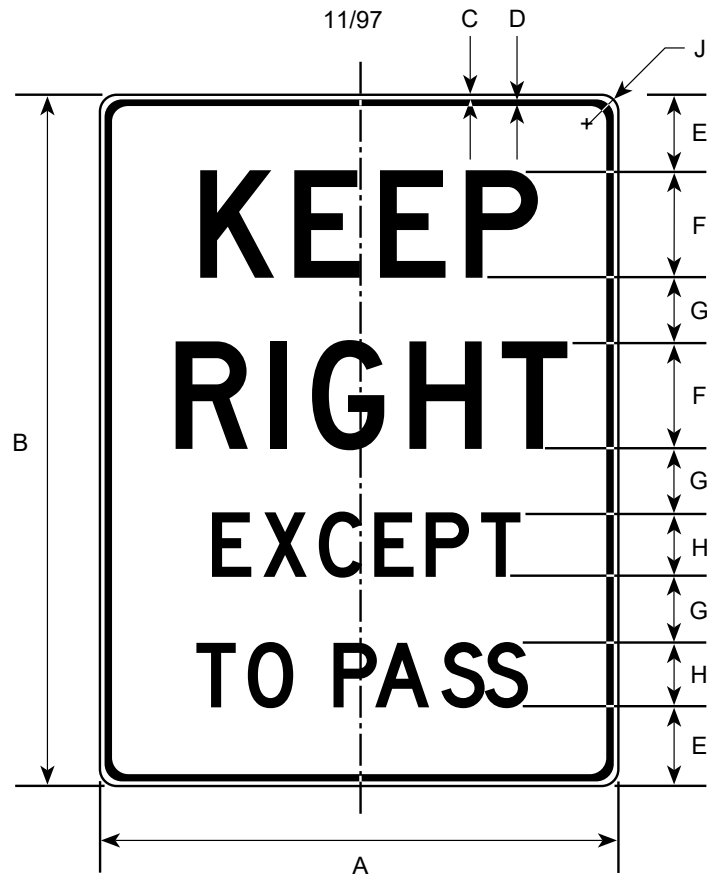
| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |    |
|--------------------------|------|----|----|-----|------|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H  |
| 600                      | 750  | 9  | 16 | 91  | 100D | 56  | 38 |
| 750                      | 900  | 13 | 19 | 97  | 125D | 69  | 47 |
| 900                      | 1200 | 16 | 22 | 150 | 150D | 100 | 56 |
| 1200                     | 1500 | 19 | 31 | 181 | 200D | 113 | 75 |

| DIMENSIONS (INCHES) |    |     |       |       |    |       |       |
|---------------------|----|-----|-------|-------|----|-------|-------|
| A                   | B  | C   | D     | E     | F  | G     | H     |
| 24                  | 30 | 3/8 | 5/8   | 3 5/8 | 4D | 2 1/4 | 1 1/2 |
| 30                  | 36 | 1/2 | 3/4   | 3 5/8 | 5D | 2 3/4 | 1 7/8 |
| 36                  | 48 | 5/8 | 7/8   | 6     | 6D | 4     | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 7 1/4 | 8D | 4 1/2 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R4-301



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |      |    |
|--------------------------|------|----|----|-----|------|-----|------|----|
| A                        | B    | C  | D  | E   | F    | G   | H    | J  |
| 900                      | 1200 | 16 | 22 | 150 | 200D | 100 | 100D | 56 |
| 1200                     | 1500 | 19 | 31 | 181 | 250D | 113 | 150D | 75 |

| DIMENSIONS (INCHES) |    |     |       |       |     |       |    |       |
|---------------------|----|-----|-------|-------|-----|-------|----|-------|
| A                   | B  | C   | D     | E     | F   | G     | H  | J     |
| 36                  | 48 | 5/8 | 7/8   | 6     | 8D  | 4     | 4D | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 7 1/4 | 10D | 4 1/2 | 6D | 3     |

## COLORS

LEGEND - ó BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R4-302

6/00



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |    |      |    |      |     |      |    |
|--------------------------|------|----|----|-----|------|----|------|----|------|-----|------|----|
| A                        | B    | C  | D  | E   | F    | G  | H    | J  | K    | L   | M    | N  |
| 1200                     | 1500 | 19 | 31 | 100 | 150D | 75 | 125C | 63 | 100C | 125 | 125D | 50 |

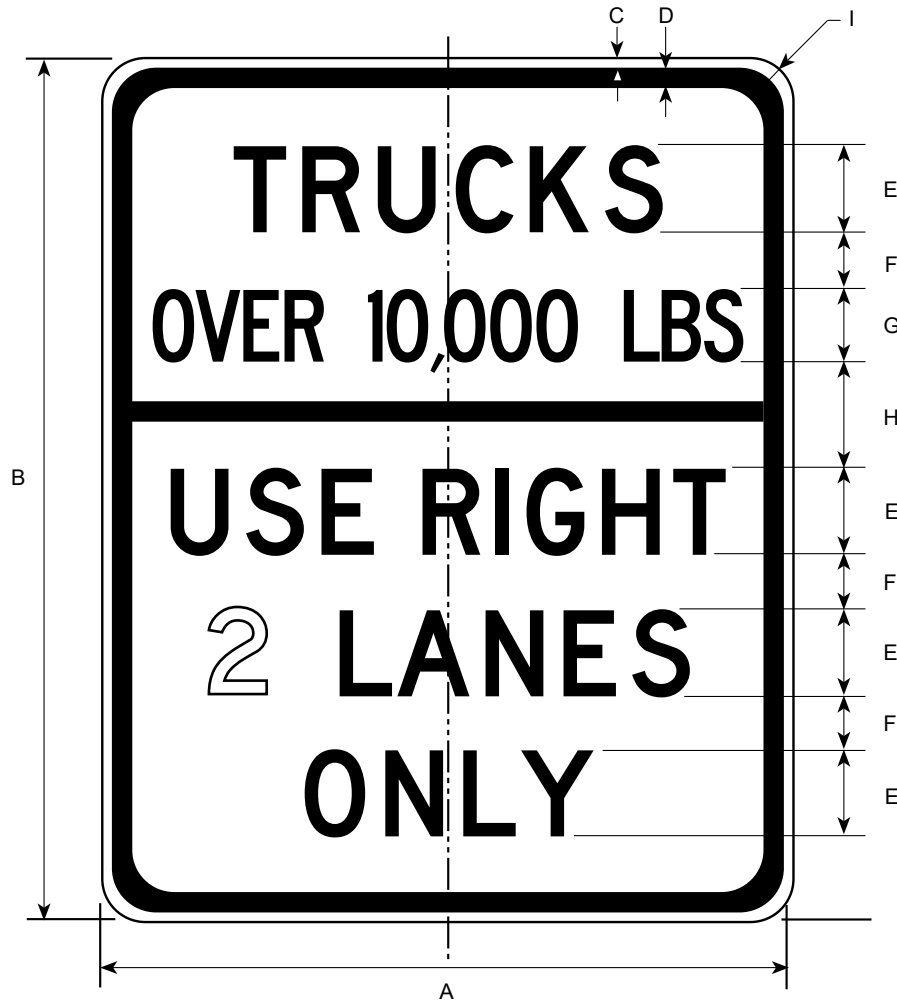
| DIMENSIONS (INCHES) |    |     |       |   |    |   |    |       |    |   |    |   |
|---------------------|----|-----|-------|---|----|---|----|-------|----|---|----|---|
| A                   | B  | C   | D     | E | F  | G | H  | J     | K  | L | M  | N |
| 48                  | 60 | 3/4 | 1 1/4 | 4 | 6D | 3 | 5C | 2 1/2 | 4C | 5 | 5D | 2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R4-302A

12/98



| DIMENSIONS (MILLIMETERS) |      |    |    |      |     |      |     |    |
|--------------------------|------|----|----|------|-----|------|-----|----|
| A                        | B    | C  | D  | E    | F   | G    | H   | I  |
| 1200                     | 1500 | 19 | 31 | 150D | 100 | 125C | 188 | 75 |

| DIMENSIONS (INCHES) |    |     |       |    |   |    |       |   |
|---------------------|----|-----|-------|----|---|----|-------|---|
| A                   | B  | C   | D     | E  | F | G  | H     | I |
| 48                  | 60 | 3/4 | 1 1/4 | 6D | 4 | 5C | 7 1/2 | 3 |

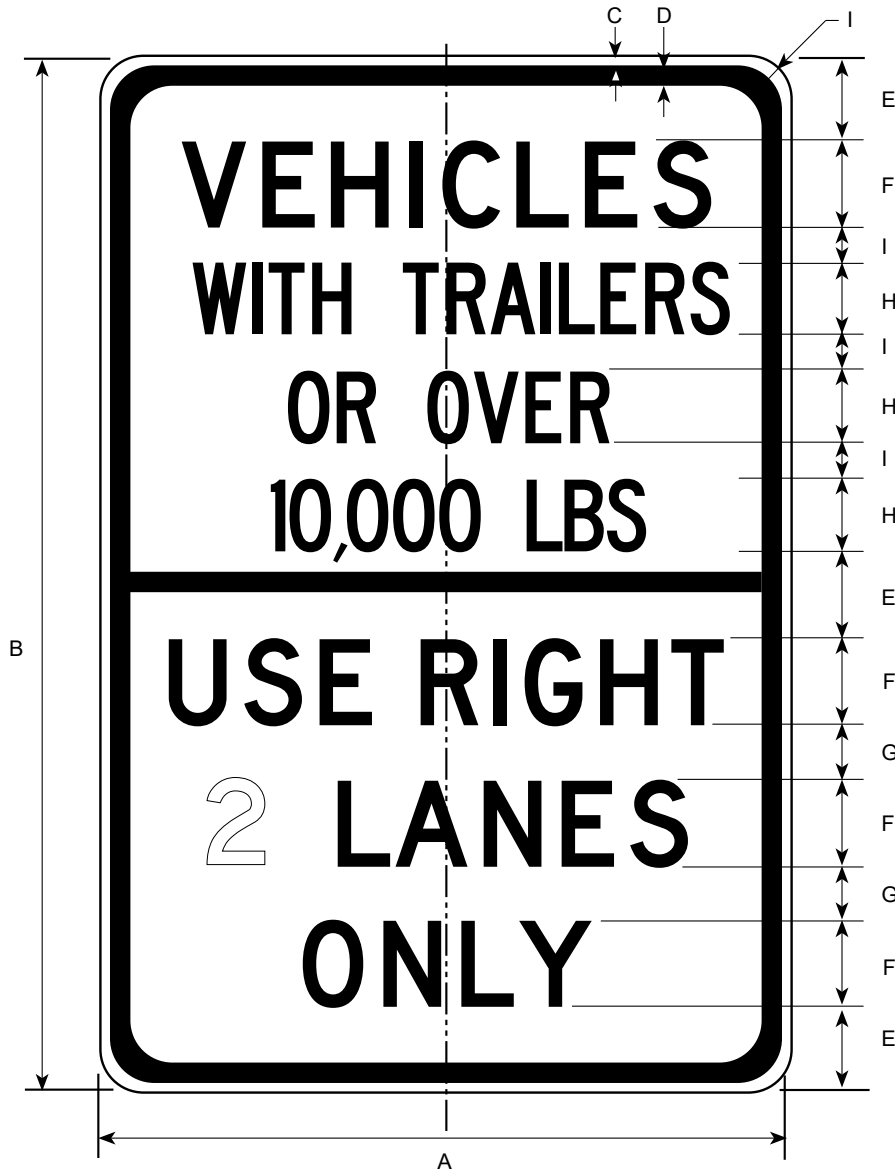
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

# R4-302B

12/98



| DIMENSIONS (MILLIMETERS) |      |    |    |      |     |      |     |    |
|--------------------------|------|----|----|------|-----|------|-----|----|
| A                        | B    | C  | D  | E    | F   | G    | H   | I  |
| 1200                     | 1800 | 19 | 31 | 150D | 100 | 125C | 188 | 75 |

| DIMENSIONS (INCHES) |    |     |       |    |   |    |       |   |
|---------------------|----|-----|-------|----|---|----|-------|---|
| A                   | B  | C   | D     | E  | F | G  | H     | I |
| 48                  | 72 | 3/4 | 1 1/4 | 6D | 4 | 5C | 7 1/2 | 3 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R4-4

11/97



\* See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |     |    |    |    |      |    |      |     |    |     |    |
|--------------------------|-----|----|----|----|------|----|------|-----|----|-----|----|
| A                        | B   | C  | D  | E  | F    | G  | H    | J   | K  | L   | M  |
| 900                      | 750 | 13 | 19 | 88 | 100C | 50 | 100B | 225 | 81 | 250 | 47 |

| DIMENSIONS (INCHES) |    |     |     |       |    |   |    |   |       |    |       |
|---------------------|----|-----|-----|-------|----|---|----|---|-------|----|-------|
| A                   | B  | C   | D   | E     | F  | G | H  | J | K     | L  | M     |
| 36                  | 30 | 1/2 | 3/4 | 3 1/2 | 4C | 2 | 4B | 9 | 3 1/4 | 10 | 1 7/8 |

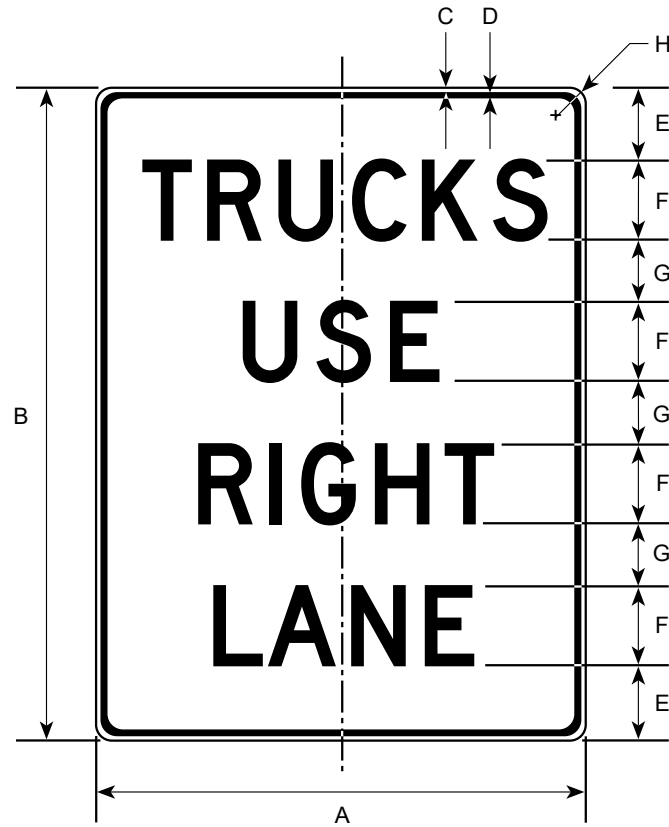
## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)



# R4-5

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |    |
|--------------------------|------|----|----|-----|------|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H  |
| 900                      | 1200 | 16 | 22 | 150 | 150D | 100 | 56 |
| 1200                     | 1500 | 19 | 31 | 181 | 200D | 113 | 75 |

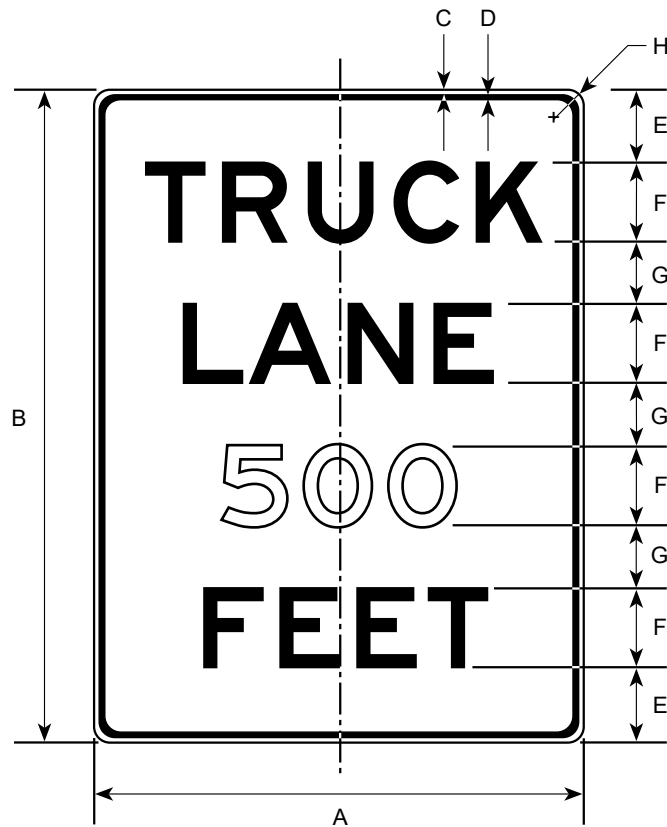
| DIMENSIONS (INCHES) |    |     |       |       |    |       |       |
|---------------------|----|-----|-------|-------|----|-------|-------|
| A                   | B  | C   | D     | E     | F  | G     | H     |
| 36                  | 48 | 5/8 | 7/8   | 6     | 6D | 4     | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 7 1/4 | 8D | 4 1/2 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R4-6

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |    |
|--------------------------|------|----|----|-----|------|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H  |
| 600                      | 750  | 9  | 16 | 91  | 100E | 56  | 38 |
| 900                      | 1200 | 16 | 22 | 150 | 150E | 100 | 56 |
| 1200                     | 1500 | 19 | 31 | 181 | 200E | 113 | 75 |

| DIMENSIONS (INCHES) |    |     |       |       |    |       |       |
|---------------------|----|-----|-------|-------|----|-------|-------|
| A                   | B  | C   | D     | E     | F  | G     | H     |
| 24                  | 30 | 3/8 | 5/8   | 3 5/8 | 4E | 2 1/4 | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8   | 6     | 6E | 4     | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 7 1/4 | 8E | 4 1/2 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R4-601

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |     |      |    |
|--------------------------|-----|----|----|-----|------|-----|------|----|
| A                        | B   | C  | D  | E   | F    | G   | H    | J  |
| 1200                     | 900 | 16 | 22 | 125 | 150E | 100 | 200E | 56 |

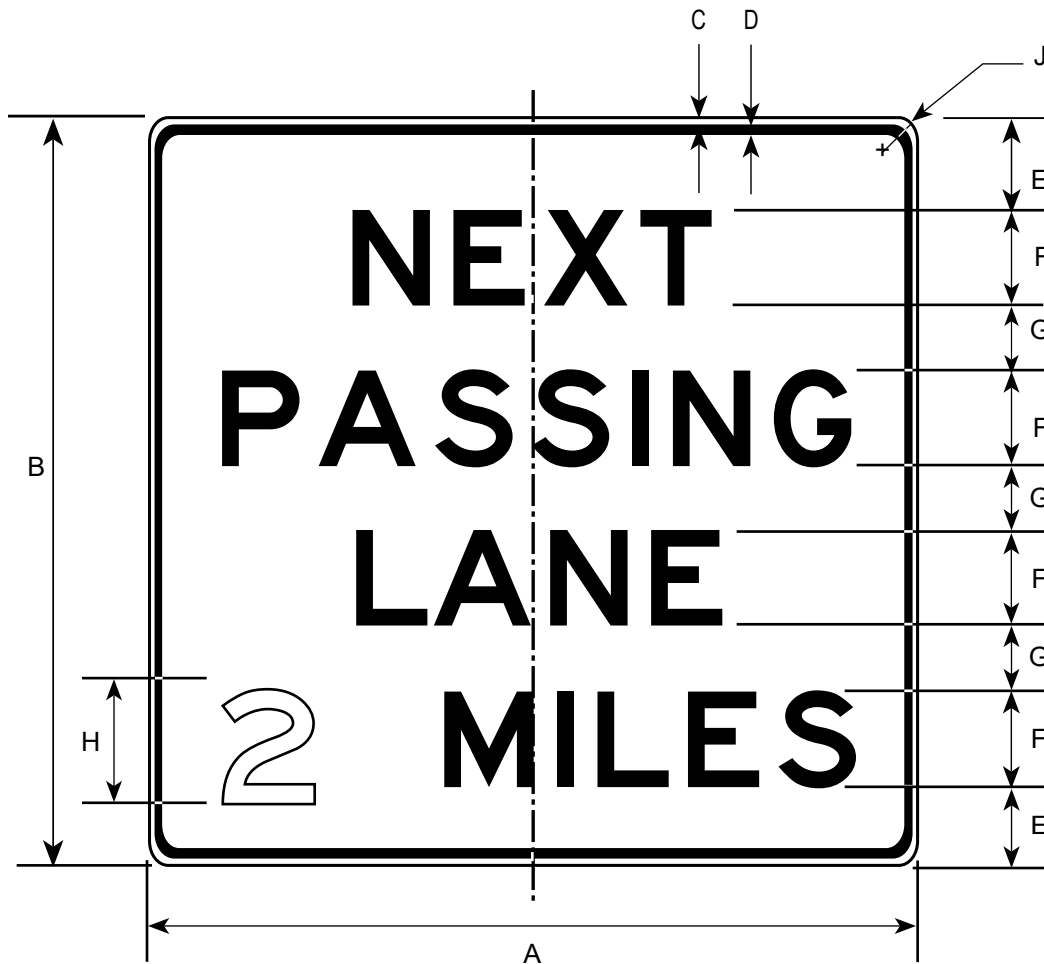
| DIMENSIONS (INCHES) |    |     |     |   |    |   |    |       |
|---------------------|----|-----|-----|---|----|---|----|-------|
| A                   | B  | C   | D   | E | F  | G | H  | J     |
| 48                  | 36 | 5/8 | 7/8 | 5 | 6E | 4 | 8E | 2 1/4 |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — WHITE (REFL)

# R4-602

6/00



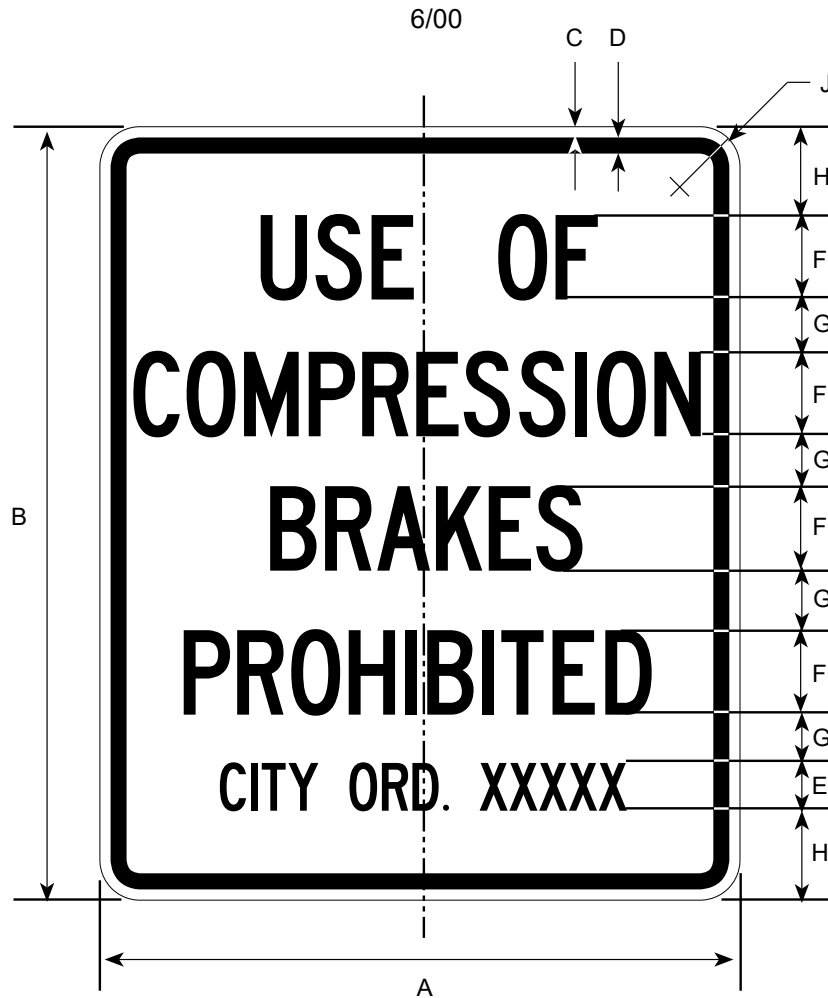
| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |      |    |
|--------------------------|------|----|----|-----|------|-----|------|----|
| A                        | B    | C  | D  | E   | F    | G   | H    | J  |
| 1200                     | 1200 | 16 | 22 | 150 | 150E | 100 | 200E | 56 |

| DIMENSIONS (INCHES) |    |     |     |   |    |   |    |       |
|---------------------|----|-----|-----|---|----|---|----|-------|
| A                   | B  | C   | D   | E | F  | G | H  | J     |
| 48                  | 48 | 5/8 | 7/8 | 6 | 6E | 4 | 8E | 2 1/4 |

## COLORS

LEGEND - 6 BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R4-604



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |    |       |    |
|--------------------------|------|----|----|-----|------|----|-------|----|
| A                        | B    | C  | D  | E   | F    | G  | H     | J  |
| 750                      | 900  | 13 | 19 | 50C | 100C | 75 | 75    | 47 |
| 1200                     | 1500 | 19 | 31 | 75C | 150C | 75 | 162.5 | 56 |

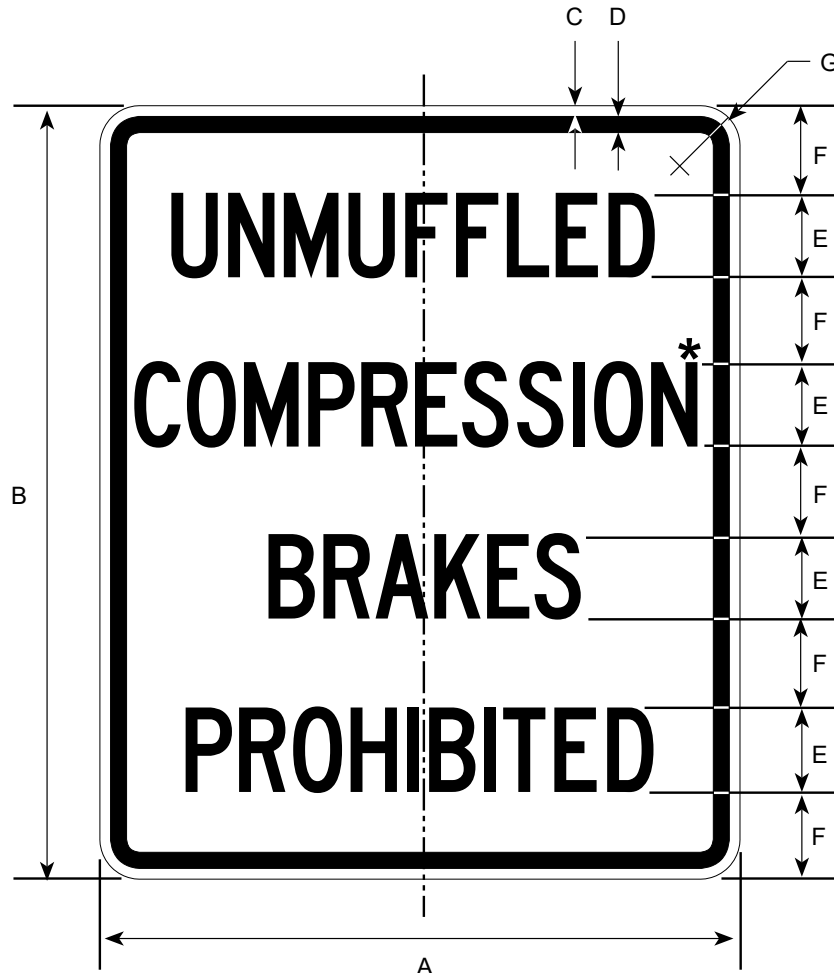
| DIMENSIONS (INCHES) |    |     |       |    |    |   |       |       |
|---------------------|----|-----|-------|----|----|---|-------|-------|
| A                   | B  | C   | D     | E  | F  | G | H     | J     |
| 30                  | 36 | 1/2 | 3/4   | 2C | 4C | 3 | 3     | 1 7/8 |
| 48                  | 60 | 3/4 | 1 1/4 | 3C | 6C | 3 | 6 1/2 | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R4-605

6/00



\* Reduce spacing 40%.

| DIMENSIONS (MILLIMETERS) |      |    |    |      |     |    |
|--------------------------|------|----|----|------|-----|----|
| A                        | B    | C  | D  | E    | F   | G  |
| 750                      | 900  | 13 | 19 | 100C | 100 | 47 |
| 1200                     | 1500 | 19 | 31 | 150C | 150 | 56 |

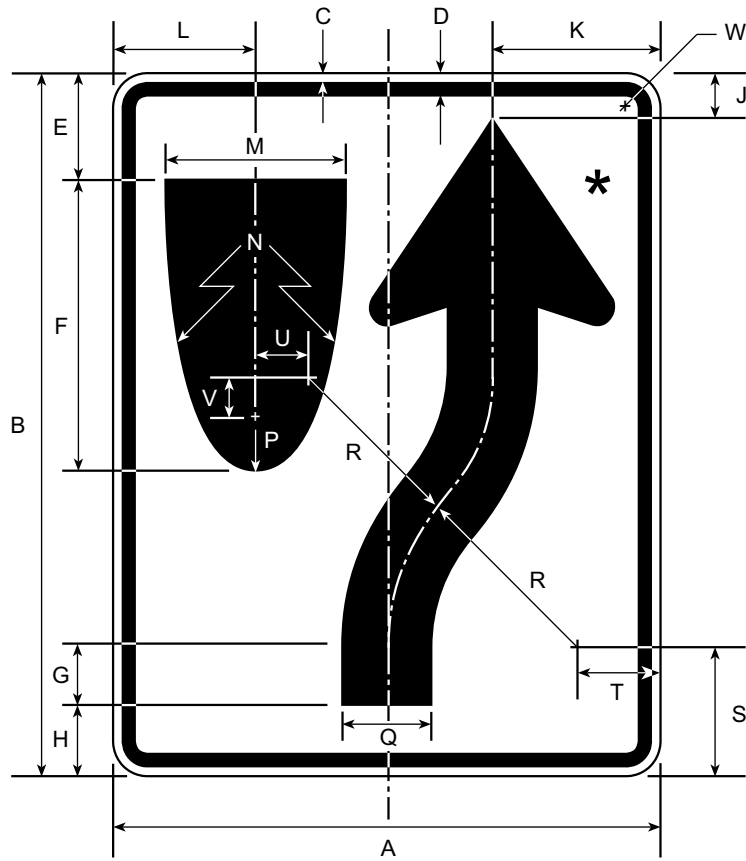
| DIMENSIONS (INCHES) |    |     |       |    |   |       |
|---------------------|----|-----|-------|----|---|-------|
| A                   | B  | C   | D     | E  | F | G     |
| 30                  | 36 | 1/2 | 3/4   | 4C | 4 | 1 7/8 |
| 48                  | 60 | 3/4 | 1 1/4 | 6C | 6 | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R4-7

3/06



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |      |    |    |     |     |     |     |    |     |     |     |      |     |     |     |     |     |    |     |    |
|--------------------------|------|----|----|-----|-----|-----|-----|----|-----|-----|-----|------|-----|-----|-----|-----|-----|----|-----|----|
| A                        | B    | C  | D  | E   | F   | G   | H   | J  | K   | L   | M   | N    | P   | Q   | R   | S   | T   | U  | V   | W  |
| 450                      | 600  | 9  | 16 | 84  | 234 | 47  | 56  | 34 | 138 | 117 | 150 | 563  | 38  | 75  | 169 | 103 | 56  | 27 | 11  | 38 |
| 600                      | 750  | 9  | 16 | 113 | 313 | 63  | 75  | 47 | 184 | 156 | 200 | 750  | 50  | 100 | 225 | 138 | 75  | 34 | 70  | 38 |
| 900                      | 1200 | 16 | 22 | 169 | 469 | 94  | 113 | 70 | 278 | 234 | 300 | 1125 | 75  | 150 | 338 | 206 | 113 | 50 | 69  | 56 |
| 1200                     | 1500 | 19 | 50 | 225 | 625 | 125 | 150 | 94 | 370 | 313 | 400 | 2700 | 100 | 200 | 450 | 275 | 150 | 67 | 125 | 75 |

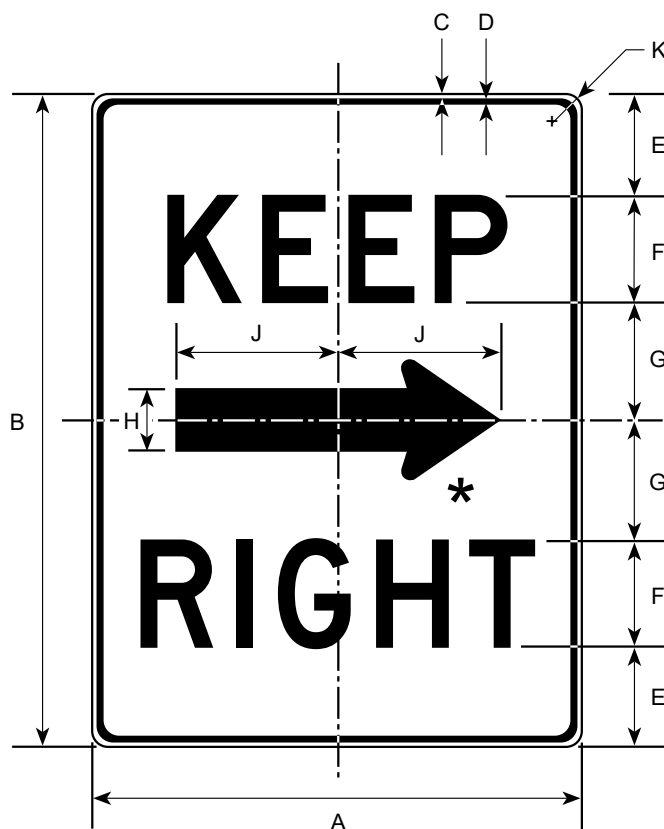
| DIMENSIONS (INCHES) |    |     |       |       |        |       |       |         |          |         |    |        |       |   |        |       |       |         |         |       |
|---------------------|----|-----|-------|-------|--------|-------|-------|---------|----------|---------|----|--------|-------|---|--------|-------|-------|---------|---------|-------|
| A                   | B  | C   | D     | E     | F      | G     | H     | J       | K        | L       | M  | N      | P     | Q | R      | S     | T     | U       | V       | W     |
| 18                  | 24 | 3/8 | 5/8   | 3 3/8 | 9 3/8  | 1 7/8 | 2 1/4 | 1 3/8   | 5 1/2    | 4 11/16 | 6  | 22 1/2 | 1 1/2 | 3 | 6 3/4  | 4 1/8 | 2 1/4 | 1 1/16  | 7/16    | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8   | 4 1/2 | 12 1/2 | 2 1/2 | 3     | 1 7/8   | 7 3/8    | 6 1/4   | 8  | 30     | 2     | 4 | 9      | 5 1/2 | 3     | 1 3/8   | 2 13/16 | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8   | 6 3/4 | 18 3/4 | 3 3/4 | 4 1/2 | 2 13/16 | 11 1/8   | 9 3/8   | 12 | 45     | 3     | 6 | 13 1/2 | 8 1/4 | 4 1/2 | 2       | 2 3/4   | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 9     | 25     | 5     | 6     | 3 3/4   | 14 13/16 | 12 1/2  | 16 | 60     | 4     | 8 | 18     | 11    | 6     | 2 11/16 | 5       | 3     |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — WHITE (REFL)

# R4-7A

11/97



\* See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |     |     |    |
|--------------------------|------|----|----|-----|------|-----|-----|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H   | J   | K  |
| 450                      | 600  | 9  | 16 | 94  | 100D | 106 | 56  | 150 | 38 |
| 600                      | 750  | 9  | 16 | 113 | 125D | 138 | 66  | 178 | 38 |
| 900                      | 1200 | 16 | 22 | 188 | 200D | 213 | 113 | 288 | 56 |
| 1200                     | 1500 | 19 | 31 | 225 | 250D | 275 | 131 | 356 | 75 |

| DIMENSIONS (INCHES) |    |     |       |       |     |       |       |        |       |
|---------------------|----|-----|-------|-------|-----|-------|-------|--------|-------|
| A                   | B  | C   | D     | E     | F   | G     | H     | J      | K     |
| 18                  | 24 | 3/8 | 5/8   | 3 3/4 | 4D  | 4 1/4 | 2 1/4 | 6      | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8   | 4 1/2 | 5D  | 5 1/2 | 2 5/8 | 7 1/8  | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8   | 7 1/2 | 8D  | 8 1/2 | 4 1/2 | 11 1/2 | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 9     | 10D | 11    | 5 1/4 | 14 1/4 | 3     |

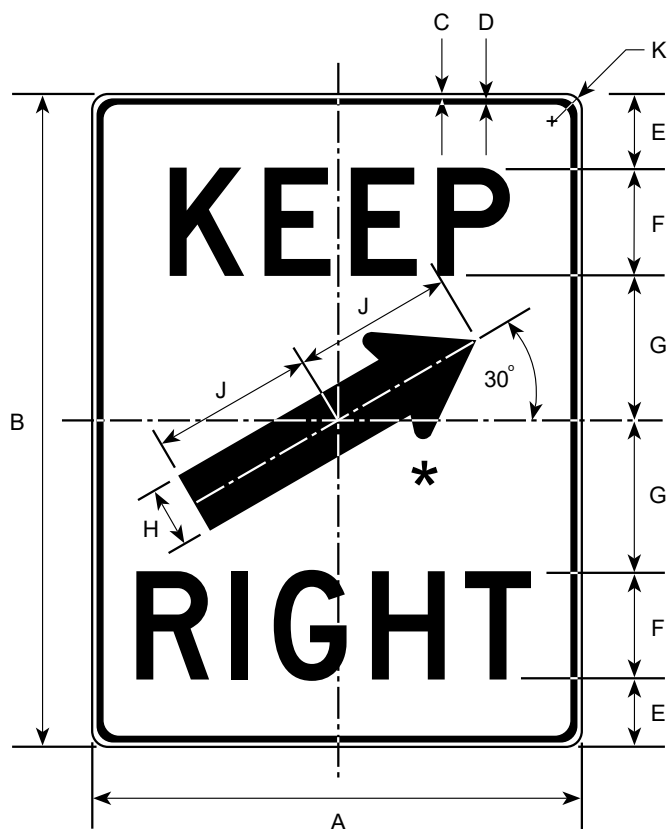
## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)



# R4-7B

11/97



\* See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |     |     |    |
|--------------------------|------|----|----|-----|------|-----|-----|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H   | J   | K  |
| 450                      | 600  | 9  | 16 | 63  | 100D | 138 | 56  | 150 | 38 |
| 600                      | 750  | 9  | 16 | 75  | 125D | 175 | 66  | 178 | 38 |
| 900                      | 1200 | 16 | 22 | 125 | 200D | 275 | 113 | 288 | 56 |
| 1200                     | 1500 | 19 | 31 | 150 | 250D | 350 | 131 | 356 | 75 |

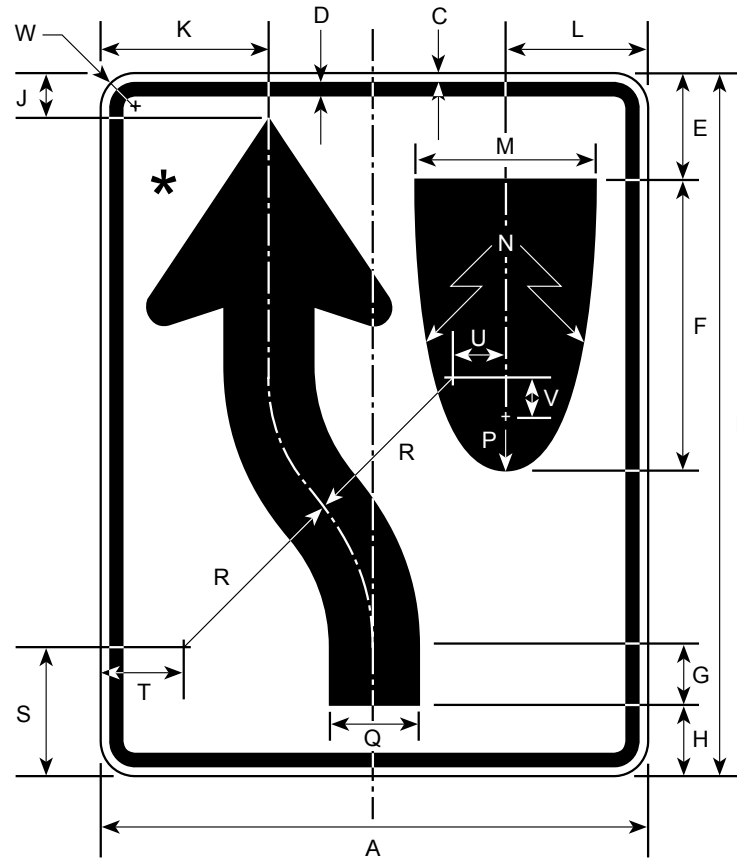
| DIMENSIONS (INCHES) |    |     |       |       |     |       |       |        |       |
|---------------------|----|-----|-------|-------|-----|-------|-------|--------|-------|
| A                   | B  | C   | D     | E     | F   | G     | H     | J      | K     |
| 18                  | 24 | 3/8 | 5/8   | 2 1/2 | 4D  | 5 1/2 | 2 1/4 | 6      | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8   | 3     | 5D  | 7     | 2 5/8 | 7 1/8  | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8   | 5     | 8D  | 11    | 4 1/2 | 11 1/2 | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 6     | 10D | 14    | 5 1/4 | 14 1/4 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R4-8

11/97



\* See appendix for standards arrow details

| DIMENSIONS (MILLIMETERS) |      |    |    |     |     |     |     |    |     |     |     |      |     |     |     |     |     |    |     |    |
|--------------------------|------|----|----|-----|-----|-----|-----|----|-----|-----|-----|------|-----|-----|-----|-----|-----|----|-----|----|
| A                        | B    | C  | D  | E   | F   | G   | H   | J  | K   | L   | M   | N    | P   | Q   | R   | S   | T   | U  | V   | W  |
| 450                      | 600  | 9  | 16 | 84  | 234 | 47  | 56  | 34 | 138 | 117 | 150 | 563  | 38  | 75  | 169 | 103 | 56  | 27 | 11  | 38 |
| 600                      | 750  | 9  | 16 | 113 | 313 | 63  | 75  | 47 | 184 | 156 | 200 | 750  | 50  | 100 | 225 | 138 | 75  | 34 | 70  | 38 |
| 900                      | 1200 | 16 | 22 | 169 | 469 | 86  | 113 | 70 | 278 | 234 | 300 | 1125 | 75  | 150 | 338 | 206 | 113 | 50 | 69  | 56 |
| 1200                     | 2700 | 19 | 50 | 225 | 625 | 125 | 150 | 94 | 370 | 313 | 400 | 2700 | 100 | 200 | 450 | 275 | 150 | 67 | 125 | 75 |

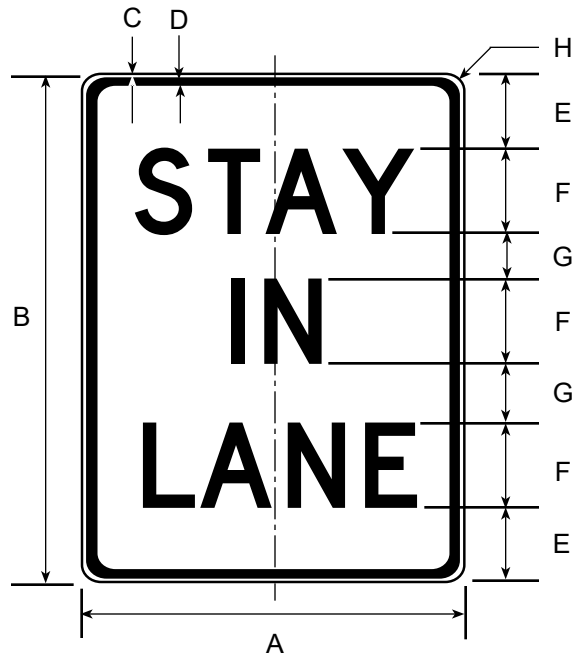
| DIMENSIONS (INCHES) |    |     |       |       |        |       |       |         |          |         |    |        |       |   |        |       |       |         |         |       |
|---------------------|----|-----|-------|-------|--------|-------|-------|---------|----------|---------|----|--------|-------|---|--------|-------|-------|---------|---------|-------|
| A                   | B  | C   | D     | E     | F      | G     | H     | J       | K        | L       | M  | N      | P     | Q | R      | S     | T     | U       | V       | W     |
| 18                  | 24 | 3/8 | 5/8   | 3 3/8 | 9 3/8  | 1 7/8 | 2 1/4 | 1 3/8   | 5 1/2    | 4 11/16 | 6  | 22 1/2 | 1 1/2 | 3 | 6 3/4  | 4 1/8 | 2 1/4 | 1 1/16  | 7/16    | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8   | 4 1/2 | 12 1/2 | 2 1/2 | 3     | 1 7/8   | 7 3/8    | 6 1/4   | 8  | 30     | 2     | 4 | 9      | 5 1/2 | 3     | 1 3/8   | 2 13/16 | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8   | 6 3/4 | 18 3/4 | 3 3/4 | 4 1/2 | 2 13/16 | 11 1/8   | 9 3/8   | 12 | 45     | 3     | 6 | 13 1/2 | 8 1/4 | 4 1/2 | 2       | 2 3/4   | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 9     | 25     | 5     | 6     | 3 3/4   | 14 13/16 | 12 1/2  | 16 | 60     | 4     | 8 | 18     | 11    | 6     | 2 11/16 | 5       | 3     |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — WHITE (REFL)

# R4-9

6/03



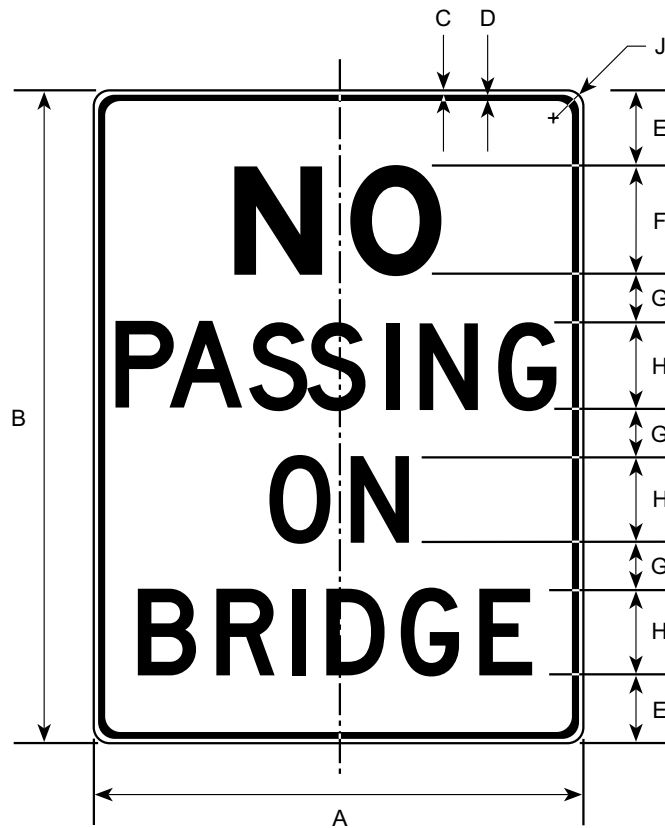
| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |    |
|--------------------------|------|----|----|-----|------|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H  |
| 450                      | 600  | 9  | 16 | 75  | 100D | 75  | 38 |
| 600                      | 750  | 9  | 16 | 92  | 125D | 95  | 38 |
| 900                      | 1200 | 16 | 22 | 206 | 175D | 131 | 56 |
| 1200                     | 1500 | 19 | 31 | 188 | 250D | 188 | 75 |

| DIMENSIONS (INCHES) |    |     |       |         |     |         |       |
|---------------------|----|-----|-------|---------|-----|---------|-------|
| A                   | B  | C   | D     | E       | F   | G       | H     |
| 18                  | 24 | 3/8 | 5/8   | 3       | 4D  | 3       | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8   | 3 11/16 | 5D  | 3 13/16 | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8   | 5 1/4   | 7D  | 5 1/4   | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 7 1/2   | 10D | 7 1/2   | 3     |

COLORS  
 LEGEND - BLACK  
 BACKGROUND - WHITE (REFL)

# R4-901

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |      |    |
|--------------------------|------|----|----|-----|------|-----|------|----|
| A                        | B    | C  | D  | E   | F    | G   | H    | J  |
| 600                      | 750  | 9  | 16 | 78  | 125E | 56  | 100D | 38 |
| 900                      | 1200 | 16 | 22 | 138 | 175E | 100 | 150D | 56 |
| 1200                     | 1500 | 19 | 31 | 169 | 225E | 113 | 200D | 75 |

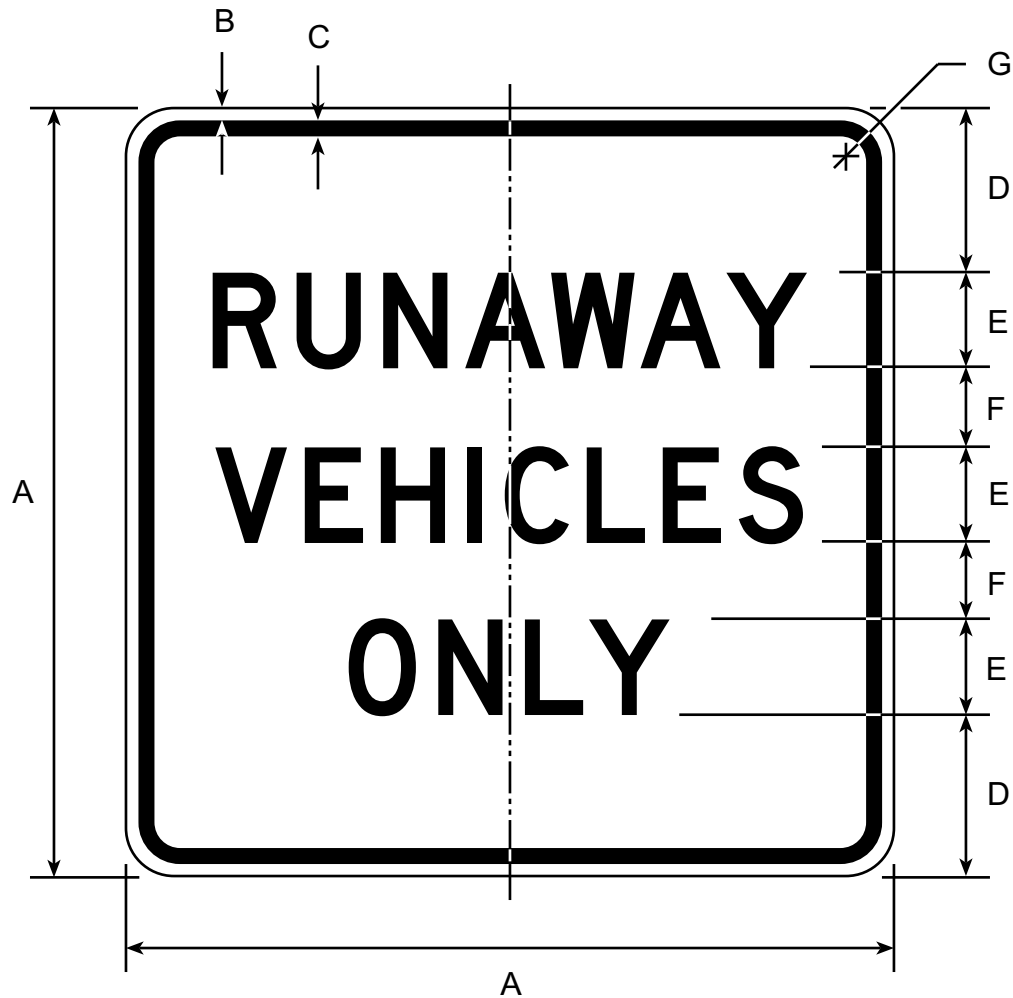
| DIMENSIONS (INCHES) |    |     |       |       |    |       |    |       |
|---------------------|----|-----|-------|-------|----|-------|----|-------|
| A                   | B  | C   | D     | E     | F  | G     | H  | J     |
| 24                  | 30 | 3/8 | 5/8   | 3 1/8 | 5E | 2 1/4 | 4D | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8   | 5 1/2 | 7E | 4     | 6D | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 6 3/4 | 9E | 4 1/2 | 8D | 3     |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — WHITE (REFL)

# R4-10

3/06



| DIMENSIONS (MILLIMETERS) |    |    |     |      |     |    |
|--------------------------|----|----|-----|------|-----|----|
| A                        | B  | C  | D   | E    | F   | G  |
| 1200                     | 19 | 31 | 250 | 150D | 125 | 75 |

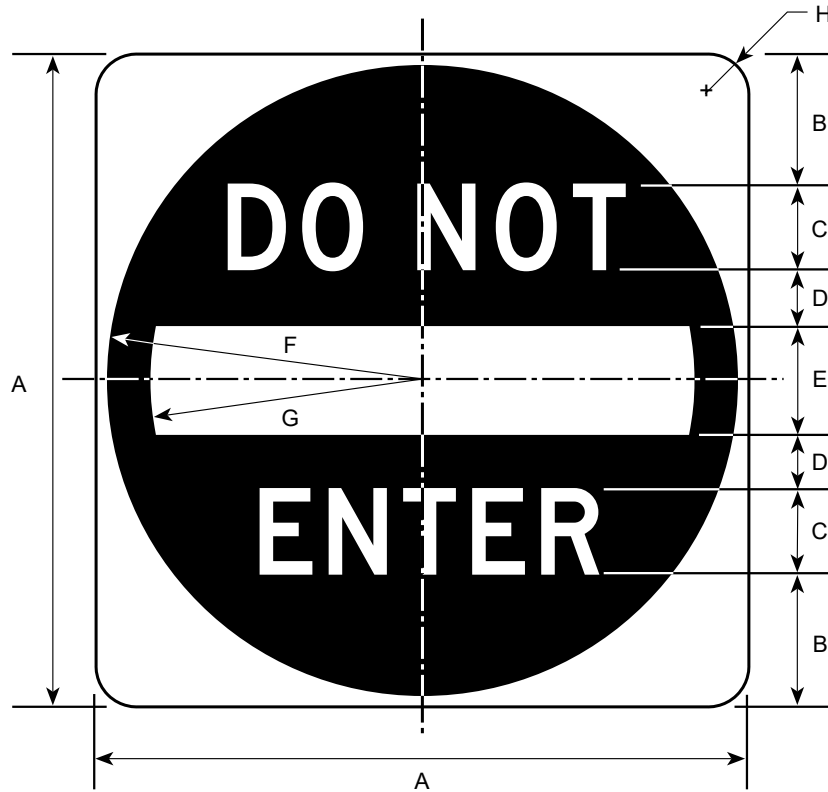
| DIMENSIONS (INCHES) |     |       |    |    |   |   |
|---------------------|-----|-------|----|----|---|---|
| A                   | B   | C     | D  | E  | F | G |
| 48                  | 3/4 | 1 1/4 | 10 | 6D | 5 | 3 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R5-1

11/97



| DIMENSIONS (MILLIMETERS) |     |      |    |     |     |     |    |
|--------------------------|-----|------|----|-----|-----|-----|----|
| A                        | B   | C    | D  | E   | F   | G   | H  |
| 750                      | 163 | 100D | 50 | 125 | 363 | 313 | 47 |
| 900                      | 188 | 125D | 63 | 150 | 438 | 375 | 56 |
| 1200                     | 275 | 150D | 75 | 200 | 588 | 500 | 75 |

| DIMENSIONS (INCHES) |       |    |       |   |        |        |       |
|---------------------|-------|----|-------|---|--------|--------|-------|
| A                   | B     | C  | D     | E | F      | G      | H     |
| 30                  | 6 1/2 | 4D | 2     | 5 | 14 1/2 | 12 1/2 | 1 7/8 |
| 36                  | 7 1/2 | 5D | 2 1/2 | 6 | 17 1/2 | 15     | 2 1/4 |
| 48                  | 11    | 6D | 3     | 8 | 23 1/2 | 20     | 3     |

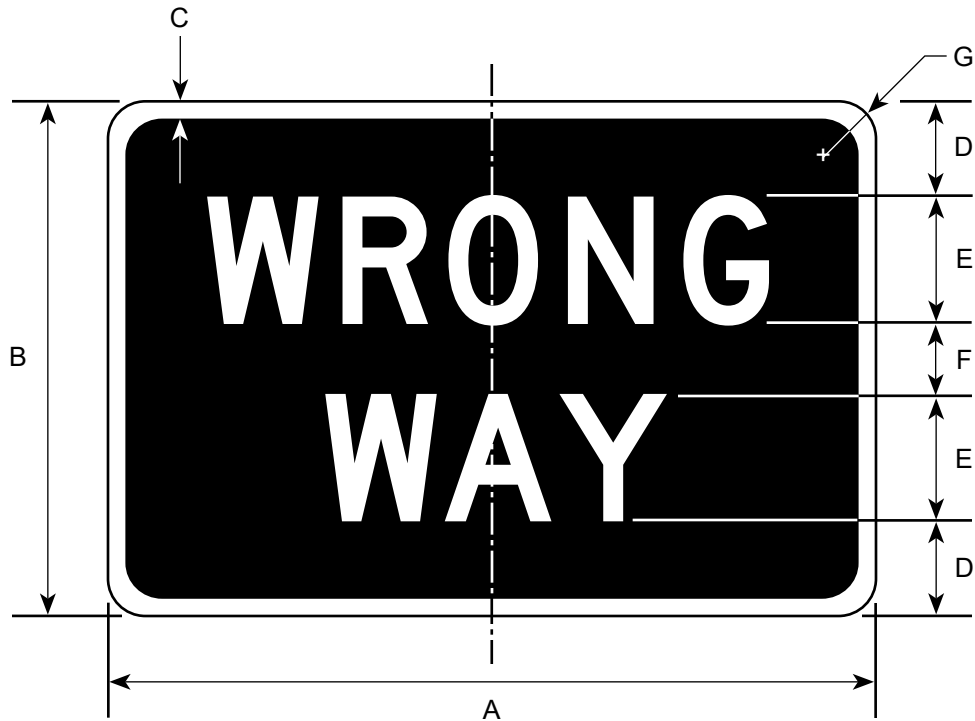
## COLORS

SYMBOL - RED (REFL)

LEGEND & BACKGROUND - WHITE (REFL)

# R5-1A

11/97



| DIMENSIONS (MILLIMETERS) |     |    |     |      |     |    |
|--------------------------|-----|----|-----|------|-----|----|
| A                        | B   | C  | D   | E    | F   | G  |
| 750                      | 450 | 16 | 75  | 125D | 50  | 38 |
| 900                      | 600 | 19 | 113 | 150D | 75  | 38 |
| 1050                     | 750 | 22 | 125 | 200D | 100 | 47 |

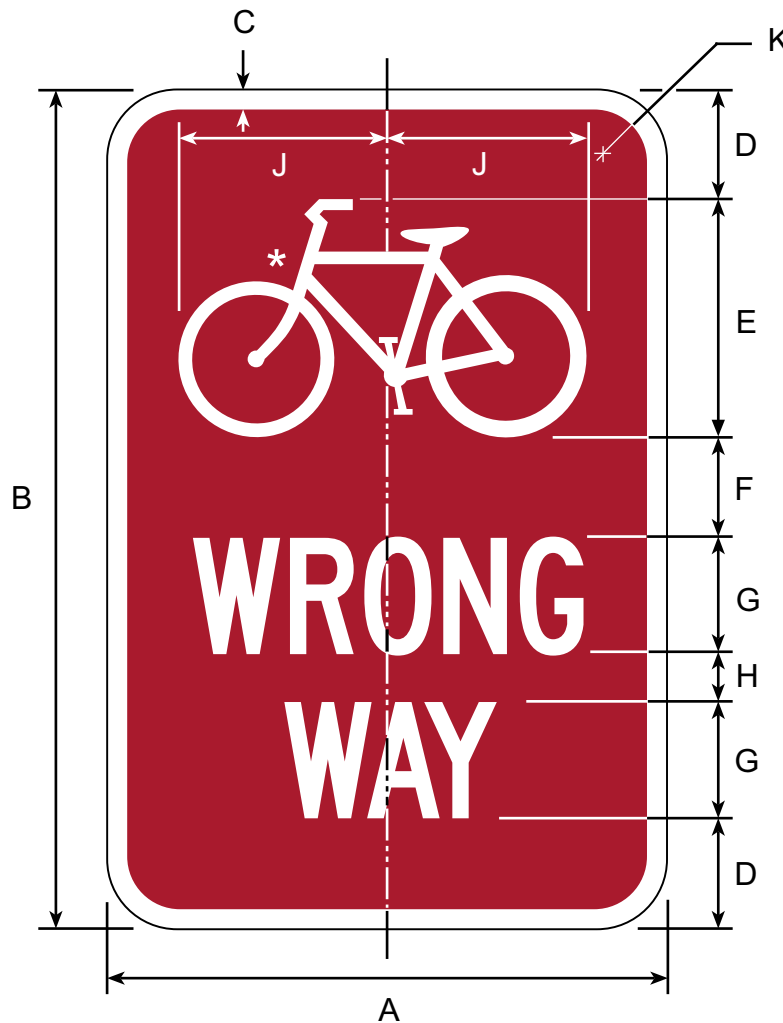
| DIMENSIONS (INCHES) |    |     |       |    |   |       |
|---------------------|----|-----|-------|----|---|-------|
| A                   | B  | C   | D     | E  | F | G     |
| 30                  | 18 | 5/8 | 3     | 5D | 2 | 1 1/2 |
| 36                  | 24 | 3/4 | 4 1/2 | 6D | 3 | 1 1/2 |
| 42                  | 30 | 7/8 | 5     | 8D | 4 | 1 7/8 |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - RED (REFL)

# R5-1B

3/06



\* SEE APPENDIX FOR STANDARD SYMBOL DETAILS

| DIMENSIONS (MILLIMETERS) |     |   |    |     |    |     |    |     |    |
|--------------------------|-----|---|----|-----|----|-----|----|-----|----|
| A                        | B   | C | D  | E   | F  | G   | H  | J   | K  |
| 300                      | 450 | 9 | 63 | 125 | 50 | 63C | 25 | 108 | 38 |

| DIMENSIONS (INCHES) |    |     |       |   |   |        |   |        |       |
|---------------------|----|-----|-------|---|---|--------|---|--------|-------|
| A                   | B  | C   | D     | E | F | G      | H | J      | K     |
| 12                  | 18 | 3/8 | 2 1/2 | 5 | 2 | 2 1/2C | 1 | 4 5/16 | 1 1/2 |

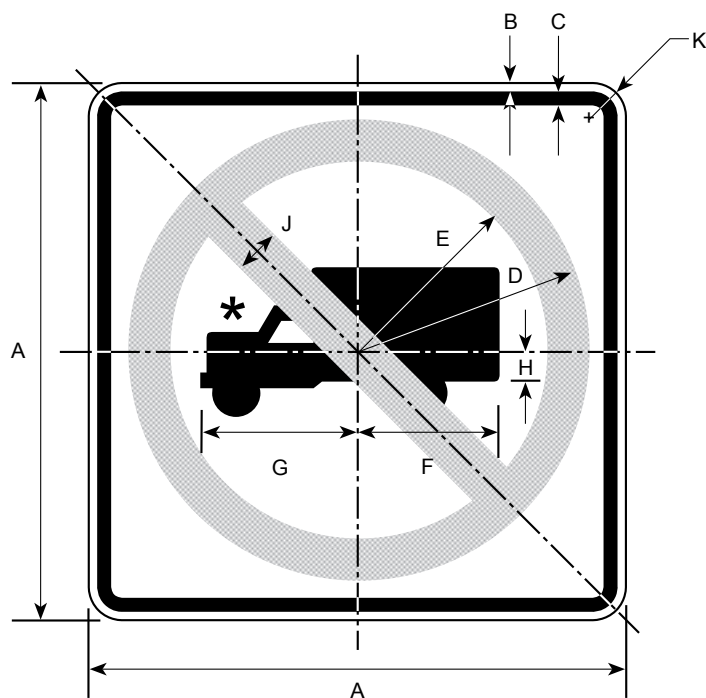
## COLORS

LEGEND & SYMBOL - WHITE (REFL)  
BACKGROUND - RED (REFL)



# R5-2

11/97



\* See appendix for standard symbol details

| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |     |    |     |    |
|--------------------------|----|----|-----|-----|-----|-----|----|-----|----|
| A                        | B  | C  | D   | E   | F   | G   | H  | J   | K  |
| 600                      | 9  | 16 | 263 | 213 | 163 | 172 | 34 | 25  | 38 |
| 750                      | 13 | 19 | 328 | 266 | 203 | 213 | 41 | 63  | 47 |
| 900                      | 16 | 22 | 394 | 319 | 244 | 256 | 50 | 75  | 56 |
| 1200                     | 19 | 31 | 525 | 425 | 325 | 341 | 66 | 100 | 75 |

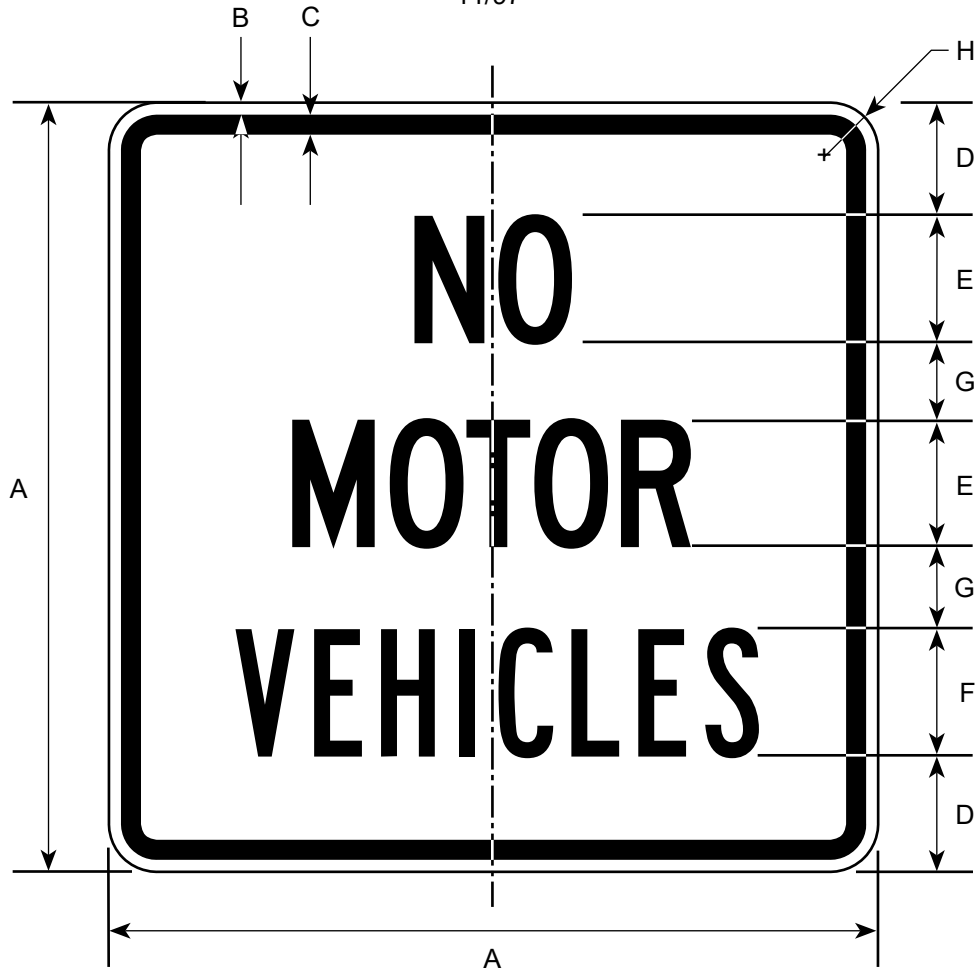
| DIMENSIONS (INCHES) |     |       |        |        |       |        |       |       |       |
|---------------------|-----|-------|--------|--------|-------|--------|-------|-------|-------|
| A                   | B   | C     | D      | E      | F     | G      | H     | J     | K     |
| 24                  | 3/8 | 5/8   | 10 1/2 | 8 1/2  | 6 1/2 | 6 7/8  | 1 3/8 | 1     | 1 1/2 |
| 30                  | 1/2 | 3/4   | 13 1/8 | 10 5/8 | 8 1/8 | 8 1/2  | 1 5/8 | 2 1/2 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 15 3/4 | 12 3/4 | 9 3/4 | 10 1/4 | 2     | 3     | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 21     | 17     | 13    | 13 5/8 | 2 5/8 | 4     | 3     |

## COLORS

CIRCLE & DIAGONAL — RED (REFL)  
 SYMBOL & BORDER — BLACK (NON-REFL)  
 BACKGROUND — WHITE (REFL)

# R5-3

11/97



| DIMENSIONS (MILLIMETERS) |   |    |    |      |      |    |    |
|--------------------------|---|----|----|------|------|----|----|
| A                        | B | C  | D  | E    | F    | G  | H  |
| 600                      | 9 | 16 | 88 | 100C | 100B | 63 | 38 |

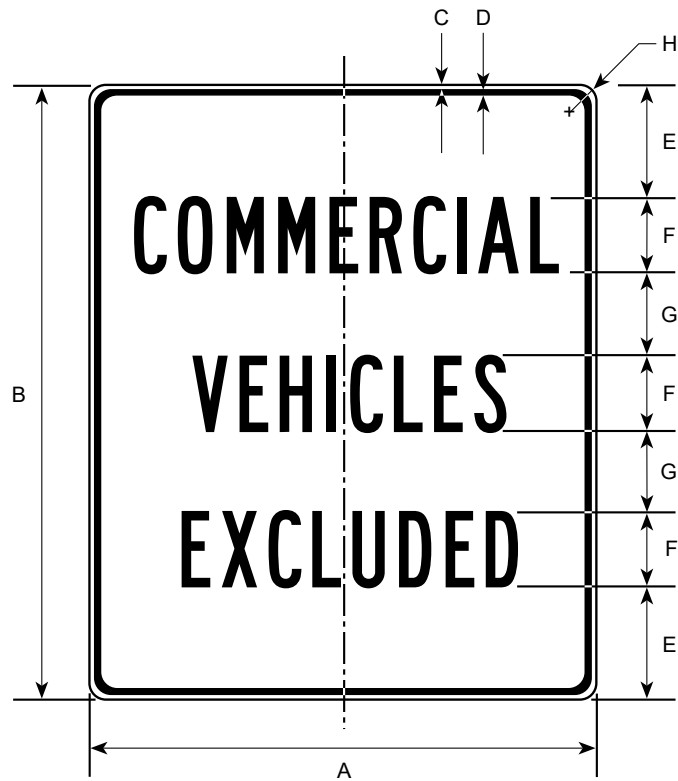
| DIMENSIONS (INCHES) |     |     |       |    |    |       |       |
|---------------------|-----|-----|-------|----|----|-------|-------|
| A                   | B   | C   | D     | E  | F  | G     | H     |
| 24                  | 3/8 | 5/8 | 3 1/2 | 4C | 4B | 2 1/2 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R5-4

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |    |
|--------------------------|------|----|----|-----|------|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H  |
| 450                      | 600  | 9  | 16 | 106 | 75B  | 81  | 38 |
| 600                      | 750  | 9  | 16 | 125 | 100B | 100 | 38 |
| 900                      | 1200 | 16 | 22 | 213 | 150B | 163 | 56 |
| 1200                     | 1500 | 19 | 31 | 250 | 200B | 200 | 75 |

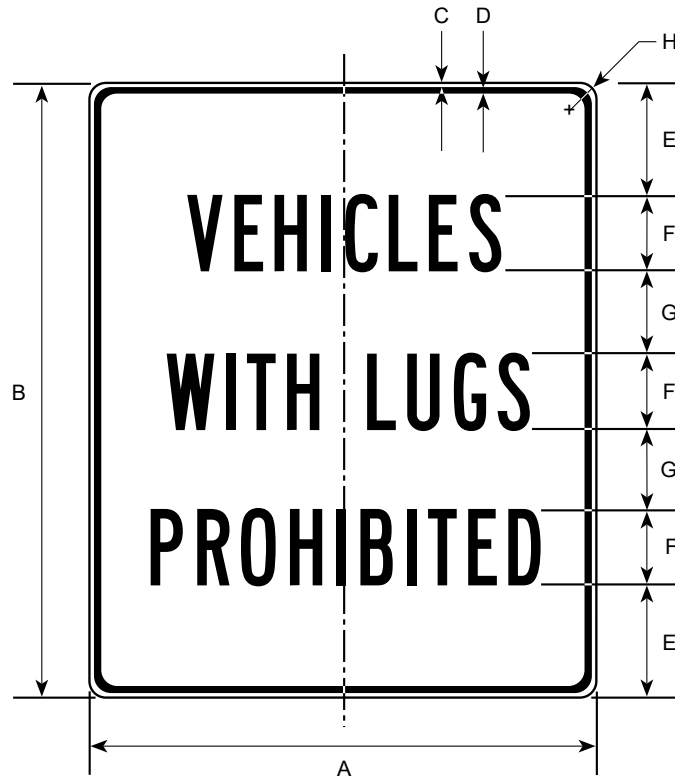
| DIMENSIONS (INCHES) |    |     |       |       |    |       |       |
|---------------------|----|-----|-------|-------|----|-------|-------|
| A                   | B  | C   | D     | E     | F  | G     | H     |
| 18                  | 24 | 3/8 | 5/8   | 4 1/4 | 3B | 3 1/4 | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8   | 5     | 4B | 4     | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8   | 8 1/2 | 6B | 6 1/2 | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 10    | 8B | 8     | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R5-5

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |    |
|--------------------------|------|----|----|-----|------|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H  |
| 450                      | 600  | 9  | 16 | 106 | 75B  | 81  | 38 |
| 600                      | 750  | 9  | 16 | 125 | 100B | 100 | 38 |
| 900                      | 1200 | 16 | 22 | 213 | 150B | 163 | 56 |
| 1200                     | 1500 | 19 | 31 | 250 | 200B | 200 | 75 |

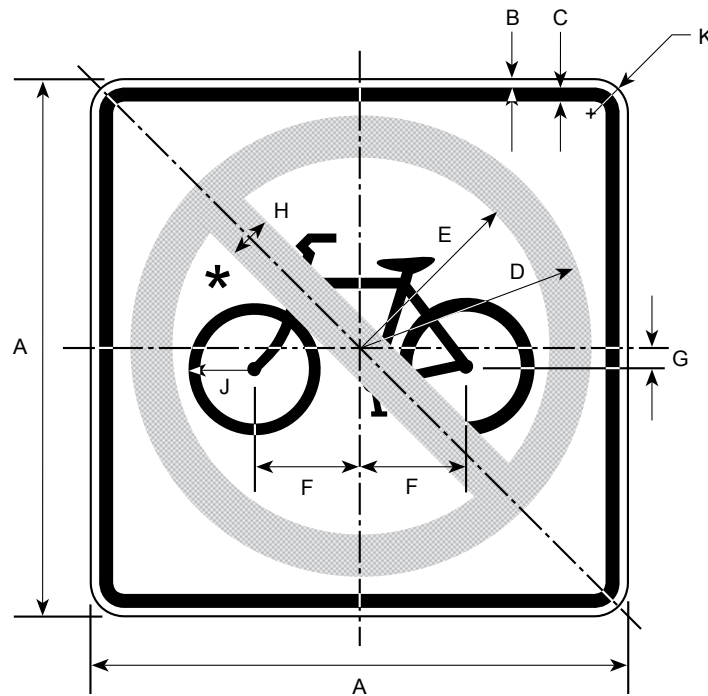
| DIMENSIONS (INCHES) |    |     |       |       |    |       |       |
|---------------------|----|-----|-------|-------|----|-------|-------|
| A                   | B  | C   | D     | E     | F  | G     | H     |
| 18                  | 24 | 3/8 | 5/8   | 4 1/4 | 3B | 3 1/4 | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8   | 5     | 4B | 4     | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8   | 8 1/2 | 6B | 6 1/2 | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 10    | 8B | 8     | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R5-6

11/97



\* See appendix for standard symbol details

| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |    |     |     |    |
|--------------------------|----|----|-----|-----|-----|----|-----|-----|----|
| A                        | B  | C  | D   | E   | F   | G  | H   | J   | K  |
| 600                      | 9  | 16 | 263 | 213 | 119 | 19 | 50  | 75  | 38 |
| 750                      | 13 | 19 | 328 | 266 | 147 | 22 | 63  | 94  | 47 |
| 900                      | 16 | 22 | 394 | 319 | 178 | 28 | 75  | 113 | 56 |
| 1200                     | 19 | 31 | 525 | 425 | 238 | 38 | 100 | 150 | 75 |

| DIMENSIONS (INCHES) |     |       |        |        |       |       |       |       |       |
|---------------------|-----|-------|--------|--------|-------|-------|-------|-------|-------|
| A                   | B   | C     | D      | E      | F     | G     | H     | J     | K     |
| 24                  | 3/8 | 5/8   | 10 1/2 | 8 1/2  | 4 3/4 | 3/4   | 2     | 3     | 1 1/2 |
| 30                  | 1/2 | 3/4   | 13 1/8 | 10 5/8 | 5 7/8 | 7/8   | 2 1/2 | 3 3/4 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 15 3/4 | 12 3/4 | 7 1/8 | 1 1/8 | 3     | 4 1/2 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 21     | 17     | 9 1/2 | 1 1/2 | 4     | 6     | 3     |

## COLORS

CIRCLE & DIAGONAL — RED (REFL)  
 SYMBOL & BORDER — BLACK (NON-REFL)  
 BACKGROUND — WHITE (REFL)

# R5-601

11/97



- \* See appendix for standard symbol details
  - \*\* Centerline of alternative message or arrow
- NOTE: Use 3"C letters or 12"x 6" arrow for alternatives

| DIMENSIONS (MILLIMETERS) |   |    |    |     |     |    |    |    |
|--------------------------|---|----|----|-----|-----|----|----|----|
| A                        | B | C  | D  | E   | F   | G  | H  | J  |
| 600                      | 9 | 16 | 66 | 200 | 75C | 34 | 88 | 38 |

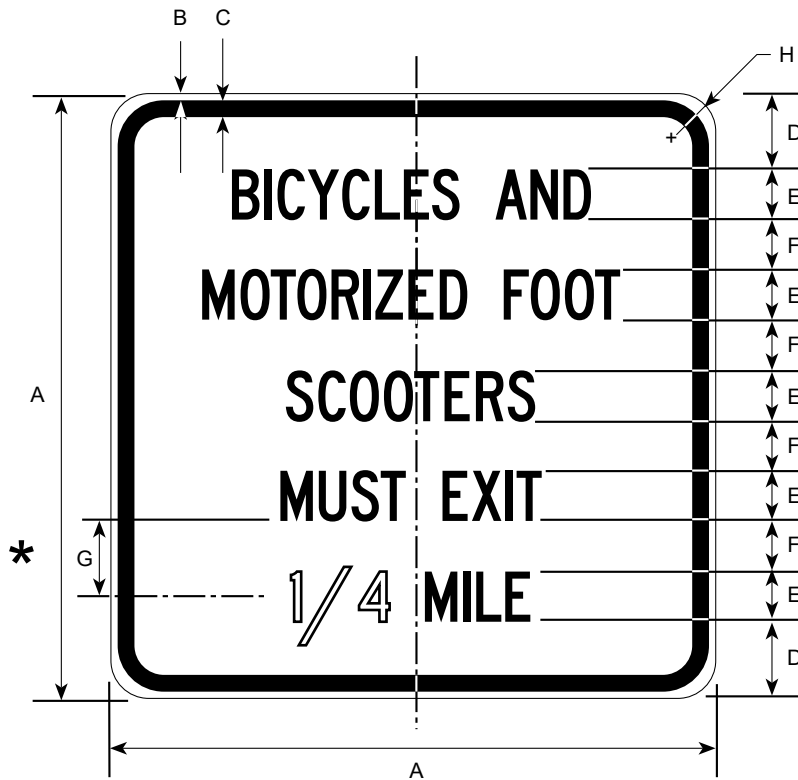
| DIMENSIONS (INCHES) |     |     |       |   |    |       |       |       |
|---------------------|-----|-----|-------|---|----|-------|-------|-------|
| A                   | B   | C   | D     | E | F  | G     | H     | J     |
| 24                  | 3/8 | 5/8 | 2 5/8 | 8 | 3C | 1 3/8 | 3 1/2 | 1 1/2 |

## COLORS

SYMBOL & LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R5-602

11/03



\* Centerline of alternative message or arrow  
NOTE: Use 2"C letters or 12"x 6" arrow for alternatives

| DIMENSIONS (MILLIMETERS) |   |    |    |     |    |    |    |
|--------------------------|---|----|----|-----|----|----|----|
| A                        | B | C  | D  | E   | F  | G  | H  |
| 600                      | 9 | 16 | 75 | 50C | 50 | 75 | 38 |

| DIMENSIONS (INCHES) |     |     |   |    |   |   |       |
|---------------------|-----|-----|---|----|---|---|-------|
| A                   | B   | C   | D | E  | F | G | H     |
| 24                  | 3/8 | 5/8 | 3 | 2C | 2 | 3 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R5-10A

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |    |    |
|--------------------------|-----|----|----|-----|------|----|----|
| A                        | B   | C  | D  | E   | F    | G  | H  |
| 750                      | 900 | 13 | 19 | 100 | 100B | 50 | 47 |

| DIMENSIONS (INCHES) |    |     |     |   |    |   |       |
|---------------------|----|-----|-----|---|----|---|-------|
| A                   | B  | C   | D   | E | F  | G | H     |
| 30                  | 36 | 1/2 | 3/4 | 4 | 4B | 2 | 1 7/8 |

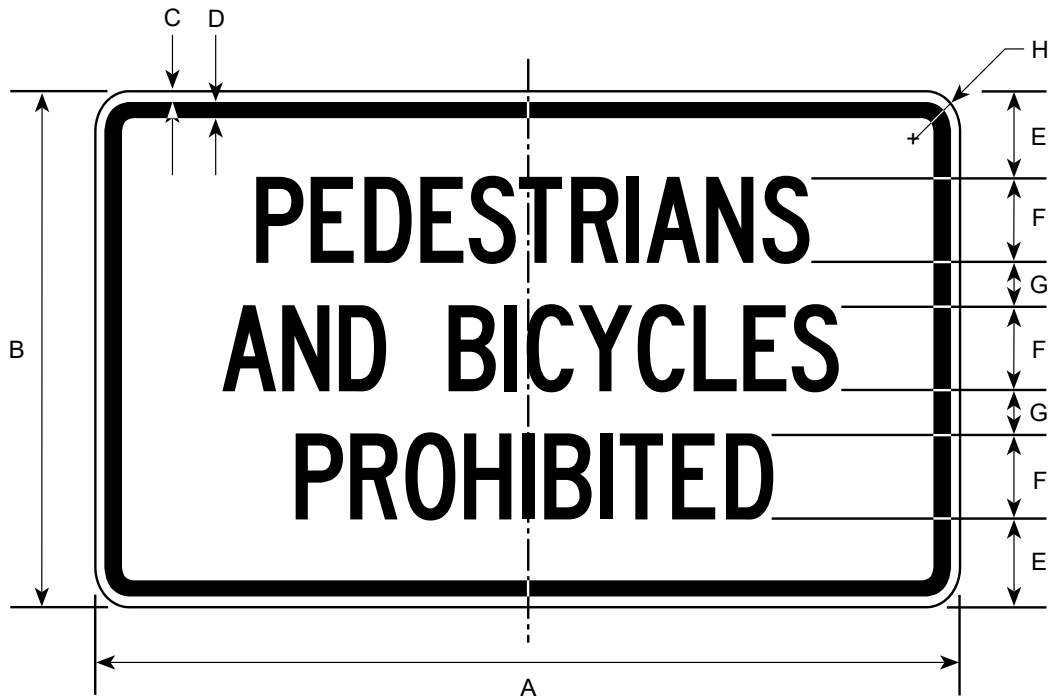
## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)



# R5-10B

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |    |     |    |    |
|--------------------------|-----|---|----|----|-----|----|----|
| A                        | B   | C | D  | E  | F   | G  | H  |
| 750                      | 450 | 9 | 16 | 75 | 75C | 38 | 38 |

| DIMENSIONS (INCHES) |    |     |     |   |    |       |       |
|---------------------|----|-----|-----|---|----|-------|-------|
| A                   | B  | C   | D   | E | F  | G     | H     |
| 30                  | 18 | 3/8 | 5/8 | 3 | 3C | 1 1/2 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R5-10C

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |    |     |    |    |
|--------------------------|-----|---|----|----|-----|----|----|
| A                        | B   | C | D  | E  | F   | G  | H  |
| 600                      | 300 | 9 | 16 | 56 | 75C | 38 | 38 |

| DIMENSIONS (INCHES) |    |     |     |       |    |       |       |
|---------------------|----|-----|-----|-------|----|-------|-------|
| A                   | B  | C   | D   | E     | F  | G     | H     |
| 24                  | 12 | 3/8 | 5/8 | 2 1/4 | 3C | 1 1/2 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R5-1001

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |    |     |    |    |
|--------------------------|-----|---|----|----|-----|----|----|
| A                        | B   | C | D  | E  | F   | G  | H  |
| 450                      | 300 | 9 | 16 | 50 | 50C | 25 | 38 |

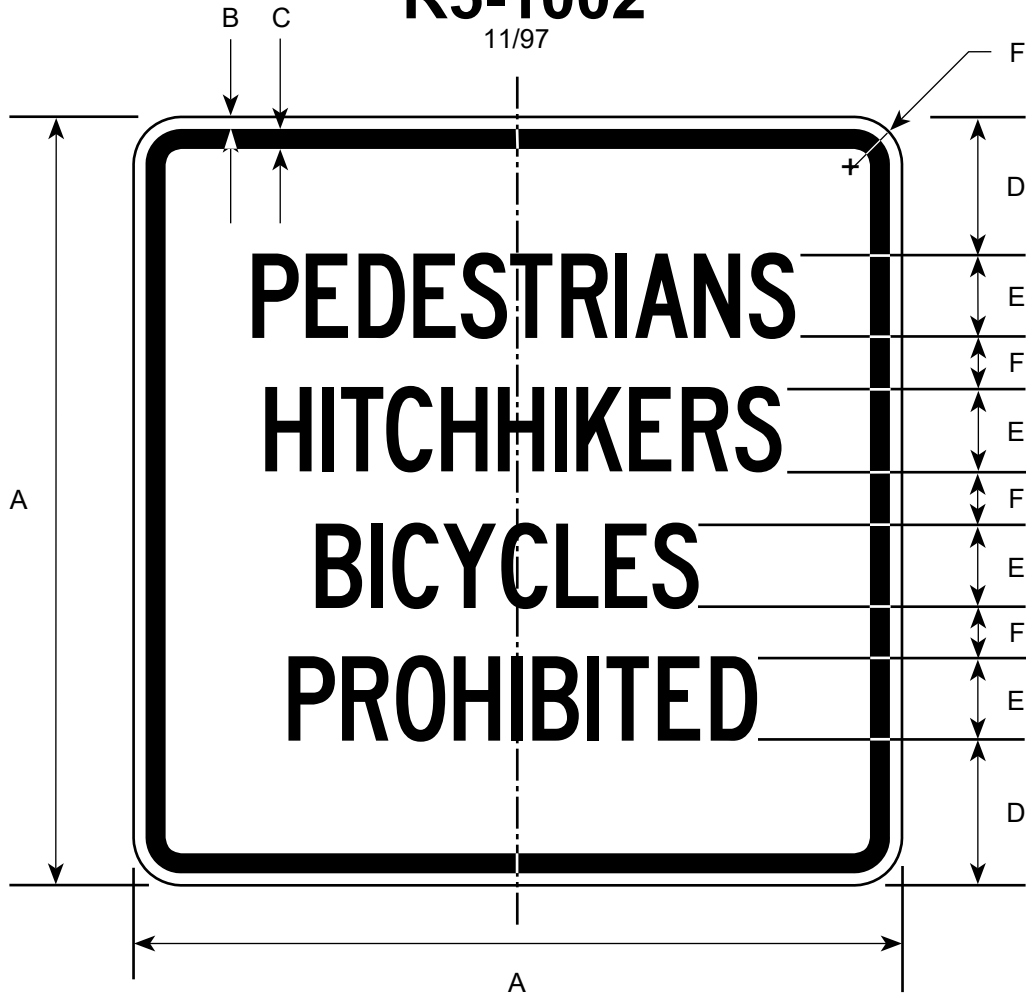
| DIMENSIONS (INCHES) |    |     |     |   |    |   |       |
|---------------------|----|-----|-----|---|----|---|-------|
| A                   | B  | C   | D   | E | F  | G | H     |
| 18                  | 12 | 3/8 | 5/8 | 2 | 2C | 1 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R5-1002

11/97



| DIMENSIONS (MILLIMETERS) |   |    |    |     |    |
|--------------------------|---|----|----|-----|----|
| A                        | B | C  | D  | E   | F  |
| 450                      | 9 | 16 | 69 | 50C | 38 |

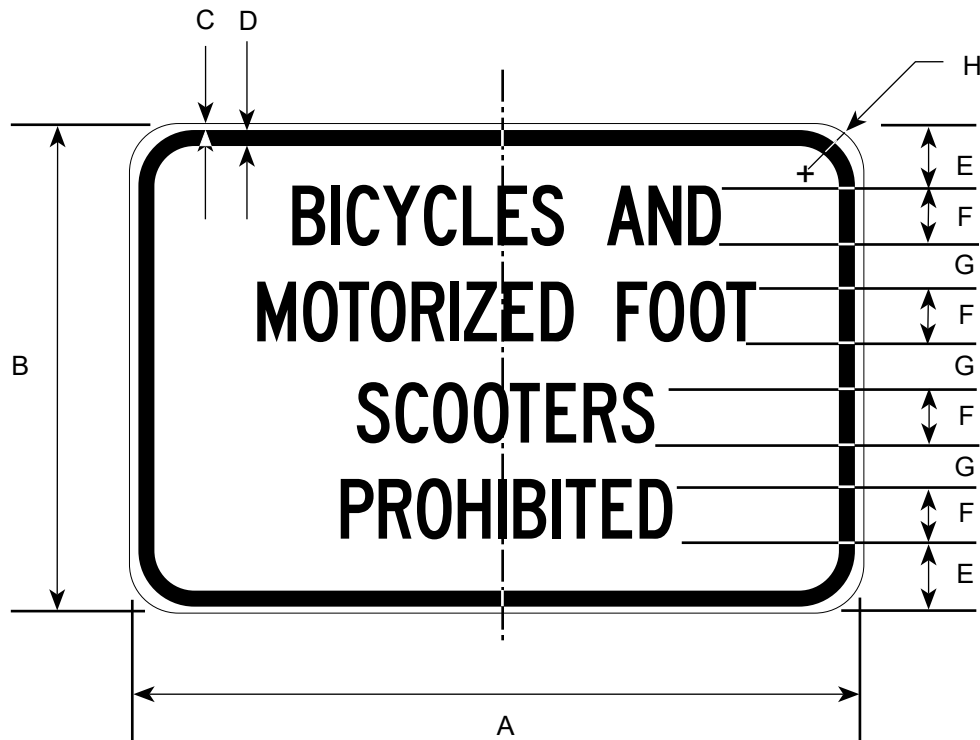
| DIMENSIONS (INCHES) |     |     |       |    |       |
|---------------------|-----|-----|-------|----|-------|
| A                   | B   | C   | D     | E  | F     |
| 18                  | 3/8 | 5/8 | 2 3/4 | 2C | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R5-1003

10/03



| DIMENSIONS (MILLIMETERS) |     |    |    |    |     |    |    |
|--------------------------|-----|----|----|----|-----|----|----|
| A                        | B   | C  | D  | E  | F   | G  | H  |
| 900                      | 600 | 13 | 19 | 75 | 75C | 50 | 38 |

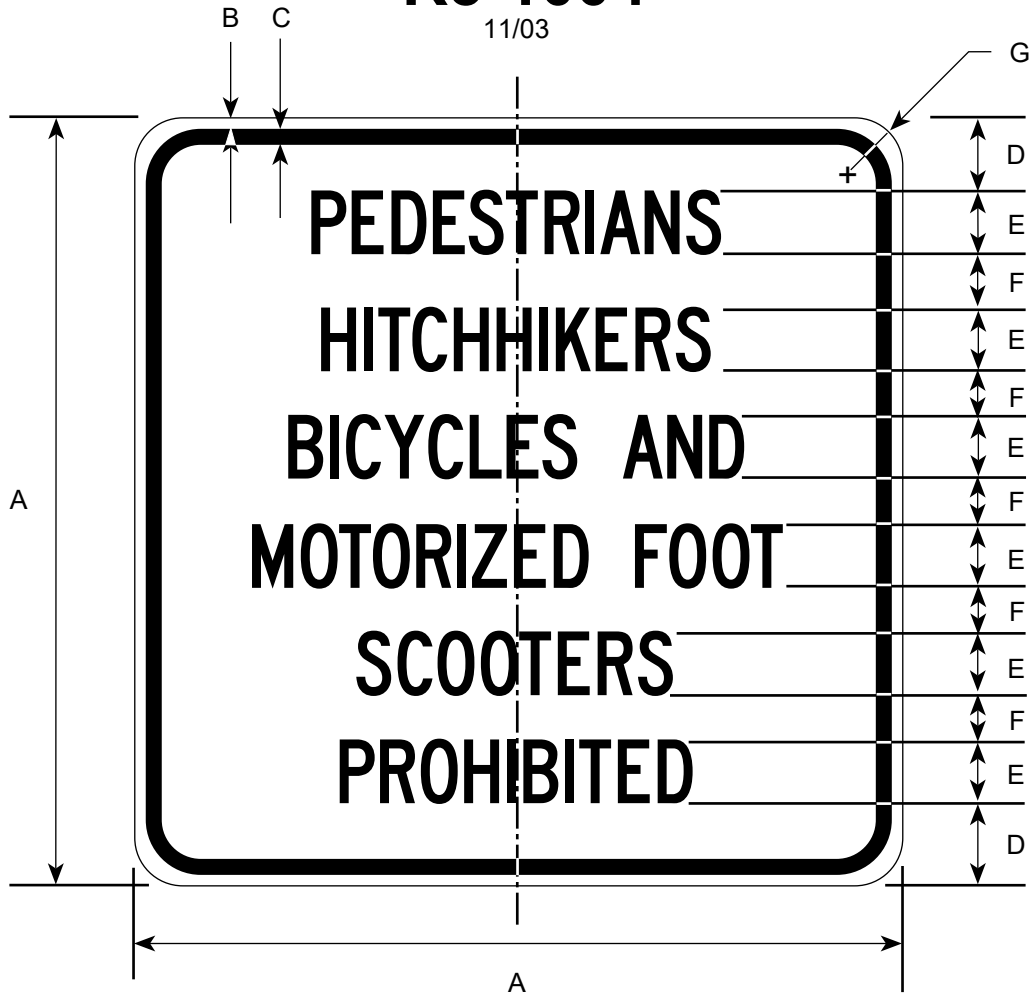
| DIMENSIONS (INCHES) |    |     |     |   |    |   |       |
|---------------------|----|-----|-----|---|----|---|-------|
| A                   | B  | C   | D   | E | F  | G | H     |
| 36                  | 24 | 1/2 | 3/4 | 3 | 3C | 2 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R5-1004

11/03



| DIMENSIONS (MILLIMETERS) |   |    |    |     |    |    |
|--------------------------|---|----|----|-----|----|----|
| A                        | B | C  | D  | E   | F  | G  |
| 600                      | 9 | 16 | 64 | 50C | 34 | 38 |

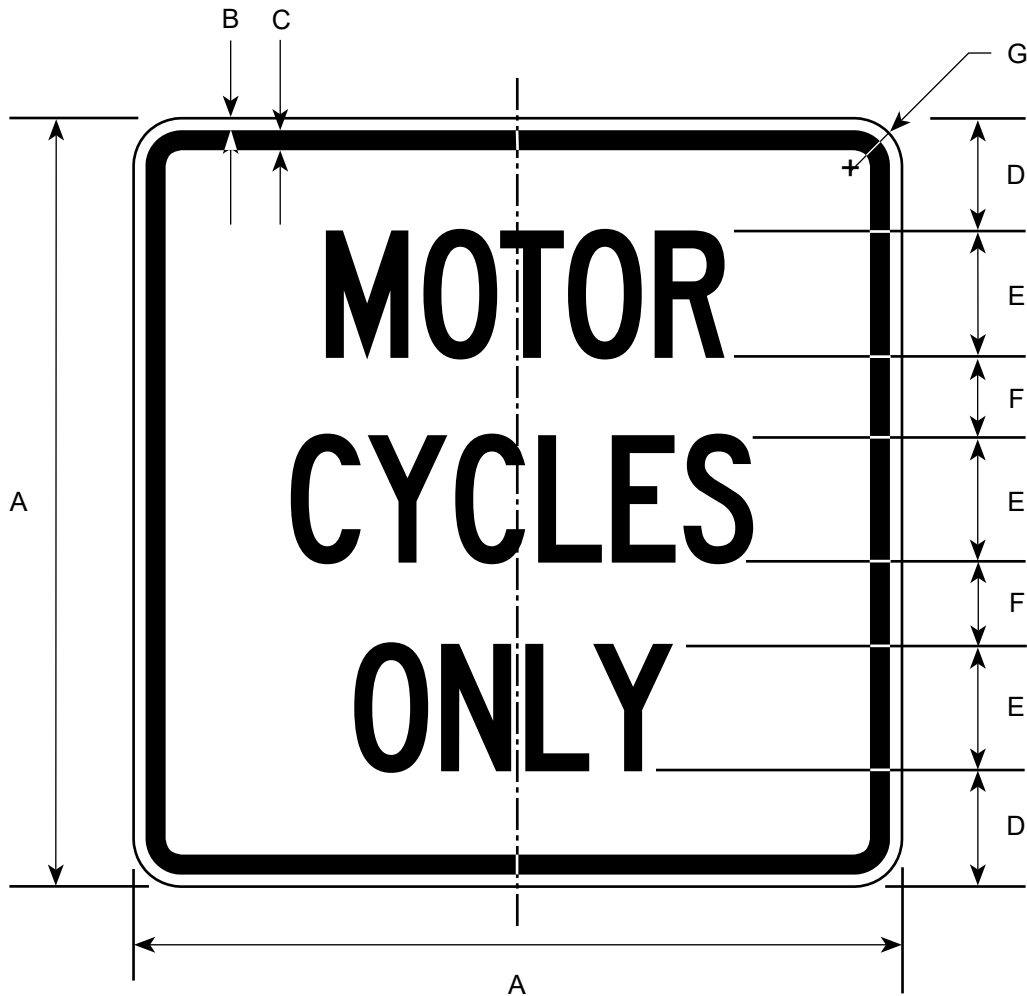
| DIMENSIONS (INCHES) |     |     |        |    |       |       |
|---------------------|-----|-----|--------|----|-------|-------|
| A                   | B   | C   | D      | E  | F     | G     |
| 24                  | 3/8 | 5/8 | 2 9/16 | 2C | 1 3/8 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R5-1201

11/97



| DIMENSIONS (MILLIMETERS) |   |    |    |     |    |    |
|--------------------------|---|----|----|-----|----|----|
| A                        | B | C  | D  | E   | F  | G  |
| 450                      | 9 | 16 | 66 | 75C | 47 | 38 |

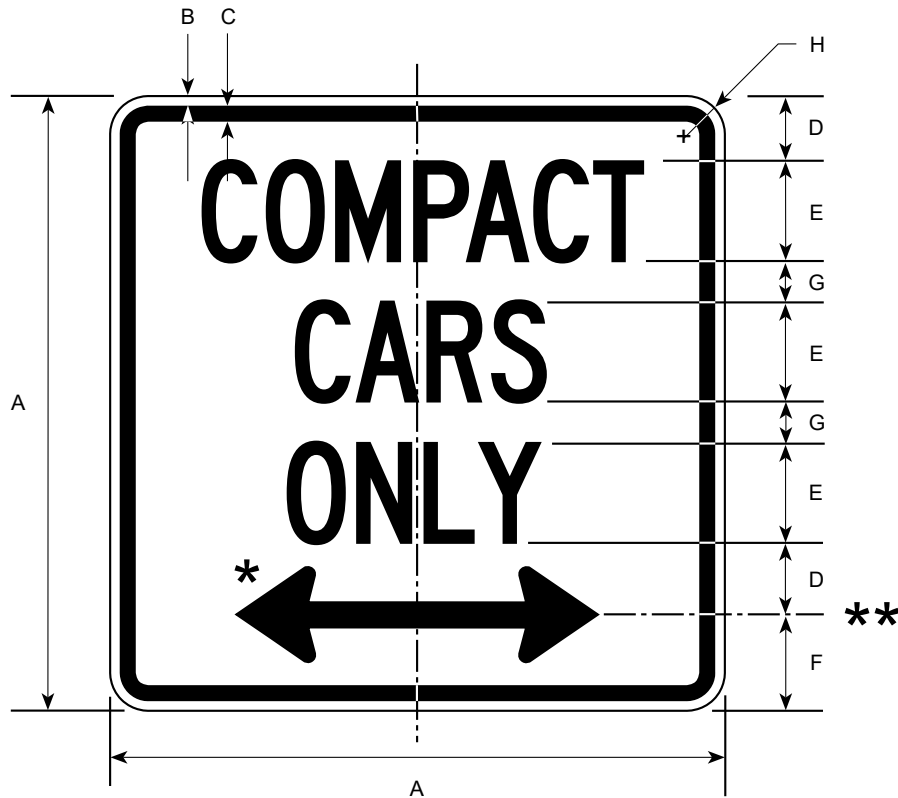
| DIMENSIONS (INCHES) |     |     |       |    |       |       |
|---------------------|-----|-----|-------|----|-------|-------|
| A                   | B   | C   | D     | E  | F     | G     |
| 18                  | 3/8 | 5/8 | 2 5/8 | 3C | 1 7/8 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R5-1301

11/97



- \* See appendix for standard arrow details
- \*\* Centerline of 2" wide arrow
- NOTE: Designate Left, Right, or Both

| DIMENSIONS (MILLIMETERS) |   |    |    |     |    |    |    |
|--------------------------|---|----|----|-----|----|----|----|
| A                        | B | C  | D  | E   | F  | G  | H  |
| 450                      | 9 | 16 | 50 | 75C | 75 | 25 | 38 |

| DIMENSIONS (INCHES) |     |     |   |    |   |   |       |
|---------------------|-----|-----|---|----|---|---|-------|
| A                   | B   | C   | D | E  | F | G | H     |
| 18                  | 3/8 | 5/8 | 2 | 3C | 3 | 1 | 1 1/2 |

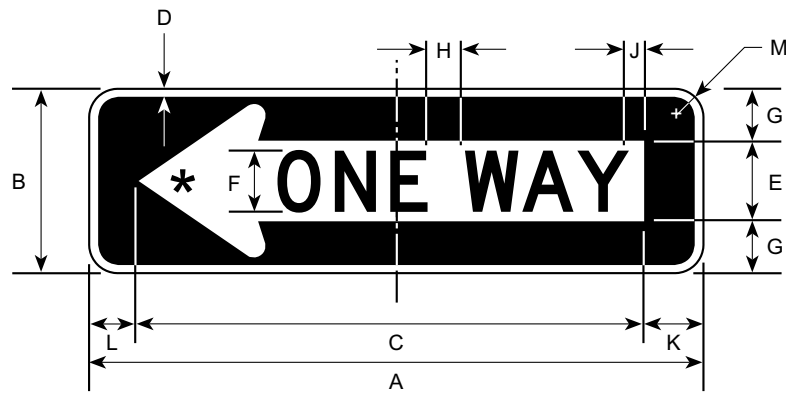
## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

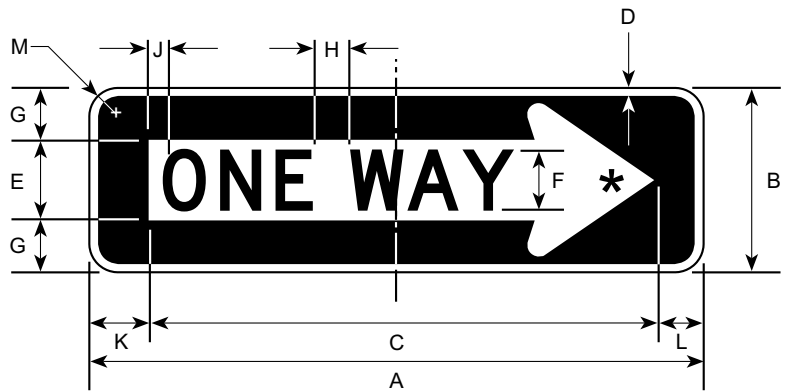


# R6-1 L / R

5/06



**R6-1L**



**R6-1R**

\* See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |     |      |    |     |      |     |    |     |     |     |    |
|--------------------------|-----|------|----|-----|------|-----|----|-----|-----|-----|----|
| A                        | B   | C    | D  | E   | F    | G   | H  | J   | K   | L   | M  |
| 900                      | 300 | 775  | 13 | 131 | 100D | 84  | 50 | 31  | 75  | 50  | 38 |
| 1350                     | 450 | 1125 | 25 | 175 | 125D | 138 | 75 | 100 | 125 | 100 | 47 |

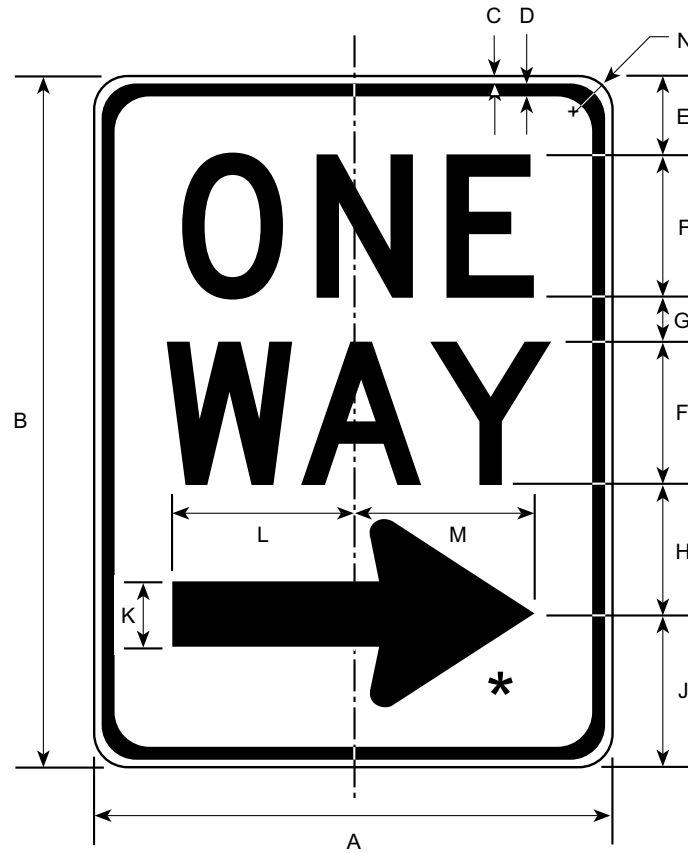
| DIMENSIONS (INCHES) |    |    |     |       |    |       |   |       |   |   |       |
|---------------------|----|----|-----|-------|----|-------|---|-------|---|---|-------|
| A                   | B  | C  | D   | E     | F  | G     | H | J     | K | L | M     |
| 36                  | 12 | 31 | 1/2 | 5 1/4 | 4D | 3 3/8 | 2 | 1 1/4 | 3 | 2 | 1 1/2 |
| 54                  | 18 | 45 | 1   | 3     | 5D | 5 1/2 | 3 | 4     | 5 | 4 | 1 7/8 |

## COLORS

LEGEND — BLACK (NON-REFL)  
 ARROW & BORDER — WHITE (REFL)  
 BACKGROUND — BLACK (NON-REFL)

# R6-2 L / R

11/97



\* See appendix for standard arrow details  
NOTE: Right shown only

| DIMENSIONS (MILLIMETERS) |     |   |    |    |      |    |     |     |    |     |     |    |
|--------------------------|-----|---|----|----|------|----|-----|-----|----|-----|-----|----|
| A                        | B   | C | D  | E  | F    | G  | H   | J   | K  | L   | M   | N  |
| 450                      | 600 | 9 | 16 | 63 | 125D | 38 | 113 | 138 | 56 | 150 | 147 | 38 |
| 600                      | 750 | 9 | 16 | 75 | 150D | 47 | 152 | 177 | 75 | 200 | 194 | 38 |

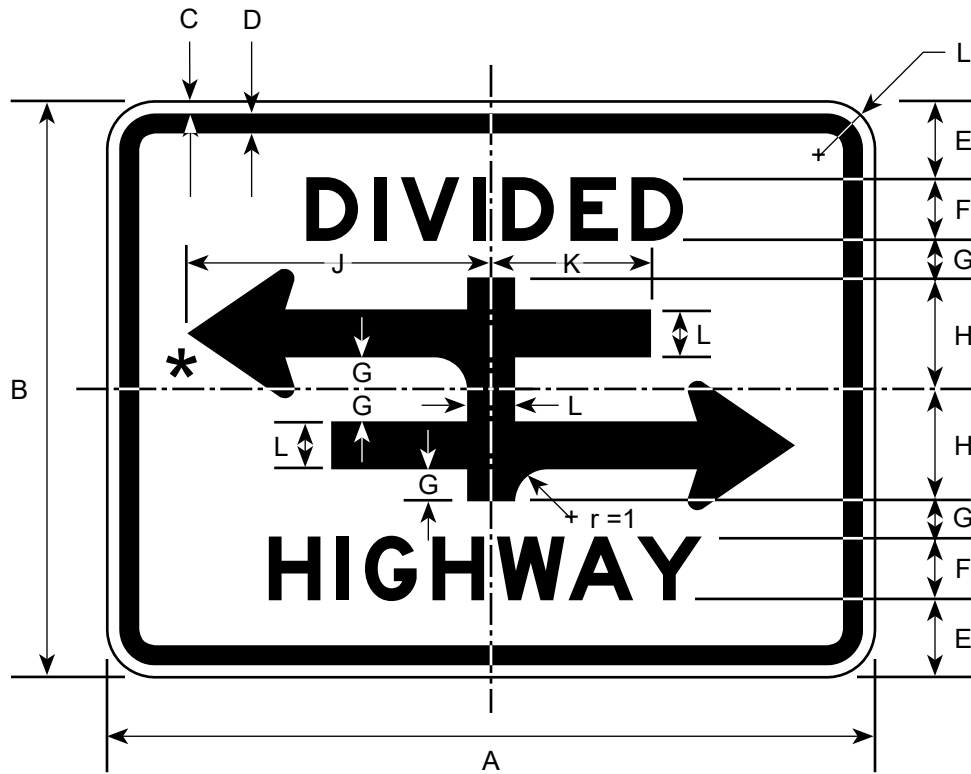
| DIMENSIONS (INCHES) |    |     |     |       |    |       |        |        |       |   |       |       |
|---------------------|----|-----|-----|-------|----|-------|--------|--------|-------|---|-------|-------|
| A                   | B  | C   | D   | E     | F  | G     | H      | J      | K     | L | M     | N     |
| 18                  | 24 | 3/8 | 5/8 | 2 1/2 | 5D | 1 1/2 | 4 1/2  | 5 1/2  | 2 1/4 | 6 | 5 7/8 | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8 | 3     | 6D | 1 7/8 | 6 1/16 | 7 1/16 | 3     | 8 | 7 3/4 | 1 1/2 |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — WHITE (REFL)

# R6-3

11/97



\* See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |     |   |    |    |     |    |    |     |     |    |
|--------------------------|-----|---|----|----|-----|----|----|-----|-----|----|
| A                        | B   | C | D  | E  | F   | G  | H  | J   | K   | L  |
| 600                      | 450 | 9 | 16 | 63 | 50E | 25 | 88 | 238 | 125 | 38 |

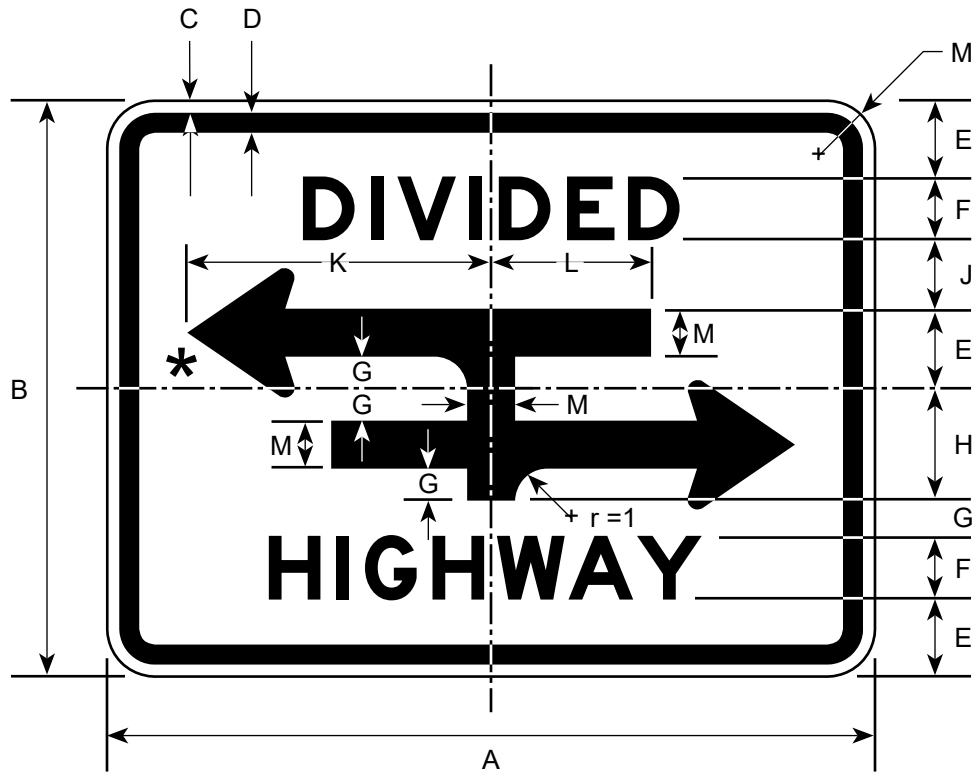
| DIMENSIONS (INCHES) |    |     |     |       |    |   |       |       |   |       |
|---------------------|----|-----|-----|-------|----|---|-------|-------|---|-------|
| A                   | B  | C   | D   | E     | F  | G | H     | J     | K | L     |
| 24                  | 18 | 3/8 | 5/8 | 2 1/2 | 2E | 1 | 3 1/2 | 9 1/2 | 5 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R6-3A

11/97



\* See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |     |   |    |    |     |    |    |    |     |     |    |
|--------------------------|-----|---|----|----|-----|----|----|----|-----|-----|----|
| A                        | B   | C | D  | E  | F   | G  | H  | J  | K   | L   | M  |
| 600                      | 450 | 9 | 16 | 63 | 50E | 25 | 88 | 50 | 238 | 125 | 38 |

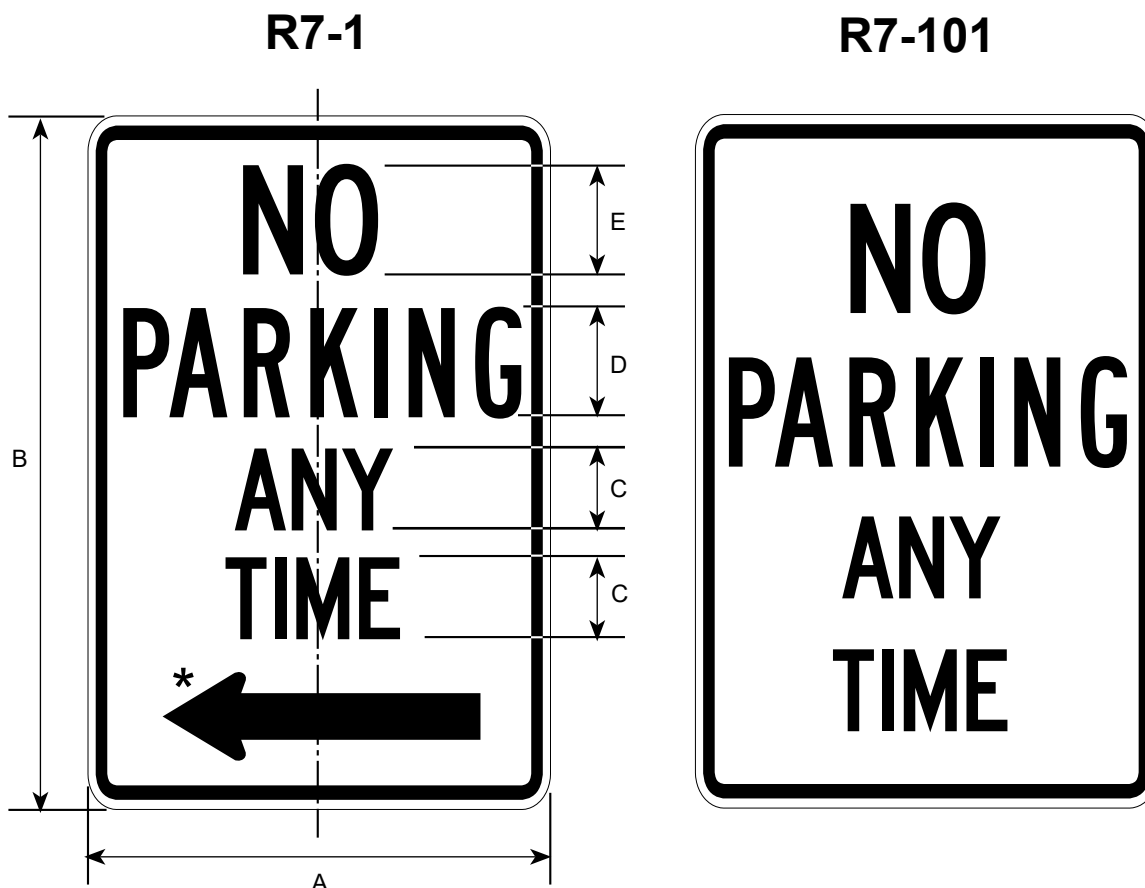
| DIMENSIONS (INCHES) |    |     |     |       |    |   |       |   |       |   |       |
|---------------------|----|-----|-----|-------|----|---|-------|---|-------|---|-------|
| A                   | B  | C   | D   | E     | F  | G | H     | J | K     | L | M     |
| 24                  | 18 | 3/8 | 5/8 | 2 1/2 | 2E | 1 | 3 1/2 | 2 | 9 1/2 | 5 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R7-1 & R7-101

11/97



\* SEE APPENDIX FOR STANDARD ARROW DETAILS  
DESIGNATE LEFT, RIGHT, OR BOTH

| DIMENSIONS (MILLIMETERS) |     |     |     |     |
|--------------------------|-----|-----|-----|-----|
| A                        | B   | C   | D   | E   |
| 300                      | 450 | 50C | 75B | 75C |

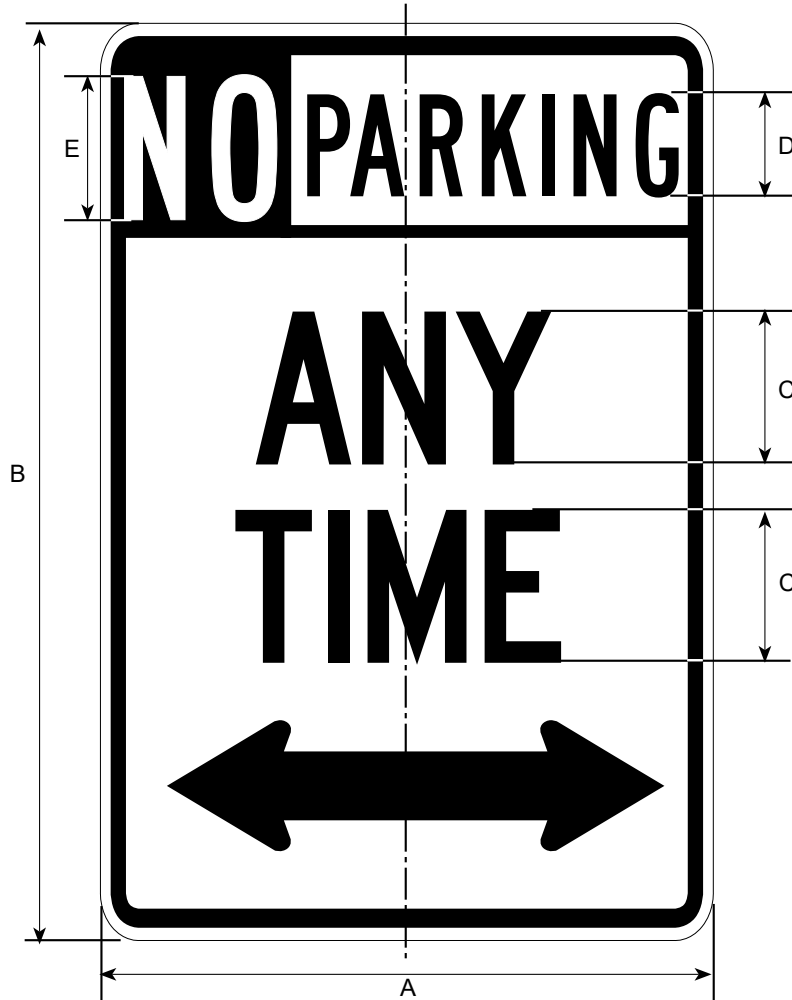
| DIMENSIONS (INCHES) |    |    |    |    |
|---------------------|----|----|----|----|
| A                   | B  | C  | D  | E  |
| 12                  | 18 | 2C | 3B | 3C |

COLORS

LEGEND - RED  
BACKGROUND - WHITE (REFL)

# R7-102

11/97



DESIGNATE LEFT, RIGHT, OR BOTH

| DIMENSIONS (MILLIMETERS) |     |     |     |     |
|--------------------------|-----|-----|-----|-----|
| A                        | B   | C   | D   | E   |
| 300                      | 450 | 75C | 50B | 75B |

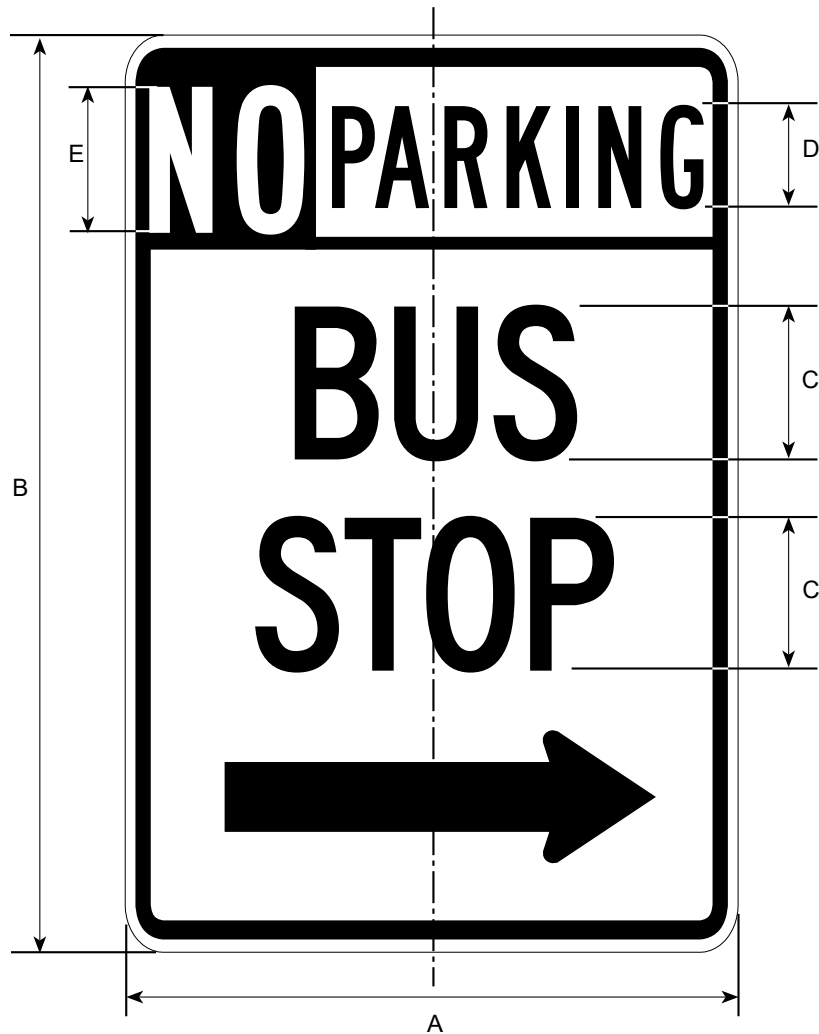
| DIMENSIONS (INCHES) |    |    |    |    |
|---------------------|----|----|----|----|
| A                   | B  | C  | D  | E  |
| 12                  | 18 | 3C | 2B | 3B |

TOP LEFT  
 COLORS: LEGEND - WHITE  
 BACKGROUND - RED

TOP RIGHT & BOTTOM  
 LEGEND - RED  
 BACKGROUND - WHITE

# R7-107

11/97



| DIMENSIONS (MILLIMETERS) |     |     |     |     |
|--------------------------|-----|-----|-----|-----|
| A                        | B   | C   | D   | E   |
| 300                      | 450 | 75C | 50B | 75C |

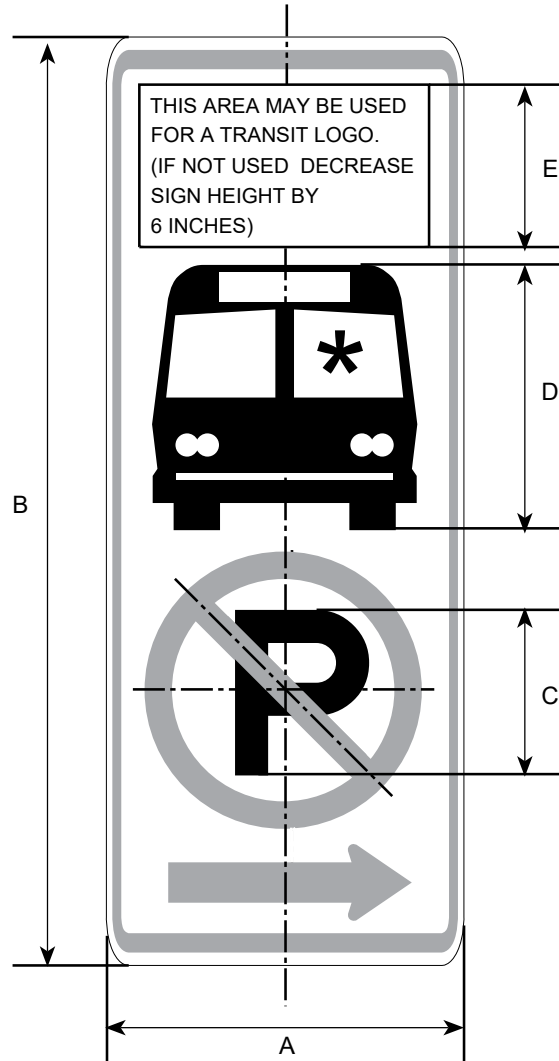
| DIMENSIONS (INCHES) |    |    |    |    |
|---------------------|----|----|----|----|
| A                   | B  | C  | D  | E  |
| 12                  | 18 | 3C | 2B | 3C |

TOP  
 COLORS: LEGEND - WHITE  
 BACKGROUND - RED

TOP RIGHT & BOTTOM  
 LEGEND - RED  
 BACKGROUND - WHITE

# R7-107A

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |     |         |     |     |
|--------------------------|-----|---------|-----|-----|
| A                        | B   | C       | D   | E   |
| 300                      | 750 | 150E(M) | 200 | 128 |

| DIMENSIONS (INCHES) |    |       |   |       |
|---------------------|----|-------|---|-------|
| A                   | B  | C     | D | E     |
| 12                  | 30 | 6E(M) | 8 | 5 1/8 |

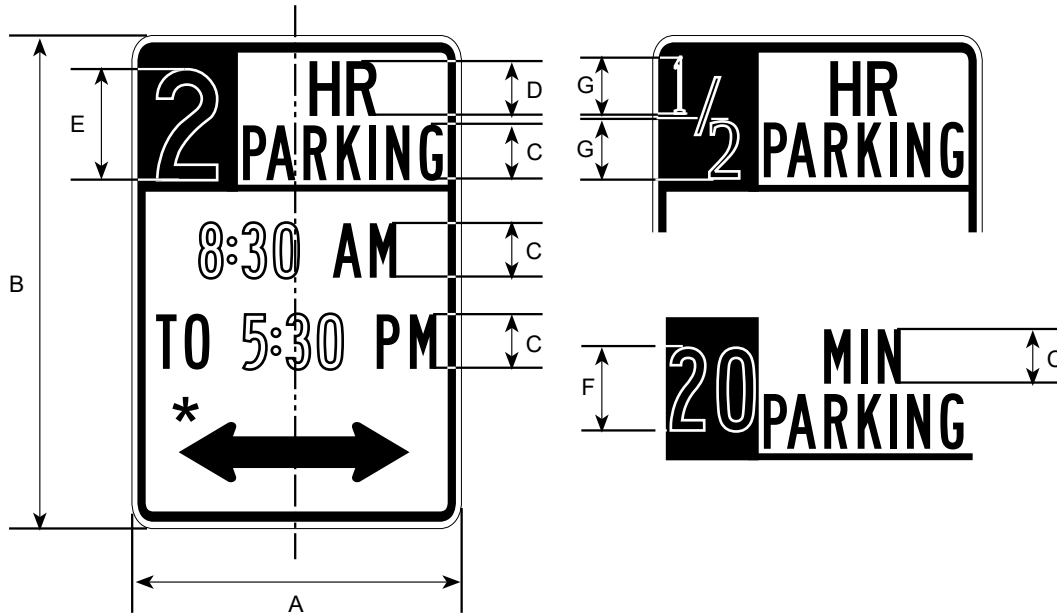
## COLORS

LEGEND, BORDER, CIRCLE, DIAGONAL, ARROW - RED  
BACKGROUND - WHITE  
TRANSIT LOGO, BUS SYMBOL - BLACK (PREFERABLE)  
LETTER P - BLACK



# R7-108

11/97



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |     |     |     |      |     |     |
|--------------------------|-----|-----|-----|------|-----|-----|
| A                        | B   | C   | D   | E    | F   | G   |
| 300                      | 450 | 50B | 50C | 100C | 75B | 50D |

| DIMENSIONS (INCHES) |    |    |    |    |    |    |
|---------------------|----|----|----|----|----|----|
| A                   | B  | C  | D  | E  | F  | G  |
| 12                  | 18 | 2B | 2C | 4C | 3B | 2D |

## COLORS

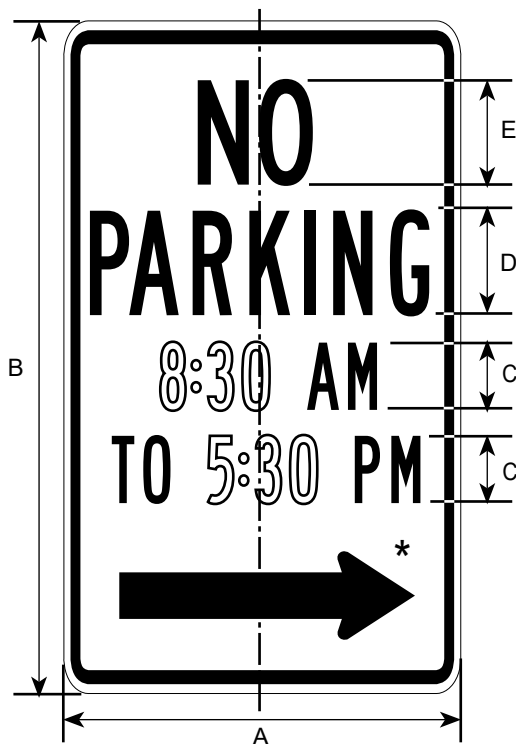
TOP LEFT  
LEGEND - WHITE  
BACKGROUND - GREEN

TOP RIGHT & BOTTOM  
LEGEND - GREEN  
BACKGROUND - WHITE

# R7-2 & R7-2A

11/97

**R7-2**



\* SEE APPENDIX FOR STANDARD ARROW DETAILS, DESIGNATE LEFT, RIGHT, OR BOTH

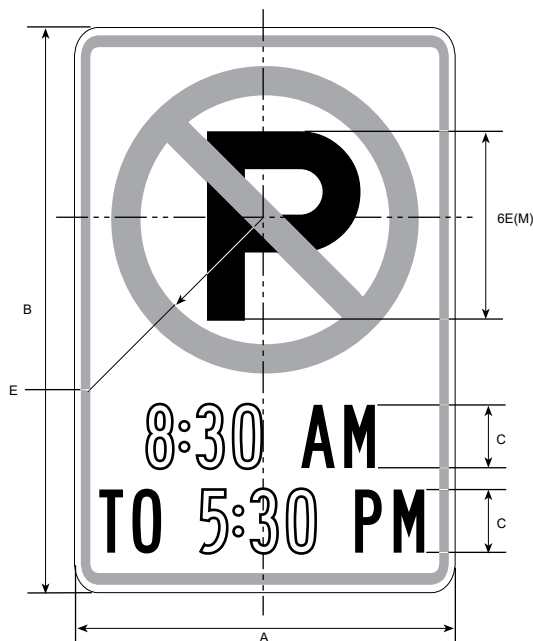
| DIMENSIONS (MILLIMETERS) |     |     |     |     |
|--------------------------|-----|-----|-----|-----|
| A                        | B   | C   | D   | E   |
| 300                      | 450 | 50B | 75B | 75C |

| DIMENSIONS (INCHES) |    |    |    |    |
|---------------------|----|----|----|----|
| A                   | B  | C  | D  | E  |
| 12                  | 18 | 2B | 3B | 3C |

## COLORS

LEGEND - RED  
BACKGROUND - WHITE (REFL)

**R7-2A**



| DIMENSIONS (MILLIMETERS) |     |     |         |    |
|--------------------------|-----|-----|---------|----|
| A                        | B   | C   | D       | E  |
| 300                      | 450 | 50B | 150E(M) | 97 |

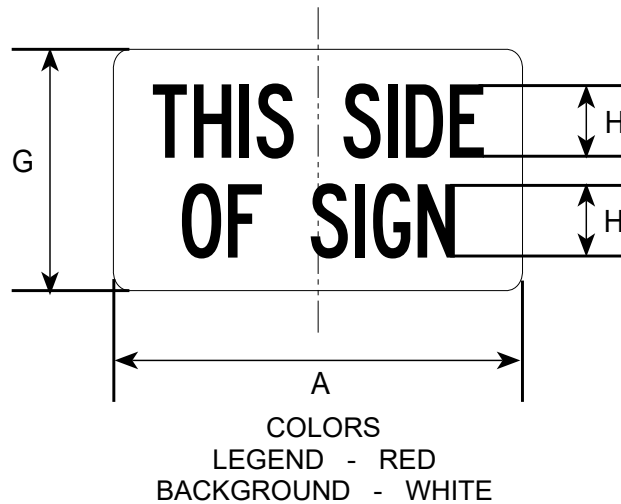
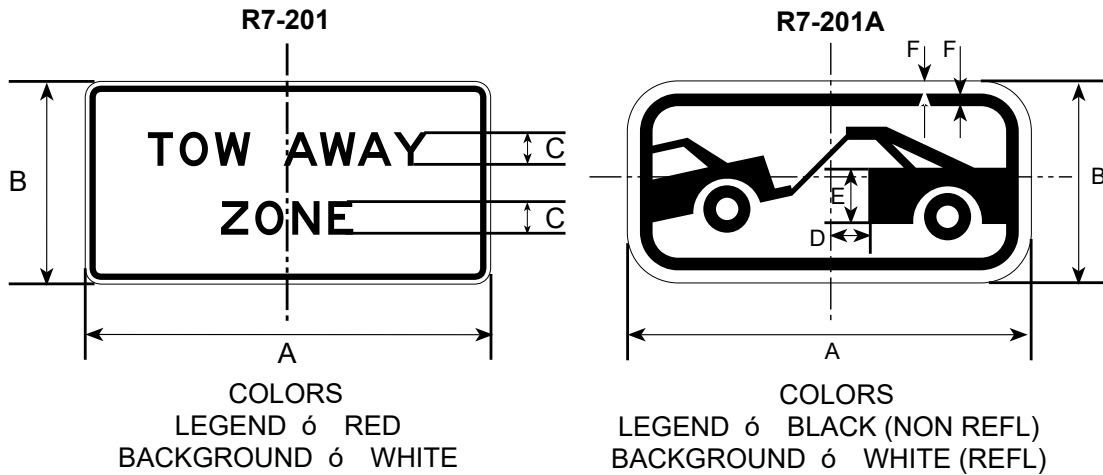
| DIMENSIONS (INCHES) |    |    |       |       |
|---------------------|----|----|-------|-------|
| A                   | B  | C  | D     | E     |
| 12                  | 18 | 2B | 6E(M) | 3 7/8 |

## COLORS

CIRCLE, DIAGONAL, LEGEND,  
BORDER - RED  
BACKGROUND - WHITE  
"P" - BLACK

# R7-201 & R7-201A

11/97



| DIMENSIONS (MILLIMETERS) |     |     |    |    |    |     |     |
|--------------------------|-----|-----|----|----|----|-----|-----|
| A                        | B   | C   | D  | E  | F  | G   | H   |
| 300                      | 150 | 25E | 28 | 31 | 10 | 163 | 50C |

| DIMENSIONS (INCHES) |   |    |       |       |     |       |    |
|---------------------|---|----|-------|-------|-----|-------|----|
| A                   | B | C  | D     | E     | F   | G     | H  |
| 12                  | 6 | 1E | 1 1/8 | 1 1/4 | 3/8 | 6 1/2 | 2C |

# R7-202

11/97



| DIMENSIONS (MILLIMETERS) |     |     |     |     |
|--------------------------|-----|-----|-----|-----|
| A                        | B   | C   | D   | E   |
| 300                      | 450 | 50B | 75B | 75C |

| DIMENSIONS (INCHES) |    |    |    |    |
|---------------------|----|----|----|----|
| A                   | B  | C  | D  | E  |
| 12                  | 18 | 2B | 3B | 3C |

## COLORS

LEGEND - RED  
BACKGROUND - WHITE (REFL)

# R7-203

3/06



| DIMENSIONS (MILLIMETERS) |     |   |    |     |    |     |    |     |     |    |    |
|--------------------------|-----|---|----|-----|----|-----|----|-----|-----|----|----|
| A                        | B   | C | D  | E   | F  | G   | H  | J   | K   | L  | M  |
| 450                      | 600 | 9 | 16 | 243 | 56 | 50D | 44 | 88  | 50C | 75 | 38 |
| 600                      | 750 | 9 | 16 | 300 | 69 | 63D | 56 | 119 | 63C | 81 | 38 |

| DIMENSIONS (INCHES) |    |     |     |       |       |        |       |       |        |       |       |
|---------------------|----|-----|-----|-------|-------|--------|-------|-------|--------|-------|-------|
| A                   | B  | C   | D   | E     | F     | G      | H     | J     | K      | L     | M     |
| 18                  | 24 | 3/8 | 5/8 | 9 3/4 | 2 1/4 | 2D     | 1 3/4 | 3 1/2 | 2C     | 3     | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8 | 12    | 2 3/4 | 2 1/2D | 2 1/4 | 4 3/4 | 2 1/2C | 3 1/4 | 1 1/2 |

## COLORS

TOP LEGEND - WHITE (REFL)  
 TOP BACKGROUND - RED (REFL)  
 BOTTOM LEGEND - RED (REFL)  
 BOTTOM BACKGROUND - WHITE (REFL)

# R7-3

11/97



\*See appendix for standard arrow details  
Designate left, right, or both.

| DIMENSIONS (MILLIMETERS) |     |     |     |     |
|--------------------------|-----|-----|-----|-----|
| A                        | B   | C   | D   | E   |
| 300                      | 450 | 25C | 75B | 75C |

| DIMENSIONS (INCHES) |    |    |    |    |
|---------------------|----|----|----|----|
| A                   | B  | C  | D  | E  |
| 12                  | 18 | 1C | 3B | 3C |

## COLORS

LEGEND - RED  
BACKGROUND - WHITE (REFL)

# R7-301

11/97



| DIMENSIONS (MILLIMETERS) |     |     |     |     |
|--------------------------|-----|-----|-----|-----|
| A                        | B   | C   | D   | E   |
| 300                      | 450 | 50C | 75B | 75C |

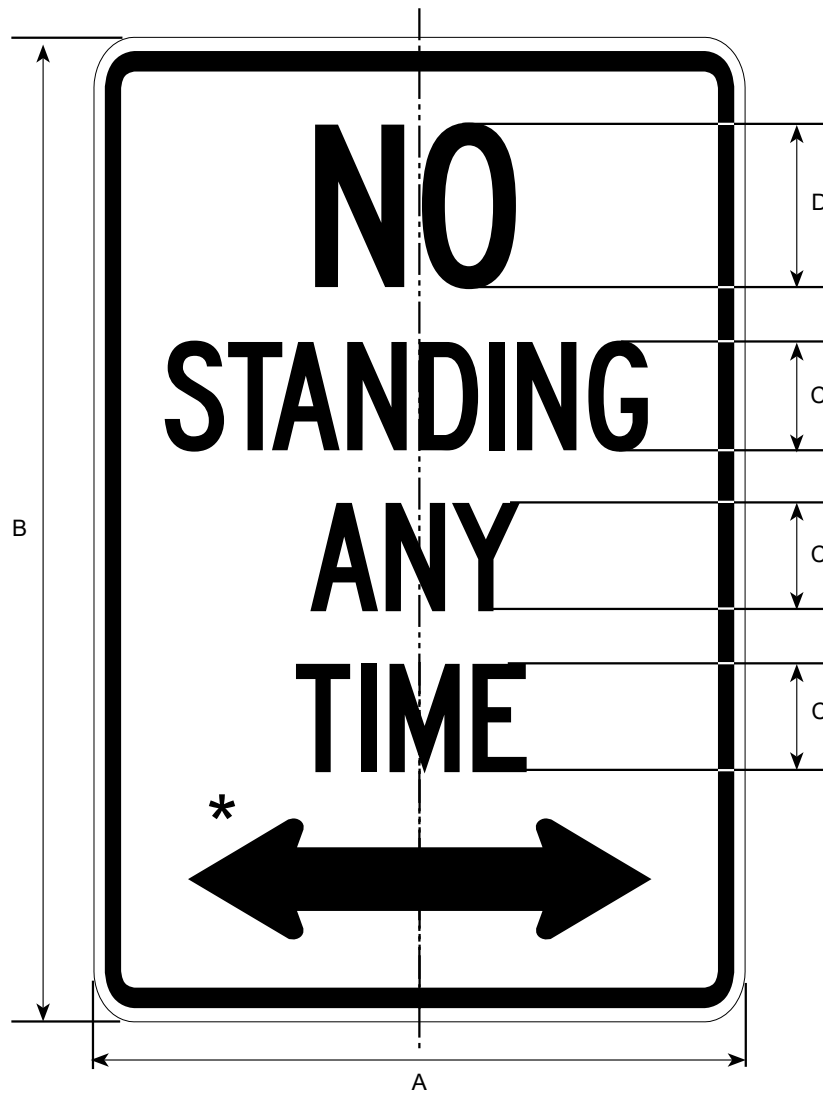
| DIMENSIONS (INCHES) |    |    |    |    |
|---------------------|----|----|----|----|
| A                   | B  | C  | D  | E  |
| 12                  | 18 | 2C | 3B | 3C |

## COLORS

LEGEND - RED  
BACKGROUND - WHITE (REFL)

# R7-4

11/97



\*See appendix for standard arrow details  
Designate left, right, or both.

| DIMENSIONS (MILLIMETERS) |     |     |     |
|--------------------------|-----|-----|-----|
| A                        | B   | C   | D   |
| 300                      | 450 | 50C | 75C |

| DIMENSIONS (INCHES) |    |    |    |
|---------------------|----|----|----|
| A                   | B  | C  | D  |
| 12                  | 18 | 2C | 3C |

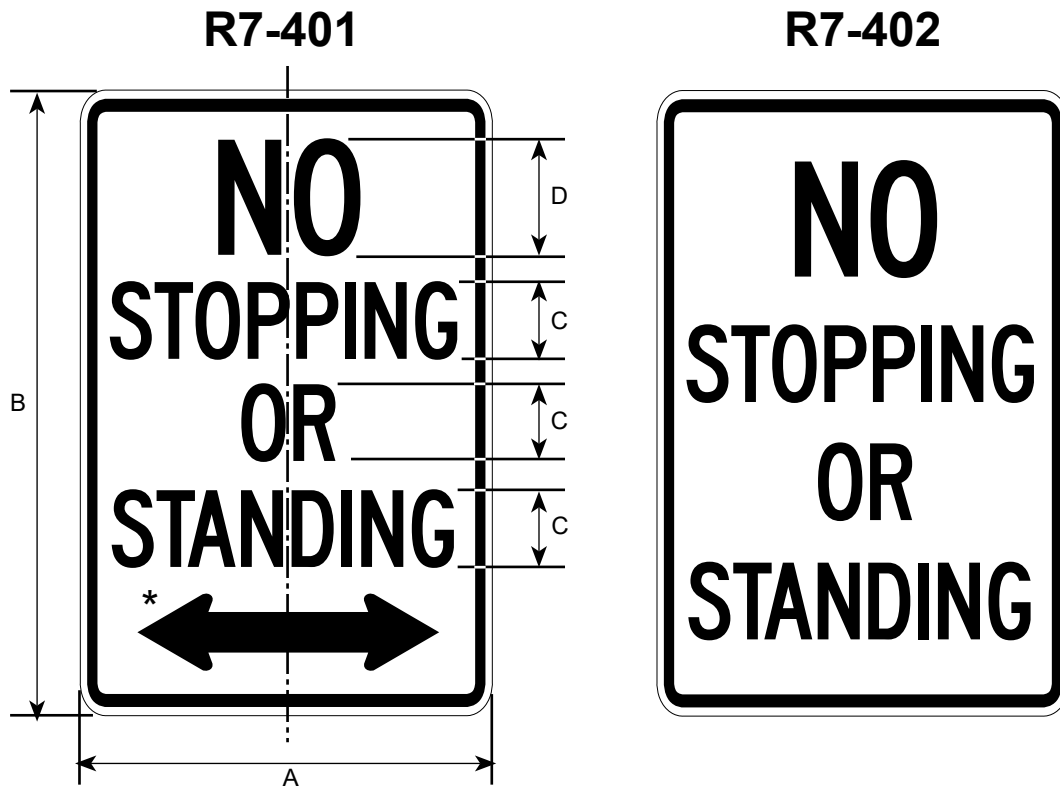
## COLORS

LEGEND - RED  
BACKGROUND - WHITE (REFL)



# R7-401 & R7-402

11/97



\* SEE APPENDIX FOR STANDARD ARROW DETAILS  
DESIGNATE LEFT, RIGHT, OR BOTH

| DIMENSIONS (MILLIMETERS) |     |     |     |
|--------------------------|-----|-----|-----|
| A                        | B   | C   | D   |
| 300                      | 450 | 50C | 75C |

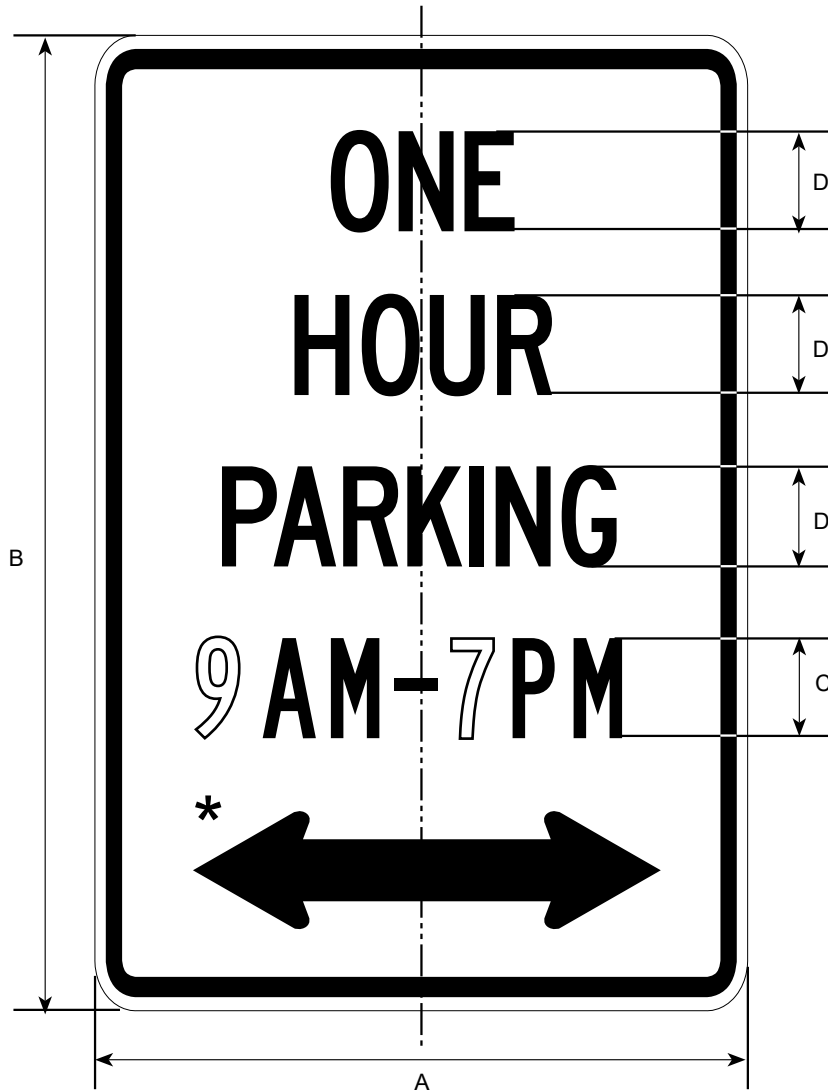
| DIMENSIONS (INCHES) |    |    |    |
|---------------------|----|----|----|
| A                   | B  | C  | D  |
| 12                  | 18 | 2C | 3C |

## COLORS

LEGEND - RED  
BACKGROUND - WHITE (REFL)

# R7-5

11/97



\*See appendix for standard arrow details  
Designate left, right, or both.

| DIMENSIONS (MILLIMETERS) |     |     |     |
|--------------------------|-----|-----|-----|
| A                        | B   | C   | D   |
| 300                      | 450 | 50B | 50C |

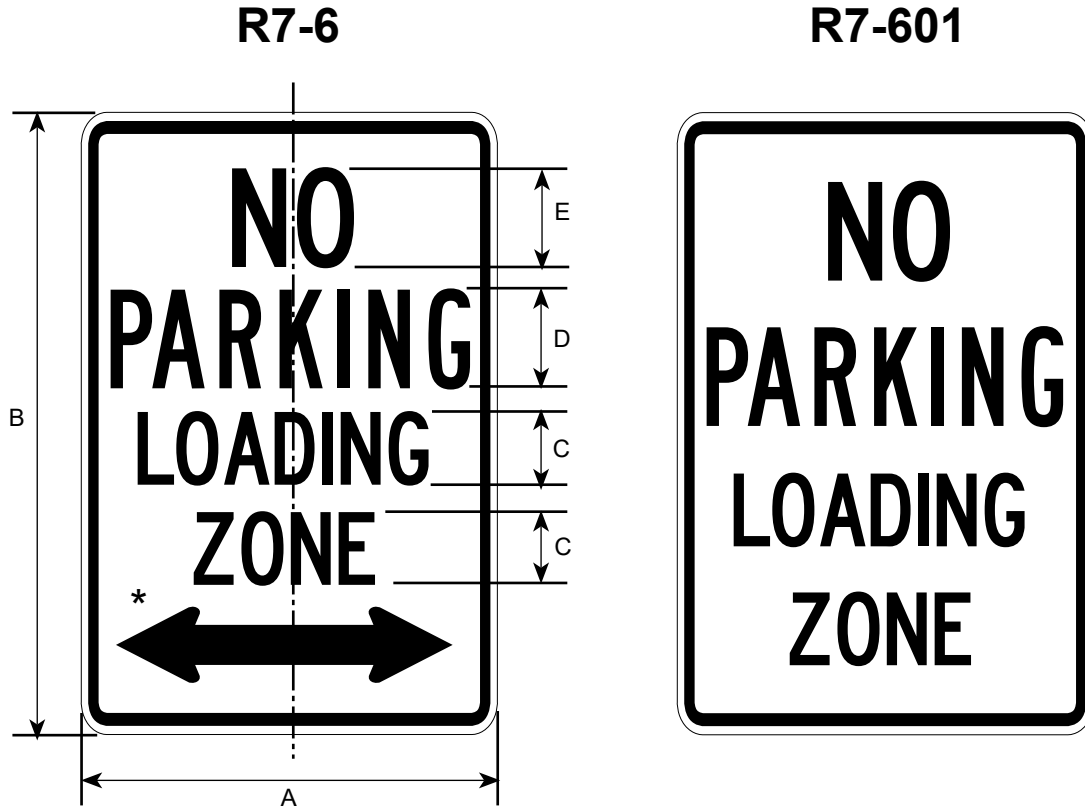
| DIMENSIONS (INCHES) |    |    |    |
|---------------------|----|----|----|
| A                   | B  | C  | D  |
| 12                  | 18 | 2B | 2C |

## COLORS

LEGEND - GREEN  
BACKGROUND - WHITE

# R7-6 & R7-601

11/97



\* SEE APPENDIX FOR STANDARD ARROW00 DETAILS  
DESIGNATE LEFT, RIGHT, OR BOTH

| DIMENSIONS (MILLIMETERS) |     |     |     |     |
|--------------------------|-----|-----|-----|-----|
| A                        | B   | C   | D   | E   |
| 300                      | 450 | 50C | 75B | 75C |

| DIMENSIONS (INCHES) |    |    |    |    |
|---------------------|----|----|----|----|
| A                   | B  | C  | D  | E  |
| 12                  | 18 | 2C | 3B | 3C |

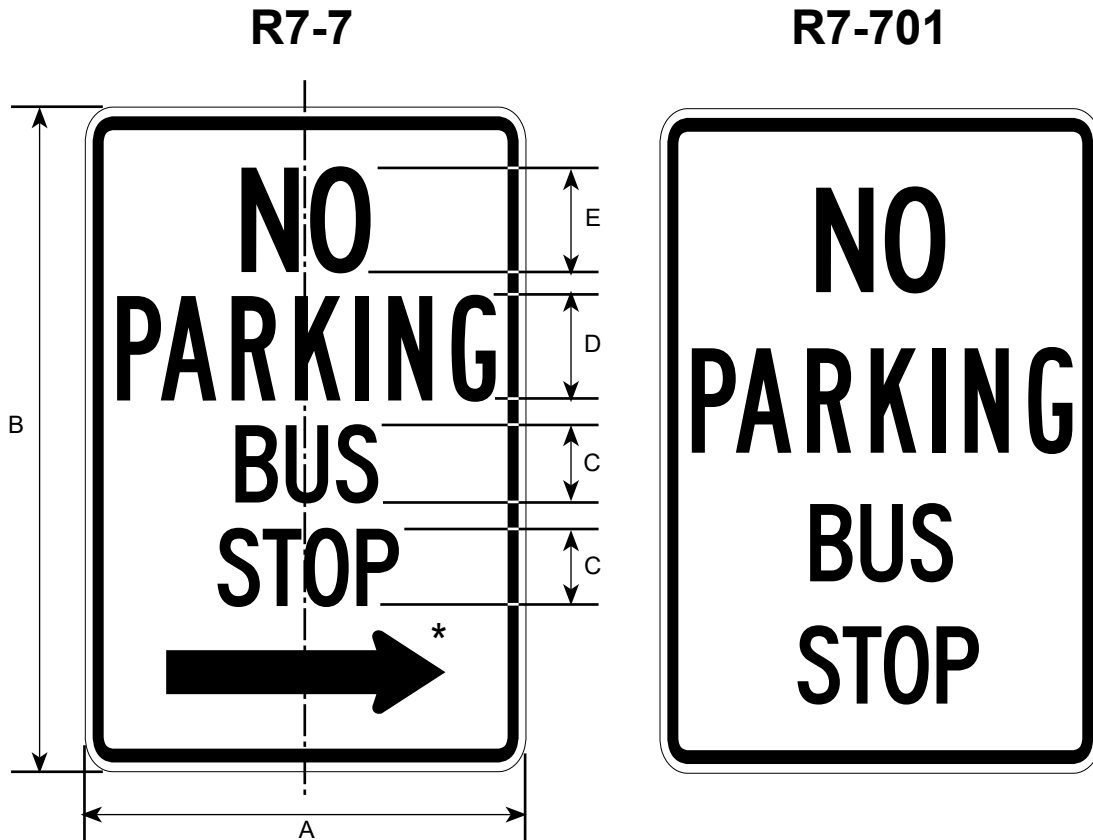
## COLORS

LEGEND - RED

BACKGROUND - WHITE (REFL)

# R7-7 & R7-701

11/97



\* SEE APPENDIX FOR STANDARD ARROW DETAILS  
DESIGNATE LEFT, RIGHT, OR BOTH

| DIMENSIONS (MILLIMETERS) |     |     |     |     |
|--------------------------|-----|-----|-----|-----|
| A                        | B   | C   | D   | E   |
| 300                      | 450 | 50C | 75B | 75C |

| DIMENSIONS (INCHES) |    |    |    |    |
|---------------------|----|----|----|----|
| A                   | B  | C  | D  | E  |
| 12                  | 18 | 2C | 3B | 3C |

## COLORS

LEGEND - RED  
BACKGROUND - WHITE (REFL)

# R7-801

11/97



DIMENSIONS (MILLIMETERS)

| A   | B   | C  | D  | E   | F   | G  | H  | J  | K   | L  |
|-----|-----|----|----|-----|-----|----|----|----|-----|----|
| 300 | 450 | 10 | 16 | 50C | 19C | 25 | 13 | 19 | 150 | 38 |

DIMENSIONS (INCHES)

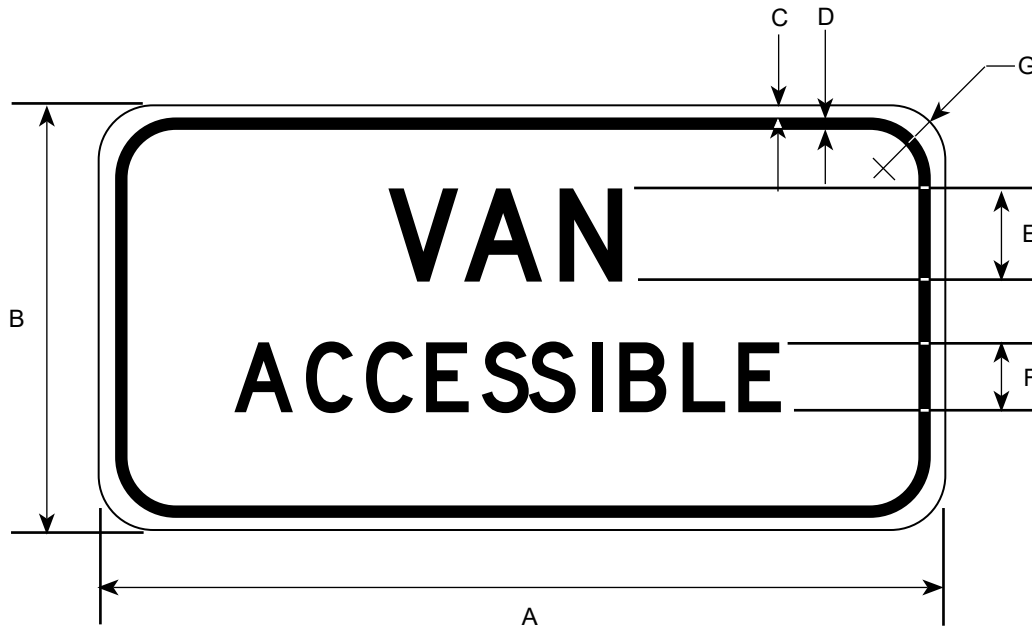
| A  | B  | C   | D   | E  | F    | G | H   | J   | K | L     |
|----|----|-----|-----|----|------|---|-----|-----|---|-------|
| 12 | 18 | 3/8 | 5/8 | 2C | 3/4C | 1 | 1/2 | 3/4 | 6 | 1 1/2 |

## COLORS

LEGEND - GREEN (REFL)  
 SYMBOL - BLUE (REFL)  
 BACKGROUND - WHITE (REFL)

# R7-801A

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |     |     |    |
|--------------------------|-----|----|----|-----|-----|----|
| A                        | B   | C  | D  | E   | F   | G  |
| 300                      | 150 | 9  | 9  | 38D | 25D | 38 |
| 450                      | 225 | 16 | 16 | 50D | 38D | 38 |

| DIMENSIONS (MILLIMETERS) |   |     |     |        |        |       |
|--------------------------|---|-----|-----|--------|--------|-------|
| A                        | B | C   | D   | E      | F      | G     |
| 12                       | 6 | 3/8 | 3/8 | 1 1/2D | 1D     | 1 1/2 |
| 18                       | 9 | 5/8 | 5/8 | 2D     | 1 1/2D | 1 1/2 |

## COLORS

### REGULATORY (COLORS MAY BE REVERSED)

LEGEND - GREEN OR BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

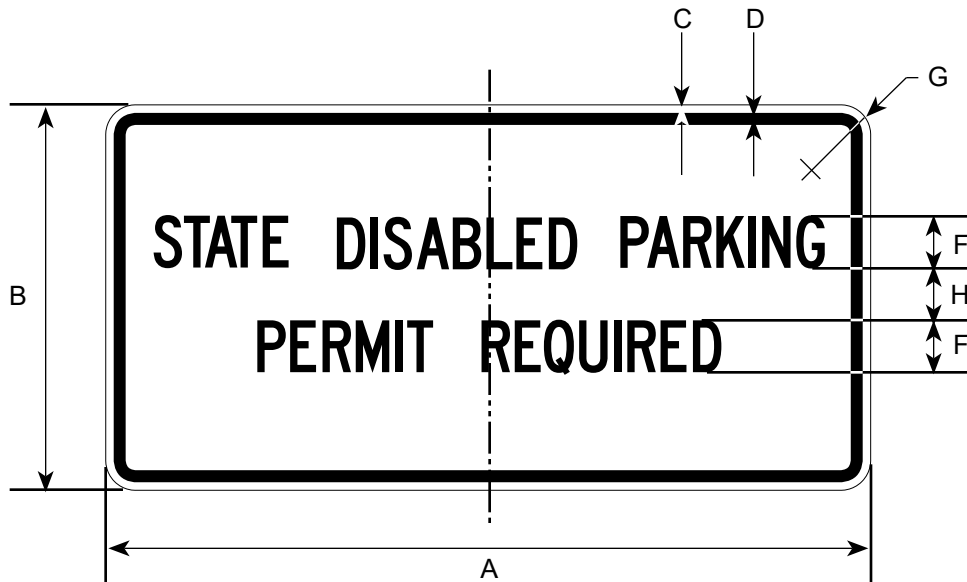
### DIRECTIONAL

LEGEND - WHITE (REFL)

BACKGROUND - BLUE (REFL)

# R7-801P

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |     |    |    |
|--------------------------|-----|----|----|-----|----|----|
| A                        | B   | C  | D  | E   | F  | G  |
| 300                      | 150 | 10 | 16 | 19C | 13 | 38 |

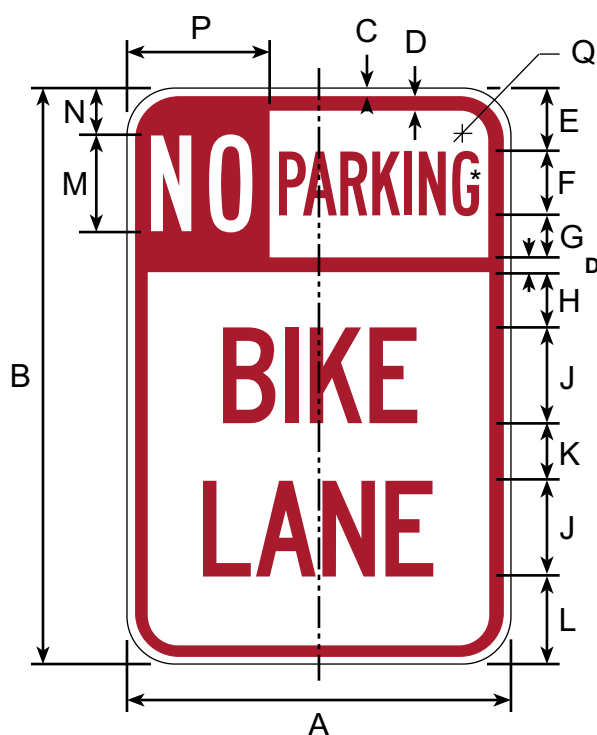
| DIMENSIONS (INCHES) |   |     |     |      |     |       |
|---------------------|---|-----|-----|------|-----|-------|
| A                   | B | C   | D   | E    | F   | G     |
| 12                  | 6 | 3/8 | 5/8 | 3/4C | 1/2 | 1 1/2 |

## COLORS

LEGEND - GREEN (REFL)  
BACKGROUND - WHITE (REFL)

# R7-9

3/06



\* REDUCE SPACING 15%

| DIMENSIONS (MILLIMETERS) |     |   |    |    |     |    |    |
|--------------------------|-----|---|----|----|-----|----|----|
| A                        | B   | C | D  | E  | F   | G  | H  |
| 300                      | 450 | 9 | 16 | 59 | 59B | 25 | 44 |

| J   | K  | L  | M   | N  | P   | Q  |
|-----|----|----|-----|----|-----|----|
| 75C | 47 | 69 | 75B | 33 | 109 | 38 |

| DIMENSIONS (INCHES) |    |     |     |   |    |   |       |
|---------------------|----|-----|-----|---|----|---|-------|
| A                   | B  | C   | D   | E | F  | G | H     |
| 12                  | 18 | 3/8 | 5/8 | 2 | 2B | 1 | 1 3/4 |

| J  | K     | L     | M  | N      | P     | Q     |
|----|-------|-------|----|--------|-------|-------|
| 3C | 1 7/8 | 2 3/4 | 3B | 1 5/16 | 4 3/8 | 1 1/2 |

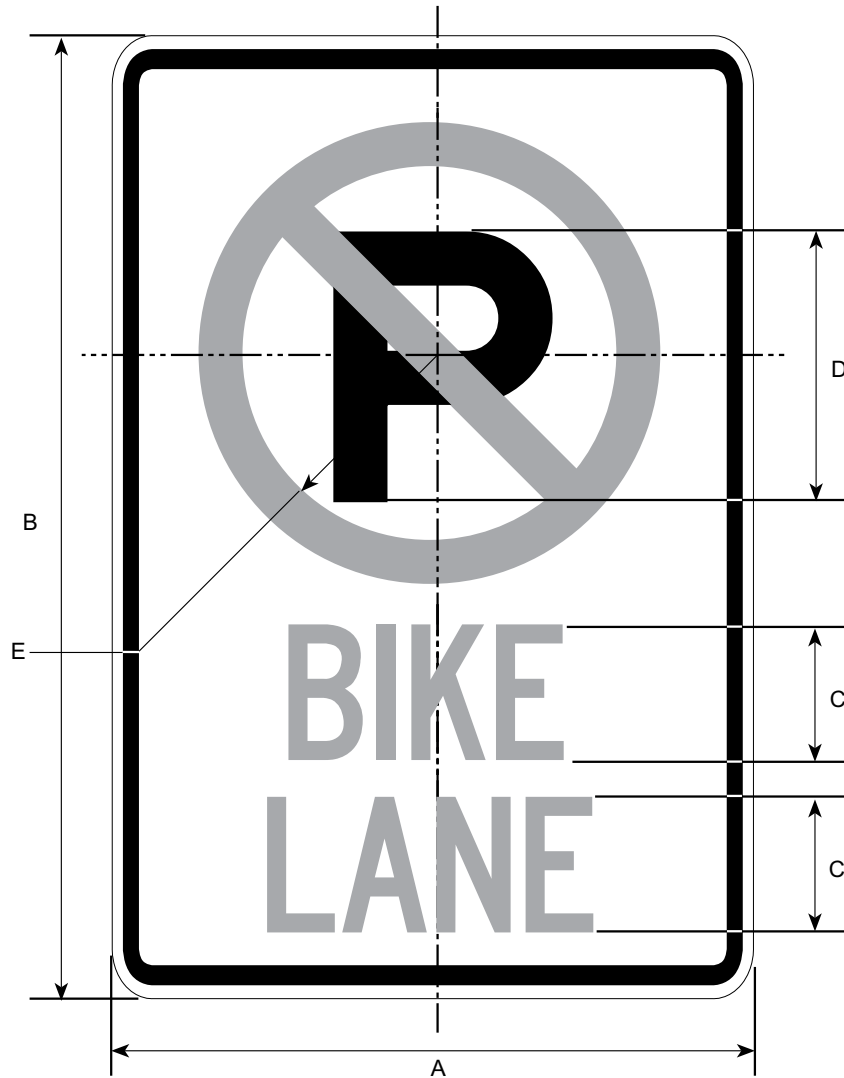
## COLORS

LEGEND - RED (REFL) & WHITE (REFL)  
BACKGROUND - WHITE (REFL) & RED (REFL)



# R7-9A

11/97



| DIMENSIONS (MILLIMETERS) |     |     |         |    |
|--------------------------|-----|-----|---------|----|
| A                        | B   | C   | D       | E  |
| 300                      | 450 | 63C | 125E(M) | 85 |

| DIMENSIONS (INCHES) |    |        |       |       |
|---------------------|----|--------|-------|-------|
| A                   | B  | C      | D     | E     |
| 12                  | 18 | 2 1/2C | 5E(M) | 3 3/8 |

## COLORS

LEGEND, CIRCLE, DIAGONAL — RED

BACKGROUND — WHITE

LETTER P, BORDER — BLACK

# R7-10801

11/97



| DIMENSIONS (MILLIMETERS) |     |     |
|--------------------------|-----|-----|
| A                        | B   | C   |
| 300                      | 450 | 75A |

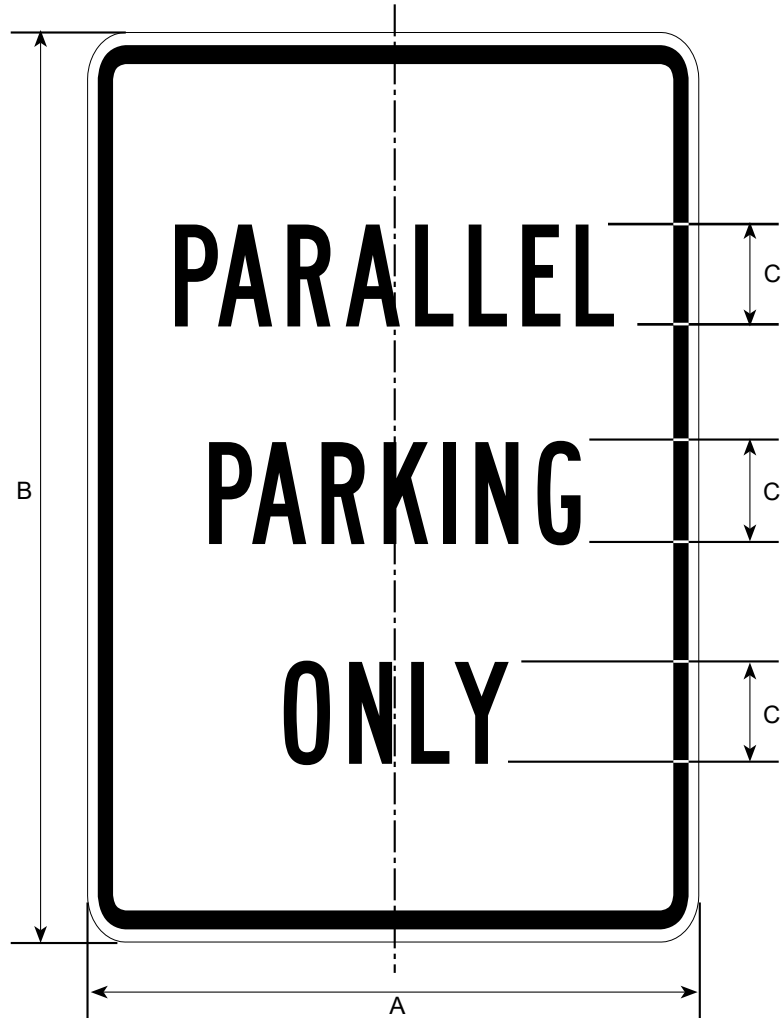
| DIMENSIONS (INCHES) |    |    |
|---------------------|----|----|
| A                   | B  | C  |
| 12                  | 18 | 3A |

## COLORS

LEGEND - GREEN  
BACKGROUND - WHITE

# R7-10802

11/97



| DIMENSIONS (MILLIMETERS) |     |     |
|--------------------------|-----|-----|
| A                        | B   | C   |
| 300                      | 450 | 50B |

| DIMENSIONS (INCHES) |    |    |
|---------------------|----|----|
| A                   | B  | C  |
| 12                  | 18 | 2B |

## COLORS

LEGEND - BLACK

BACKGROUND - WHITE

# R8-1

11/97



DIMENSIONS (MILLIMETERS)

| A    | B    | C  | D  | E    | F    | G    |
|------|------|----|----|------|------|------|
| 450  | 600  | 10 | 16 | 75D  | 75C  | 50D  |
| 600  | 750  | 10 | 16 | 125D | 125C | 75D  |
| 900  | 1200 | 16 | 22 | 175D | 175C | 100D |
| 1200 | 1500 | 19 | 31 | 225D | 225C | 125D |

DIMENSIONS (INCHES)

| A  | B  | C   | D     | E  | F  | G  |
|----|----|-----|-------|----|----|----|
| 18 | 24 | 3/8 | 5/8   | 3D | 3C | 2D |
| 24 | 30 | 3/8 | 5/8   | 5D | 5C | 3D |
| 36 | 48 | 5/8 | 7/8   | 7D | 7C | 4D |
| 48 | 60 | 3/4 | 1 1/4 | 9D | 9C | 5D |

## COLORS

LEGEND - RED (REFL)  
BACKGROUND - WHITE (REFL)

# R8-2

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |      |      |     |    |
|--------------------------|------|----|----|-----|------|-----|------|------|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H    | J    | K   | L  |
| 450                      | 600  | 9  | 16 | 88  | 75D  | 63  | 75C  | 50C  | 50  | 38 |
| 600                      | 750  | 9  | 16 | 91  | 125D | 56  | 125C | 75C  | 56  | 38 |
| 900                      | 1200 | 16 | 22 | 150 | 175D | 125 | 175C | 100C | 100 | 56 |
| 1200                     | 1500 | 19 | 31 | 188 | 225D | 150 | 225C | 125C | 125 | 75 |

| DIMENSIONS (INCHES) |    |     |       |       |    |       |    |    |       |       |
|---------------------|----|-----|-------|-------|----|-------|----|----|-------|-------|
| A                   | B  | C   | D     | E     | F  | G     | H  | J  | K     | L     |
| 18                  | 24 | 3/8 | 5/8   | 3 1/2 | 3D | 2 1/2 | 3C | 2C | 2     | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8   | 3 5/8 | 5D | 2 1/4 | 5C | 3C | 2 1/4 | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8   | 6     | 7D | 5     | 7C | 4C | 4     | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 7 1/2 | 9D | 6     | 9C | 5C | 5     | 3     |

## COLORS

LEGEND - RED (REFL)

BACKGROUND - WHITE (REFL)

# R8-3

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |      |    |
|--------------------------|------|----|----|-----|------|-----|------|----|
| A                        | B    | C  | D  | E   | F    | G   | H    | J  |
| 450                      | 600  | 9  | 16 | 175 | 100D | 75  | 75C  | 38 |
| 600                      | 750  | 9  | 16 | 181 | 150D | 113 | 125C | 38 |
| 900                      | 900  | 16 | 22 | 188 | 200D | 150 | 175C | 56 |
| 1200                     | 1200 | 19 | 31 | 263 | 250D | 200 | 225C | 75 |

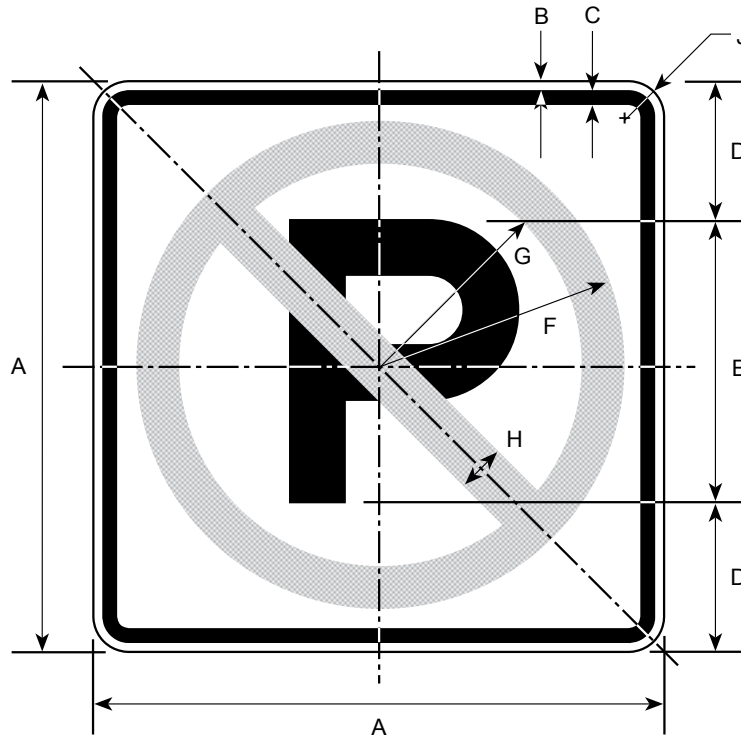
| DIMENSIONS (INCHES) |    |     |       |        |     |       |    |       |
|---------------------|----|-----|-------|--------|-----|-------|----|-------|
| A                   | B  | C   | D     | E      | F   | G     | H  | J     |
| 18                  | 24 | 3/8 | 5/8   | 7      | 4D  | 3     | 3C | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8   | 7 1/4  | 6D  | 4 1/2 | 5C | 1 1/2 |
| 36                  | 36 | 5/8 | 7/8   | 7 1/2  | 8D  | 6     | 7C | 2 1/4 |
| 48                  | 48 | 3/4 | 1 1/4 | 10 1/2 | 10D | 8     | 9C | 3     |

## COLORS

LEGEND - RED (REFL)  
BACKGROUND - WHITE (REFL)

# R8-3A

11/9



| DIMENSIONS (MILLIMETERS) |    |    |     |         |     |     |     |    |
|--------------------------|----|----|-----|---------|-----|-----|-----|----|
| A                        | B  | C  | D   | E       | F   | G   | H   | J  |
| 300                      | 9  | 16 | 75  | 150E(M) | 122 | 97  | 25  | 38 |
| 600                      | 13 | 19 | 150 | 300E(M) | 263 | 213 | 62  | 38 |
| 900                      | 16 | 22 | 225 | 450E(M) | 394 | 319 | 75  | 56 |
| 1200                     | 19 | 31 | 300 | 600E(M) | 525 | 425 | 100 | 75 |

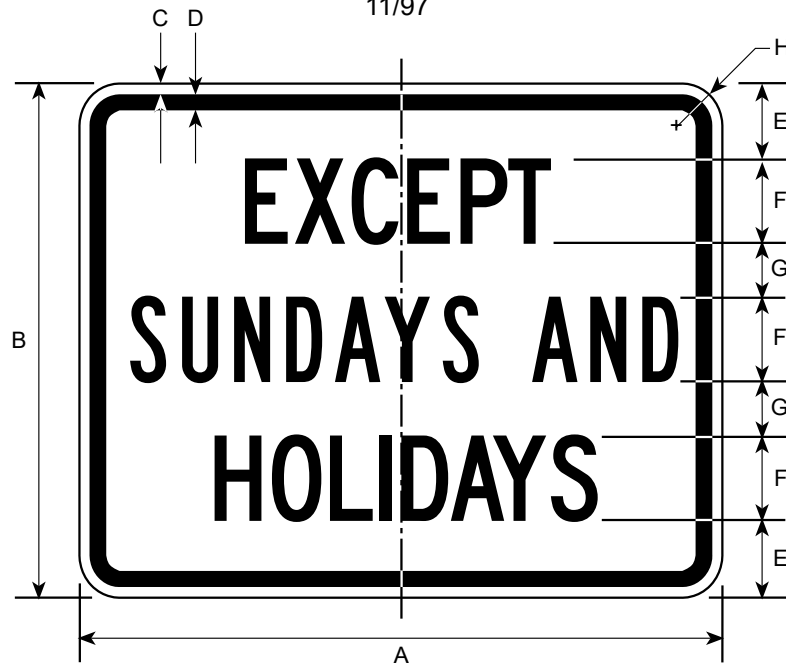
| DIMENSIONS (INCHES) |     |       |    |        |        |        |       |       |
|---------------------|-----|-------|----|--------|--------|--------|-------|-------|
| A                   | B   | C     | D  | E      | F      | G      | H     | J     |
| 12                  | 3/8 | 3/8   | 3  | 6E(M)  | 4 7/8  | 3 7/8  | 1     | 1 1/2 |
| 24                  | 3/8 | 5/8   | 6  | 12E(M) | 10 1/2 | 8 1/2  | 2 1/2 | 1 1/2 |
| 36                  | 5/8 | 7/8   | 9  | 18E(M) | 15 3/4 | 12 3/4 | 3     | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 12 | 24E(M) | 21     | 17     | 4     | 3     |

## COLORS

CIRCLE & DIAGONAL — RED (REFL)  
 SYMBOL & BORDER — BLACK (NON-REFL)  
 BACKGROUND — WHITE (REFL)

# R8-3AP

11/97



## OTHER TYPICAL LEGENDS

**ON  
TRACKS**

**6 AM  
TO 6 PM**



**ON  
BRIDGE**

**EXCEPT ON  
SHOULDERS**

**ON  
PAVEMENT**

**LOADING  
ZONE**



### DIMENSIONS (MILLIMETERS)

| A   | B   | C | D  | E   | F   | G   | H  |
|-----|-----|---|----|-----|-----|-----|----|
| 300 | VAR | 9 | 9  | VAR | VAR | VAR | 38 |
| 600 | VAR | 9 | 16 | VAR | VAR | VAR | 38 |

### DIMENSIONS (INCHES)

| A  | B   | C   | D   | E   | F   | G   | H     |
|----|-----|-----|-----|-----|-----|-----|-------|
| 12 | VAR | 3/8 | 3/8 | VAR | VAR | VAR | 1 1/2 |
| 24 | VAR | 3/8 | 5/8 | VAR | VAR | VAR | 1 1/2 |

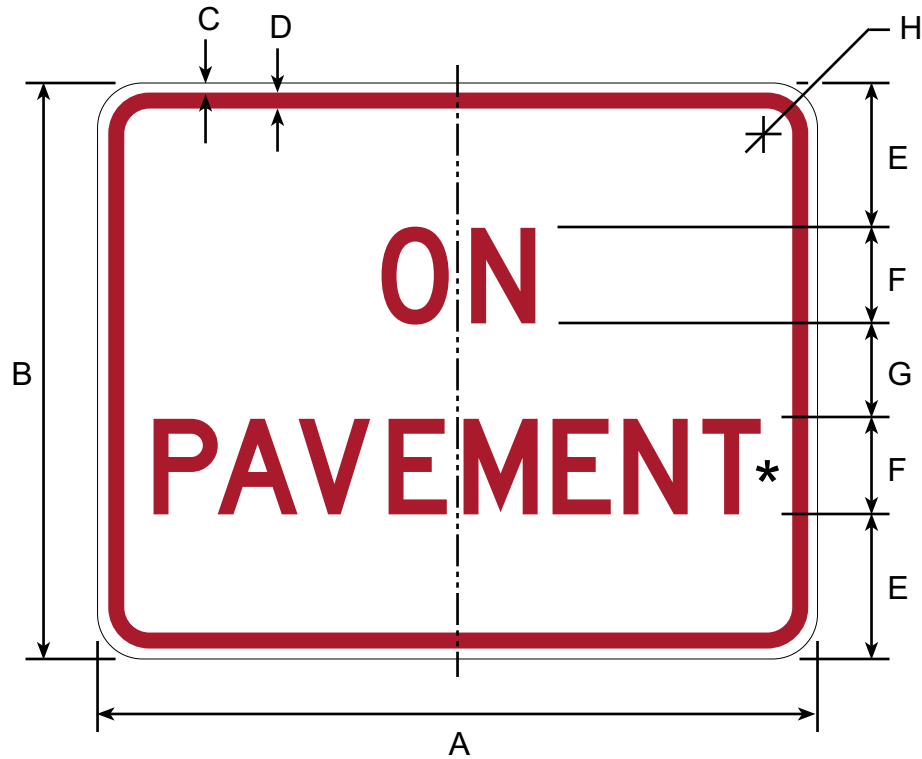
## COLORS

LEGEND - RED (REFL)  
BACKGROUND - WHITE (REFL)



# R8-3C

3/06



\* REDUCE SPACING TO FIT FOR 30" (750MM) WIDE SIGN

| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |     |    |
|--------------------------|-----|----|----|-----|------|-----|----|
| A                        | B   | C  | D  | E   | F    | G   | H  |
| 300                      | 225 | 9  | 11 | 66  | 34D  | 25  | 38 |
| 450                      | 300 | 9  | 16 | 75  | 50D  | 50  | 38 |
| 600                      | 450 | 9  | 16 | 119 | 75D  | 62  | 38 |
| 750                      | 600 | 13 | 19 | 150 | 100D | 100 | 47 |

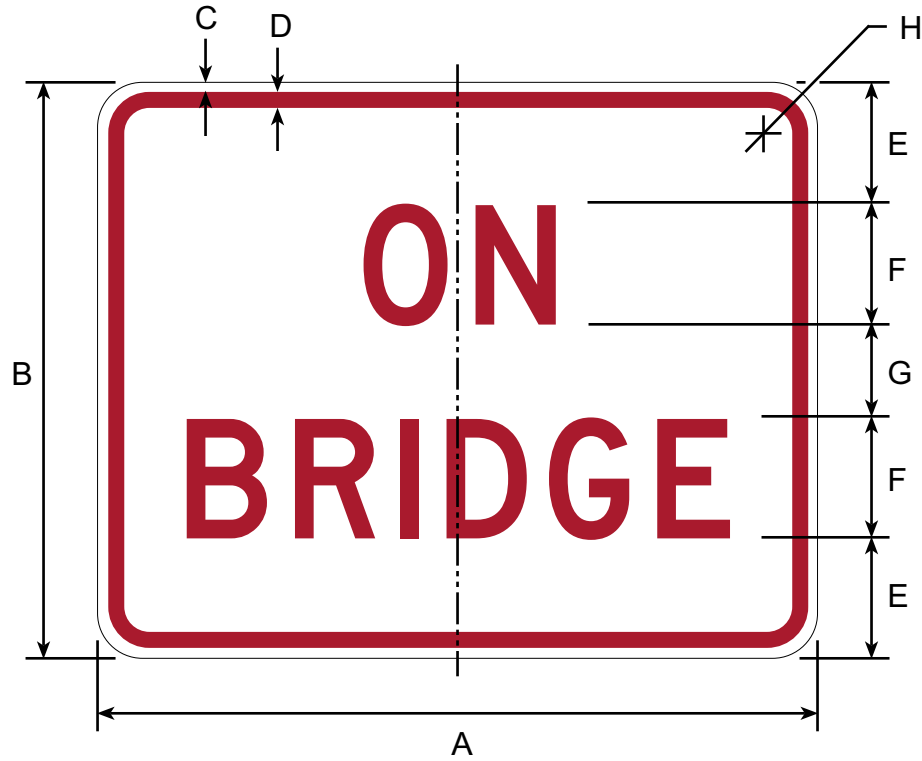
| DIMENSIONS (INCHES) |    |     |      |       |        |       |       |
|---------------------|----|-----|------|-------|--------|-------|-------|
| A                   | B  | C   | D    | E     | F      | G     | H     |
| 12                  | 9  | 3/8 | 7/16 | 2 5/8 | 1 3/8D | 1     | 1 1/2 |
| 18                  | 12 | 3/8 | 5/8  | 3     | 2D     | 2     | 1 1/2 |
| 24                  | 18 | 3/8 | 5/8  | 4 3/4 | 3D     | 2 1/2 | 1 1/2 |
| 30                  | 24 | 1/2 | 3/4  | 6     | 4D     | 4     | 1 7/8 |

## COLORS

LEGEND - RED (REFL)  
BACKGROUND - WHITE (REFL)

# R8-3D

3/06



| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |     |    |
|--------------------------|-----|----|----|-----|------|-----|----|
| A                        | B   | C  | D  | E   | F    | G   | H  |
| 300                      | 225 | 9  | 11 | 50  | 50D  | 25  | 38 |
| 450                      | 300 | 9  | 16 | 50  | 75D  | 50  | 38 |
| 600                      | 450 | 9  | 16 | 94  | 100D | 63  | 38 |
| 750                      | 600 | 13 | 19 | 125 | 125D | 100 | 47 |

| DIMENSIONS (INCHES) |    |     |      |       |    |       |       |
|---------------------|----|-----|------|-------|----|-------|-------|
| A                   | B  | C   | D    | E     | F  | G     | H     |
| 12                  | 9  | 3/8 | 7/16 | 2     | 2D | 1     | 1 1/2 |
| 18                  | 12 | 3/8 | 5/8  | 2     | 3D | 2     | 1 1/2 |
| 24                  | 18 | 3/8 | 5/8  | 3 3/4 | 4D | 2 1/2 | 1 1/2 |
| 30                  | 24 | 1/2 | 3/4  | 5     | 5D | 4     | 1 7/8 |

## COLORS

LEGEND - RED (REFL)  
BACKGROUND - WHITE (REFL)

# R8-301

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |      |      |      |    |
|--------------------------|-----|---|----|------|------|------|----|
| A                        | B   | C | D  | E    | F    | G    | H  |
| 750                      | 900 | 9 | 16 | 175D | 150C | 100C | 38 |

| DIMENSIONS (INCHES) |    |     |     |    |    |    |       |
|---------------------|----|-----|-----|----|----|----|-------|
| A                   | B  | C   | D   | E  | F  | G  | H     |
| 30                  | 36 | 3/8 | 5/8 | 7D | 6C | 4C | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R8-4

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |     |      |    |
|--------------------------|-----|----|----|-----|------|-----|------|----|
| A                        | B   | C  | D  | E   | F    | G   | H    | J  |
| 750                      | 600 | 9  | 16 | 88  | 100C | 63  | 100D | 38 |
| 1200                     | 900 | 16 | 22 | 125 | 150C | 100 | 150D | 56 |

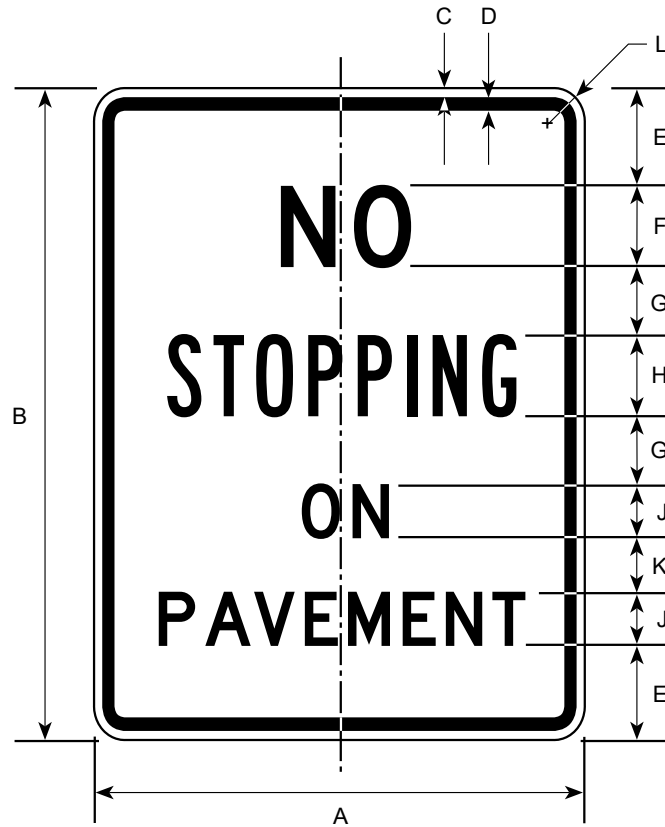
| DIMENSIONS (INCHES) |    |     |     |       |    |       |    |       |
|---------------------|----|-----|-----|-------|----|-------|----|-------|
| A                   | B  | C   | D   | E     | F  | G     | H  | J     |
| 30                  | 24 | 3/8 | 5/8 | 3 1/2 | 4C | 2 1/2 | 4D | 1 1/2 |
|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

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R8-5

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |      |      |     |    |
|--------------------------|------|----|----|-----|------|-----|------|------|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H    | J    | K   | L  |
| 450                      | 600  | 9  | 16 | 88  | 75D  | 63  | 75B  | 50D  | 50  | 38 |
| 600                      | 750  | 9  | 16 | 91  | 125D | 56  | 125B | 75D  | 56  | 38 |
| 900                      | 1200 | 16 | 22 | 150 | 175D | 125 | 175B | 100D | 100 | 56 |
| 1200                     | 1500 | 19 | 31 | 188 | 225D | 150 | 225B | 125D | 125 | 75 |

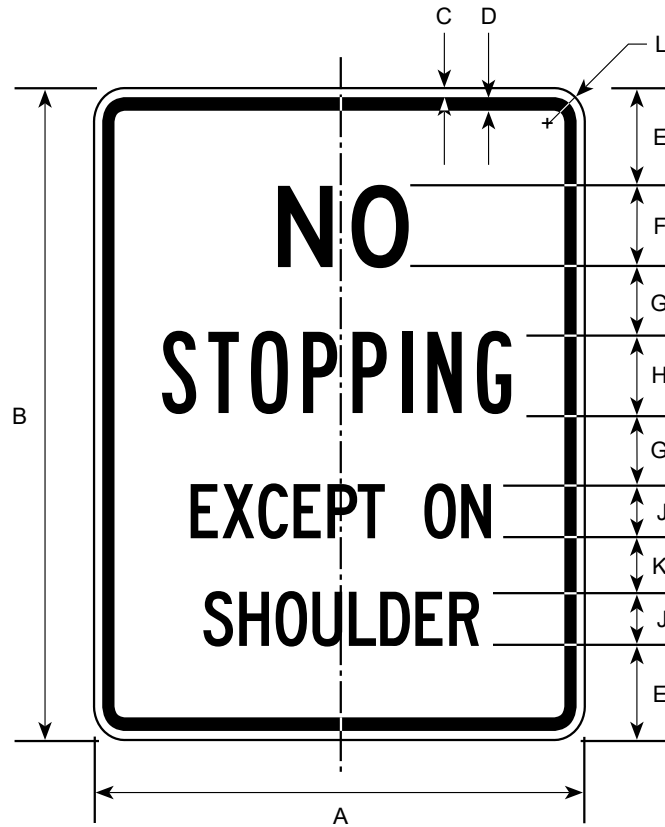
| DIMENSIONS (INCHES) |    |     |       |       |    |       |    |    |       |       |
|---------------------|----|-----|-------|-------|----|-------|----|----|-------|-------|
| A                   | B  | C   | D     | E     | F  | G     | H  | J  | K     | L     |
| 18                  | 24 | 3/8 | 5/8   | 3 1/2 | 3D | 2 1/2 | 3B | 2D | 2     | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8   | 3 5/8 | 5D | 2 1/4 | 5B | 3D | 2 1/4 | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8   | 6     | 7D | 5     | 7B | 4D | 4     | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 7 1/2 | 9D | 6     | 9B | 5D | 5     | 3     |

## COLORS

LEGEND - RED (REFL)  
BACKGROUND - WHITE (REFL)

# R8-6

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |      |      |     |    |
|--------------------------|------|----|----|-----|------|-----|------|------|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H    | J    | K   | L  |
| 450                      | 600  | 9  | 16 | 88  | 75D  | 63  | 75B  | 50C  | 50  | 38 |
| 600                      | 750  | 9  | 16 | 91  | 125D | 56  | 125B | 75C  | 56  | 38 |
| 900                      | 1200 | 16 | 22 | 150 | 175D | 125 | 175B | 100C | 100 | 56 |
| 1200                     | 1500 | 19 | 31 | 188 | 225D | 150 | 225B | 125C | 125 | 75 |

| DIMENSIONS (INCHES) |    |     |       |       |    |       |    |    |       |       |
|---------------------|----|-----|-------|-------|----|-------|----|----|-------|-------|
| A                   | B  | C   | D     | E     | F  | G     | H  | J  | K     | L     |
| 18                  | 24 | 3/8 | 5/8   | 3 1/2 | 3D | 2 1/2 | 3B | 2C | 2     | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8   | 3 5/8 | 5D | 2 1/4 | 5B | 3C | 2 1/4 | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8   | 6     | 7D | 5     | 7B | 4C | 4     | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 7 1/2 | 9D | 6     | 9B | 5C | 5     | 3     |

## COLORS

LEGEND - RED (REFL)  
BACKGROUND - WHITE (REFL)

# R8-7

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |     |      |    |
|--------------------------|-----|----|----|-----|------|-----|------|----|
| A                        | B   | C  | D  | E   | F    | G   | H    | J  |
| 750                      | 600 | 9  | 16 | 88  | 100C | 63  | 100D | 38 |
| 1200                     | 900 | 16 | 22 | 125 | 150C | 100 | 150D | 56 |

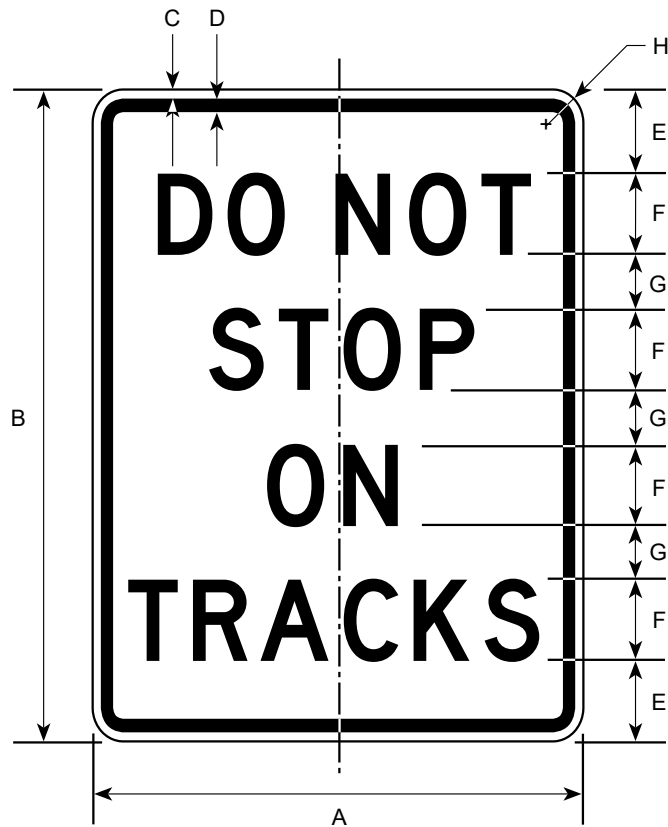
| DIMENSIONS (INCHES) |    |     |     |       |    |       |    |       |
|---------------------|----|-----|-----|-------|----|-------|----|-------|
| A                   | B  | C   | D   | E     | F  | G     | H  | J     |
| 30                  | 24 | 3/8 | 5/8 | 3 1/2 | 4C | 2 1/2 | 4D | 1 1/2 |
|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

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R8-8

6/00



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |    |
|--------------------------|------|----|----|-----|------|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H  |
| 600                      | 750  | 9  | 16 | 91  | 100D | 56  | 38 |
| 900                      | 1200 | 16 | 22 | 150 | 150D | 100 | 56 |
| 1200                     | 1500 | 19 | 31 | 181 | 200D | 113 | 75 |

| DIMENSIONS (INCHES) |    |     |       |       |    |       |       |
|---------------------|----|-----|-------|-------|----|-------|-------|
| A                   | B  | C   | D     | E     | F  | G     | H     |
| 24                  | 30 | 3/8 | 5/8   | 3 5/8 | 4D | 2 1/4 | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8   | 6     | 6D | 4     | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 7 1/4 | 8D | 4 1/2 | 3     |

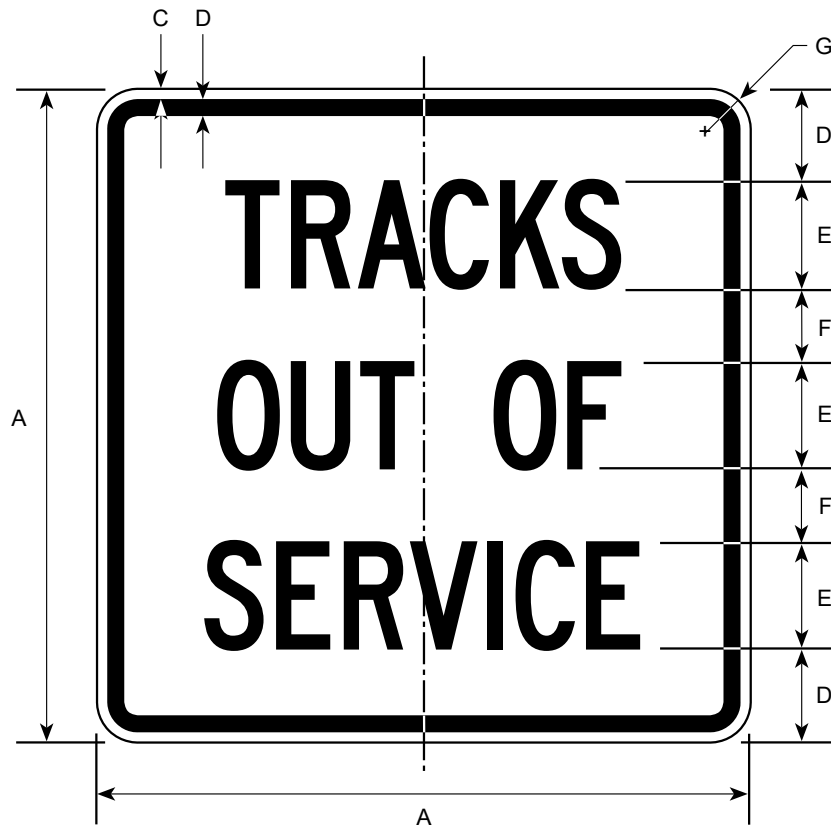
## COLORS

LEGEND - BLACK (REFL)  
BACKGROUND - WHITE (REFL)



# R8-9

11/97



| DIMENSIONS (MILLIMETERS) |    |    |     |      |     |    |
|--------------------------|----|----|-----|------|-----|----|
| A                        | B  | C  | D   | E    | F   | G  |
| 600                      | 9  | 16 | 88  | 100C | 63  | 38 |
| 900                      | 16 | 22 | 125 | 150C | 100 | 56 |
| 1200                     | 19 | 31 | 175 | 200C | 125 | 75 |

| DIMENSIONS (INCHES) |     |       |       |    |       |       |
|---------------------|-----|-------|-------|----|-------|-------|
| A                   | B   | C     | D     | E  | F     | G     |
| 24                  | 3/8 | 5/8   | 3 1/2 | 4C | 2 1/2 | 1 1/2 |
| 36                  | 5/8 | 7/8   | 5     | 6C | 4     | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7     | 8C | 5     | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R8-1201

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |      |      |    |    |
|--------------------------|-----|---|----|------|------|----|----|
| A                        | B   | C | D  | E    | F    | G  | H  |
| 450                      | 600 | 9 | 16 | 100C | 100B | 75 | 38 |

| DIMENSIONS (INCHES) |    |     |     |    |    |   |       |
|---------------------|----|-----|-----|----|----|---|-------|
| A                   | B  | C   | D   | E  | F  | G | H     |
| 18                  | 24 | 3/8 | 5/8 | 4C | 4B | 3 | 1 1/2 |

## COLORS

LEGEND - GREEN (REFL)  
BACKGROUND - WHITE (REFL)

# R9-1

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |    |      |    |     |     |    |    |
|--------------------------|-----|---|----|----|------|----|-----|-----|----|----|
| A                        | B   | C | D  | E  | F    | G  | H   | J   | K  | L  |
| 450                      | 600 | 9 | 16 | 75 | 100D | 63 | 75D | 50D | 50 | 38 |

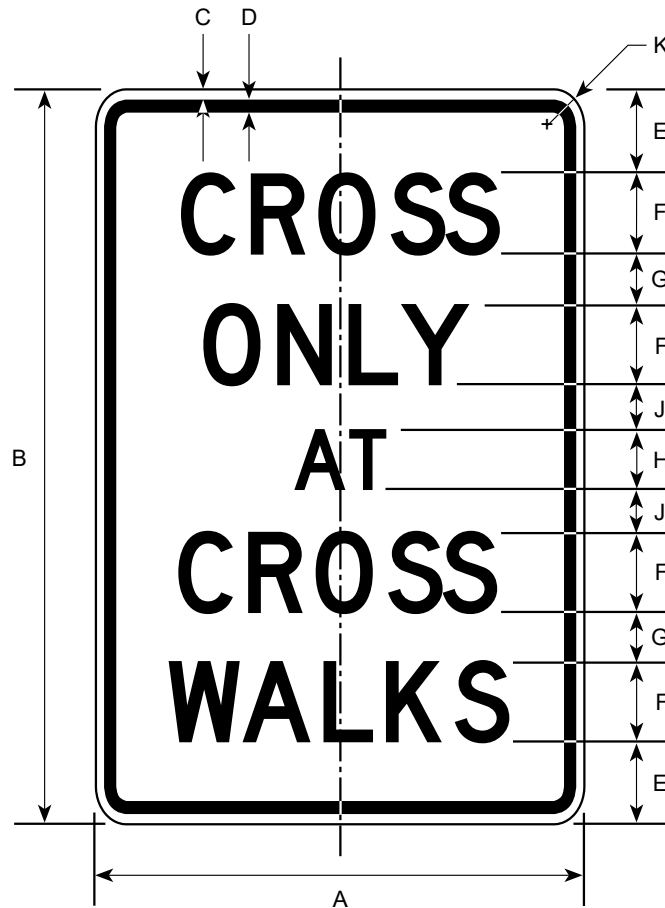
| DIMENSIONS (INCHES) |    |     |     |   |    |       |    |    |   |       |
|---------------------|----|-----|-----|---|----|-------|----|----|---|-------|
| A                   | B  | C   | D   | E | F  | G     | H  | J  | K | L     |
| 18                  | 24 | 3/8 | 5/8 | 3 | 4D | 2 1/2 | 3D | 2D | 2 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R9-2

11/97



| DIMENSIONS (MILLIMETERS) |     |   |   |    |     |    |     |    |    |
|--------------------------|-----|---|---|----|-----|----|-----|----|----|
| A                        | B   | C | D | E  | F   | G  | H   | J  | K  |
| 300                      | 450 | 9 | 9 | 50 | 50D | 31 | 38D | 25 | 38 |

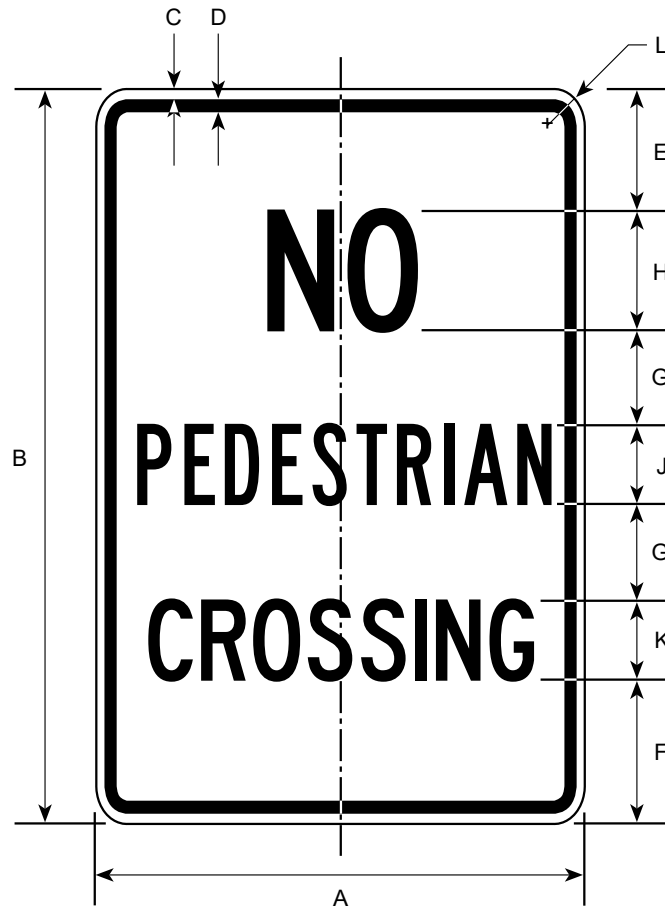
| DIMENSIONS (INCHES) |    |     |     |   |    |       |        |   |       |
|---------------------|----|-----|-----|---|----|-------|--------|---|-------|
| A                   | B  | C   | D   | E | F  | G     | H      | J | K     |
| 12                  | 18 | 3/8 | 3/8 | 2 | 2D | 1 1/4 | 1 1/2D | 1 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R9-3

11/97



| DIMENSIONS (MILLIMETERS) |     |   |   |    |    |    |     |     |     |    |
|--------------------------|-----|---|---|----|----|----|-----|-----|-----|----|
| A                        | B   | C | D | E  | F  | G  | H   | J   | K   | L  |
| 300                      | 450 | 9 | 9 | 75 | 88 | 56 | 75C | 50B | 50C | 38 |

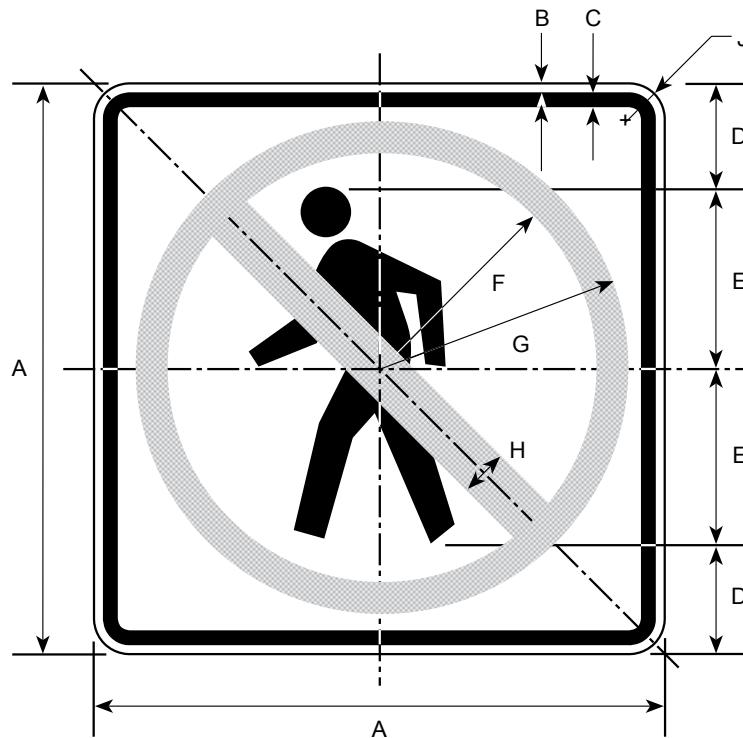
| DIMENSIONS (INCHES) |    |     |     |   |       |       |    |    |    |       |
|---------------------|----|-----|-----|---|-------|-------|----|----|----|-------|
| A                   | B  | C   | D   | E | F     | G     | H  | J  | K  | L     |
| 12                  | 18 | 3/8 | 3/8 | 3 | 3 1/2 | 2 1/4 | 3C | 2B | 2C | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R9-3A

11/94



\* See appendix for standard symbol details

| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |     |    |    |
|--------------------------|----|----|-----|-----|-----|-----|----|----|
| A                        | B  | C  | D   | E   | F   | G   | H  | J  |
| 450                      | 9  | 16 | 88  | 138 | 159 | 191 | 38 | 38 |
| 600                      | 9  | 16 | 113 | 188 | 213 | 263 | 50 | 50 |
| 750                      | 13 | 19 | 144 | 231 | 266 | 328 | 63 | 63 |

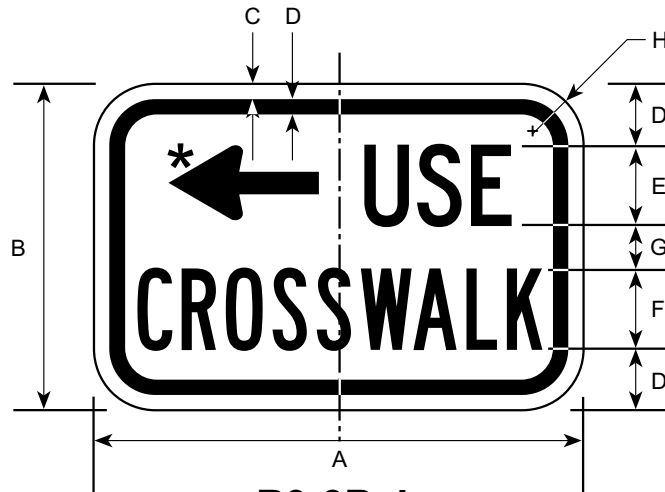
| DIMENSIONS (INCHES) |     |     |       |       |        |        |       |       |
|---------------------|-----|-----|-------|-------|--------|--------|-------|-------|
| A                   | B   | C   | D     | E     | F      | G      | H     | J     |
| 18                  | 3/8 | 5/8 | 3 1/2 | 5 1/2 | 6 3/8  | 7 5/8  | 1 1/2 | 1 1/2 |
| 24                  | 3/8 | 5/8 | 4 1/2 | 7 1/2 | 8 1/2  | 10 1/2 | 2     | 2     |
| 30                  | 1/2 | 3/4 | 5 3/4 | 9 1/4 | 10 5/8 | 13 1/8 | 2 1/2 | 2 1/2 |

## COLORS

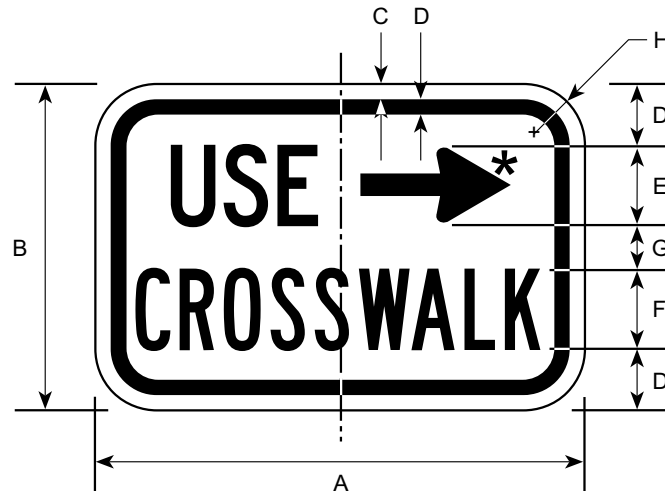
CIRCLE & DIAGONAL — RED (REFL)  
 SYMBOL & BORDER — BLACK (NON-REFL)  
 BACKGROUND — WHITE (REFL)

# R9-3B L/R

11/97



R9-3B L



R9-3B R

\* See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |     |   |    |     |     |    |    |
|--------------------------|-----|---|----|-----|-----|----|----|
| A                        | B   | C | D  | E   | F   | G  | H  |
| 450                      | 300 | 9 | 56 | 75C | 75B | 38 | 38 |

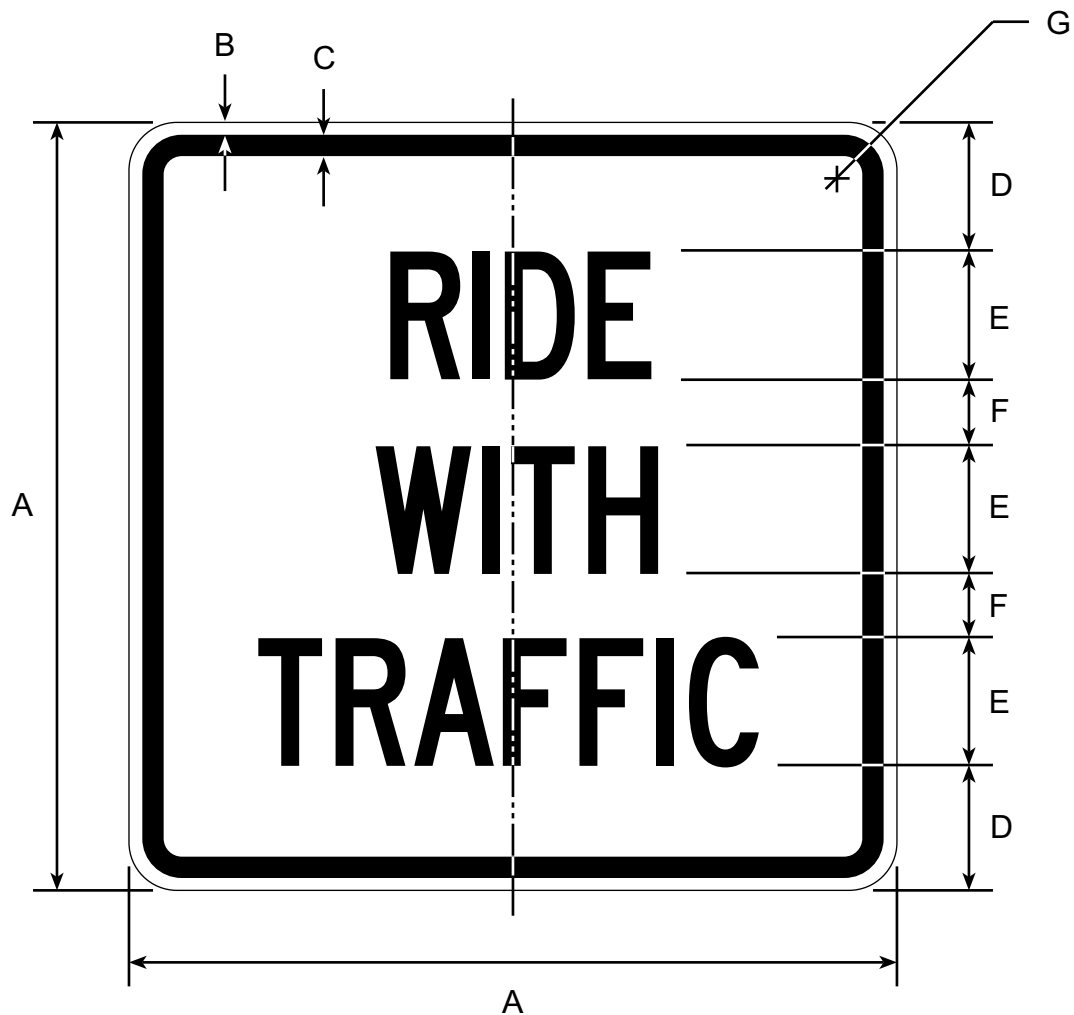
| DIMENSIONS (INCHES) |    |     |      |    |    |       |       |
|---------------------|----|-----|------|----|----|-------|-------|
| A                   | B  | C   | D    | E  | F  | G     | H     |
| 18                  | 12 | 3/8 | 2.25 | 3C | 3B | 1 1/2 | 1 1/2 |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — WHITE (REFL)

# R9-3C

3/06



| DIMENSIONS (MILLIMETERS) |   |    |    |     |    |    |
|--------------------------|---|----|----|-----|----|----|
| A                        | B | C  | D  | E   | F  | G  |
| 300                      | 9 | 11 | 50 | 50C | 25 | 38 |

| DIMENSIONS (INCHES) |     |      |   |    |   |       |
|---------------------|-----|------|---|----|---|-------|
| A                   | B   | C    | D | E  | F | G     |
| 12                  | 3/8 | 7/16 | 2 | 2C | 1 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)



# R9-4

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |    |      |    |      |    |
|--------------------------|-----|---|----|----|------|----|------|----|
| A                        | B   | C | D  | E  | F    | G  | H    | J  |
| 450                      | 600 | 9 | 16 | 75 | 150C | 50 | 100C | 38 |

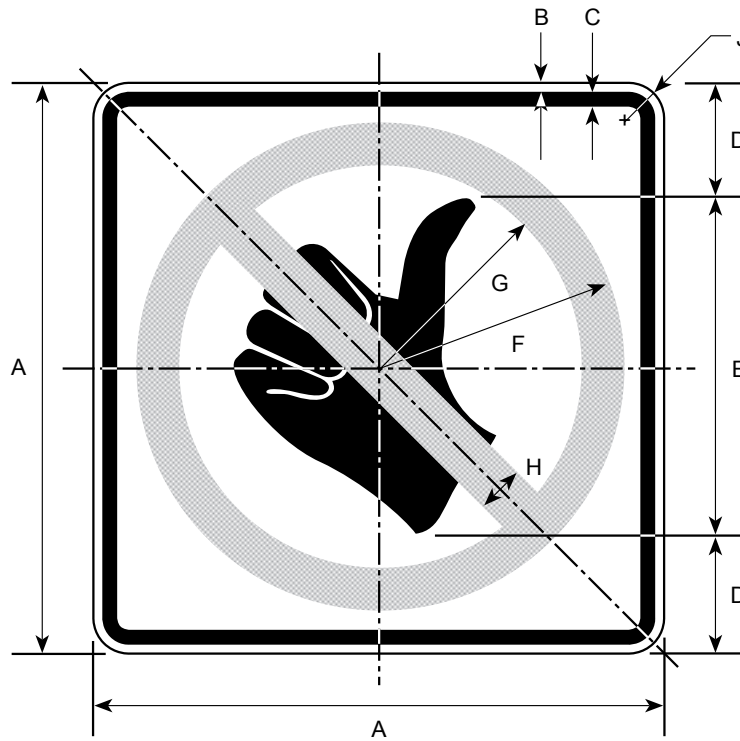
| DIMENSIONS (INCHES) |    |     |     |   |    |   |    |       |
|---------------------|----|-----|-----|---|----|---|----|-------|
| A                   | B  | C   | D   | E | F  | G | H  | J     |
| 18                  | 24 | 3/8 | 5/8 | 3 | 6C | 2 | 4C | 1 1/2 |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — WHITE (REFL)

# R9-4A

11/97



\* See appendix for standard symbol details

| DIMENSIONS (MILLIMETERS) |   |    |     |     |     |     |    |    |
|--------------------------|---|----|-----|-----|-----|-----|----|----|
| A                        | B | C  | D   | E   | F   | G   | H  | J  |
| 450                      | 9 | 16 | 94  | 263 | 191 | 159 | 38 | 38 |
| 600                      | 9 | 16 | 125 | 350 | 263 | 213 | 50 | 38 |

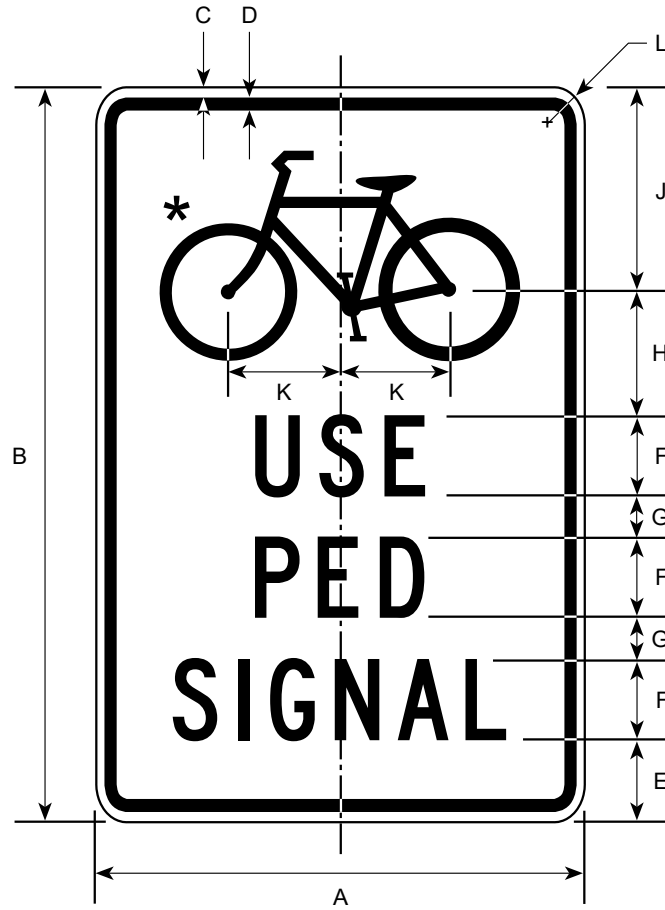
| DIMENSIONS (INCHES) |     |     |       |        |        |       |       |       |
|---------------------|-----|-----|-------|--------|--------|-------|-------|-------|
| A                   | B   | C   | D     | E      | F      | G     | H     | J     |
| 18                  | 3/8 | 5/8 | 3 3/4 | 10 1/2 | 7 5/8  | 6 3/8 | 1 1/2 | 1 1/2 |
| 24                  | 3/8 | 5/8 | 5     | 14     | 10 1/2 | 8 1/2 | 2     | 1 1/2 |

## COLORS

CIRCLE & DIAGONAL — RED (REFL)  
 SYMBOL & BORDER — BLACK (NON-REFL)  
 BACKGROUND — WHITE (REFL)

# R9-5

11/97



\* See appendix for standard symbol details

| DIMENSIONS (MILLIMETERS) |     |   |   |    |     |    |    |     |    |    |
|--------------------------|-----|---|---|----|-----|----|----|-----|----|----|
| A                        | B   | C | D | E  | F   | G  | H  | J   | K  | L  |
| 300                      | 450 | 9 | 9 | 50 | 50C | 25 | 75 | 125 | 69 | 38 |

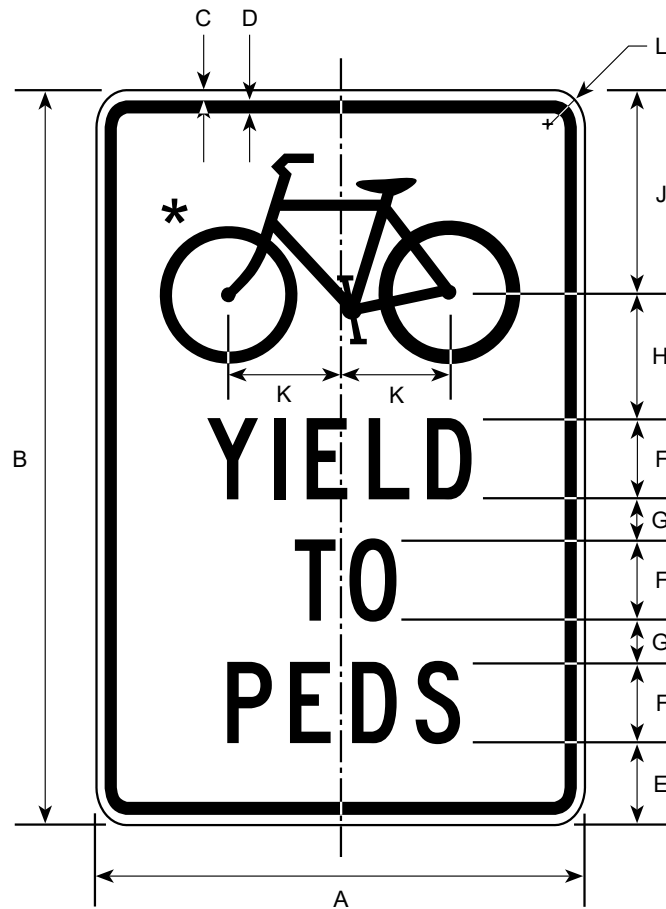
| DIMENSIONS (INCHES) |    |     |     |   |    |   |   |   |       |       |
|---------------------|----|-----|-----|---|----|---|---|---|-------|-------|
| A                   | B  | C   | D   | E | F  | G | H | J | K     | L     |
| 12                  | 18 | 3/8 | 3/8 | 2 | 2C | 1 | 3 | 5 | 2 3/4 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R9-6

11/97



\* See appendix for standard symbol details

| DIMENSIONS (MILLIMETERS) |     |   |   |    |     |    |    |     |    |    |
|--------------------------|-----|---|---|----|-----|----|----|-----|----|----|
| A                        | B   | C | D | E  | F   | G  | H  | J   | K  | L  |
| 300                      | 450 | 9 | 9 | 50 | 50C | 25 | 75 | 125 | 69 | 38 |

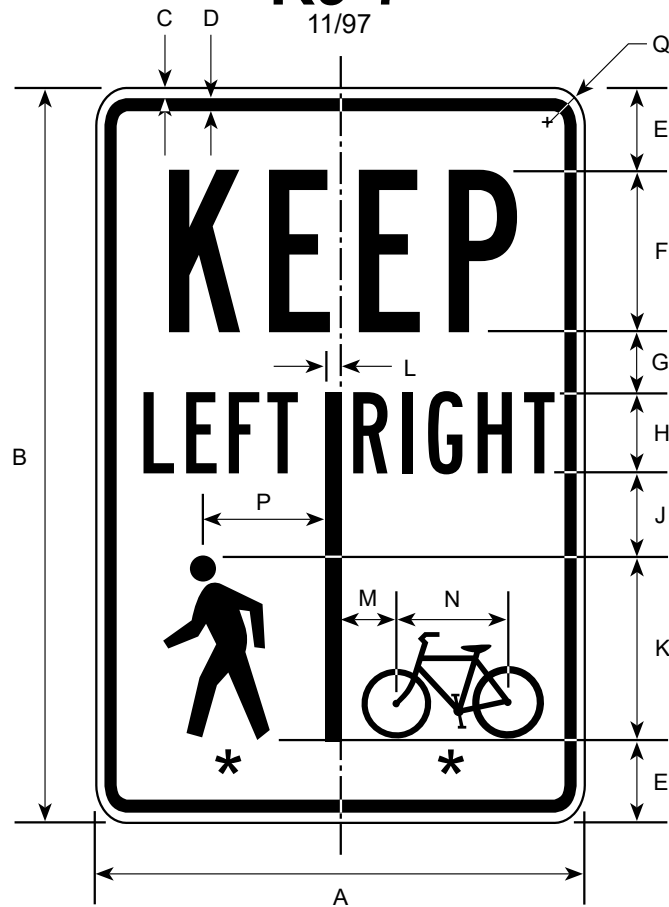
| DIMENSIONS (INCHES) |    |     |     |   |    |   |   |   |       |       |
|---------------------|----|-----|-----|---|----|---|---|---|-------|-------|
| A                   | B  | C   | D   | E | F  | G | H | J | K     | L     |
| 12                  | 18 | 3/8 | 3/8 | 2 | 2C | 1 | 3 | 5 | 2 3/4 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R9-7

11/97



\* See appendix for standard symbol details

| DIMENSIONS (MILLIMETERS) |     |   |    |    |      |    |     |
|--------------------------|-----|---|----|----|------|----|-----|
| A                        | B   | C | D  | E  | F    | G  | H   |
| 300                      | 450 | 9 | 9  | 50 | 100B | 38 | 50B |
| J                        | K   | L | M  | N  | P    | Q  |     |
| 50                       | 113 | 9 | 31 | 69 | 81   | 38 |     |

| DIMENSIONS (INCHES) |       |     |       |       |       |       |    |
|---------------------|-------|-----|-------|-------|-------|-------|----|
| A                   | B     | C   | D     | E     | F     | G     | H  |
| 12                  | 18    | 3/8 | 3/8   | 2     | 4B    | 1 1/2 | 2B |
| J                   | K     | L   | M     | N     | P     | Q     |    |
| 2                   | 4 1/2 | 3/8 | 1 1/4 | 2 3/4 | 3 1/4 | 1 1/2 |    |

## COLORS

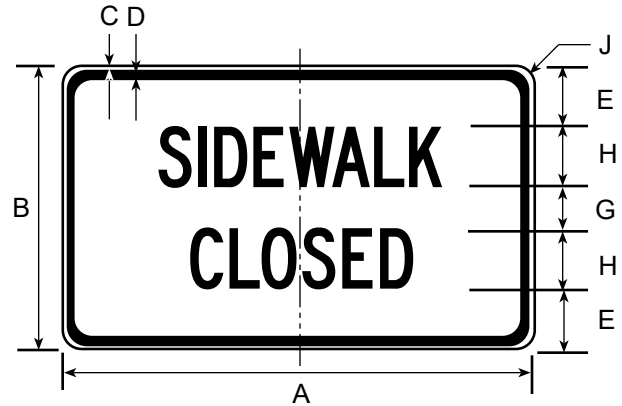
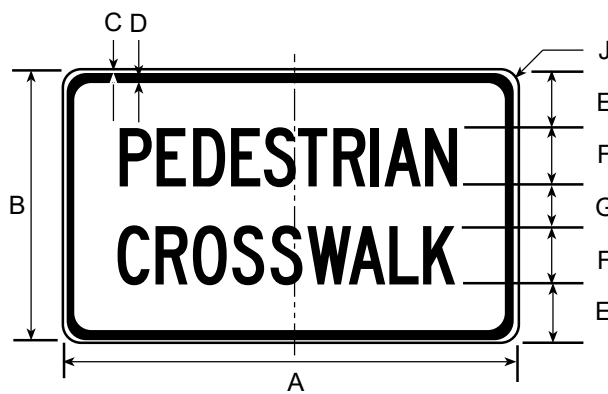
LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R9-8

6/03

# R9-9

6/03



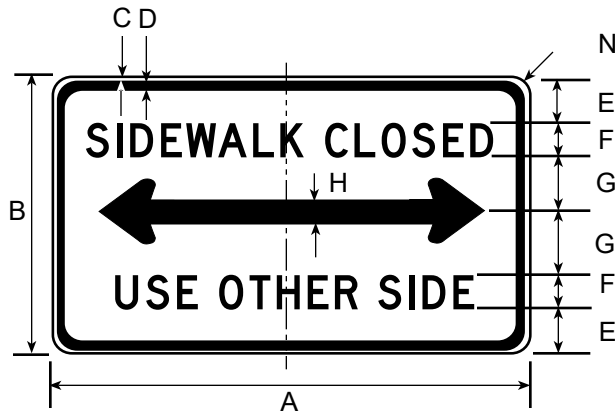
| DIMENSIONS (MILLIMETERS) |     |   |    |    |     |    |     |    |
|--------------------------|-----|---|----|----|-----|----|-----|----|
| A                        | B   | C | D  | E  | F   | G  | H   | J  |
| 600                      | 300 | 9 | 12 | 53 | 75C | 44 | 75D | 38 |

| DIMENSIONS (INCHES) |    |     |     |       |    |       |    |       |
|---------------------|----|-----|-----|-------|----|-------|----|-------|
| A                   | B  | C   | D   | E     | F  | G     | H  | J     |
| 24                  | 12 | 3/8 | 5/8 | 2 1/8 | 3C | 1 3/4 | 3D | 1 1/2 |

COLORS  
LEGEND - BLACK  
BACKGROUND - WHITE (REFL)

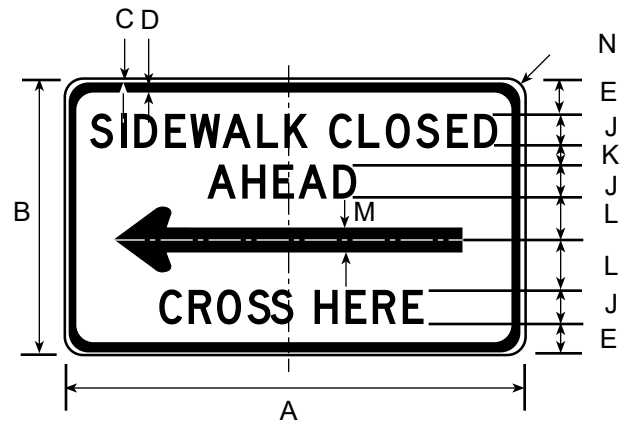
# R9-10

6/03



# R9-11

6/03



\*SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |     |   |    |    |     |    |
|--------------------------|-----|---|----|----|-----|----|
| A                        | B   | C | D  | E  | F   | G  |
| 600                      | 300 | 9 | 16 | 44 | 50C | 56 |

| H  | J   | K  | L  | M  | N  |
|----|-----|----|----|----|----|
| 41 | 38D | 19 | 41 | 17 | 38 |

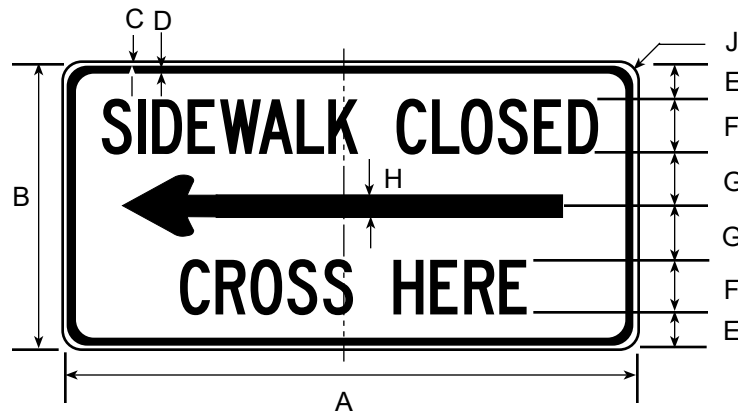
| DIMENSIONS (INCHES) |    |     |     |       |    |       |
|---------------------|----|-----|-----|-------|----|-------|
| A                   | B  | C   | D   | E     | F  | G     |
| 24                  | 12 | 3/8 | 5/8 | 1 3/4 | 2C | 2 1/4 |

| H     | J      | K   | L     | M      | N     |
|-------|--------|-----|-------|--------|-------|
| 1 5/8 | 1 1/2D | 3/4 | 1 5/8 | 1 1/16 | 1 1/2 |

COLORS  
LEGEND - BLACK  
BACKGROUND - WHITE (REFL)

# R9-11A

6/03



\*SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |     |   |    |    |     |    |    |    |
|--------------------------|-----|---|----|----|-----|----|----|----|
| A                        | B   | C | D  | E  | F   | G  | H  | J  |
| 600                      | 300 | 9 | 16 | 44 | 50C | 56 | 41 | 38 |

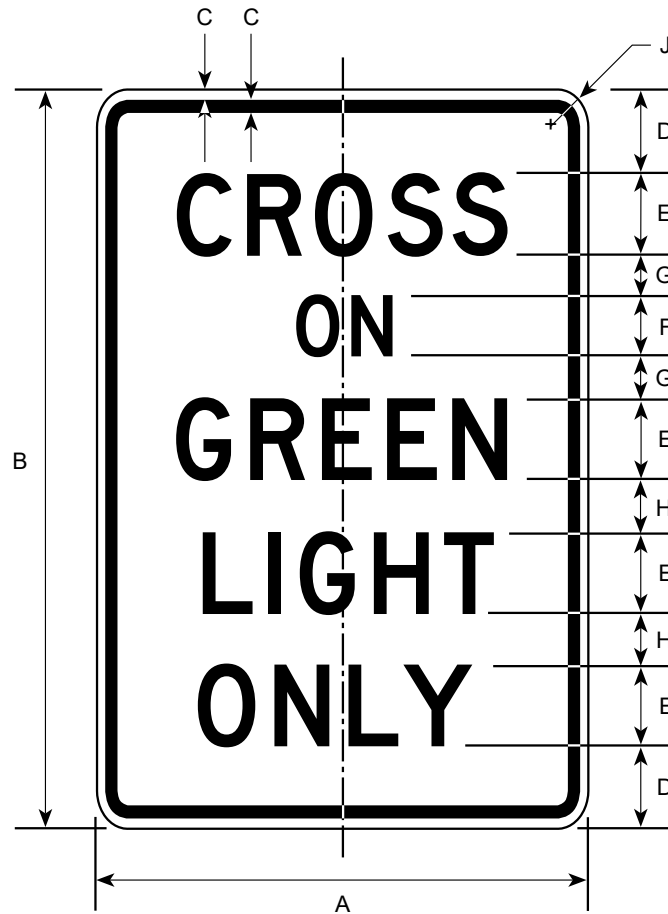
| DIMENSIONS (INCHES) |    |     |     |       |    |       |       |       |
|---------------------|----|-----|-----|-------|----|-------|-------|-------|
| A                   | B  | C   | D   | E     | F  | G     | H     | J     |
| 24                  | 12 | 3/8 | 5/8 | 1 3/4 | 2C | 2 1/4 | 1 5/8 | 1 1/2 |

COLORS  
LEGEND - BLACK  
BACKGROUND - WHITE (REFL)



# R10-1

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |     |     |    |    |    |
|--------------------------|-----|---|----|-----|-----|----|----|----|
| A                        | B   | C | D  | E   | F   | G  | H  | J  |
| 300                      | 450 | 9 | 50 | 50D | 38D | 25 | 31 | 38 |

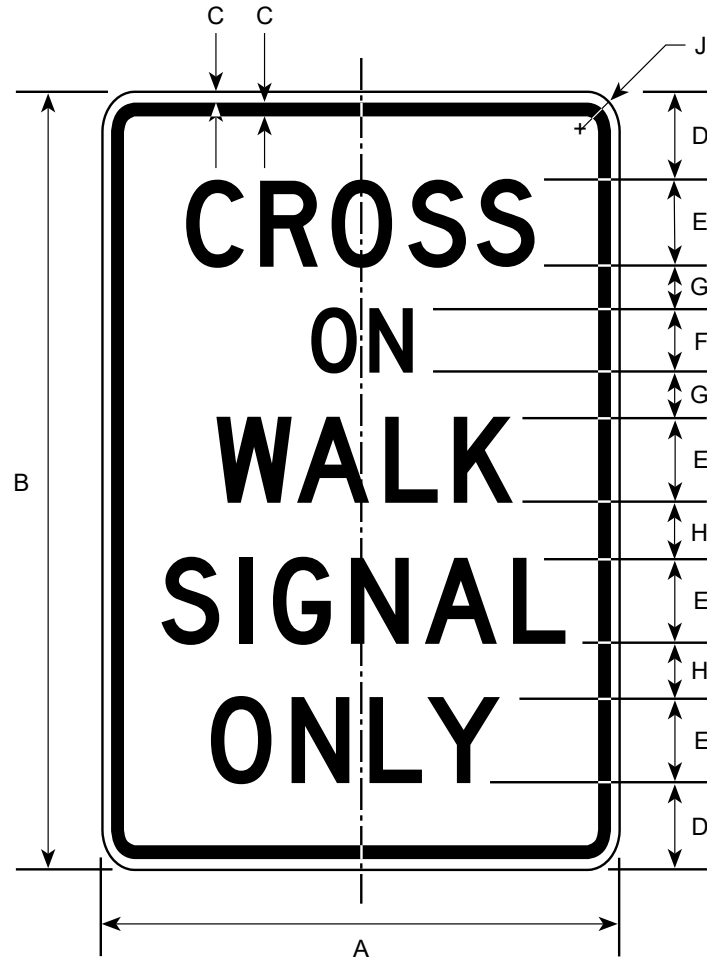
| DIMENSIONS (INCHES) |    |     |   |    |        |   |       |       |
|---------------------|----|-----|---|----|--------|---|-------|-------|
| A                   | B  | C   | D | E  | F      | G | H     | J     |
| 12                  | 18 | 3/8 | 2 | 2D | 1 1/2D | 1 | 1 1/4 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R10-2

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |     |     |    |    |    |
|--------------------------|-----|---|----|-----|-----|----|----|----|
| A                        | B   | C | D  | E   | F   | G  | H  | J  |
| 300                      | 450 | 9 | 50 | 50D | 38D | 25 | 31 | 38 |

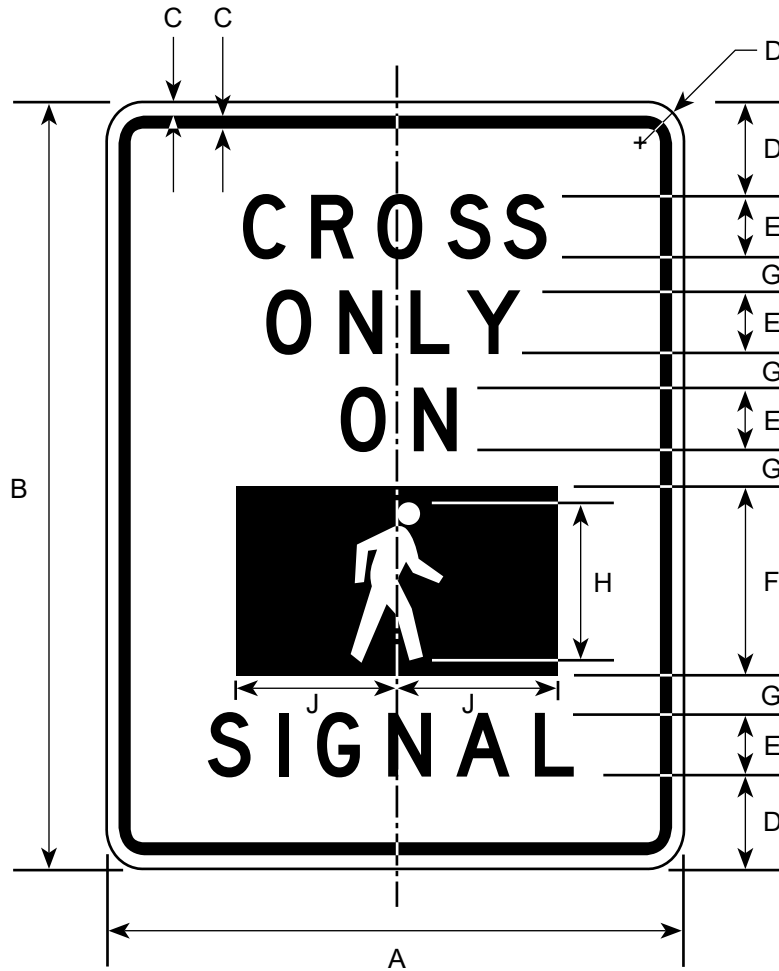
| DIMENSIONS (INCHES) |    |     |   |    |        |   |       |       |
|---------------------|----|-----|---|----|--------|---|-------|-------|
| A                   | B  | C   | D | E  | F      | G | H     | J     |
| 12                  | 18 | 3/8 | 2 | 2D | 1 1/2D | 1 | 1 1/4 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R10-2A

11/97



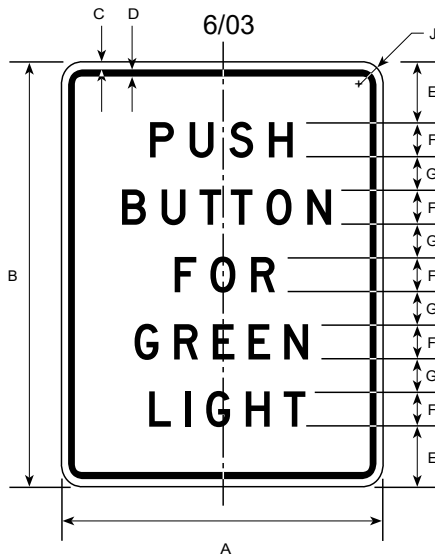
| DIMENSIONS (MILLIMETERS) |     |   |    |     |    |    |    |    |
|--------------------------|-----|---|----|-----|----|----|----|----|
| A                        | B   | C | D  | E   | F  | G  | H  | J  |
| 225                      | 300 | 9 | 38 | 25D | 75 | 13 | 63 | 50 |

| DIMENSIONS (INCHES) |    |     |       |    |   |     |       |   |
|---------------------|----|-----|-------|----|---|-----|-------|---|
| A                   | B  | C   | D     | E  | F | G   | H     | J |
| 9                   | 12 | 3/8 | 1 1/2 | 1D | 3 | 1/2 | 2 1/2 | 2 |

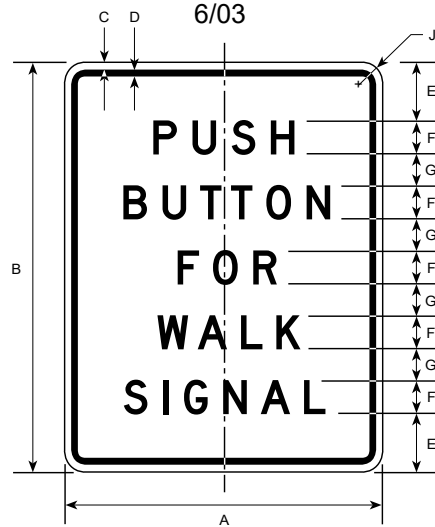
## COLORS

LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)  
 SYMBOL - WHITE (REFL)

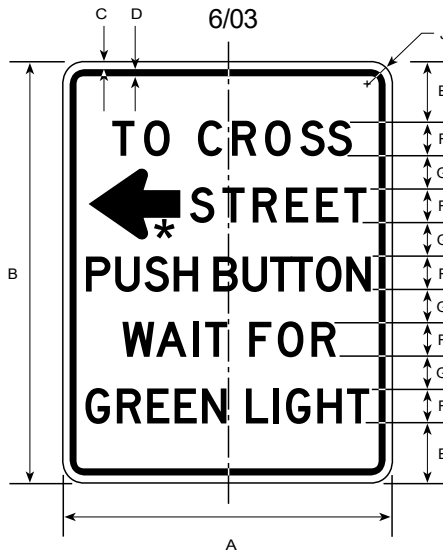
## R10-3



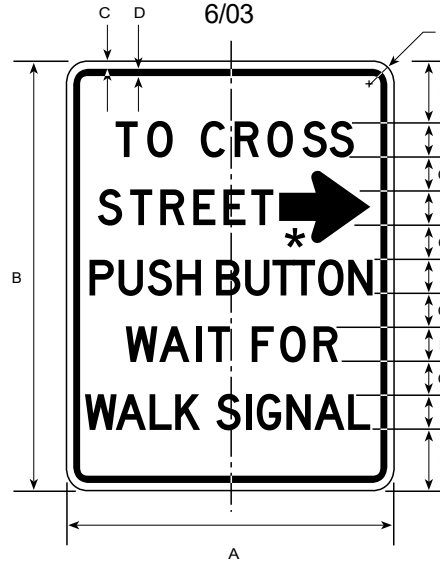
## R10-4



## R10-3A



## R10-4A



\*SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |     |   |   |    |     |    |     |    |
|--------------------------|-----|---|---|----|-----|----|-----|----|
| A                        | B   | C | D | E  | F   | G  | H   | J  |
| 225                      | 300 | 9 | 9 | 38 | 25D | 25 | 25C | 38 |

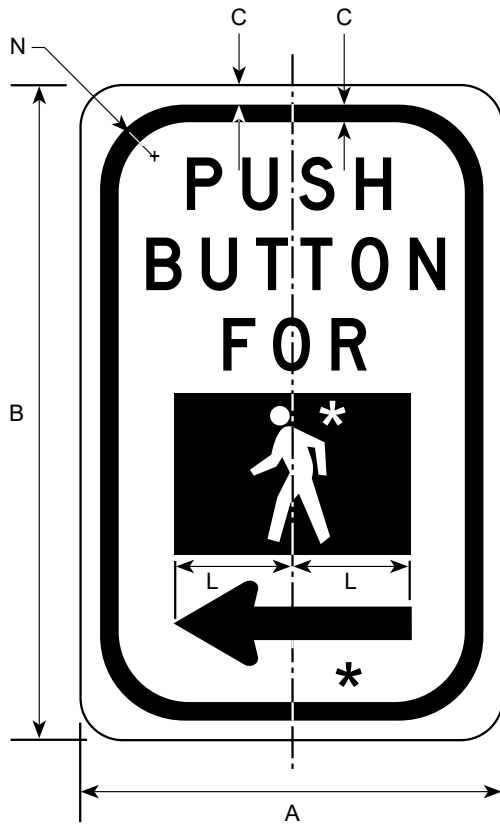
| DIMENSIONS (INCHES) |    |     |     |       |    |   |    |       |
|---------------------|----|-----|-----|-------|----|---|----|-------|
| A                   | B  | C   | D   | E     | F  | G | H  | J     |
| 9                   | 12 | 3/8 | 3/8 | 1 1/2 | 1D | 1 | 1C | 1 1/2 |

### COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

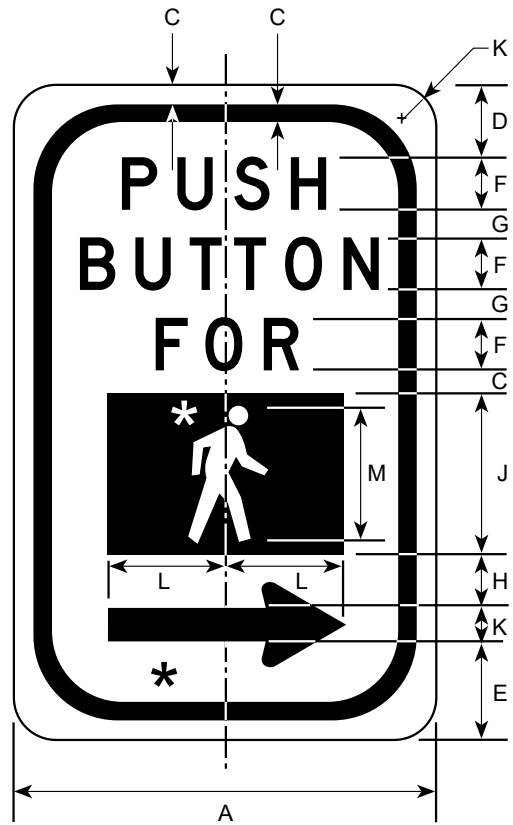
## R10-4001

11/97



## R10-4002

11/97



- ✱ See appendix for standard symbol details.  
 ✱ See appendix for standard arrow details.

| DIMENSIONS (MILLIMETERS) |     |   |    |    |     |   |    |    |    |    |    |    |
|--------------------------|-----|---|----|----|-----|---|----|----|----|----|----|----|
| A                        | B   | C | D  | E  | F   | G | H  | J  | K  | L  | M  | N  |
| 125                      | 194 | 6 | 22 | 28 | 16D | 8 | 16 | 47 | 13 | 31 | 25 | 38 |

| DIMENSIONS (INCHES) |       |     |     |       |      |      |     |       |     |       |       |   |
|---------------------|-------|-----|-----|-------|------|------|-----|-------|-----|-------|-------|---|
| A                   | B     | C   | D   | E     | F    | G    | H   | J     | K   | L     | M     | N |
| 5                   | 7 3/4 | 1/4 | 7/8 | 1 1/8 | 5/8D | 5/16 | 5/8 | 1 7/8 | 1/2 | 1 1/4 | 1 1/2 | 1 |

### COLORS

LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)  
 SYMBOL - WHITE (REFL)

# R10-5

11/97



DIMENSIONS (MILLIMETERS)

| A   | B   | C  | D  | E   | F    | G  | H    | J  |
|-----|-----|----|----|-----|------|----|------|----|
| 450 | 600 | 9  | 16 | 75  | 75C  | 50 | 75D  | 38 |
| 600 | 750 | 9  | 16 | 81  | 100C | 63 | 100D | 38 |
| 750 | 900 | 13 | 19 | 106 | 125C | 63 | 125D | 47 |

DIMENSIONS (INCHES)

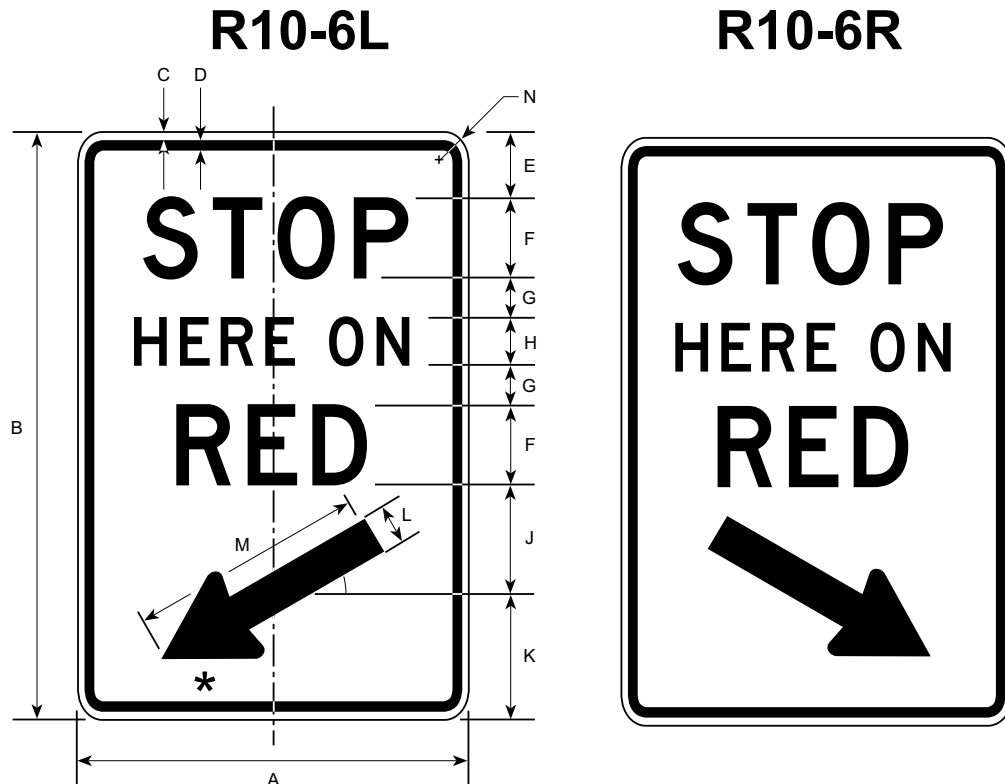
| A  | B  | C   | D   | E     | F  | G     | H  | J     |
|----|----|-----|-----|-------|----|-------|----|-------|
| 18 | 24 | 3/8 | 5/8 | 3     | 3C | 2     | 3D | 1 1/2 |
| 24 | 30 | 3/8 | 5/8 | 3 1/4 | 4C | 2 1/2 | 4D | 1 1/2 |
| 30 | 36 | 1/2 | 3/4 | 4 1/4 | 5C | 2 1/2 | 5D | 1 7/8 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R10-6L & R10-6R

11/97



\* See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |     |   |    |     |      |    |     |     |     |    |     |    |
|--------------------------|-----|---|----|-----|------|----|-----|-----|-----|----|-----|----|
| A                        | B   | C | D  | E   | F    | G  | H   | J   | K   | L  | M   | N  |
| 600                      | 900 | 9 | 16 | 100 | 125D | 63 | 75D | 163 | 188 | 66 | 366 | 38 |

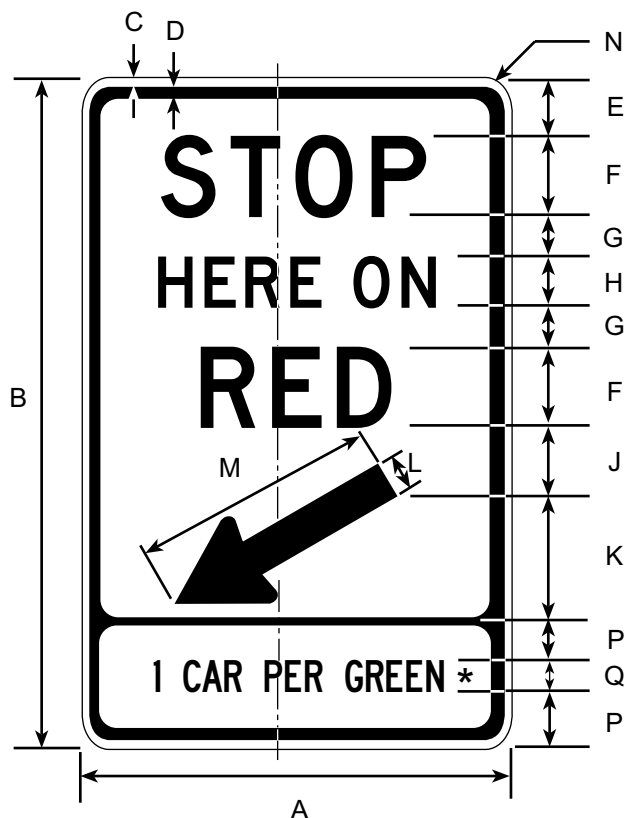
| DIMENSIONS (INCHES) |    |     |     |   |    |       |    |       |       |       |        |       |
|---------------------|----|-----|-----|---|----|-------|----|-------|-------|-------|--------|-------|
| A                   | B  | C   | D   | E | F  | G     | H  | J     | K     | L     | M      | N     |
| 24                  | 36 | 3/8 | 5/8 | 4 | 5D | 2 1/2 | 3D | 6 1/2 | 7 1/2 | 2 5/8 | 14 5/8 | 1 1/2 |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — WHITE (REFL)

# R10-601L

3/06



## R10-601R



\* - REDUCED SPACING

| DIMENSIONS (MILLIMETERS) |      |    |     |     |      |     |     |
|--------------------------|------|----|-----|-----|------|-----|-----|
| A                        | B    | C  | D   | E   | F    | G   | H   |
| 600                      | 1050 | 9  | 16  | 100 | 125D | 63  | 75D |
| J                        | K    | L  | M   | N   | P    | Q   |     |
| 113                      | 238  | 66 | 366 | 38  | 50   | 50C |     |

| DIMENSIONS (INCHES) |       |       |        |       |    |       |    |
|---------------------|-------|-------|--------|-------|----|-------|----|
| A                   | B     | C     | D      | E     | F  | G     | H  |
| 24                  | 42    | 3/8   | 5/8    | 4     | 5D | 2 1/2 | 3D |
| J                   | K     | L     | M      | N     | P  | Q     |    |
| 4 1/2               | 9 1/2 | 2 5/8 | 14 5/8 | 1 1/2 | 2  | 2C    |    |

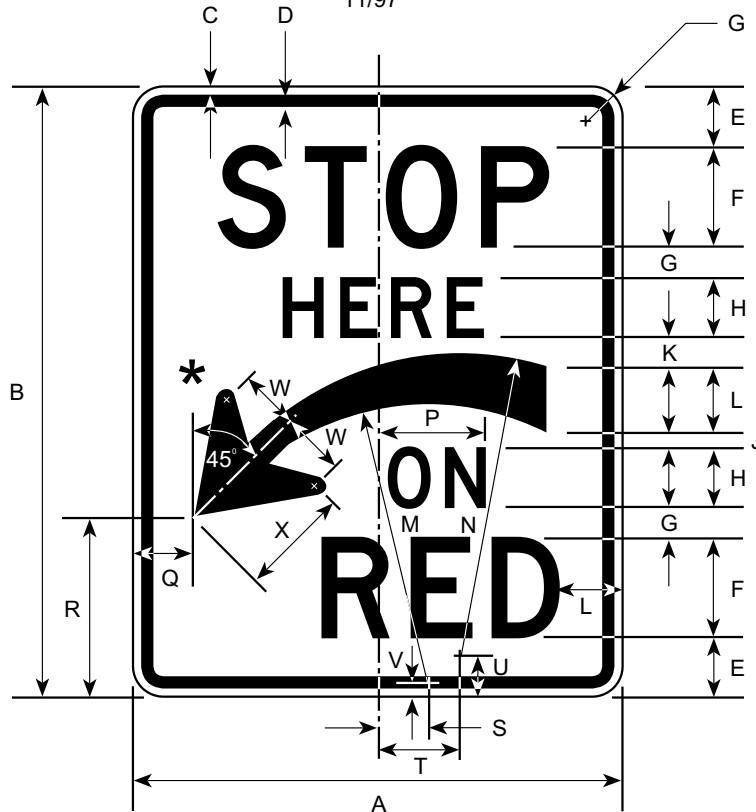
## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — WHITE (REFL)



# R10-6A

11/97



★ See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |     |     |    |     |      |     |     |    |    |     |
|--------------------------|-----|-----|----|-----|------|-----|-----|----|----|-----|
| A                        | B   | C   | D  | E   | F    | G   | H   | J  | K  | L   |
| 600                      | 750 | 9   | 16 | 75  | 125D | 38  | 75D | 13 | 31 | 81  |
| M                        | N   | P   | Q  | R   | S    | T   | U   | V  | W  | X   |
| 328                      | 361 | 131 | 66 | 213 | 63   | 100 | 75D | 19 | 80 | 134 |

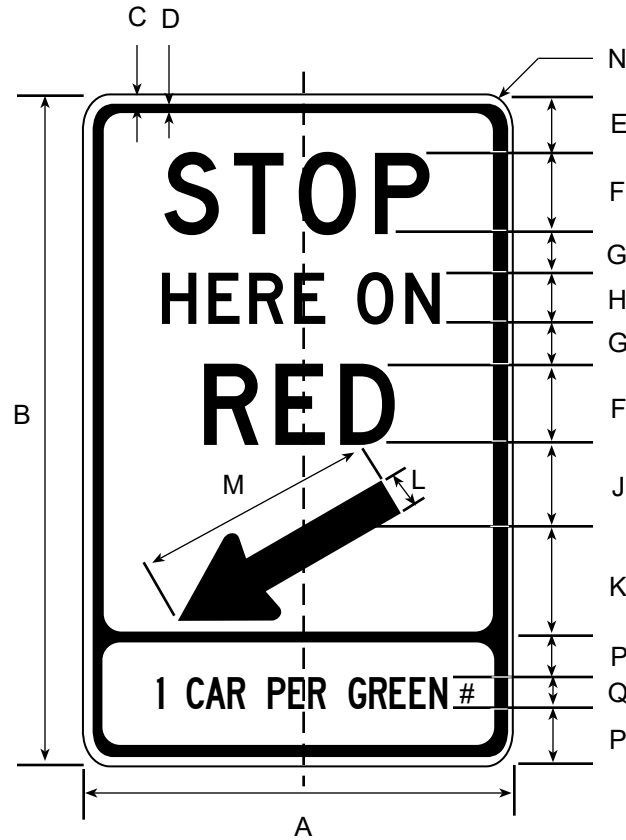
| DIMENSIONS (INCHES) |         |       |       |       |       |       |    |     |        |       |
|---------------------|---------|-------|-------|-------|-------|-------|----|-----|--------|-------|
| A                   | B       | C     | D     | E     | F     | G     | H  | J   | K      | L     |
| 24                  | 30      | 3/8   | 5/8   | 3     | 5D    | 1 1/2 | 3D | 1/2 | 1 1/4  | 3 1/4 |
| M                   | N       | P     | Q     | R     | S     | T     | U  | V   | W      | X     |
| 13 1/8              | 14 7/16 | 5 1/4 | 2 5/8 | 8 1/2 | 2 1/2 | 4     | 3D | 3/4 | 3 3/16 | 5 3/8 |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — WHITE (REFL)

# R10-601

5/03



# - REDUCED SPACING

| DIMENSIONS (MILLIMETERS) |      |    |     |     |      |     |     |
|--------------------------|------|----|-----|-----|------|-----|-----|
| A                        | B    | C  | D   | E   | F    | G   | H   |
| 600                      | 1050 | 9  | 16  | 100 | 125D | 63  | 75D |
| J                        | K    | L  | M   | N   | P    | Q   |     |
| 163                      | 188  | 66 | 366 | 38  | 50   | 50C |     |

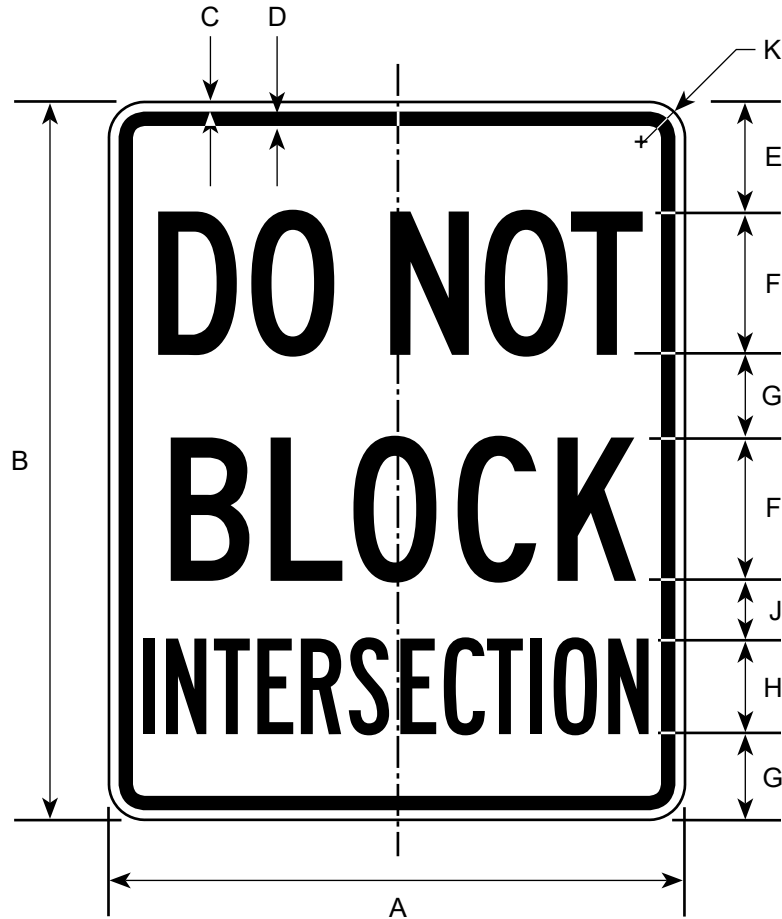
| DIMENSIONS (INCHES) |       |       |        |       |    |       |    |
|---------------------|-------|-------|--------|-------|----|-------|----|
| A                   | B     | C     | D      | E     | F  | G     | H  |
| 24                  | 42    | 3/8   | 5/8    | 4     | 5D | 2 1/2 | 3D |
| J                   | K     | L     | M      | N     | P  | Q     |    |
| 6 1/2               | 7 1/2 | 2 5/8 | 14 5/8 | 1 1/2 | 2  | 2C    |    |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R10-7

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |     |      |    |      |    |    |
|--------------------------|-----|---|----|-----|------|----|------|----|----|
| A                        | B   | C | D  | E   | F    | G  | H    | J  | K  |
| 600                      | 750 | 9 | 16 | 113 | 150C | 88 | 100B | 63 | 38 |

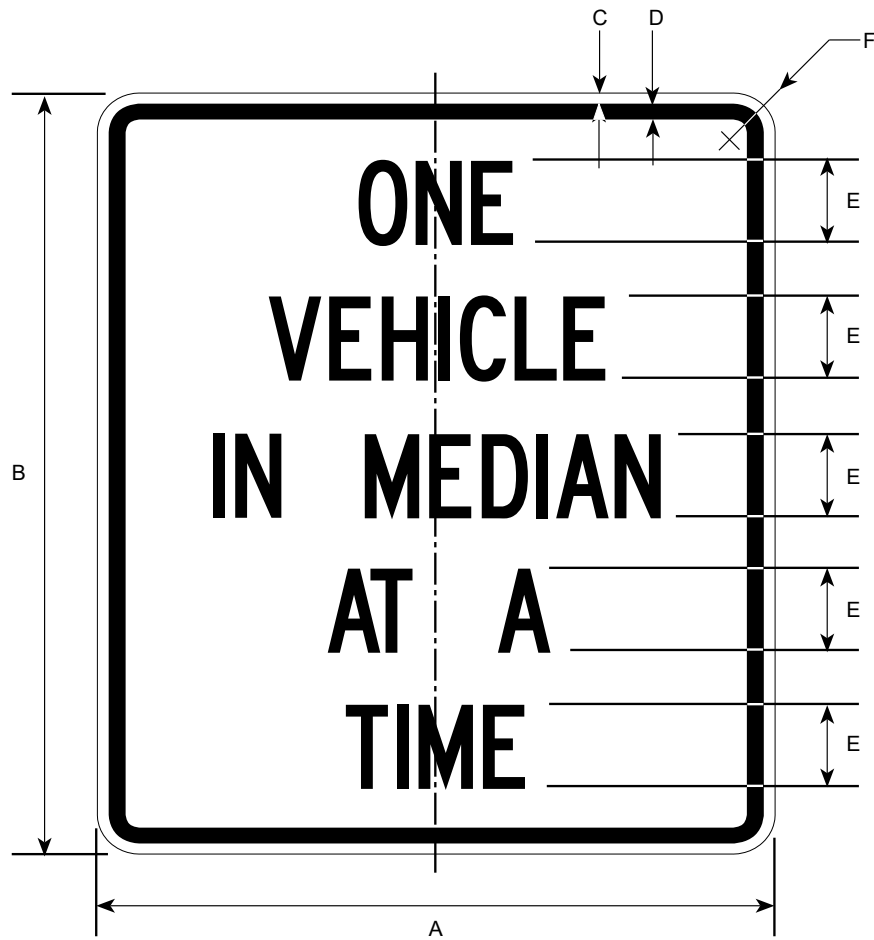
| DIMENSIONS (INCHES) |    |     |     |       |    |       |    |       |       |
|---------------------|----|-----|-----|-------|----|-------|----|-------|-------|
| A                   | B  | C   | D   | E     | F  | G     | H  | J     | K     |
| 24                  | 30 | 3/8 | 5/8 | 4 1/2 | 6C | 3 1/2 | 4B | 2 1/2 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R10-701

12/98



| DIMENSIONS (MILLIMETERS) |      |    |    |      |    |
|--------------------------|------|----|----|------|----|
| A                        | B    | C  | D  | E    | F  |
| 600                      | 750  | 9  | 16 | 75C  | 38 |
| 900                      | 1200 | 16 | 22 | 150C | 56 |

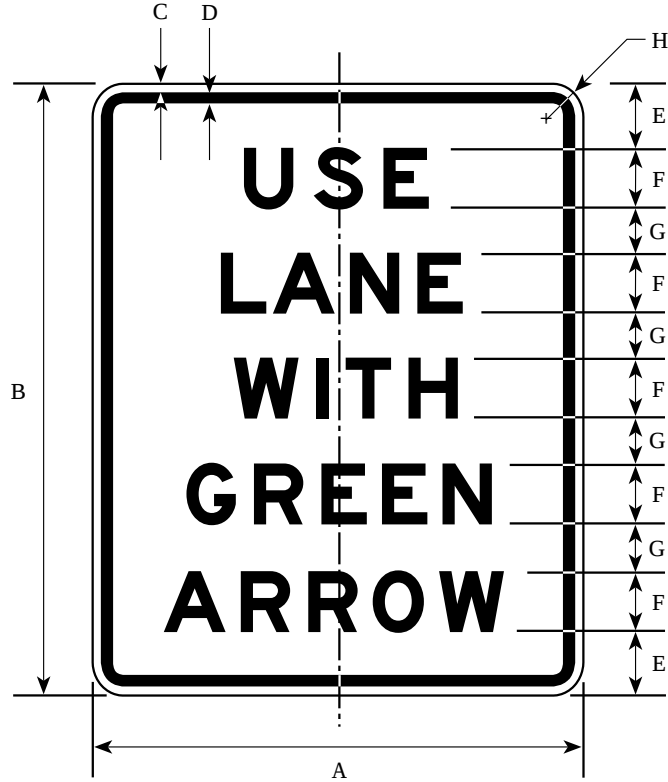
| DIMENSIONS (INCHES) |    |     |     |    |       |
|---------------------|----|-----|-----|----|-------|
| A                   | B  | C   | D   | E  | F     |
| 24                  | 30 | 3/8 | 5/8 | 3C | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8 | 6C | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R10-8

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |    |      |    |    |
|--------------------------|-----|----|----|----|------|----|----|
| A                        | B   | C  | D  | E  | F    | G  | H  |
| 450                      | 600 | 9  | 16 | 75 | 50E  | 50 | 38 |
| 600                      | 750 | 9  | 16 | 75 | 75E  | 56 | 38 |
| 750                      | 900 | 13 | 19 | 75 | 100E | 63 | 47 |

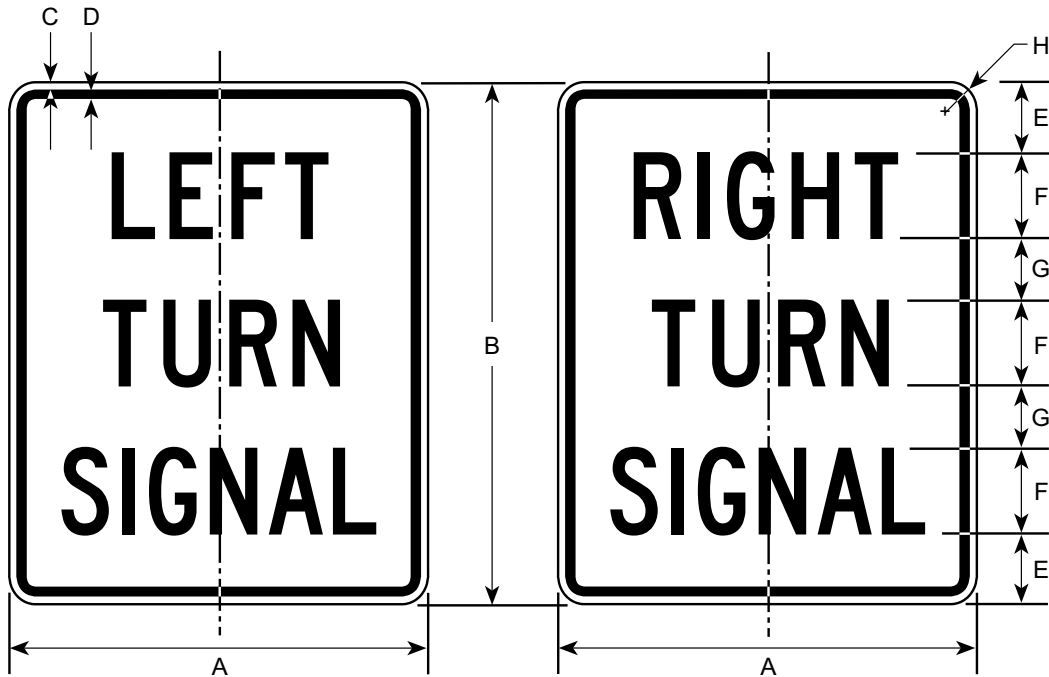
| DIMENSIONS (INCHES) |    |     |     |   |    |       |       |
|---------------------|----|-----|-----|---|----|-------|-------|
| A                   | B  | C   | D   | E | F  | G     | H     |
| 18                  | 24 | 3/8 | 5/8 | 3 | 2E | 2     | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8 | 3 | 3E | 2 1/4 | 1 1/2 |
| 30                  | 36 | 1/2 | 3/4 | 3 | 4E | 2 1/2 | 1 7/8 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R10-10 L / R

11/97



**R10-10 L**

**R10-10 R**

| DIMENSIONS (MILLIMETERS) |     |   |    |     |      |    |    |
|--------------------------|-----|---|----|-----|------|----|----|
| A                        | B   | C | D  | E   | F    | G  | H  |
| 600                      | 750 | 9 | 16 | 100 | 125C | 88 | 38 |

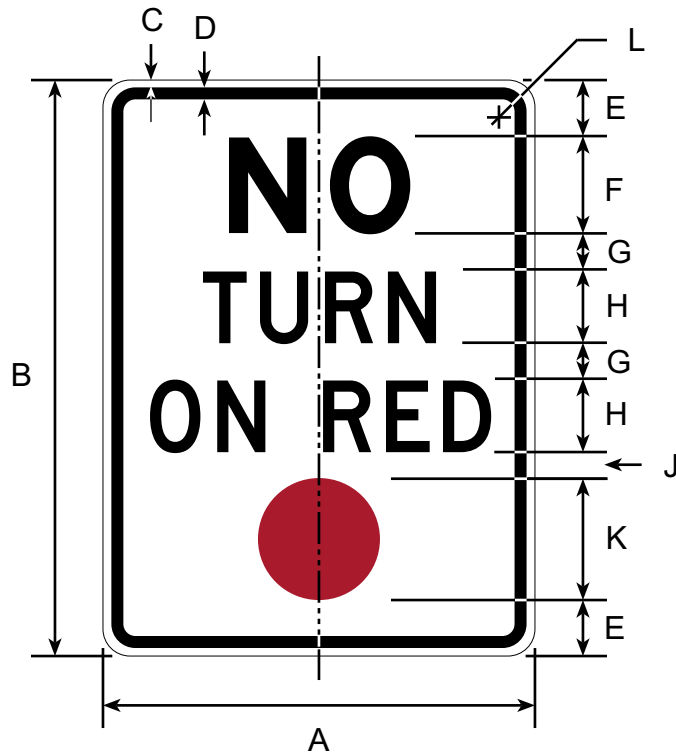
| DIMENSIONS (INCHES) |    |     |     |   |    |       |       |
|---------------------|----|-----|-----|---|----|-------|-------|
| A                   | B  | C   | D   | E | F  | G     | H     |
| 24                  | 30 | 3/8 | 5/8 | 4 | 5C | 3 1/2 | 1 1/2 |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — WHITE (REFL)

# R10-11

3/06



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |    |      |    |     |    |
|--------------------------|------|----|----|-----|------|----|------|----|-----|----|
| A                        | B    | C  | D  | E   | F    | G  | H    | J  | K   | L  |
| 450                      | 600  | 9  | 16 | 60  | 100E | 44 | 75D  | 19 | 125 | 38 |
| 600                      | 750  | 9  | 16 | 75  | 125E | 50 | 100D | 25 | 150 | 38 |
| 900                      | 1200 | 16 | 22 | 106 | 200E | 88 | 150D | 38 | 250 | 56 |

| DIMENSIONS (INCHES) |    |     |     |       |    |       |    |       |    |       |
|---------------------|----|-----|-----|-------|----|-------|----|-------|----|-------|
| A                   | B  | C   | D   | E     | F  | G     | H  | J     | K  | L     |
| 18                  | 24 | 3/8 | 5/8 | 2 3/8 | 4E | 1 3/4 | 3D | 3/4   | 5  | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8 | 3     | 5E | 2     | 4D | 1     | 6  | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8 | 4 1/4 | 8E | 3 1/2 | 6D | 1 1/2 | 10 | 2 1/4 |

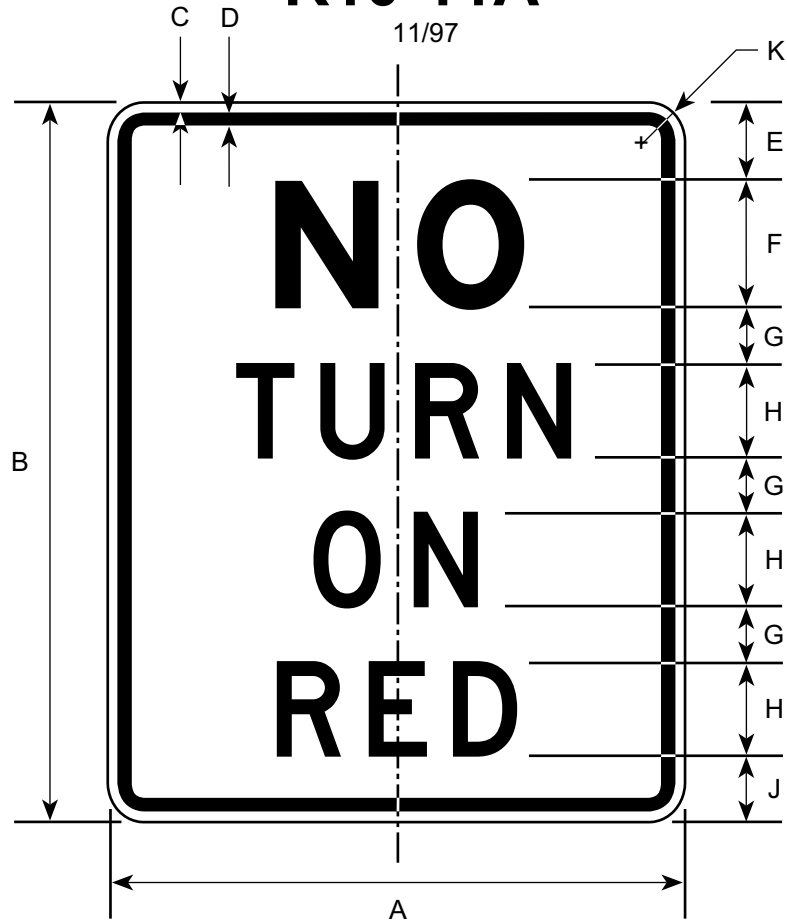
## COLORS

LEGEND - BLACK (NON-REFL)

SYMBOL - RED (REFL)

BACKGROUND - WHITE (REFL)

# R10-11A



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |    |      |     |    |
|--------------------------|------|----|----|-----|------|----|------|-----|----|
| A                        | B    | C  | D  | E   | F    | G  | H    | J   | K  |
| 450                      | 600  | 9  | 16 | 75  | 100E | 44 | 75D  | 69  | 38 |
| 600                      | 750  | 9  | 16 | 81  | 125E | 56 | 100D | 75  | 38 |
| 900                      | 1200 | 16 | 22 | 150 | 200E | 88 | 150D | 138 | 56 |

| DIMENSIONS (INCHES) |    |     |     |       |    |       |    |       |       |
|---------------------|----|-----|-----|-------|----|-------|----|-------|-------|
| A                   | B  | C   | D   | E     | F  | G     | H  | J     | K     |
| 18                  | 24 | 3/8 | 5/8 | 3     | 4E | 1 3/4 | 3D | 2 3/4 | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8 | 3 1/4 | 5E | 2 1/4 | 4D | 3     | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8 | 6     | 8E | 3 1/2 | 6D | 5 1/2 | 2 1/4 |

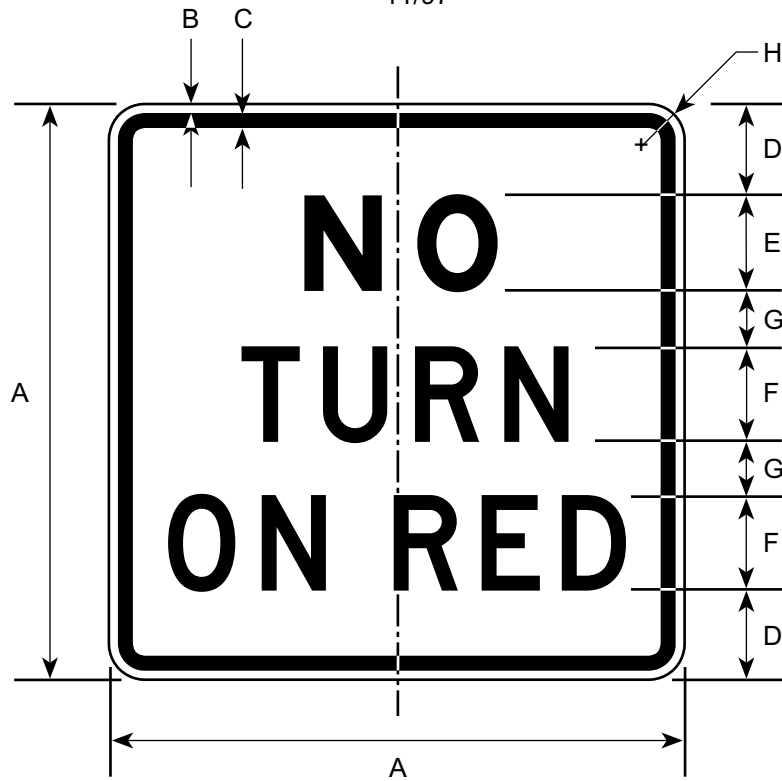
## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — WHITE (REFL)



# R10-11B

11/97



| DIMENSIONS (MILLIMETERS) |    |    |     |      |      |    |    |
|--------------------------|----|----|-----|------|------|----|----|
| A                        | B  | C  | D   | E    | F    | G  | H  |
| 450                      | 9  | 16 | 69  | 75E  | 75D  | 44 | 38 |
| 600                      | 9  | 16 | 88  | 100E | 100D | 63 | 38 |
| 750                      | 13 | 19 | 113 | 125E | 125D | 75 | 47 |

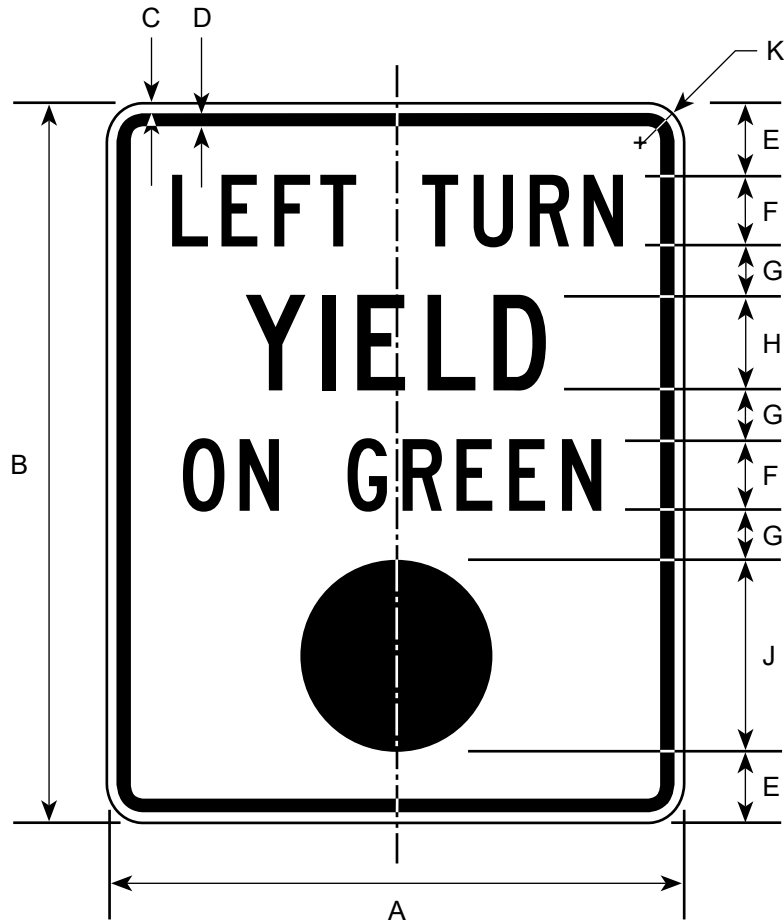
| DIMENSIONS (INCHES) |     |     |       |    |    |       |       |
|---------------------|-----|-----|-------|----|----|-------|-------|
| A                   | B   | C   | D     | E  | F  | G     | H     |
| 18                  | 3/8 | 5/8 | 2 3/4 | 3E | 3D | 1 3/4 | 1 1/2 |
| 24                  | 3/8 | 5/8 | 3 1/2 | 4E | 4D | 2 1/2 | 1 1/2 |
| 30                  | 1/2 | 3/4 | 4 1/2 | 5E | 5D | 3     | 1 7/8 |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — WHITE (REFL)

# R10-12

6/00



DIMENSIONS (MILLIMETERS)

| A   | B   | C  | D  | E  | F    | G    | H    | J   | K  |
|-----|-----|----|----|----|------|------|------|-----|----|
| 600 | 750 | 9  | 16 | 75 | 75C  | 50   | 100C | 200 | 38 |
| 750 | 900 | 13 | 19 | 81 | 100C | 62.5 | 125C | 225 | 50 |

DIMENSIONS (INCHES)

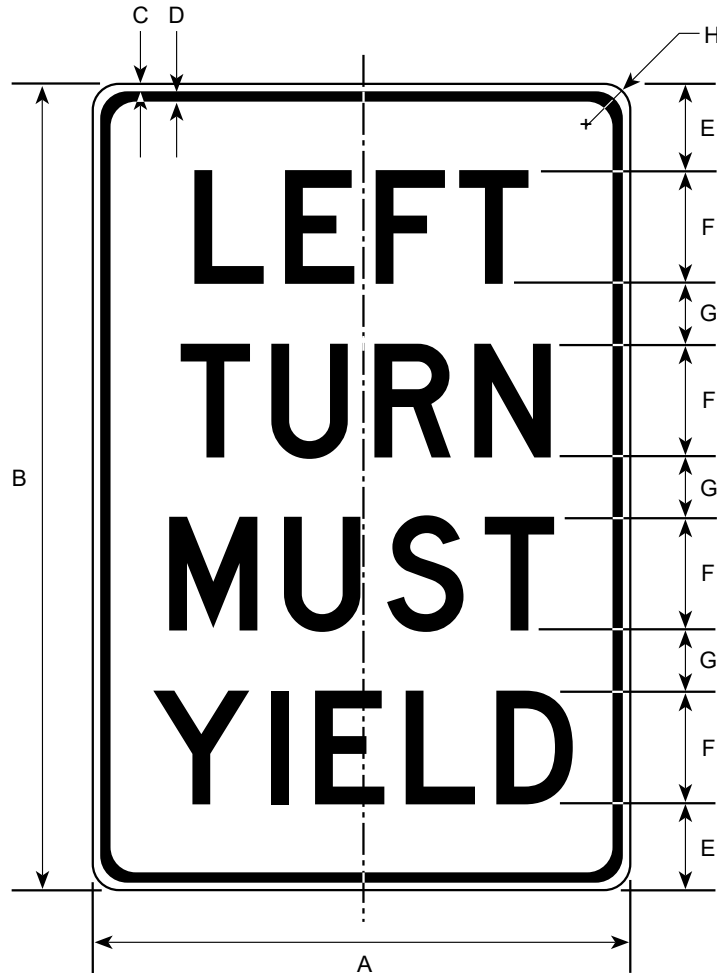
| A  | B  | C   | D   | E     | F  | G     | H  | J | K     |
|----|----|-----|-----|-------|----|-------|----|---|-------|
| 24 | 30 | 3/8 | 5/8 | 3     | 3C | 2     | 4C | 8 | 1 1/2 |
| 30 | 36 | 1/2 | 3/4 | 3 1/4 | 4C | 2 1/2 | 5C | 9 | 2     |

## COLORS

SYMBOL - GREEN (REFL)  
 LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)

# R10-1201

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |    |      |    |    |
|--------------------------|-----|---|----|----|------|----|----|
| A                        | B   | C | D  | E  | F    | G  | H  |
| 600                      | 900 | 9 | 16 | 97 | 125D | 69 | 38 |

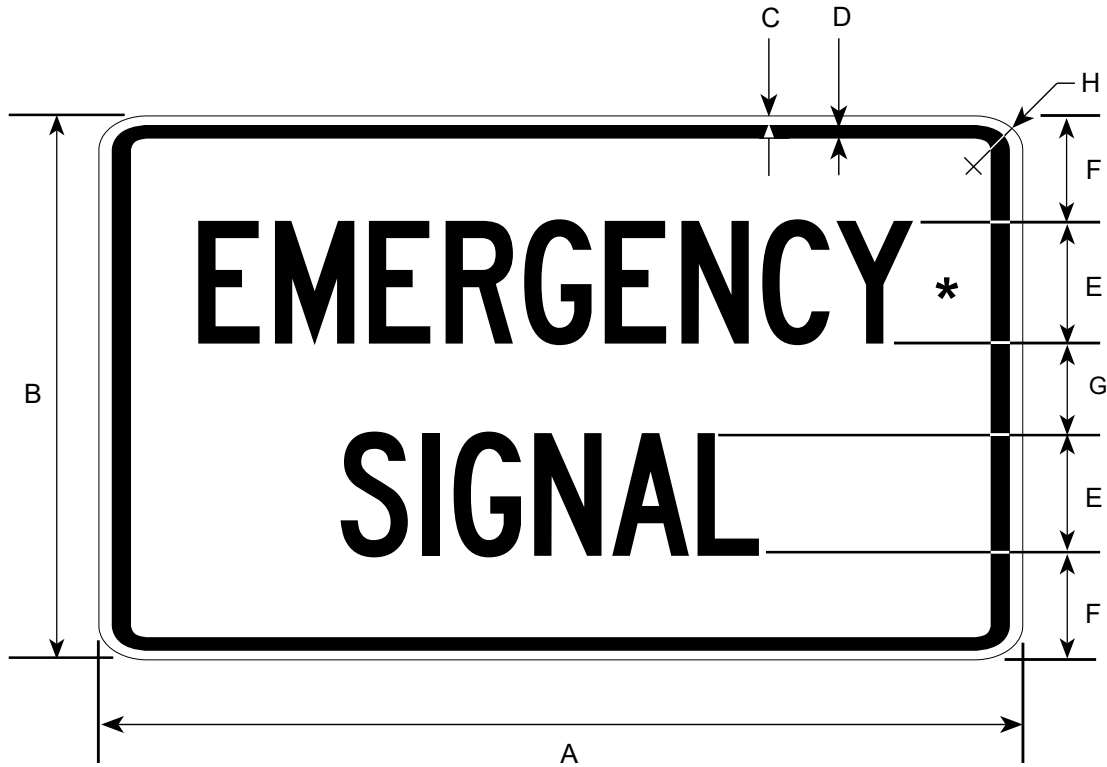
| DIMENSIONS (INCHES) |    |     |     |       |    |       |       |
|---------------------|----|-----|-----|-------|----|-------|-------|
| A                   | B  | C   | D   | E     | F  | G     | H     |
| 24                  | 36 | 3/8 | 5/8 | 3 7/8 | 5D | 2 3/4 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R10-13

9/03



\* - 30% REDUCE SPACING

| DIMENSIONS (MILLIMETERS) |     |   |    |      |     |     |    |
|--------------------------|-----|---|----|------|-----|-----|----|
| A                        | B   | C | D  | E    | G   | F   | H  |
| 750                      | 450 | 9 | 16 | 125C | 125 | 100 | 38 |

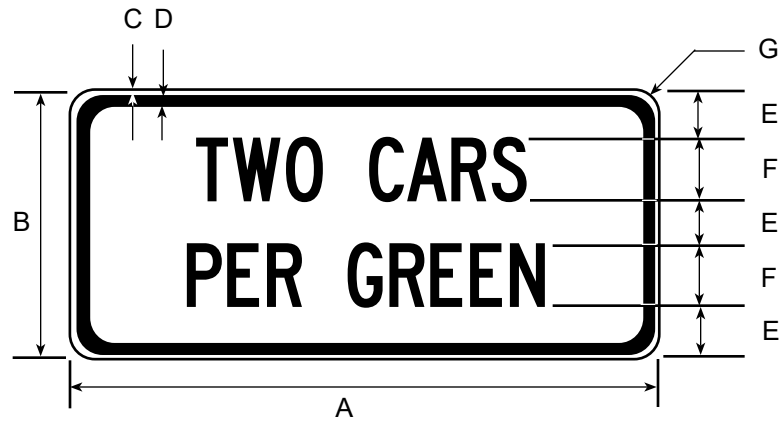
| DIMENSIONS (INCHES) |    |     |     |    |   |   |       |
|---------------------|----|-----|-----|----|---|---|-------|
| A                   | B  | C   | D   | E  | F | G | H     |
| 36                  | 24 | 1/2 | 3/4 | 5C | 5 | 4 | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R10-1401

5/03



| DIMENSIONS (MILLIMETERS) |     |   |    |    |     |    |
|--------------------------|-----|---|----|----|-----|----|
| A                        | B   | C | D  | E  | F   | G  |
| 600                      | 300 | 9 | 16 | 50 | 75C | 25 |

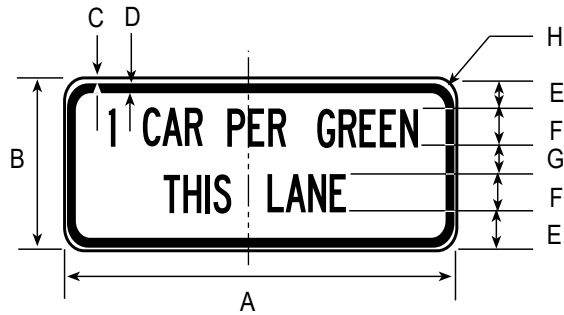
| DIMENSIONS (INCHES) |    |     |     |   |    |   |
|---------------------|----|-----|-----|---|----|---|
| A                   | B  | C   | D   | E | F  | G |
| 24                  | 12 | 3/8 | 5/8 | 2 | 3C | 1 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

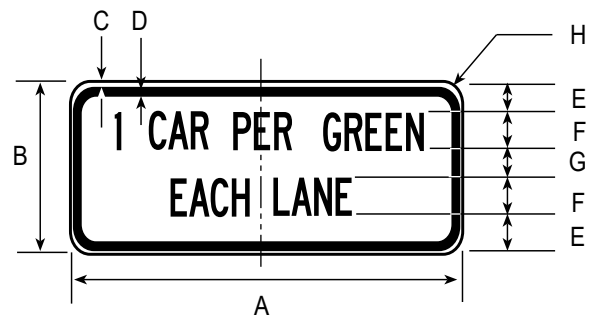
# R10-1402

5/03



# R10-1403

5/03



| DIMENSIONS (MILLIMETERS) |     |    |    |    |      |    |    |
|--------------------------|-----|----|----|----|------|----|----|
| A                        | B   | C  | D  | E  | F    | G  | H  |
| 1200                     | 450 | 16 | 22 | 88 | 100C | 75 | 56 |

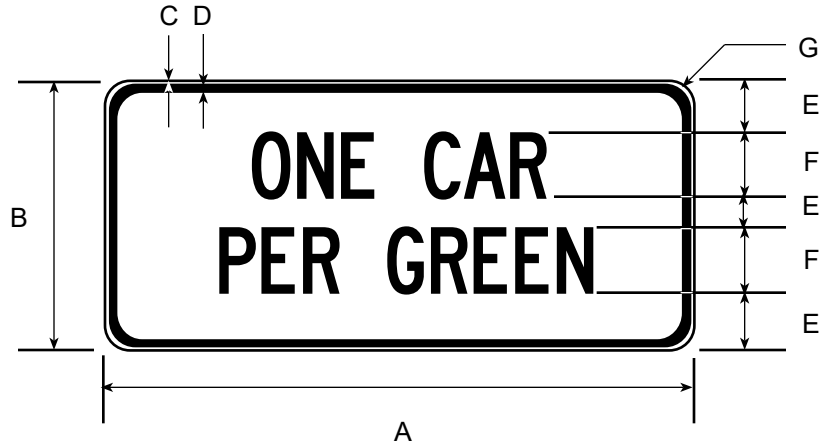
| DIMENSIONS (INCHES) |    |     |     |       |    |   |       |
|---------------------|----|-----|-----|-------|----|---|-------|
| A                   | B  | C   | D   | E     | F  | G | H     |
| 48                  | 18 | 5/8 | 7/8 | 3 1/2 | 4C | 3 | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R10-1404

5/03



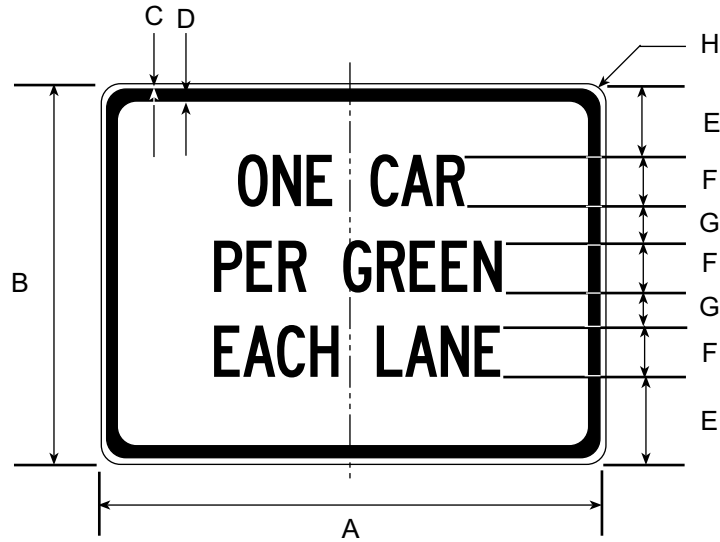
| DIMENSIONS (MILLIMETERS) |     |   |    |    |     |    |
|--------------------------|-----|---|----|----|-----|----|
| A                        | B   | C | D  | E  | F   | G  |
| 600                      | 300 | 9 | 16 | 50 | 75C | 38 |

| DIMENSIONS (INCHES) |    |     |     |   |    |       |
|---------------------|----|-----|-----|---|----|-------|
| A                   | B  | C   | D   | E | F  | G     |
| 24                  | 12 | 3/8 | 5/8 | 2 | 3C | 1 1/2 |

COLORS  
 LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)

# R10-1405

5/03



| DIMENSIONS (MILLIMETERS) |     |   |    |    |     |    |    |
|--------------------------|-----|---|----|----|-----|----|----|
| A                        | B   | C | D  | E  | F   | G  | H  |
| 600                      | 450 | 9 | 16 | 63 | 75C | 50 | 38 |

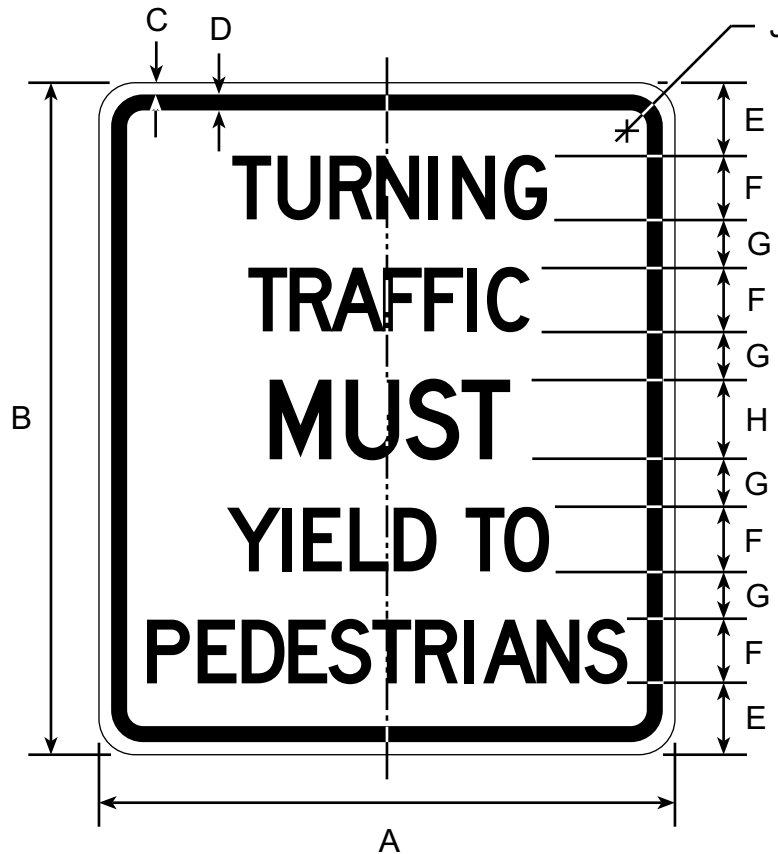
| DIMENSIONS (INCHES) |    |     |     |       |    |   |       |
|---------------------|----|-----|-----|-------|----|---|-------|
| A                   | B  | C   | D   | E     | F  | G | H     |
| 24                  | 18 | 3/8 | 5/8 | 2 1/2 | 3C | 2 | 1 1/2 |

COLORS  
 LEGEND - BLACK (NON-REFL)  
 BACKGROUND - WHITE (REFL)



# R10-15

3/06



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |    |     |    |
|--------------------------|------|----|----|-----|------|----|-----|----|
| A                        | B    | C  | D  | E   | F    | G  | H   | J  |
| 600                      | 750  | 9  | 16 | 106 | 62D  | 50 | 88  | 38 |
| 750                      | 900  | 13 | 19 | 113 | 75D  | 69 | 100 | 47 |
| 900                      | 1050 | 16 | 22 | 113 | 100D | 75 | 125 | 56 |

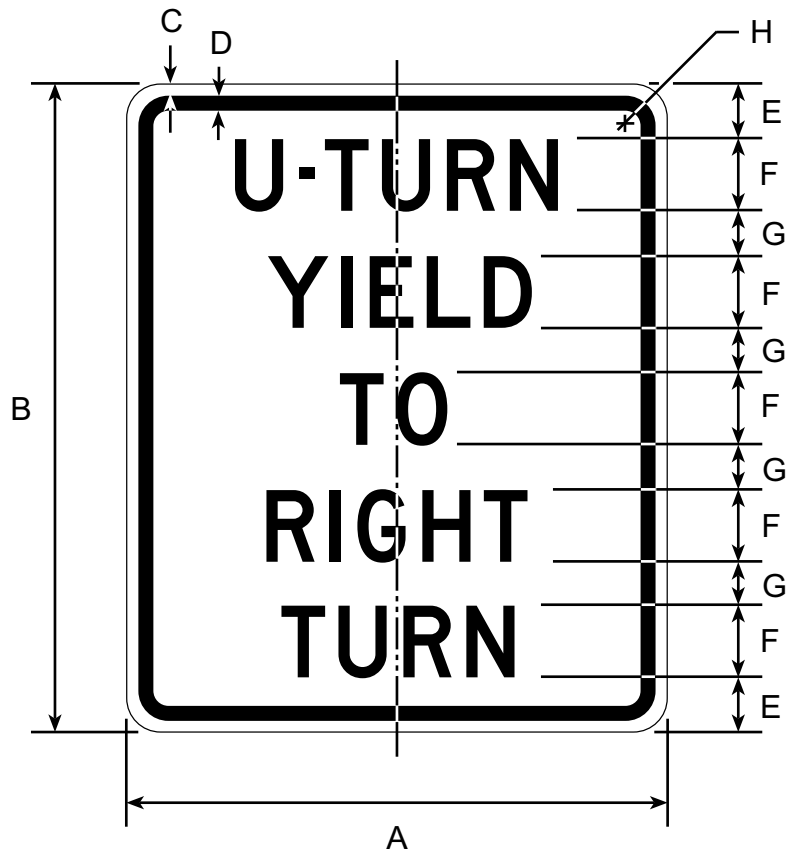
| DIMENSIONS (INCHES) |    |     |     |       |        |       |        |       |
|---------------------|----|-----|-----|-------|--------|-------|--------|-------|
| A                   | B  | C   | D   | E     | F      | G     | H      | J     |
| 24                  | 30 | 3/8 | 5/8 | 4 1/4 | 2 1/2D | 2     | 3 1/2D | 1 1/2 |
| 30                  | 36 | 1/2 | 3/4 | 4 1/2 | 3D     | 2 3/4 | 4D     | 1 7/8 |
| 36                  | 42 | 5/8 | 7/8 | 4 1/2 | 4D     | 3     | 5D     | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R10-16

3/06



| DIMENSIONS (MILLIMETERS) |     |    |    |    |      |    |    |
|--------------------------|-----|----|----|----|------|----|----|
| A                        | B   | C  | D  | E  | F    | G  | H  |
| 450                      | 600 | 9  | 16 | 75 | 50D  | 50 | 38 |
| 600                      | 750 | 9  | 16 | 75 | 75D  | 56 | 38 |
| 750                      | 900 | 13 | 19 | 75 | 100D | 62 | 47 |

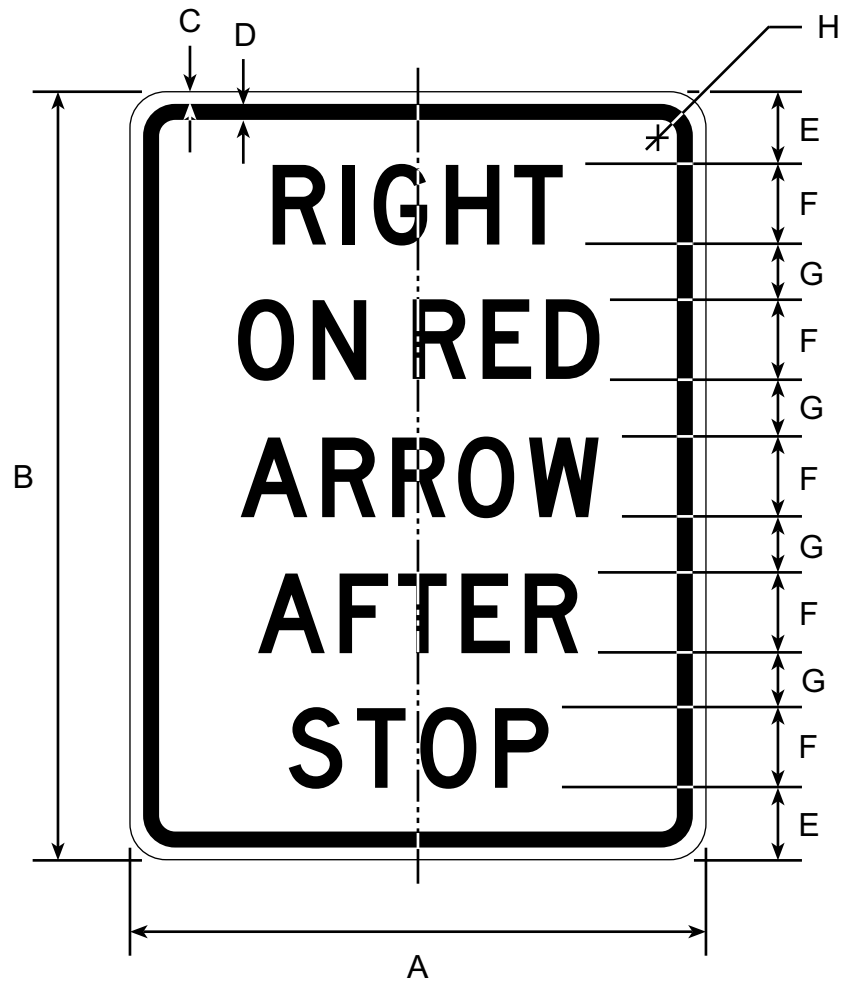
| DIMENSIONS (INCHES) |    |     |     |   |    |       |       |
|---------------------|----|-----|-----|---|----|-------|-------|
| A                   | B  | C   | D   | E | F  | G     | H     |
| 18                  | 24 | 3/8 | 5/8 | 3 | 2D | 2     | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8 | 3 | 3D | 2 1/4 | 1 1/2 |
| 30                  | 36 | 1/2 | 3/4 | 3 | 4D | 2 1/2 | 1 7/8 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R10-17A

3/06



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |    |    |
|--------------------------|------|----|----|-----|------|----|----|
| A                        | B    | C  | D  | E   | F    | G  | H  |
| 750                      | 900  | 13 | 19 | 88  | 100D | 56 | 47 |
| 900                      | 1200 | 16 | 22 | 113 | 125D | 88 | 56 |

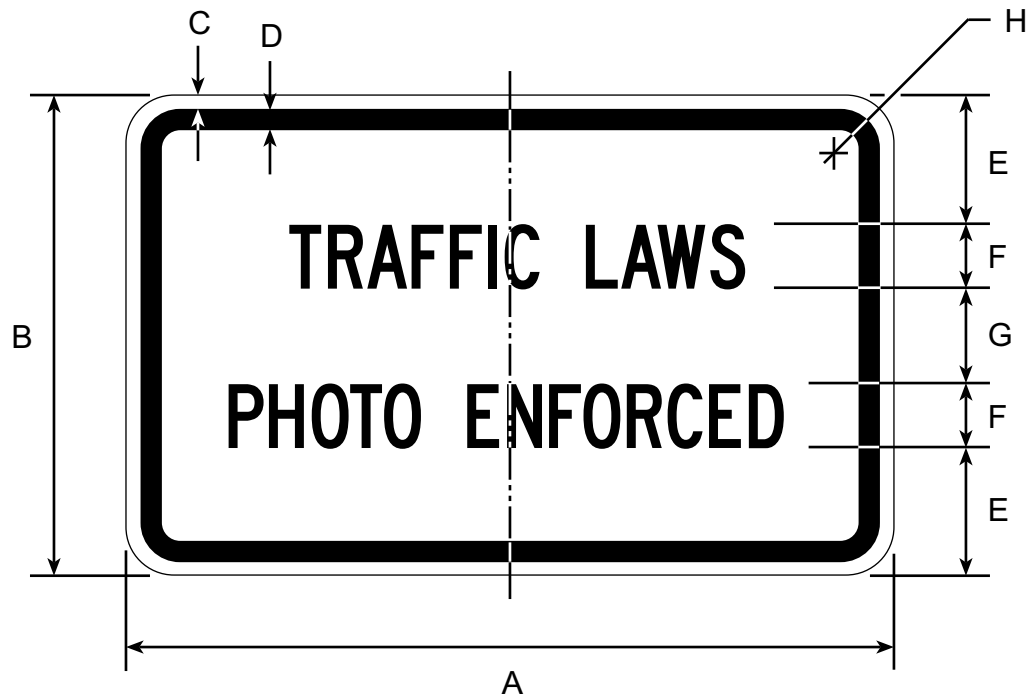
| DIMENSIONS (INCHES) |    |     |     |       |    |       |       |
|---------------------|----|-----|-----|-------|----|-------|-------|
| A                   | B  | C   | D   | E     | F  | G     | H     |
| 30                  | 36 | 1/2 | 3/4 | 3 1/2 | 4D | 2 1/4 | 1 7/8 |
| 36                  | 48 | 5/8 | 7/8 | 4 1/2 | 5D | 3 1/2 | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R10-18

3/06



| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |     |    |
|--------------------------|-----|----|----|-----|------|-----|----|
| A                        | B   | C  | D  | E   | F    | G   | H  |
| 600                      | 300 | 9  | 16 | 75  | 50C  | 50  | 38 |
| 900                      | 450 | 16 | 22 | 113 | 75C  | 75  | 56 |
| 1200                     | 750 | 19 | 31 | 200 | 100C | 150 | 75 |
| 1800                     | 900 | 25 | 31 | 225 | 150C | 150 | 75 |

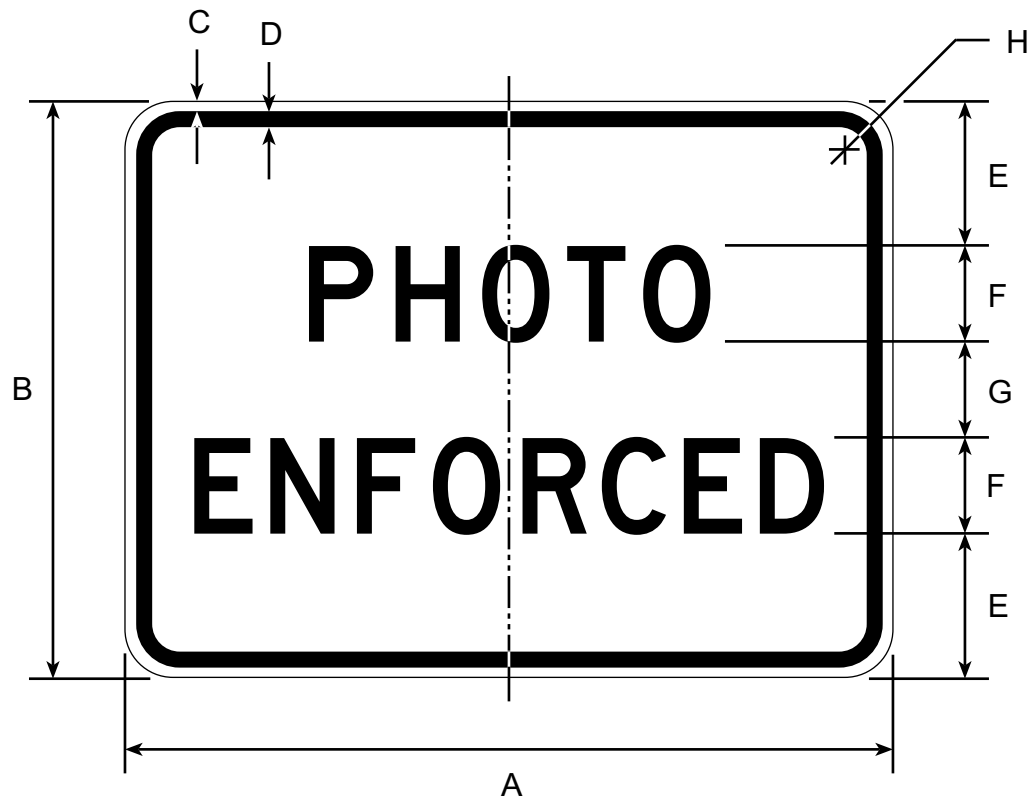
| DIMENSIONS (INCHES) |    |     |       |       |    |   |       |
|---------------------|----|-----|-------|-------|----|---|-------|
| A                   | B  | C   | D     | E     | F  | G | H     |
| 24                  | 12 | 3/8 | 5/8   | 3     | 2C | 2 | 1 1/2 |
| 36                  | 18 | 5/8 | 7/8   | 4 1/2 | 3C | 3 | 2 1/4 |
| 48                  | 30 | 3/4 | 1 1/4 | 8     | 4C | 6 | 3     |
| 72                  | 36 | 1   | 1 1/4 | 9     | 6C | 6 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R10-19

3/06



| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |     |    |
|--------------------------|-----|----|----|-----|------|-----|----|
| A                        | B   | C  | D  | E   | F    | G   | H  |
| 600                      | 450 | 9  | 16 | 113 | 75D  | 75  | 38 |
| 900                      | 750 | 16 | 22 | 200 | 100D | 150 | 56 |
| 1200                     | 900 | 19 | 31 | 225 | 150D | 150 | 75 |

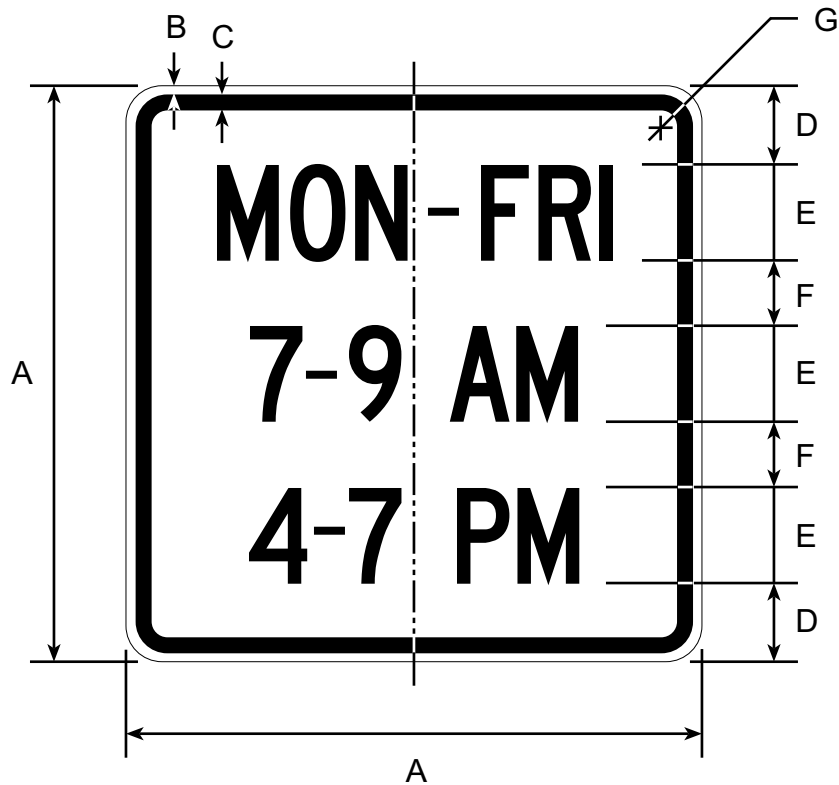
| DIMENSIONS (INCHES) |    |     |       |       |    |   |       |
|---------------------|----|-----|-------|-------|----|---|-------|
| A                   | B  | C   | D     | E     | F  | G | H     |
| 24                  | 18 | 3/8 | 5/8   | 4 1/2 | 3D | 3 | 1 1/2 |
| 36                  | 30 | 5/8 | 7/8   | 8     | 4D | 6 | 2 1/4 |
| 48                  | 36 | 3/4 | 1 1/4 | 9     | 6D | 6 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R10-20A

3/06



| DIMENSIONS (MILLIMETERS) |    |    |     |      |     |    |
|--------------------------|----|----|-----|------|-----|----|
| A                        | B  | C  | D   | E    | F   | G  |
| 600                      | 9  | 16 | 88  | 100C | 62  | 38 |
| 750                      | 13 | 19 | 113 | 125C | 75  | 47 |
| 1200                     | 19 | 31 | 175 | 200C | 125 | 75 |

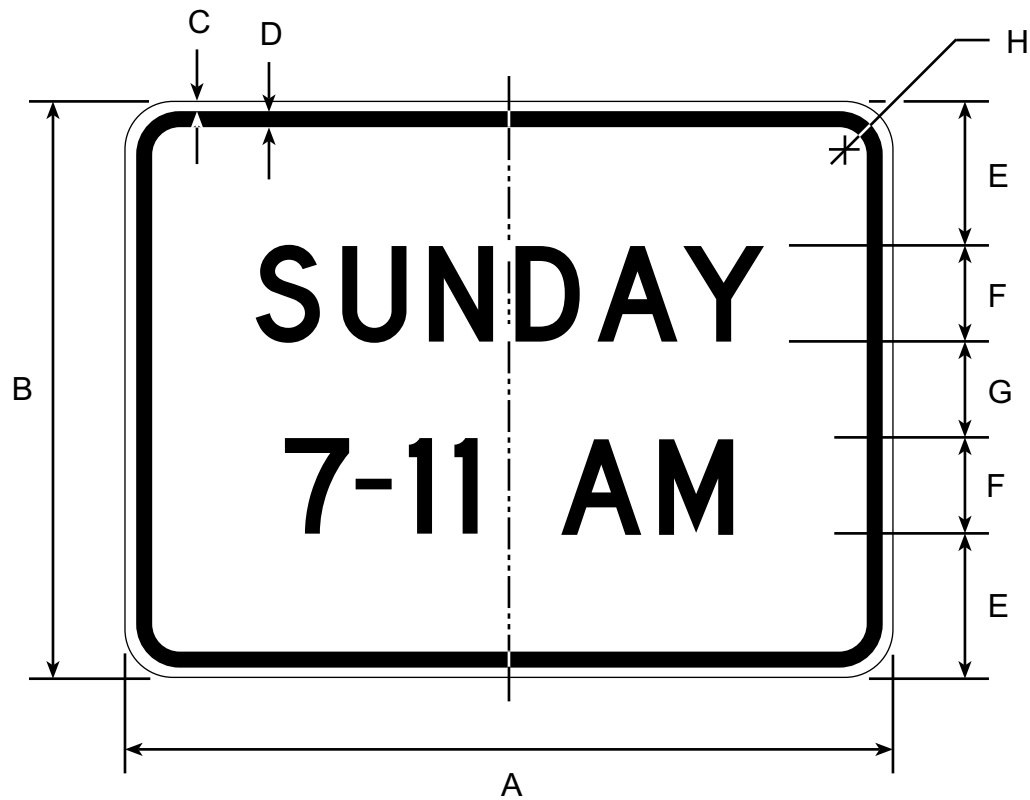
| DIMENSIONS (INCHES) |     |       |       |    |       |       |
|---------------------|-----|-------|-------|----|-------|-------|
| A                   | B   | C     | D     | E  | F     | G     |
| 24                  | 3/8 | 5/8   | 3 1/2 | 4C | 2 1/2 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 4 1/2 | 5C | 3     | 1 7/8 |
| 48                  | 3/4 | 1 1/4 | 7     | 8C | 5     | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R10-20B

3/06



| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |     |    |
|--------------------------|-----|----|----|-----|------|-----|----|
| A                        | B   | C  | D  | E   | F    | G   | H  |
| 600                      | 450 | 9  | 16 | 113 | 75D  | 75  | 38 |
| 750                      | 600 | 13 | 19 | 150 | 100D | 100 | 47 |
| 1200                     | 900 | 19 | 31 | 225 | 150D | 150 | 75 |

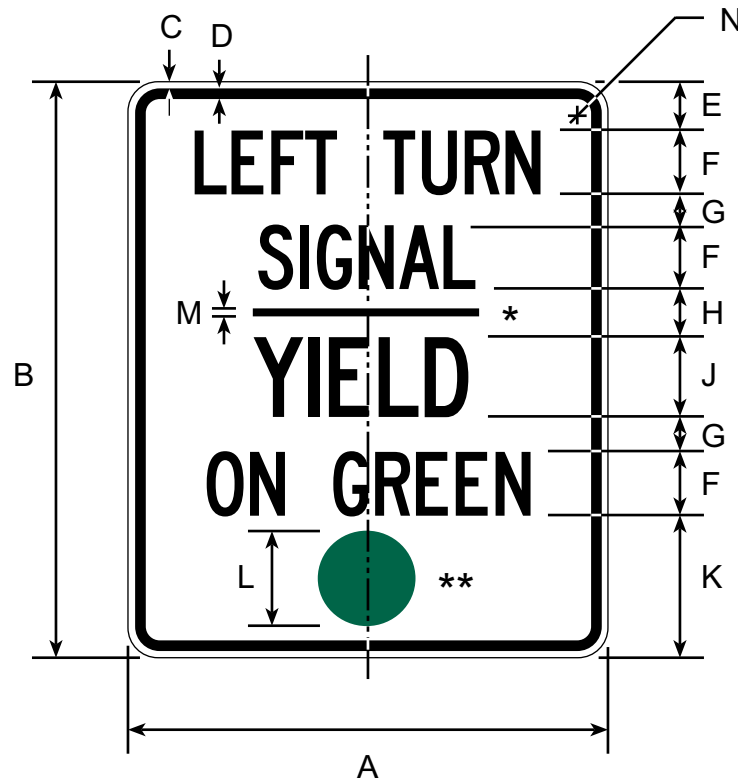
| DIMENSIONS (INCHES) |    |     |       |       |    |   |       |
|---------------------|----|-----|-------|-------|----|---|-------|
| A                   | B  | C   | D     | E     | F  | G | H     |
| 24                  | 18 | 3/8 | 5/8   | 4 1/2 | 3D | 3 | 1 1/2 |
| 30                  | 24 | 1/2 | 3/4   | 6     | 4D | 4 | 1 7/8 |
| 48                  | 36 | 3/4 | 1 1/4 | 9     | 6D | 6 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R10-21

3/06



\* Optically center between lines 2 & 3

\*\* Optically center between line 4 & bottom border

| DIMENSIONS (MILLIMETERS) |     |    |    |    |      |    |    |      |     |     |    |    |
|--------------------------|-----|----|----|----|------|----|----|------|-----|-----|----|----|
| A                        | B   | C  | D  | E  | F    | G  | H  | J    | K   | L   | M  | N  |
| 450                      | 600 | 9  | 16 | 50 | 62C  | 25 | 62 | 75C  | 175 | 125 | 9  | 38 |
| 600                      | 750 | 9  | 16 | 62 | 75C  | 41 | 75 | 100C | 206 | 150 | 16 | 38 |
| 750                      | 900 | 13 | 19 | 75 | 100C | 50 | 75 | 125C | 225 | 175 | 19 | 47 |

| DIMENSIONS (INCHES) |    |     |     |       |        |       |       |    |       |   |     |       |
|---------------------|----|-----|-----|-------|--------|-------|-------|----|-------|---|-----|-------|
| A                   | B  | C   | D   | E     | F      | G     | H     | J  | K     | L | M   | N     |
| 18                  | 24 | 3/8 | 5/8 | 2     | 2 1/2C | 1     | 2 1/2 | 3C | 7     | 5 | 3/8 | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8 | 2 1/2 | 3C     | 1 5/8 | 3     | 4C | 8 1/4 | 6 | 5/8 | 1 1/2 |
| 30                  | 36 | 1/2 | 3/4 | 3     | 4C     | 2     | 3     | 5C | 9     | 7 | 3/4 | 1 7/8 |

## COLORS

LEGEND - BLACK (NON-REFL)

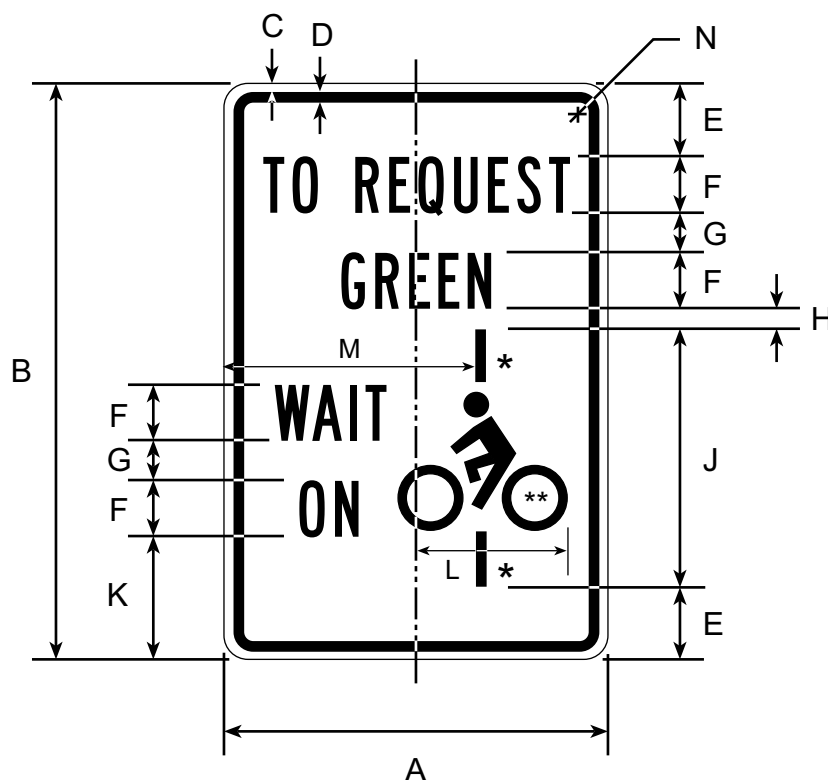
BALL - GREEN (REFL)

BACKGROUND - WHITE (REFL)



# R10-22

3/06



\* Pavement marking depictions (2) are 1/2" x 1 3/4"

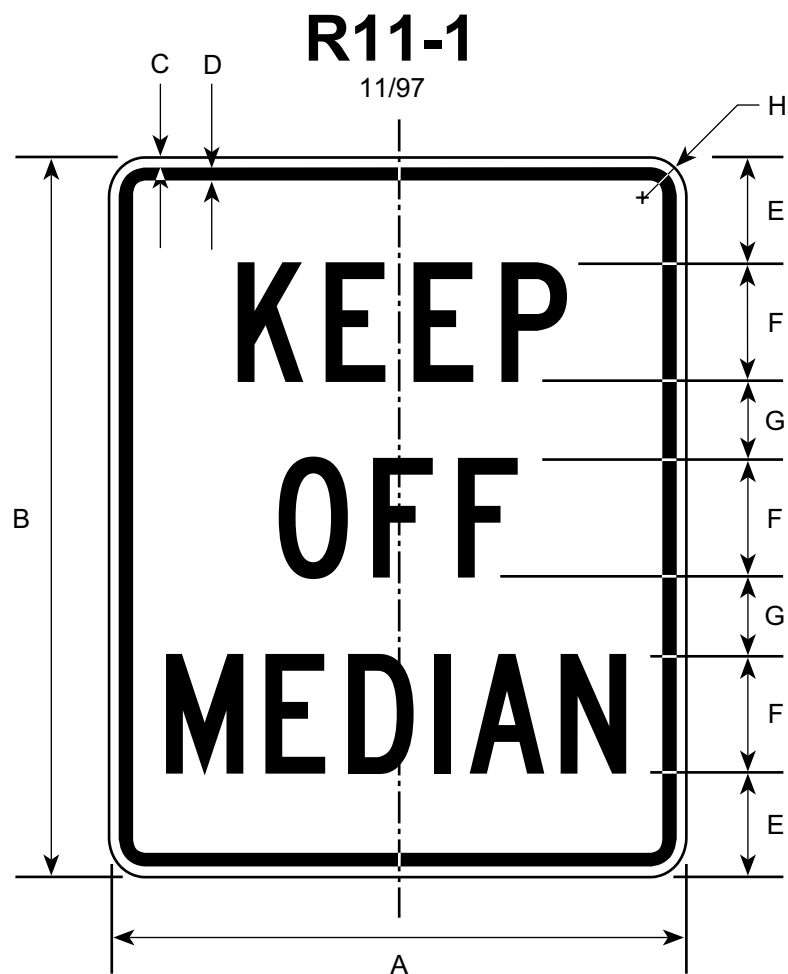
\*\* See appendix for bicyclist symbol pattern

| DIMENSIONS (MILLIMETERS) |     |   |    |    |     |    |    |     |    |     |     |    |
|--------------------------|-----|---|----|----|-----|----|----|-----|----|-----|-----|----|
| A                        | B   | C | D  | E  | F   | G  | H  | J   | K  | L   | M   | N  |
| 300                      | 450 | 9 | 11 | 56 | 44B | 31 | 25 | 200 | 97 | 116 | 175 | 38 |

| DIMENSIONS (INCHES) |    |     |      |       |        |       |   |   |       |       |   |       |
|---------------------|----|-----|------|-------|--------|-------|---|---|-------|-------|---|-------|
| A                   | B  | C   | D    | E     | F      | G     | H | J | K     | L     | M | N     |
| 12                  | 18 | 3/8 | 7/16 | 2 1/4 | 1 3/4B | 1 1/4 | 1 | 8 | 3 7/8 | 4 5/8 | 7 | 1 1/2 |

## COLORS

LEGEND & SYMBOL - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |    |
|--------------------------|------|----|----|-----|------|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H  |
| 600                      | 750  | 9  | 16 | 106 | 125C | 81  | 38 |
| 900                      | 1200 | 16 | 22 | 169 | 200C | 131 | 56 |
| 1200                     | 1500 | 19 | 31 | 213 | 250C | 163 | 75 |

| DIMENSIONS (INCHES) |    |     |       |       |     |       |       |
|---------------------|----|-----|-------|-------|-----|-------|-------|
| A                   | B  | C   | D     | E     | F   | G     | H     |
| 24                  | 30 | 3/8 | 5/8   | 4 1/4 | 5C  | 3 1/4 | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8   | 6 3/4 | 8C  | 5 1/4 | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 8 1/2 | 10C | 6 1/2 | 3     |

### COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — WHITE (REFL)

# R11-2

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |     |    |
|--------------------------|-----|----|----|-----|------|-----|----|
| A                        | B   | C  | D  | E   | F    | G   | H  |
| 1200                     | 750 | 13 | 19 | 125 | 200D | 100 | 47 |

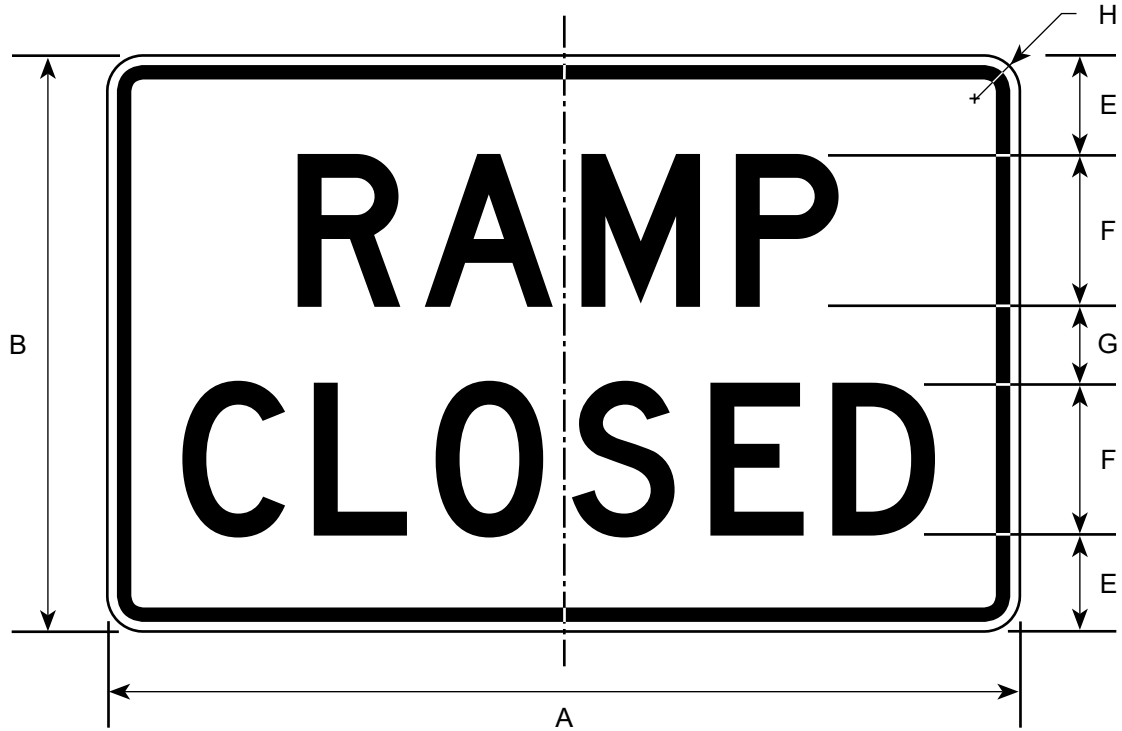
| DIMENSIONS (INCHES) |    |     |     |   |    |   |       |
|---------------------|----|-----|-----|---|----|---|-------|
| A                   | B  | C   | D   | E | F  | G | H     |
| 48                  | 30 | 1/2 | 3/4 | 5 | 8D | 4 | 1 7/8 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R11-201

11/03



| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |     |    |
|--------------------------|-----|----|----|-----|------|-----|----|
| A                        | B   | C  | D  | E   | F    | G   | H  |
| 1200                     | 750 | 13 | 19 | 125 | 200D | 100 | 47 |

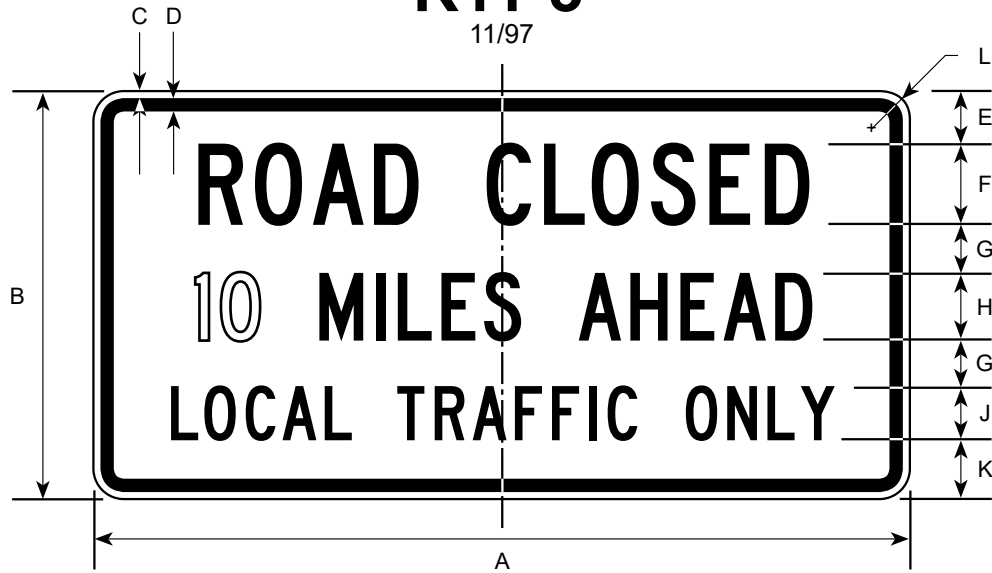
| DIMENSIONS (INCHES) |    |     |     |   |    |   |       |
|---------------------|----|-----|-----|---|----|---|-------|
| A                   | B  | C   | D   | E | F  | G | H     |
| 48                  | 30 | 1/2 | 3/4 | 5 | 8D | 4 | 1 7/8 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

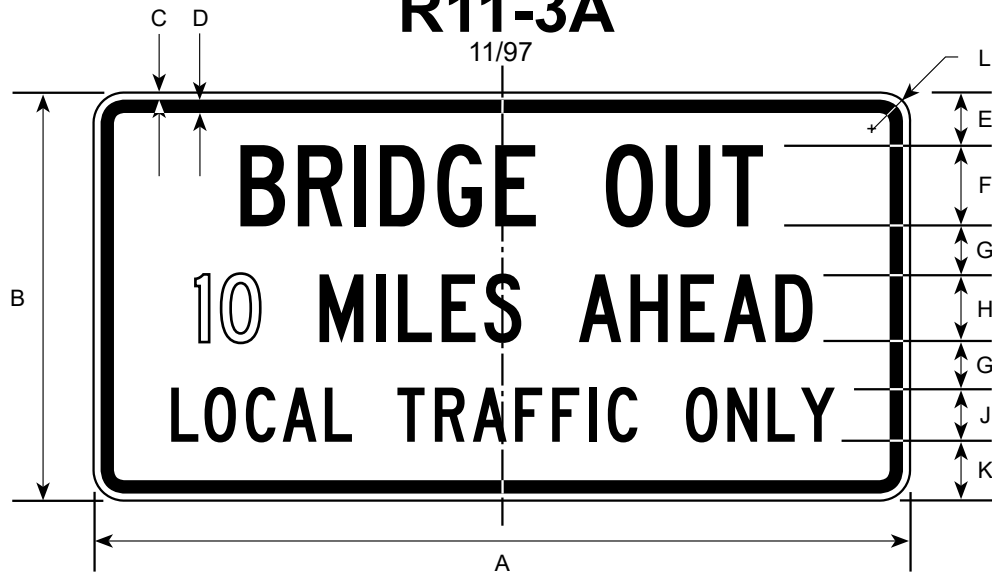
# R11-3

11/97



# R11-3A

11/97



DIMENSIONS (MILLIMETERS)

| A    | B   | C  | D  | E   | F    | G  | H    | J    | K   | L  |
|------|-----|----|----|-----|------|----|------|------|-----|----|
| 1500 | 750 | 13 | 19 | 100 | 150C | 84 | 125C | 100C | 106 | 47 |

DIMENSIONS (INCHES)

| A  | B  | C   | D   | E | F  | G     | H  | J  | K     | L     |
|----|----|-----|-----|---|----|-------|----|----|-------|-------|
| 60 | 30 | 1/2 | 3/4 | 4 | 6C | 3 3/8 | 5C | 4C | 4 1/4 | 1 7/8 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R11-3 (MOD.)

11/97



| DIMENSIONS (MILLIMETERS) |      |   |      |      |      |      |
|--------------------------|------|---|------|------|------|------|
| A                        | B    | C | D    | E    | F    | G    |
| 1500                     | 1200 | 9 | 150D | 200D | 200C | 100C |

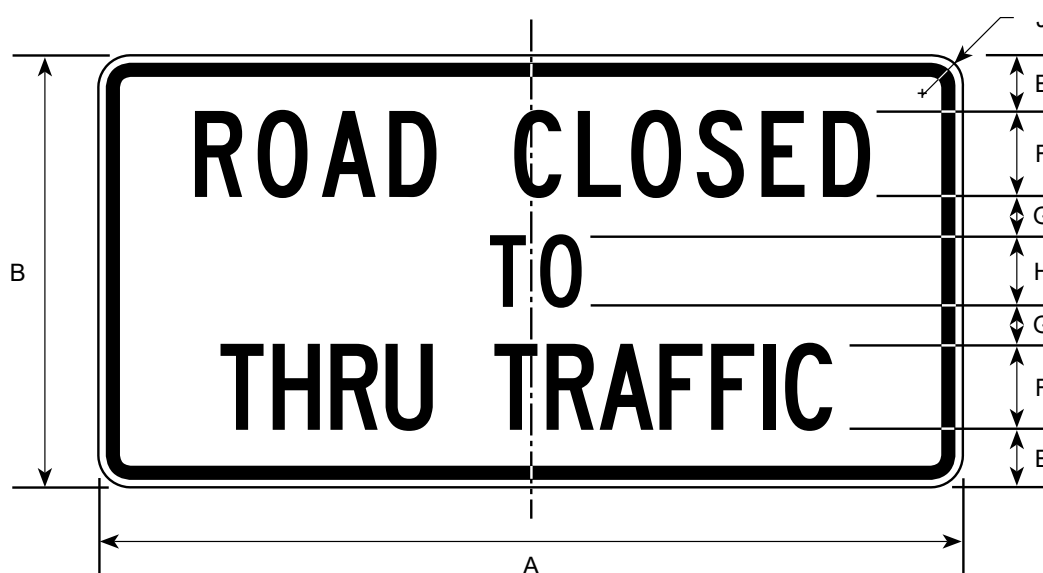
| DIMENSIONS (INCHES) |    |     |    |    |    |    |
|---------------------|----|-----|----|----|----|----|
| A                   | B  | C   | D  | E  | F  | G  |
| 600                 | 48 | 3/8 | 6D | 8D | 5C | 4C |

## COLORS

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

# R11-4

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |    |      |    |
|--------------------------|-----|----|----|-----|------|----|------|----|
| A                        | B   | C  | D  | E   | F    | G  | H    | J  |
| 1500                     | 750 | 13 | 19 | 100 | 150C | 63 | 125C | 47 |

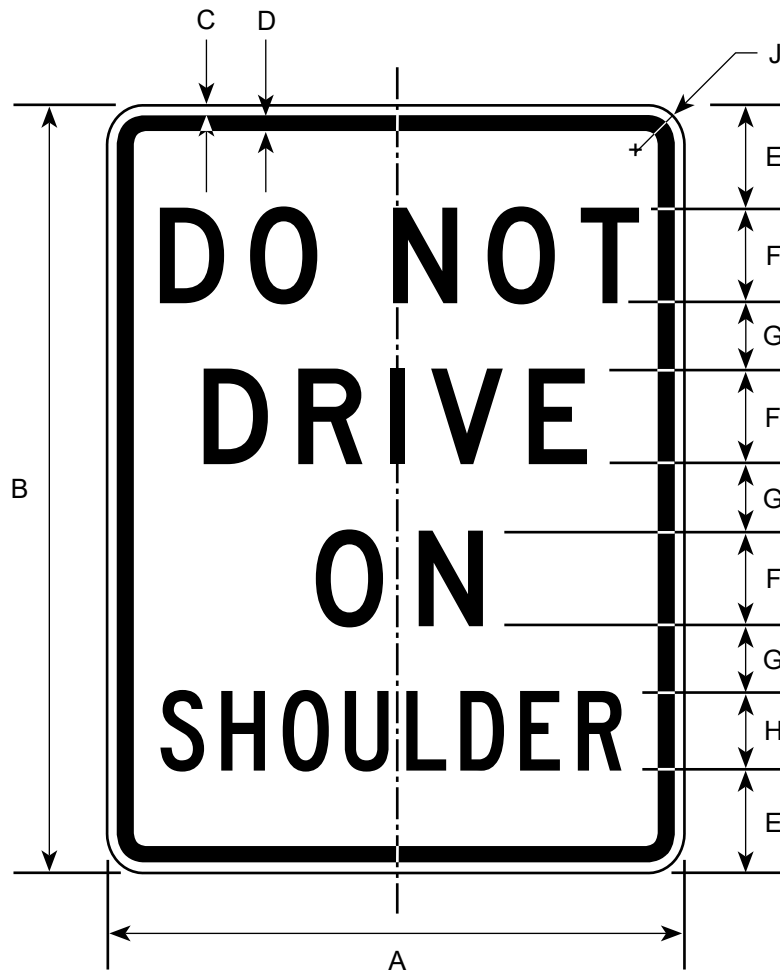
| DIMENSIONS (INCHES) |    |     |     |   |    |       |    |       |
|---------------------|----|-----|-----|---|----|-------|----|-------|
| A                   | B  | C   | D   | E | F  | G     | H  | J     |
| 60                  | 30 | 1/2 | 3/4 | 4 | 6C | 2 1/2 | 5C | 1 7/8 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R11-501

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |      |    |
|--------------------------|------|----|----|-----|------|-----|------|----|
| A                        | B    | C  | D  | E   | F    | G   | H    | J  |
| 900                      | 1200 | 13 | 19 | 163 | 150D | 100 | 125C | 47 |

| DIMENSIONS (INCHES) |    |     |     |       |    |   |    |       |
|---------------------|----|-----|-----|-------|----|---|----|-------|
| A                   | B  | C   | D   | E     | F  | G | H  | J     |
| 36                  | 48 | 1/2 | 3/4 | 6 1/2 | 6D | 4 | 5C | 1 7/8 |

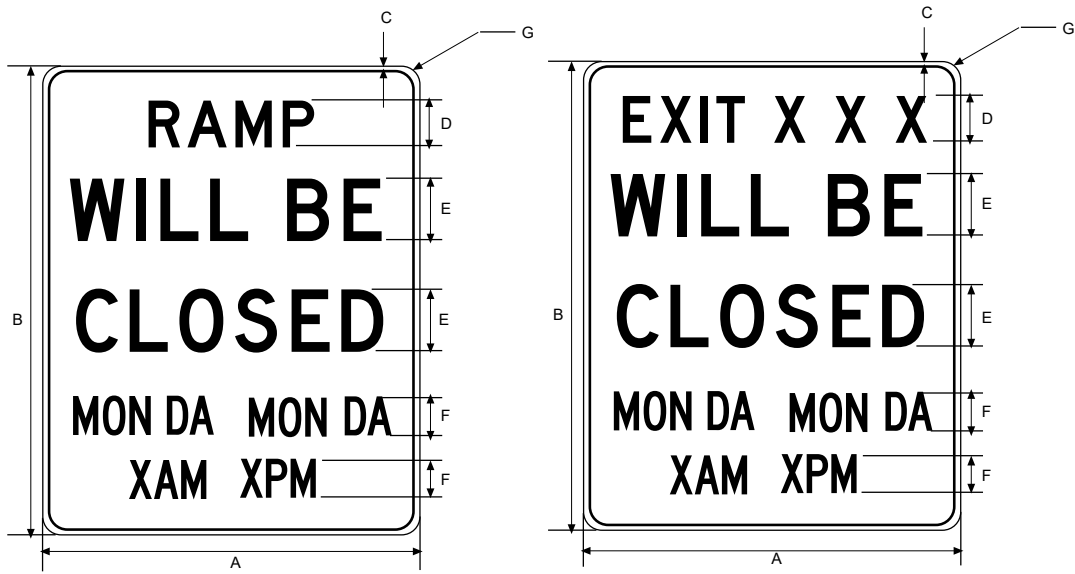
## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)



# R11-1501

11/97



| DIMENSIONS (MILLIMETERS) |      |       |      |      |      |     |
|--------------------------|------|-------|------|------|------|-----|
| A                        | B    | C     | D    | E    | F    | G   |
| 1200                     | 1500 | 18.75 | 150D | 200D | 125C | 100 |

| DIMENSIONS (INCHES) |    |     |    |    |    |   |
|---------------------|----|-----|----|----|----|---|
| A                   | B  | C   | D  | E  | F  | G |
| 48                  | 60 | 3/4 | 6D | 8D | 5C | 4 |

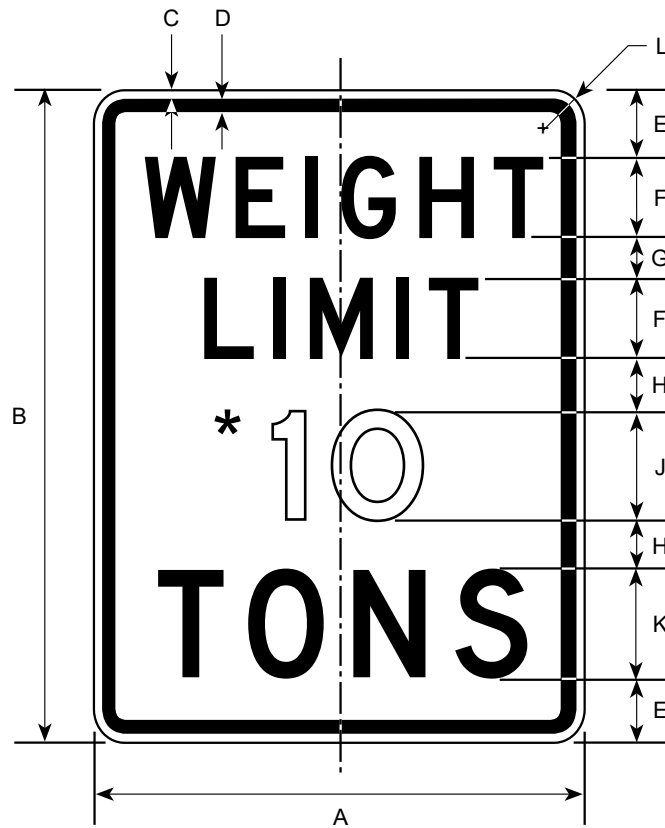
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - WHITE (REFL)

# R12-1

11/97



\* Optically space numerals about vertical centerline.

| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |    |    |      |      |    |
|--------------------------|------|----|----|-----|------|----|----|------|------|----|
| A                        | B    | C  | D  | E   | F    | G  | H  | J    | K    | L  |
| 600                      | 750  | 9  | 16 | 75  | 100D | 44 | 53 | 125E | 125D | 38 |
| 900                      | 1200 | 16 | 22 | 119 | 150D | 75 | 94 | 200E | 200D | 56 |

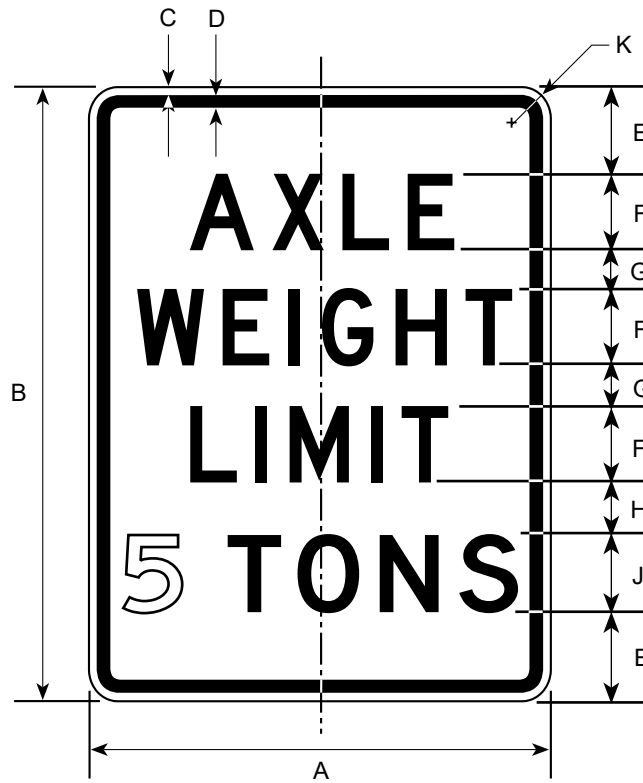
| DIMENSIONS (INCHES) |    |     |     |       |    |       |       |    |    |       |
|---------------------|----|-----|-----|-------|----|-------|-------|----|----|-------|
| A                   | B  | C   | D   | E     | F  | G     | H     | J  | K  | L     |
| 24                  | 30 | 3/8 | 5/8 | 3     | 4D | 1 3/4 | 2 1/8 | 5E | 5D | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8 | 4 3/4 | 6D | 3     | 3 3/4 | 8E | 8D | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R12-2

11/97



\* Optically space numerals about vertical centerline.

| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |    |    |      |    |
|--------------------------|------|----|----|-----|------|----|----|------|----|
| A                        | B    | C  | D  | E   | F    | G  | H  | J    | K  |
| 600                      | 750  | 9  | 16 | 81  | 100D | 50 | 63 | 125E | 38 |
| 900                      | 1200 | 16 | 22 | 131 | 150D | 88 | 11 | 200E | 56 |

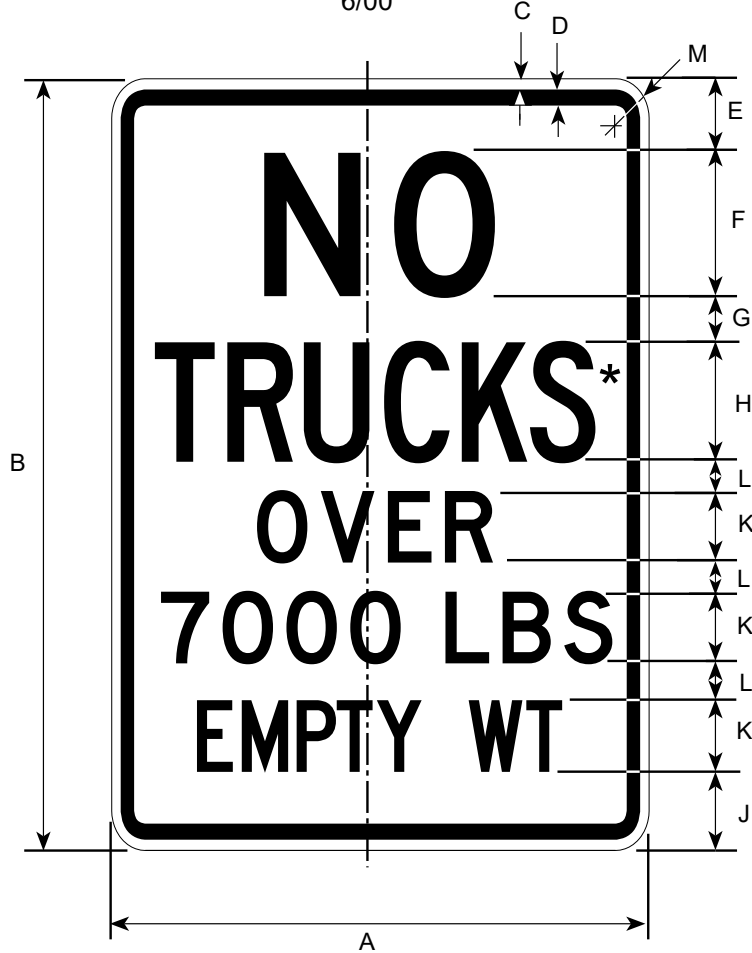
| DIMENSIONS (INCHES) |    |     |     |       |    |       |       |    |       |
|---------------------|----|-----|-----|-------|----|-------|-------|----|-------|
| A                   | B  | C   | D   | E     | F  | G     | H     | J  | K     |
| 24                  | 30 | 3/8 | 5/8 | 3 1/4 | 4D | 2     | 2 1/2 | 5D | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8 | 5 1/4 | 6D | 3 1/2 | 4 1/2 | 8D | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R12-3

6/00



\* Reduce spacing 20%.

| DIMENSIONS (MILLIMETERS) |     |    |    |    |      |    |      |     |     |    |    |
|--------------------------|-----|----|----|----|------|----|------|-----|-----|----|----|
| A                        | B   | C  | D  | E  | F    | G  | H    | J   | K   | L  | M  |
| 600                      | 900 | 10 | 16 | 87 | 150D | 63 | 125C | 100 | 75D | 50 | 38 |

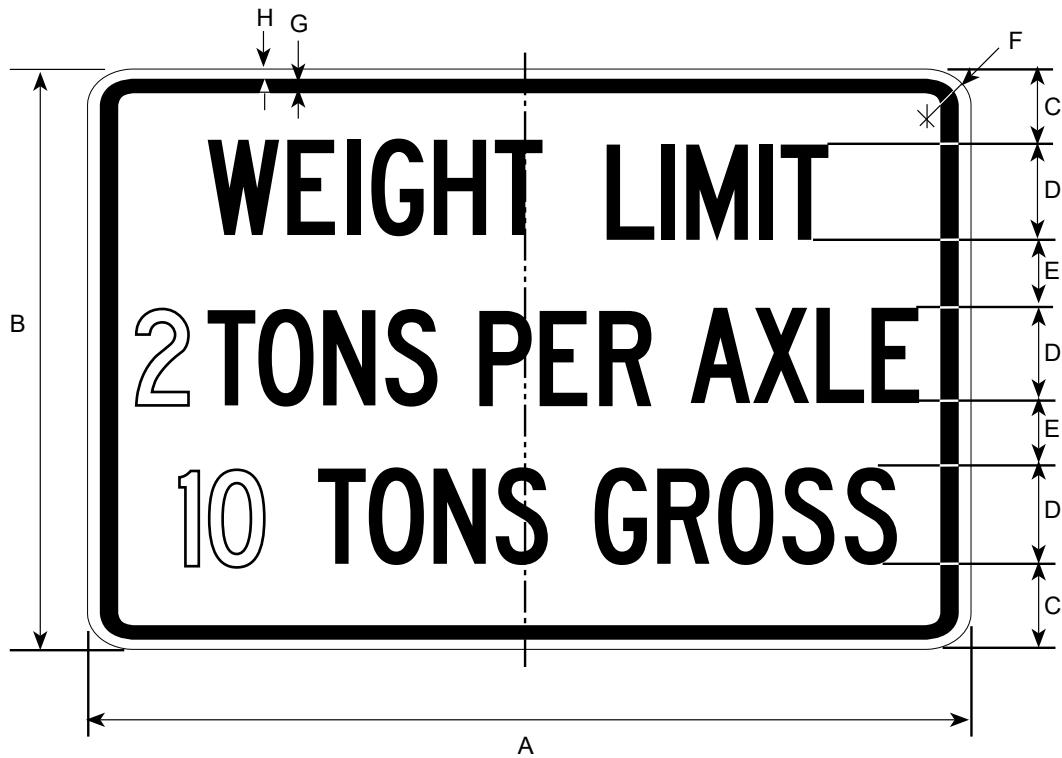
| DIMENSIONS (INCHES) |    |     |     |       |    |       |    |   |    |   |       |
|---------------------|----|-----|-----|-------|----|-------|----|---|----|---|-------|
| A                   | B  | C   | D   | E     | F  | G     | H  | J | K  | L | M     |
| 24                  | 36 | 3/8 | 5/8 | 3 1/2 | 6D | 2 1/2 | 5C | 4 | 3D | 2 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON REFL)  
BACKGROUND - WHITE (REFL)

# R12-4

11/97



| DIMENSIONS (MILLIMETERS) |     |    |      |    |    |    |    |
|--------------------------|-----|----|------|----|----|----|----|
| A                        | B   | C  | D    | E  | F  | G  | H  |
| 900                      | 600 | 88 | 100C | 63 | 38 | 16 | 10 |

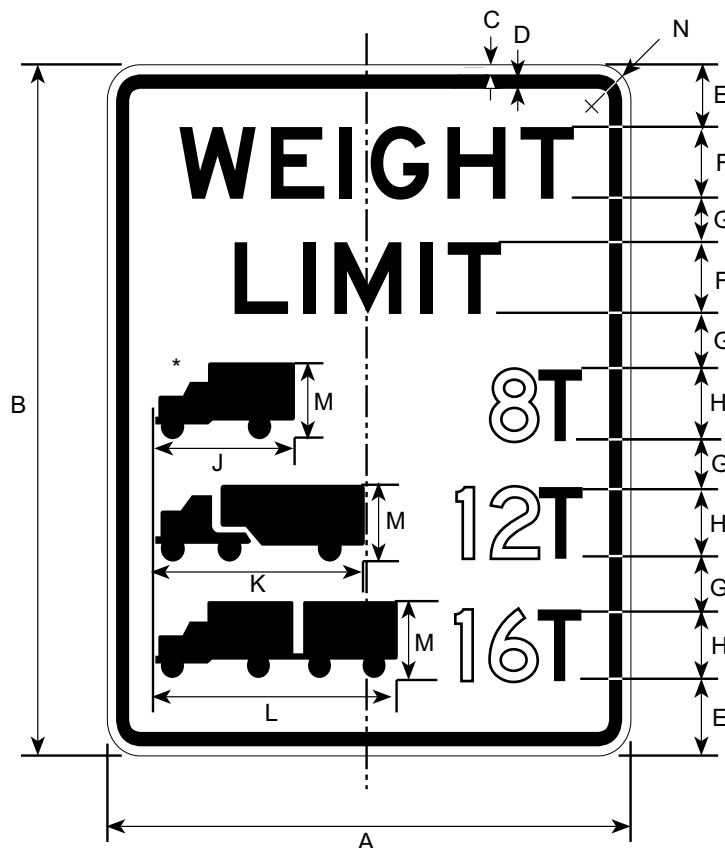
| DIMENSIONS (INCHES) |    |       |    |       |       |     |     |
|---------------------|----|-------|----|-------|-------|-----|-----|
| A                   | B  | C     | D  | E     | F     | G   | H   |
| 36                  | 24 | 3 1/2 | 4C | 2 1/2 | 1 1/2 | 5/8 | 3/8 |

## COLORS

LEGEND - BLACK (NON REFL)  
BACKGROUND - WHITE (REFL)

# R12-5

11/97



\*See appendix for symbol design.

| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |      |     |     |     |     |    |
|--------------------------|------|----|----|-----|------|-----|------|-----|-----|-----|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H    | J   | K   | L   | M   | N  |
| 600                      | 750  | 10 | 16 | 75  | 75E  | 56  | 75D  | 150 | 238 | 275 | 75  | 63 |
| 750                      | 900  | 13 | 19 | 88  | 100E | 56  | 100D | 200 | 300 | 366 | 100 | 72 |
| 900                      | 1200 | 16 | 22 | 125 | 125E | 81  | 125D | 250 | 375 | 460 | 125 | 56 |
| 1200                     | 1500 | 19 | 31 | 150 | 150E | 113 | 150D | 300 | 450 | 550 | 150 | 75 |

| DIMENSIONS (INCHES) |    |     |       |       |    |       |    |    |       |        |   |       |
|---------------------|----|-----|-------|-------|----|-------|----|----|-------|--------|---|-------|
| A                   | B  | C   | D     | E     | F  | G     | H  | J  | K     | L      | M | N     |
| 24                  | 30 | 3/8 | 5/8   | 3     | 3E | 2 1/4 | 3D | 6  | 9 1/2 | 11     | 3 | 1 1/2 |
| 30                  | 36 | 1/2 | 3/4   | 3 1/2 | 4E | 2 1/4 | 4D | 8  | 12    | 14 5/8 | 4 | 1 7/8 |
| 36                  | 48 | 5/8 | 7/8   | 5     | 5E | 3 1/4 | 5D | 10 | 15    | 18 3/8 | 5 | 2 1/4 |
| 48                  | 60 | 3/4 | 1 1/4 | 6     | 6E | 4 1/2 | 6D | 12 | 18    | 22     | 6 | 3     |

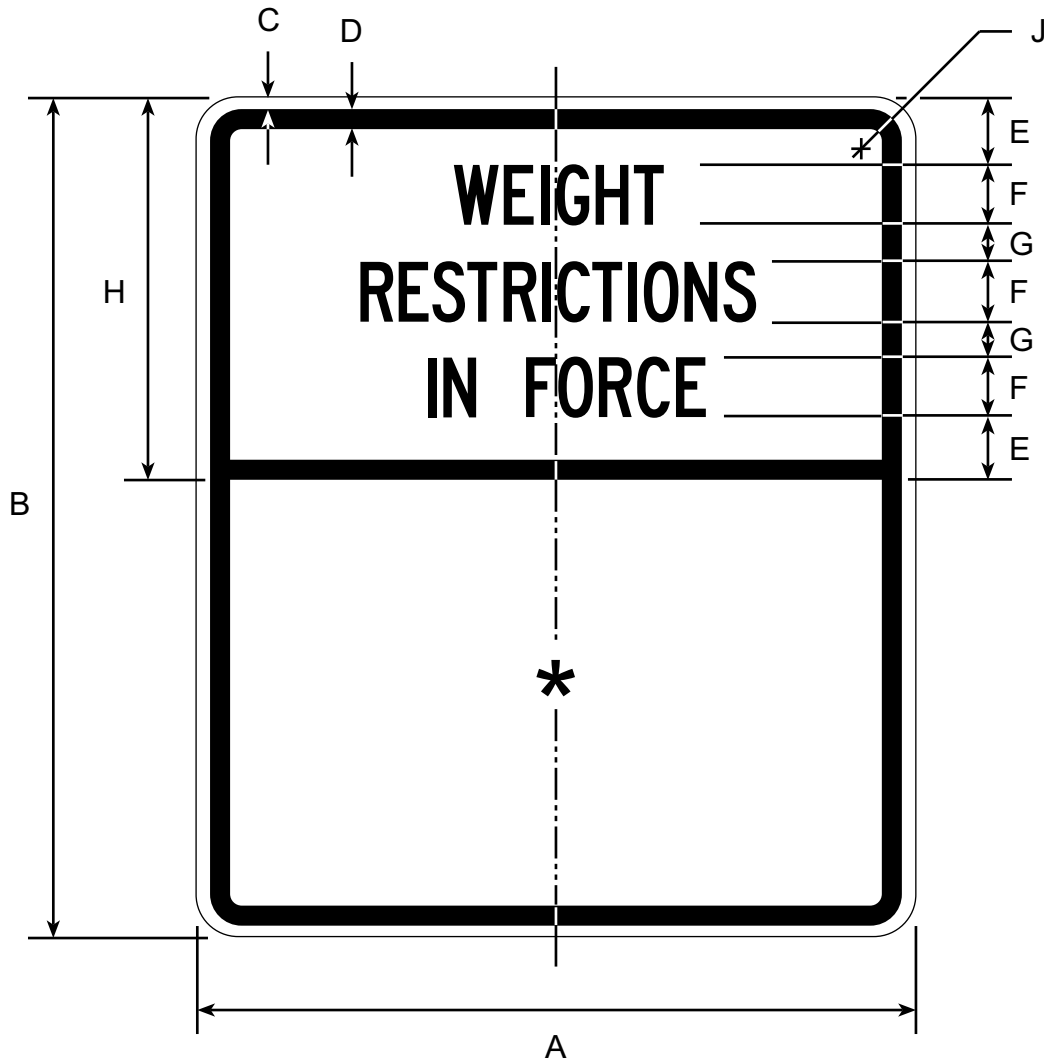
## COLORS

LEGEND — BLACK (NON-REFL)

BACKGROUND — WHITE (REFL)

# R12-501

4/06



\* This space reserved for legal notice

| DIMENSIONS (MILLIMETERS) |      |   |    |   |     |    |     |    |
|--------------------------|------|---|----|---|-----|----|-----|----|
| A                        | B    | C | D  | E | F   | G  | H   | J  |
| 900                      | 1050 | 9 | 16 | 3 | 75C | 50 | 475 | 38 |

| DIMENSIONS (INCHES) |    |     |     |   |    |   |    |       |
|---------------------|----|-----|-----|---|----|---|----|-------|
| A                   | B  | C   | D   | E | F  | G | H  | J     |
| 36                  | 42 | 3/8 | 5/8 | 3 | 3C | 2 | 19 | 1 1/2 |

## COLOR

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R12-502

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |      |    |     |    |
|--------------------------|------|----|----|------|----|-----|----|
| A                        | B    | C  | D  | E    | F  | G   | H  |
| 900                      | 1050 | 10 | 16 | 100C | 50 | 500 | 56 |

| DIMENSIONS (INCHES) |    |     |     |    |   |    |       |
|---------------------|----|-----|-----|----|---|----|-------|
| A                   | B  | C   | D   | E  | F | G  | H     |
| 36                  | 42 | 3/8 | 5/8 | 4C | 2 | 20 | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)



# R12-503

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |      |    |    |
|--------------------------|-----|----|----|------|------|----|----|
| A                        | B   | C  | D  | E    | F    | G  | H  |
| 900                      | 900 | 10 | 16 | 100C | 150C | 69 | 56 |

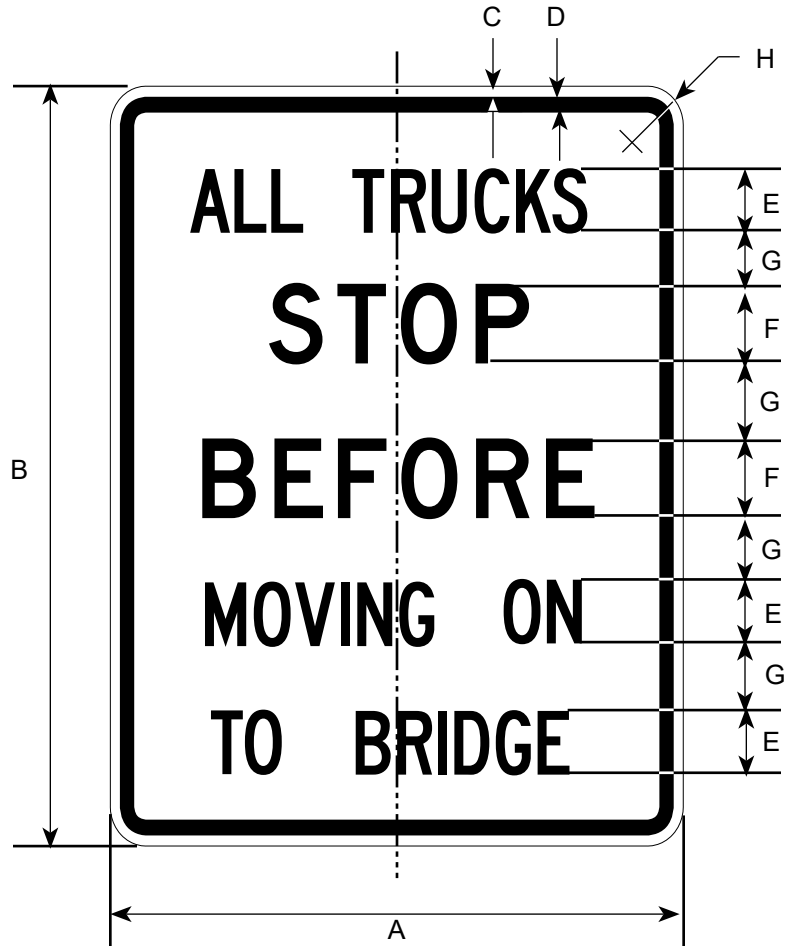
| DIMENSIONS (INCHES) |    |     |     |    |    |       |       |
|---------------------|----|-----|-----|----|----|-------|-------|
| A                   | B  | C   | D   | E  | F  | G     | H     |
| 36                  | 36 | 3/8 | 5/8 | 4C | 6C | 2 3/4 | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R12-1001

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |      |      |     |    |
|--------------------------|------|----|----|------|------|-----|----|
| A                        | B    | C  | D  | E    | F    | G   | H  |
| 900                      | 1200 | 16 | 22 | 100C | 125D | 119 | 56 |

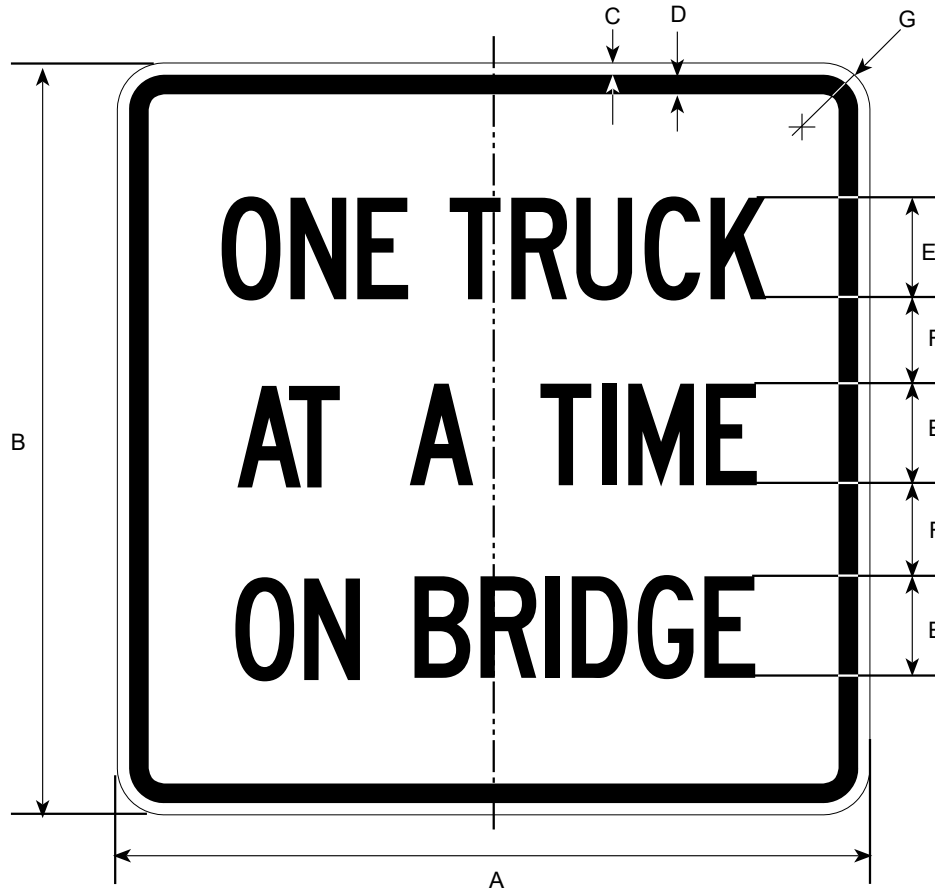
| DIMENSIONS (INCHES) |    |     |     |    |    |       |       |
|---------------------|----|-----|-----|----|----|-------|-------|
| A                   | B  | C   | D   | E  | F  | G     | H     |
| 36                  | 48 | 5/8 | 7/8 | 4C | 5D | 4 3/4 | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R12-1101

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |    |
|--------------------------|-----|----|----|------|----|----|
| A                        | B   | C  | D  | E    | F  | G  |
| 900                      | 900 | 16 | 22 | 125C | 78 | 56 |

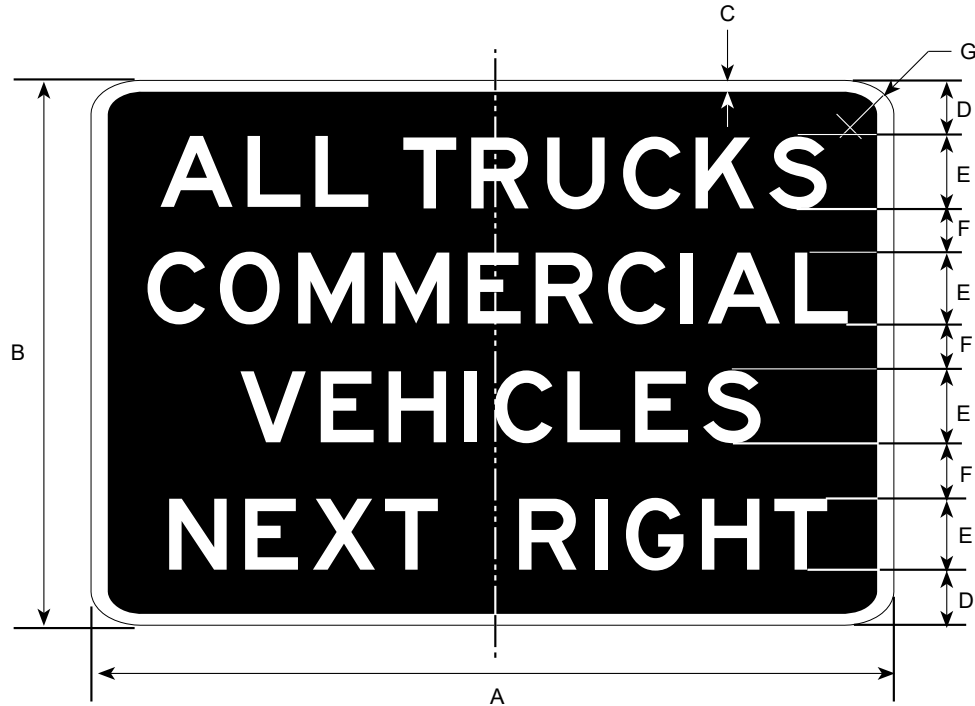
| DIMENSIONS (INCHES) |    |     |     |    |       |       |
|---------------------|----|-----|-----|----|-------|-------|
| A                   | B  | C   | D   | E  | F     | G     |
| 36                  | 36 | 5/8 | 7/8 | 5C | 3 1/8 | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R13-1

11/97



| DIMENSIONS (MILLIMETERS) |      |    |     |      |     |     |
|--------------------------|------|----|-----|------|-----|-----|
| A                        | B    | C  | D   | E    | F   | G   |
| 1800                     | 1200 | 38 | 150 | 150E | 100 | 75  |
| 2400                     | 1650 | 50 | 200 | 200E | 150 | 100 |
| 3000                     | 2100 | 50 | 250 | 250E | 200 | 125 |

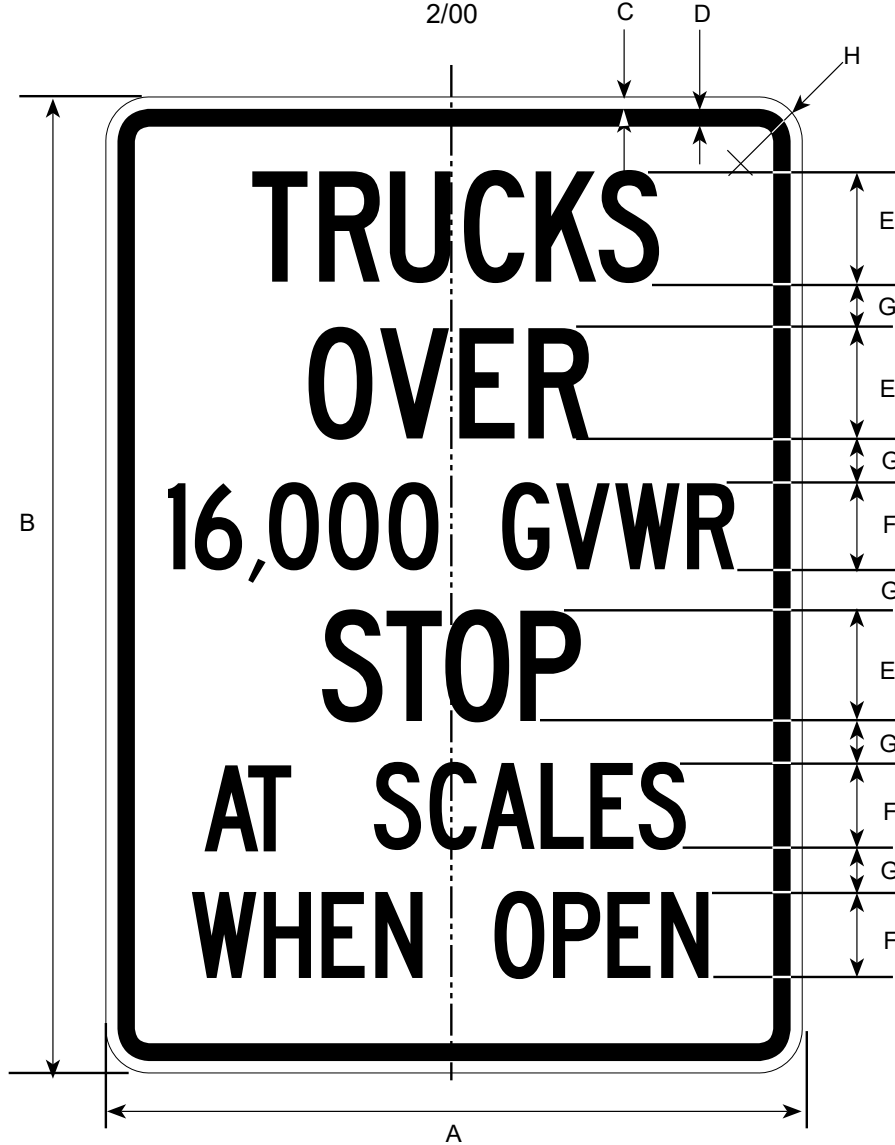
| DIMENSIONS (INCHES) |    |       |    |     |   |   |
|---------------------|----|-------|----|-----|---|---|
| A                   | B  | C     | D  | E   | F | G |
| 72                  | 48 | 1 1/2 | 6  | 6E  | 4 | 3 |
| 96                  | 66 | 2     | 8  | 8E  | 6 | 4 |
| 120                 | 84 | 2     | 10 | 10E | 8 | 5 |

## COLORS

LEGEND - WHITE (REFL)  
 BACKGROUND - BLACK (NON-REFL)

# R13-201

2/00



| DIMENSIONS (MILLIMETERS) |      |    |    |      |      |     |    |
|--------------------------|------|----|----|------|------|-----|----|
| A                        | B    | C  | D  | E    | F    | G   | H  |
| 1200                     | 1800 | 19 | 31 | 200C | 150C | 119 | 75 |

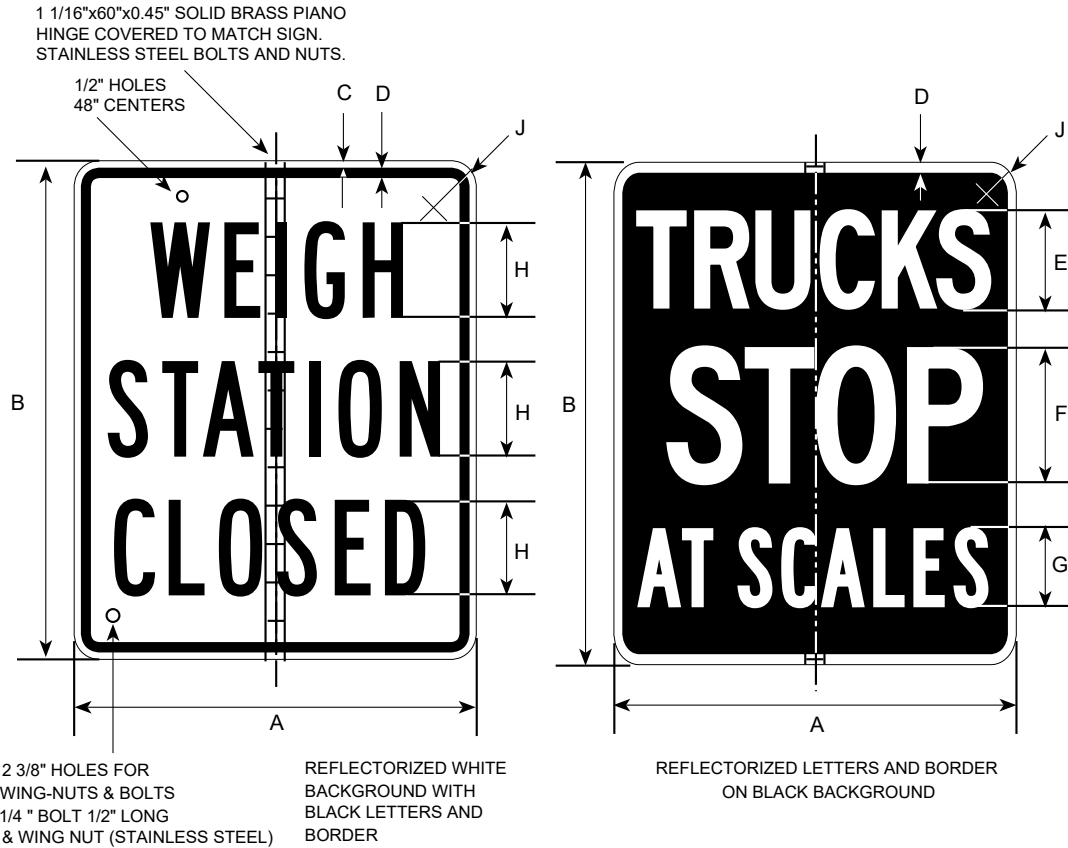
| DIMENSIONS (INCHES) |    |     |       |    |    |       |   |
|---------------------|----|-----|-------|----|----|-------|---|
| A                   | B  | C   | D     | E  | F  | G     | H |
| 48                  | 72 | 3/4 | 1 1/4 | 8C | 6C | 4 3/4 | 3 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R13-301

11/97



SIGN SIZE 48"x60". THIS SIGN IS COMPRISED OF ONE FULL SIZED PANEL AND ONE HALF-SIZED PANEL. HALF OF EACH MESSAGE IS ON THE FULL-SIZED PANEL. ALSO HALF OF EACH MESSAGE IS ON THE FRONT AND BACK OF THE HALF-SIZED PANEL. SIGN LOCATION IS BETWEEN THE "WEIGH STATION RIGHT LANE" AND "WEIGH STATION" GORE SIGN.

| DIMENSIONS (MILLIMETERS) |      |    |    |      |      |      |      |    |
|--------------------------|------|----|----|------|------|------|------|----|
| A                        | B    | C  | D  | E    | F    | G    | H    | J  |
| 1200                     | 1500 | 19 | 31 | 250C | 350C | 200B | 250B | 75 |

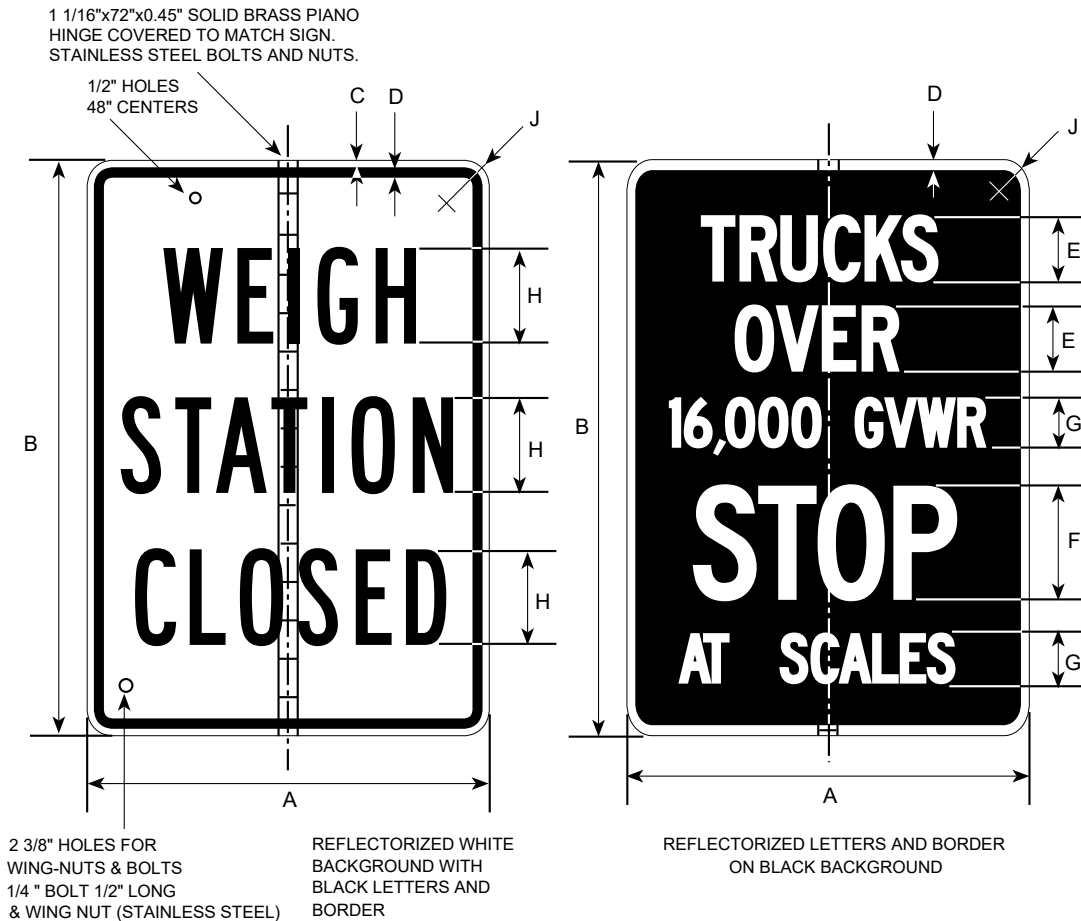
| DIMENSIONS (INCHES) |    |     |       |     |     |    |     |   |
|---------------------|----|-----|-------|-----|-----|----|-----|---|
| A                   | B  | C   | D     | E   | F   | G  | H   | J |
| 48                  | 60 | 3/4 | 1 1/4 | 10C | 14C | 8B | 10B | 3 |

## COLORS

LEGEND - SEE ABOVE  
BACKGROUND - SEE ABOVE

# R13-302

8/97



SIGN SIZE 48"x72". THIS SIGN IS COMPRISED OF ONE FULL SIZED PANEL AND ONE HALF-SIZED PANEL. HALF OF EACH MESSAGE IS ON THE FULL-SIZED PANEL. ALSO HALF OF EACH MESSAGE IS ON THE FRONT AND BACK OF THE HALF-SIZED PANEL. SIGN LOCATION IS BETWEEN THE "WEIGH STATION RIGHT LANE" AND "WEIGH STATION" GORE SIGN.

| DIMENSIONS (MILLIMETERS) |      |    |    |      |      |      |      |    |
|--------------------------|------|----|----|------|------|------|------|----|
| A                        | B    | C  | D  | E    | F    | G    | H    | J  |
| 1200                     | 1800 | 19 | 31 | 200C | 350C | 150C | 250B | 75 |

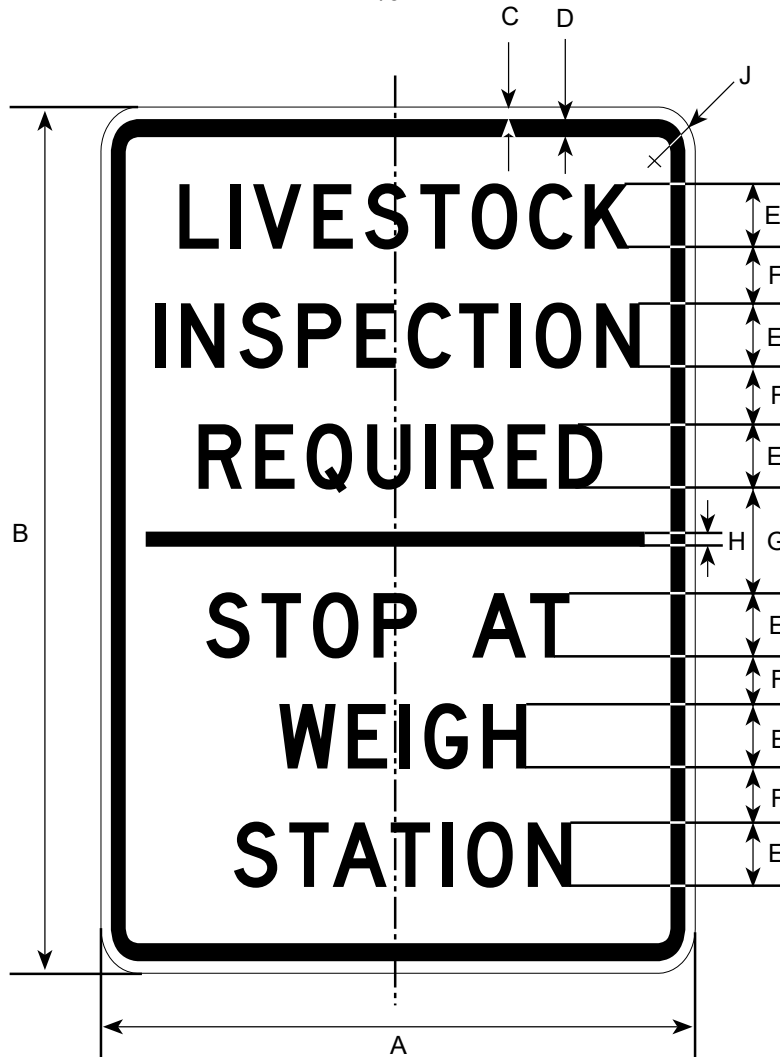
| DIMENSIONS (INCHES) |    |     |       |    |     |    |     |   |
|---------------------|----|-----|-------|----|-----|----|-----|---|
| A                   | B  | C   | D     | E  | F   | G  | H   | J |
| 48                  | 72 | 3/4 | 1 1/4 | 8C | 14C | 6C | 10B | 3 |

## COLORS

LEGEND - SEE ABOVE  
BACKGROUND - SEE ABOVE

# R13-401

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |      |     |     |    |    |
|--------------------------|------|----|----|------|-----|-----|----|----|
| A                        | B    | C  | D  | E    | F   | G   | H  | J  |
| 1200                     | 1800 | 19 | 31 | 150D | 100 | 200 | 25 | 75 |

| DIMENSIONS (INCHES) |    |     |       |    |   |   |   |   |
|---------------------|----|-----|-------|----|---|---|---|---|
| A                   | B  | C   | D     | E  | F | G | H | J |
| 48                  | 72 | 3/4 | 1 1/4 | 6D | 4 | 8 | 1 | 3 |

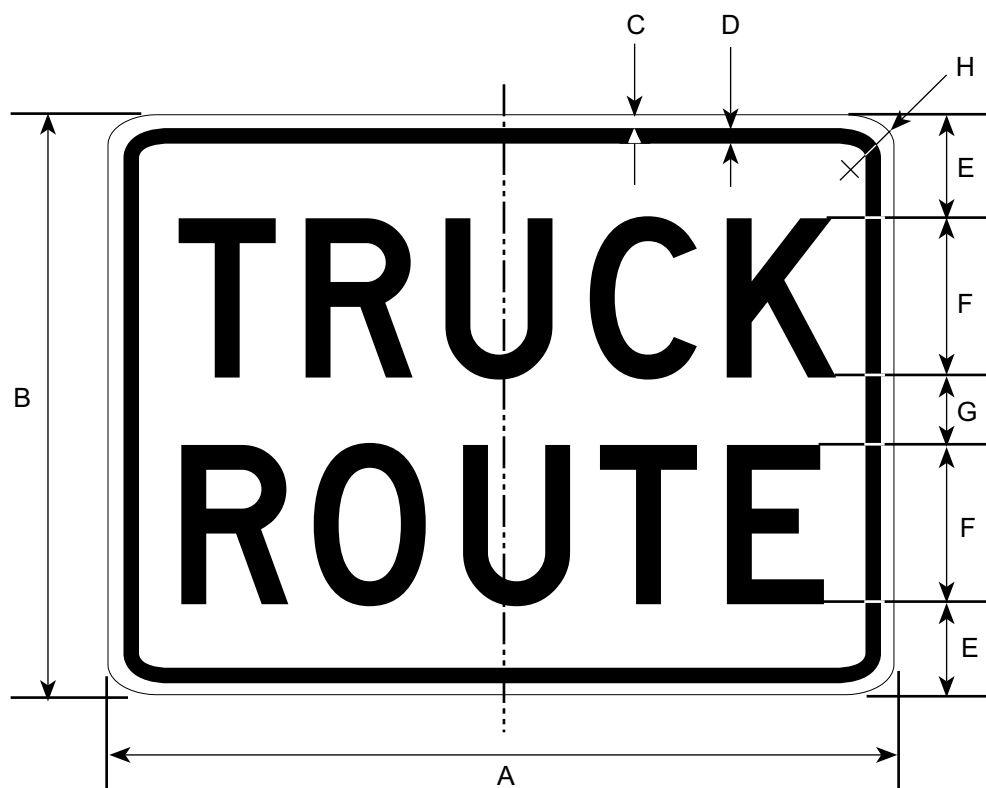
## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)



# R14-1

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |    |      |    |    |
|--------------------------|-----|----|----|----|------|----|----|
| A                        | B   | C  | D  | E  | F    | G  | H  |
| 600                      | 450 | 10 | 16 | 75 | 125D | 50 | 38 |

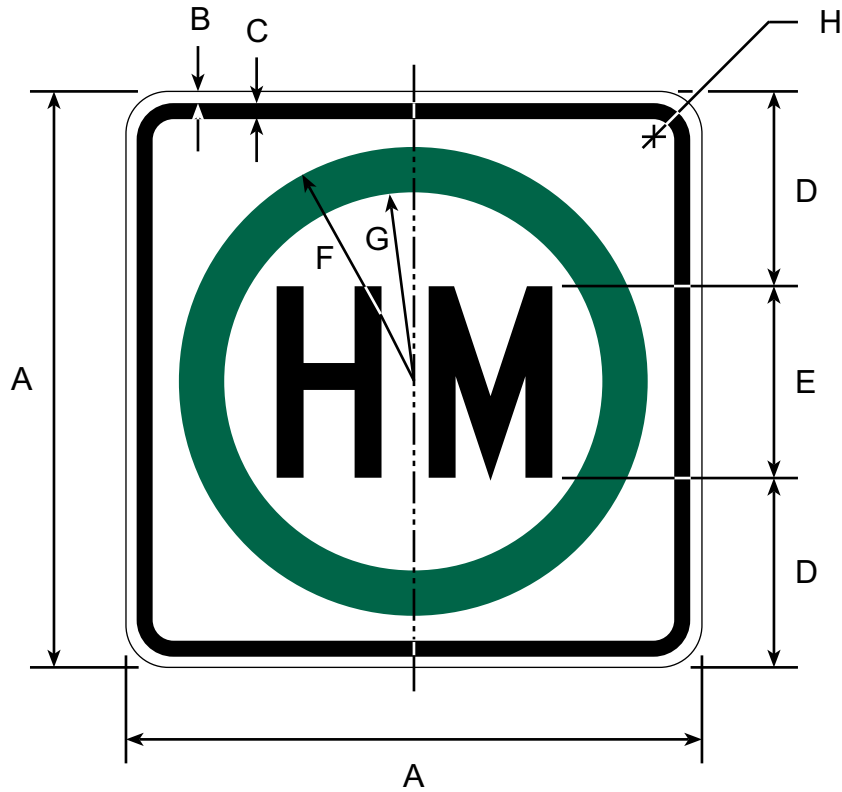
| DIMENSIONS (INCHES) |    |     |     |   |    |   |       |
|---------------------|----|-----|-----|---|----|---|-------|
| A                   | B  | C   | D   | E | F  | G | H     |
| 24                  | 18 | 3/8 | 5/8 | 3 | 5D | 2 | 1 1/2 |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — WHITE (REFL)

# R14-2

4/06



| DIMENSIONS (MILLIMETERS) |    |    |     |      |     |     |    |
|--------------------------|----|----|-----|------|-----|-----|----|
| A                        | B  | C  | D   | E    | F   | G   | H  |
| 600                      | 9  | 16 | 187 | 187C | 250 | 200 | 38 |
| 750                      | 13 | 19 | 250 | 250C | 313 | 250 | 47 |
| 900                      | 16 | 22 | 300 | 300C | 375 | 300 | 56 |
| 1050                     | 16 | 22 | 350 | 350C | 438 | 350 | 56 |

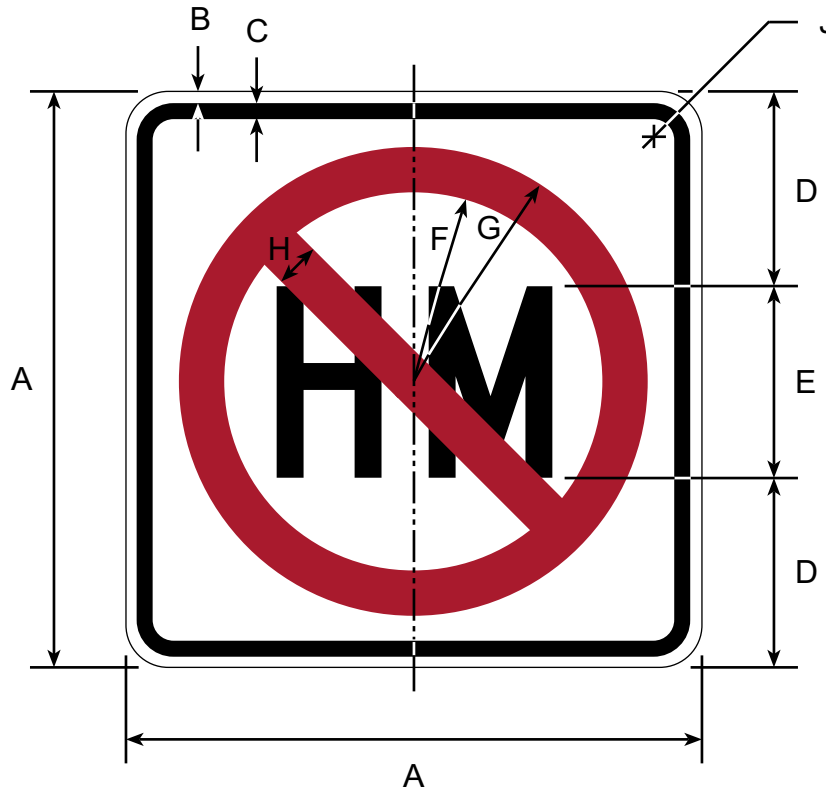
| DIMENSIONS (INCHES) |     |     |       |     |        |    |       |
|---------------------|-----|-----|-------|-----|--------|----|-------|
| A                   | B   | C   | D     | E   | F      | G  | H     |
| 24                  | 3/8 | 5/8 | 7 1/2 | 9C  | 10     | 8  | 1 1/2 |
| 30                  | 1/2 | 3/4 | 10    | 10C | 12 1/2 | 10 | 1 7/8 |
| 36                  | 5/8 | 7/8 | 12    | 12C | 15     | 12 | 2 1/4 |
| 42                  | 5/8 | 7/8 | 14    | 14C | 17 1/2 | 14 | 2 1/4 |

## COLORS

LETTERS & BORDER - BLACK (NON-REFL)  
 CIRCLE - GREEN (REFL)  
 BACKGROUND - WHITE (REFL)

# R14-3

4/06



## DIMENSIONS (MILLIMETERS)

| A    | B  | C  | D   | E    | F   | G   | H  | J  |
|------|----|----|-----|------|-----|-----|----|----|
| 600  | 9  | 16 | 187 | 187C | 200 | 250 | 50 | 38 |
| 750  | 13 | 19 | 250 | 250C | 250 | 313 | 63 | 47 |
| 900  | 16 | 22 | 300 | 300C | 300 | 375 | 75 | 56 |
| 1050 | 16 | 22 | 350 | 350C | 350 | 438 | 88 | 56 |

## DIMENSIONS (INCHES)

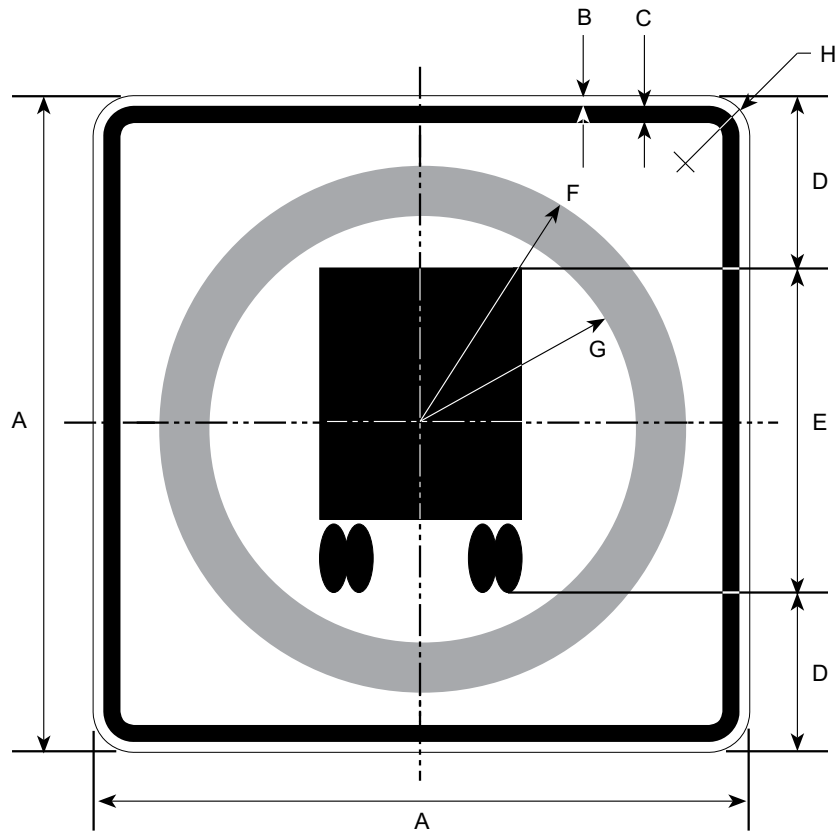
| A  | B   | C   | D     | E   | F  | G      | H     | J     |
|----|-----|-----|-------|-----|----|--------|-------|-------|
| 24 | 3/8 | 5/8 | 7 1/2 | 9C  | 8  | 10     | 2     | 1 1/2 |
| 30 | 1/2 | 3/4 | 10    | 10C | 10 | 12 1/2 | 2 1/2 | 1 7/8 |
| 36 | 5/8 | 7/8 | 12    | 12C | 12 | 15     | 3     | 2 1/4 |
| 42 | 5/8 | 7/8 | 14    | 14C | 14 | 17 1/2 | 3 1/2 | 2 1/4 |

## COLORS

LETTERS & BORDER - BLACK (NON-REFL)  
 CIRCLE & DIAGONAL - RED (REFL)  
 BACKGROUND - WHITE (REFL)

# R14-4

11/97



| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |     |    |
|--------------------------|----|----|-----|-----|-----|-----|----|
| A                        | B  | C  | D   | E   | F   | G   | H  |
| 600                      | 10 | 16 | 125 | 350 | 263 | 213 | 38 |
| 750                      | 13 | 19 | 156 | 438 | 328 | 266 | 47 |
| 900                      | 16 | 22 | 188 | 525 | 394 | 319 | 56 |
| 1200                     | 19 | 31 | 250 | 700 | 525 | 425 | 75 |

| DIMENSIONS (INCHES) |     |       |       |        |        |        |       |
|---------------------|-----|-------|-------|--------|--------|--------|-------|
| A                   | B   | C     | D     | E      | F      | G      | H     |
| 24                  | 3/8 | 5/8   | 5     | 14     | 10 1/2 | 8 1/2  | 1 1/2 |
| 30                  | 1/2 | 3/4   | 6 1/4 | 17 1/2 | 13 1/8 | 10 5/8 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 7 1/2 | 21     | 15 3/4 | 12 3/4 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 10    | 28     | 21     | 17     | 3     |

## COLORS

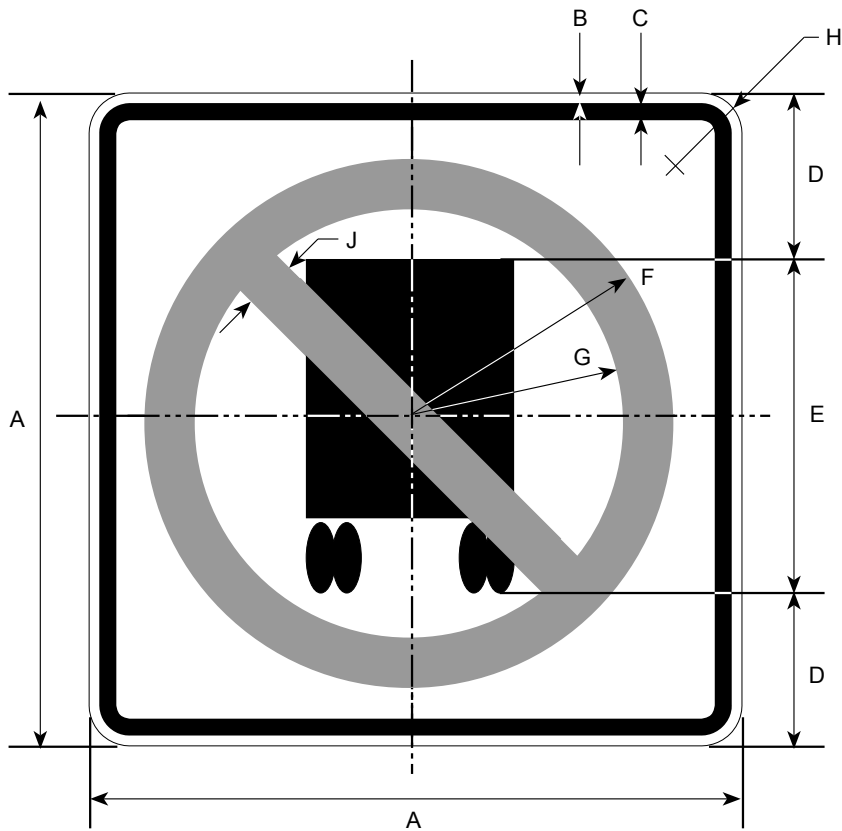
SYMBOL AND BORDER — BLACK (NON-REFL)

BACKGROUND — WHITE (REFL)

CIRCLE — GREEN (REFL)

# R14-5

11/97



| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |     |    |     |
|--------------------------|----|----|-----|-----|-----|-----|----|-----|
| A                        | B  | C  | D   | E   | F   | G   | H  | J   |
| 600                      | 10 | 16 | 125 | 350 | 263 | 213 | 38 | 50  |
| 750                      | 13 | 19 | 156 | 438 | 328 | 266 | 47 | 63  |
| 900                      | 16 | 22 | 188 | 525 | 394 | 319 | 56 | 75  |
| 1200                     | 19 | 31 | 250 | 700 | 525 | 425 | 75 | 100 |

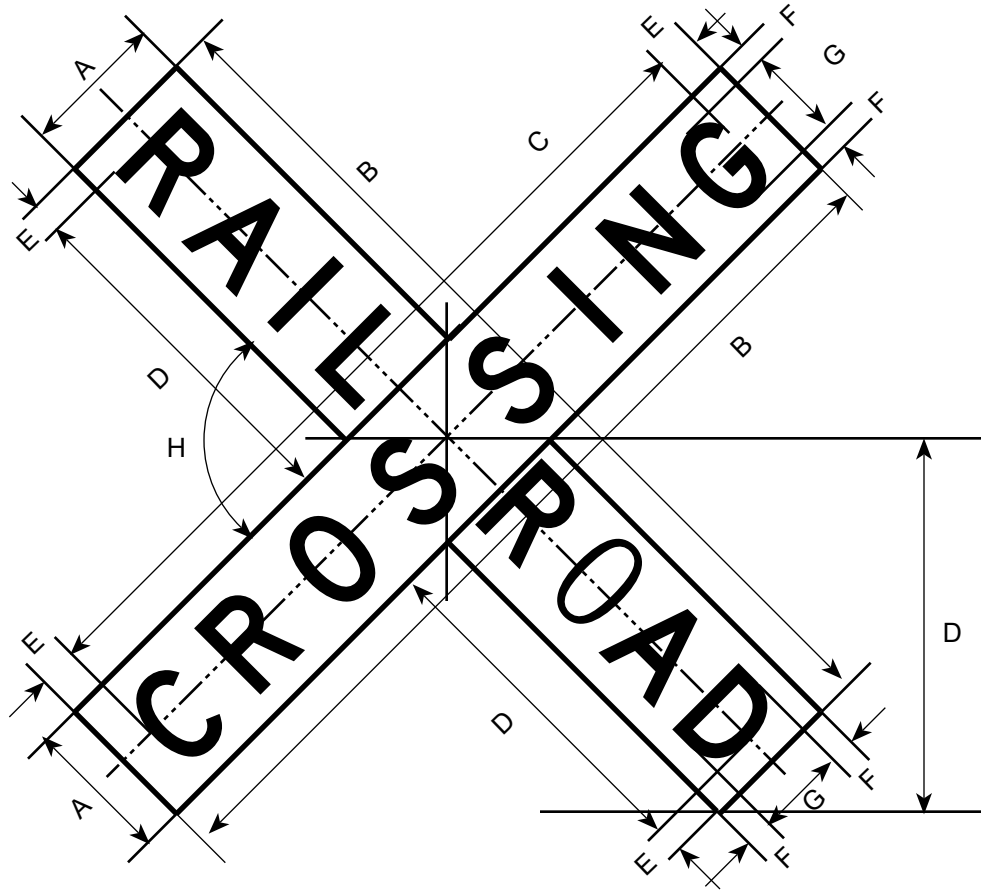
| DIMENSIONS (INCHES) |     |       |       |        |        |        |       |       |
|---------------------|-----|-------|-------|--------|--------|--------|-------|-------|
| A                   | B   | C     | D     | E      | F      | G      | H     | J     |
| 24                  | 3/8 | 5/8   | 5     | 14     | 10 1/2 | 8 1/2  | 1 1/2 | 2     |
| 30                  | 1/2 | 3/4   | 6 1/4 | 17 1/2 | 13 1/8 | 10 5/8 | 1 7/8 | 2 1/2 |
| 36                  | 5/8 | 7/8   | 7 1/2 | 21     | 15 3/4 | 12 3/4 | 2 1/4 | 3     |
| 48                  | 3/4 | 1 1/4 | 10    | 28     | 21     | 17     | 3     | 4     |

## COLORS

SYMBOL, BORDER, LEGEND — BLACK (NON-REFL)  
 BACKGROUND — WHITE (REFL)  
 CIRCLE AND DIAGONAL — RED (REFL)

# R15-1

11/97



| DIMENSIONS (MILLIMETERS) |      |      |     |    |    |      |     |
|--------------------------|------|------|-----|----|----|------|-----|
| A                        | B    | C    | D   | E  | F  | G    | H   |
| 225                      | 1200 | 1125 | 450 | 38 | 44 | 138D | 90° |

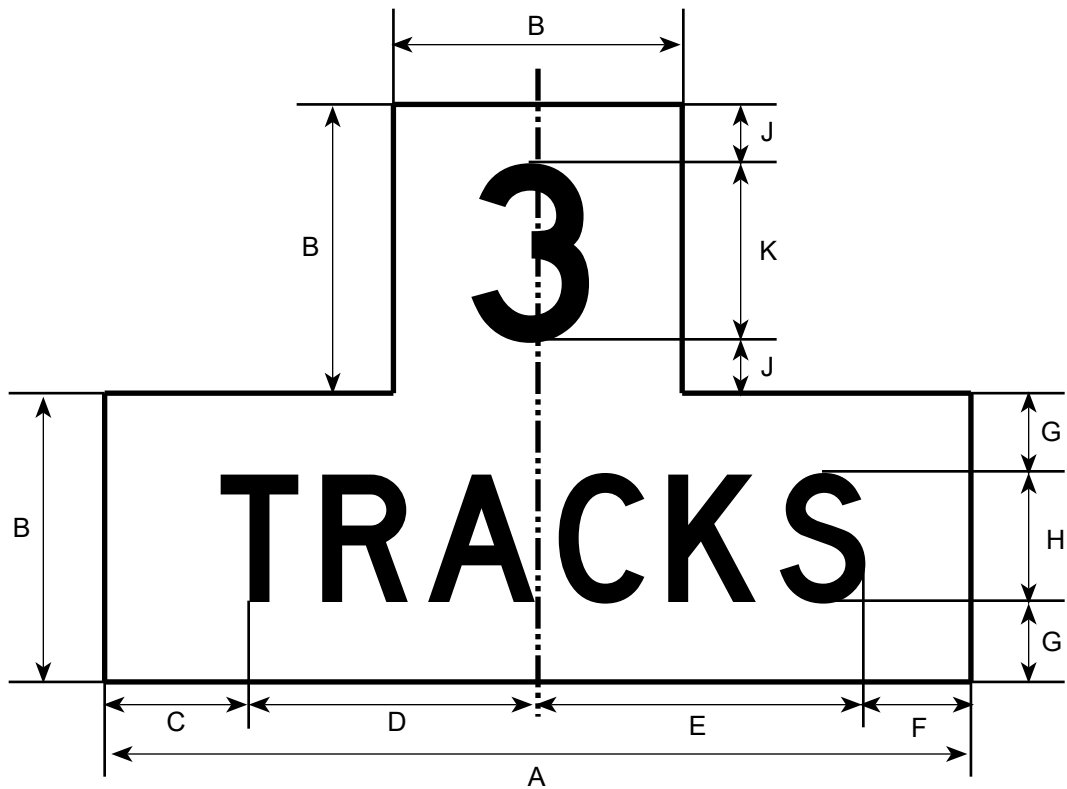
| DIMENSIONS (INCHES) |    |    |    |       |       |        |     |
|---------------------|----|----|----|-------|-------|--------|-----|
| A                   | B  | C  | D  | E     | F     | G      | H   |
| 9                   | 48 | 45 | 18 | 1 1/2 | 1 3/4 | 5 1/2D | 90° |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R15-2

11/97



| DIMENSIONS (MILLIMETERS) |     |    |     |     |    |    |      |    |      |
|--------------------------|-----|----|-----|-----|----|----|------|----|------|
| A                        | B   | C  | D   | E   | F  | G  | H    | J  | K    |
| 675                      | 225 | 88 | 250 | 247 | 91 | 63 | 100D | 44 | 138D |

| DIMENSIONS (INCHES) |   |       |    |       |       |       |    |       |        |
|---------------------|---|-------|----|-------|-------|-------|----|-------|--------|
| A                   | B | C     | D  | E     | F     | G     | H  | J     | K      |
| 27                  | 9 | 3 1/2 | 10 | 9 7/8 | 3 5/8 | 2 1/2 | 4D | 1 3/4 | 5 1/2D |

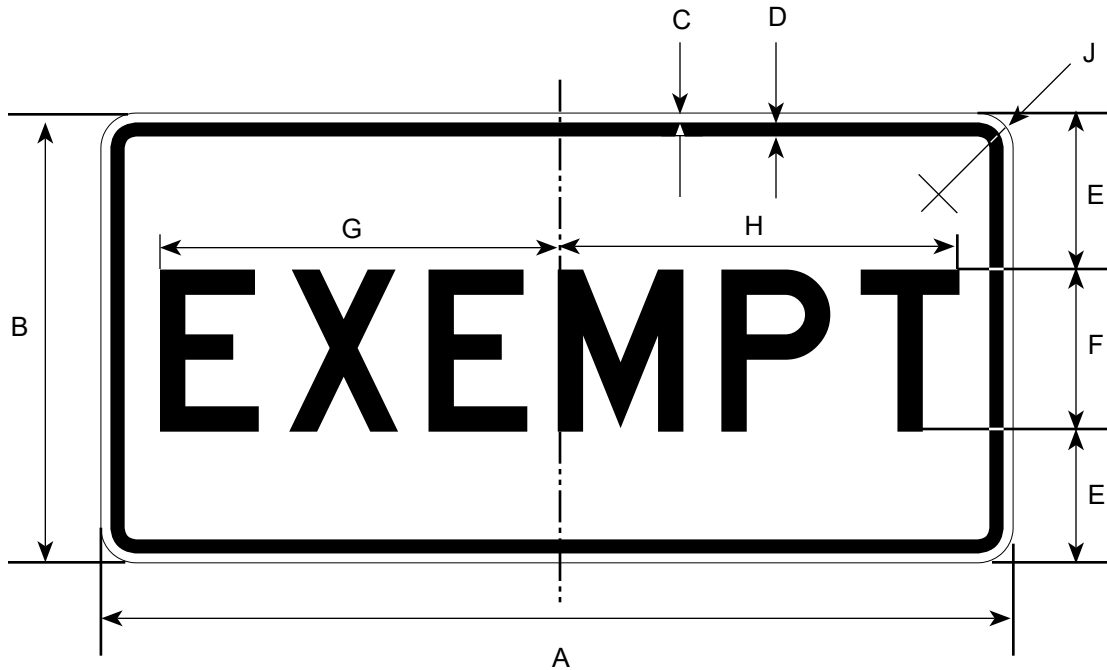
COLORS (may be reversed)

LEGEND - BLACK (NON REFL)

BACKGROUND - WHITE (REFL)

# R15-3

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |     |     |    |
|--------------------------|-----|----|----|-----|------|-----|-----|----|
| A                        | B   | C  | D  | E   | F    | G   | H   | J  |
| 600                      | 300 | 10 | 16 | 100 | 100D | 244 | 250 | 38 |

| DIMENSIONS (INCHES) |    |     |     |   |    |       |    |       |
|---------------------|----|-----|-----|---|----|-------|----|-------|
| A                   | B  | C   | D   | E | F  | G     | H  | J     |
| 24                  | 12 | 3/8 | 5/8 | 4 | 4D | 9 3/4 | 10 | 1 1/2 |

(FOR USE WITH MUTCD W10-1)

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

(FOR USE WITH MUTCD R15-1)

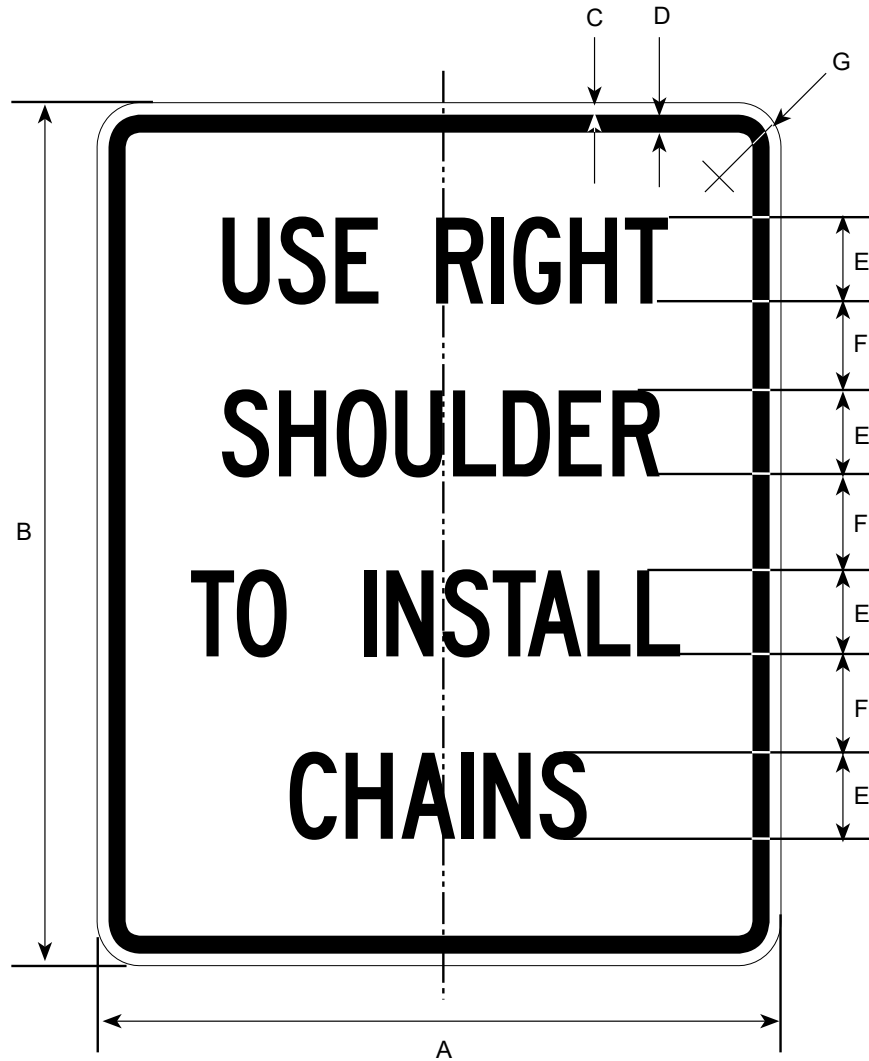
## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)



# R16-101

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |      |     |    |
|--------------------------|------|----|----|------|-----|----|
| A                        | B    | C  | D  | E    | F   | G  |
| 1200                     | 1500 | 19 | 31 | 150C | 163 | 75 |

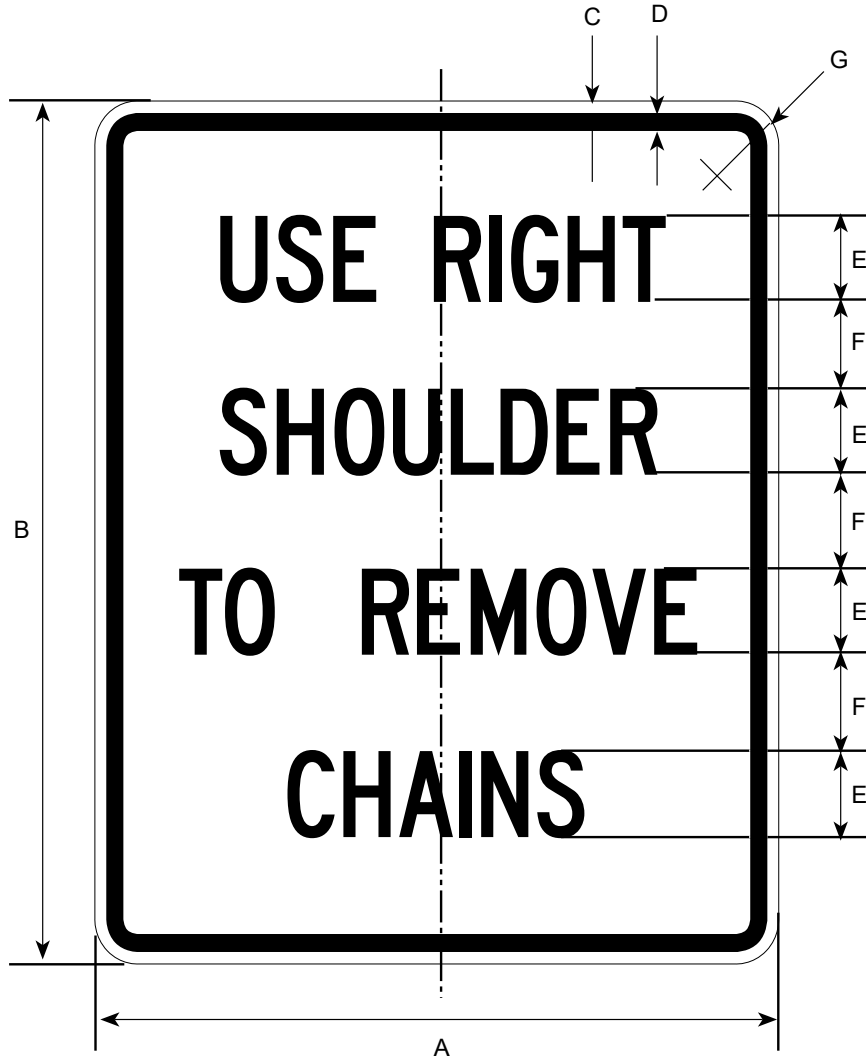
| DIMENSIONS (INCHES) |    |     |       |    |       |   |
|---------------------|----|-----|-------|----|-------|---|
| A                   | B  | C   | D     | E  | F     | G |
| 48                  | 60 | 3/4 | 1 1/4 | 6C | 6 1/2 | 3 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (NON-REFL)

# R16-102

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |      |     |    |
|--------------------------|------|----|----|------|-----|----|
| A                        | B    | C  | D  | E    | F   | G  |
| 1200                     | 1500 | 19 | 31 | 150C | 163 | 75 |

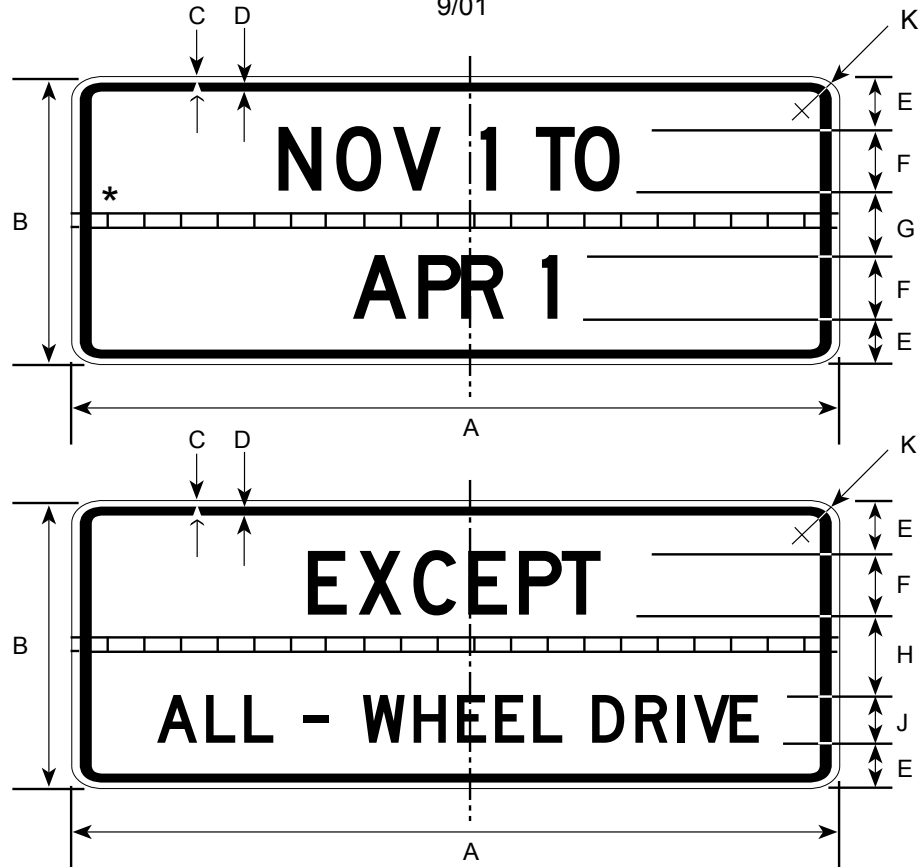
| DIMENSIONS (INCHES) |    |     |       |    |       |   |
|---------------------|----|-----|-------|----|-------|---|
| A                   | B  | C   | D     | E  | F     | G |
| 48                  | 60 | 3/4 | 1 1/4 | 6C | 6 1/2 | 3 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (NON-REFL)

# R16-203

9/01



\* 1 1/16"x48"x0.45" PIANO  
HINGE COVERED TO MATCH SIGN (TYP.)

| DIMENSIONS (MILLIMETERS) |     |    |    |    |      |     |     |     |    |
|--------------------------|-----|----|----|----|------|-----|-----|-----|----|
| A                        | B   | C  | D  | E  | F    | G   | H   | J   | K  |
| 1200                     | 450 | 16 | 22 | 75 | 100D | 100 | 125 | 75D | 56 |

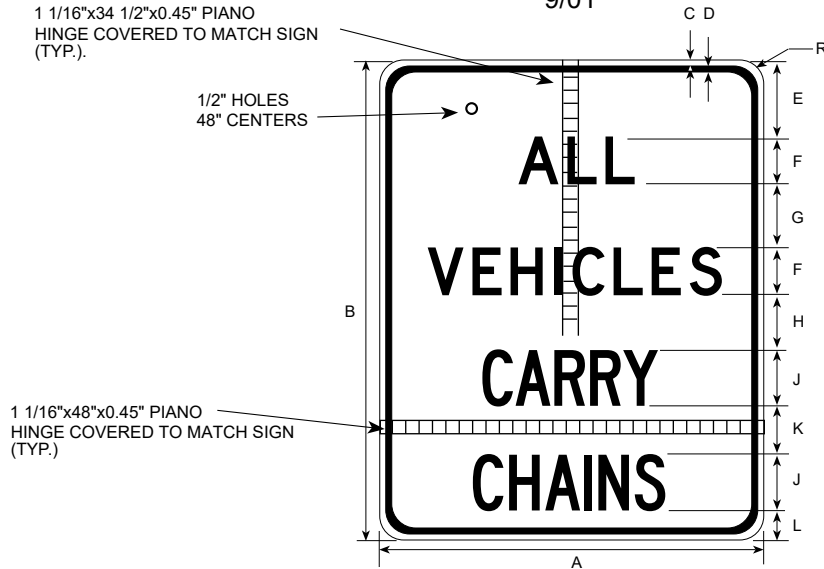
| DIMENSIONS (INCHES) |    |     |     |   |    |   |   |    |       |
|---------------------|----|-----|-----|---|----|---|---|----|-------|
| A                   | B  | C   | D   | E | F  | G | H | J  | K     |
| 48                  | 18 | 5/8 | 7/8 | 3 | 4D | 4 | 5 | 3D | 2 1/4 |

## COLORS

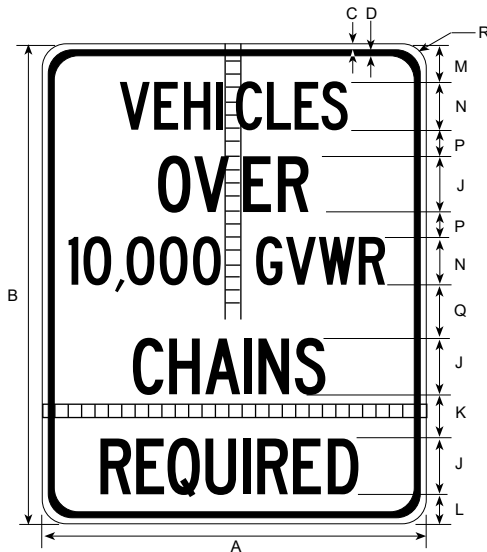
LEGEND — BLACK (NON-REFL)  
BACKGROUND — WHITE (REFL)

# R16-2100

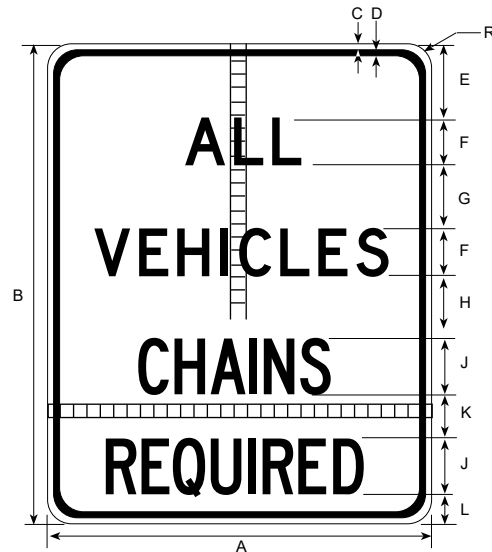
9/01



# R16-2101



# R16-2102



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |     |      |     |    |    |      |    |     |    |
|--------------------------|------|----|----|-----|------|-----|-----|------|-----|----|----|------|----|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H   | J    | K   | L  | M  | N    | P  | Q   | R  |
| 1200                     | 1500 | 19 | 31 | 350 | 150D | 200 | 175 | 175C | 144 | 94 | 19 | 150C | 81 | 169 | 75 |

| DIMENSIONS (INCHES) |    |     |       |    |    |   |   |    |       |       |       |    |       |       |   |
|---------------------|----|-----|-------|----|----|---|---|----|-------|-------|-------|----|-------|-------|---|
| A                   | B  | C   | D     | E  | F  | G | H | J  | K     | L     | M     | N  | P     | Q     | R |
| 48                  | 60 | 3/4 | 1 1/4 | 10 | 6D | 8 | 7 | 7C | 5 3/4 | 3 3/4 | 4 3/4 | 6C | 3 1/4 | 6 3/4 | 3 |

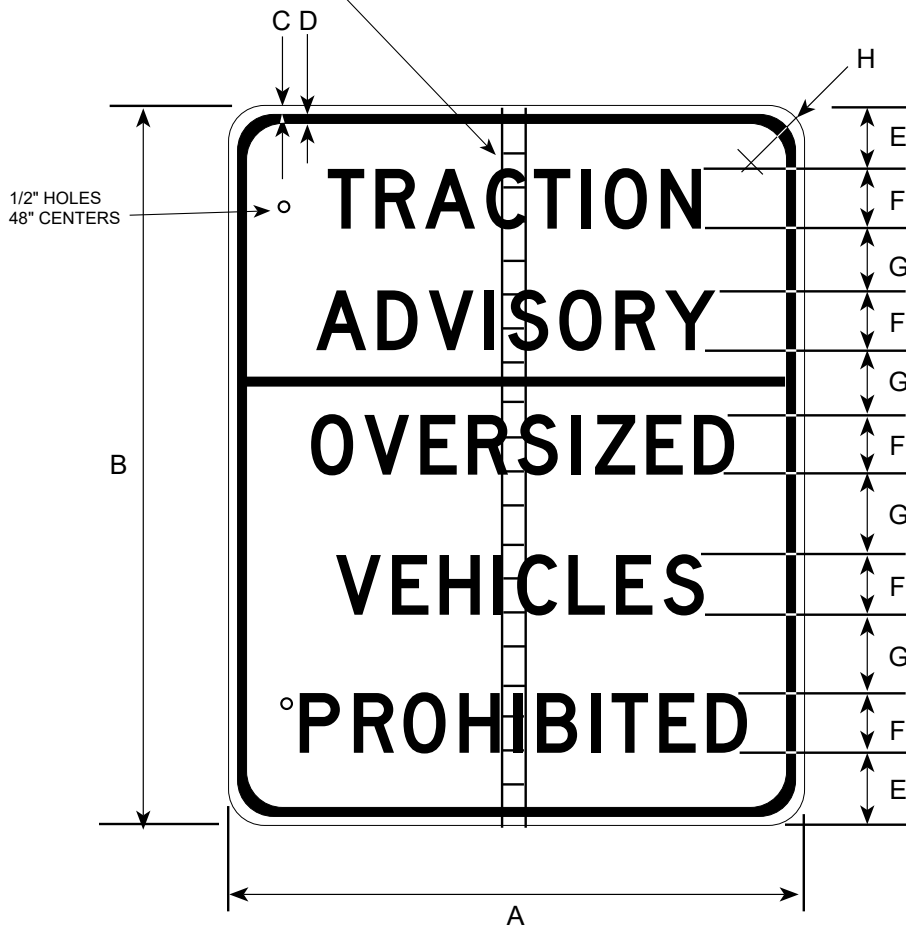
## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R16-2103

9/01

1 1/16"x60" 1/2"x0.45" PIANO  
HINGE COVERED TO MATCH SIGN  
(TYP.).



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |    |
|--------------------------|------|----|----|-----|------|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H  |
| 1200                     | 1500 | 19 | 31 | 163 | 125D | 138 | 75 |

| DIMENSIONS (INCHES) |    |     |       |       |    |       |   |
|---------------------|----|-----|-------|-------|----|-------|---|
| A                   | B  | C   | D     | E     | F  | G     | H |
| 48                  | 72 | 3/4 | 1 1/4 | 6 1/2 | 5D | 5 1/2 | 3 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R16-301

11/97



| DIMENSIONS (MILLIMETERS) |     |    |      |    |    |
|--------------------------|-----|----|------|----|----|
| A                        | B   | C  | D    | E  | F  |
| 900                      | 600 | 16 | 100C | 63 | 38 |
| 1200                     | 900 | 31 | 150C | 94 | 75 |

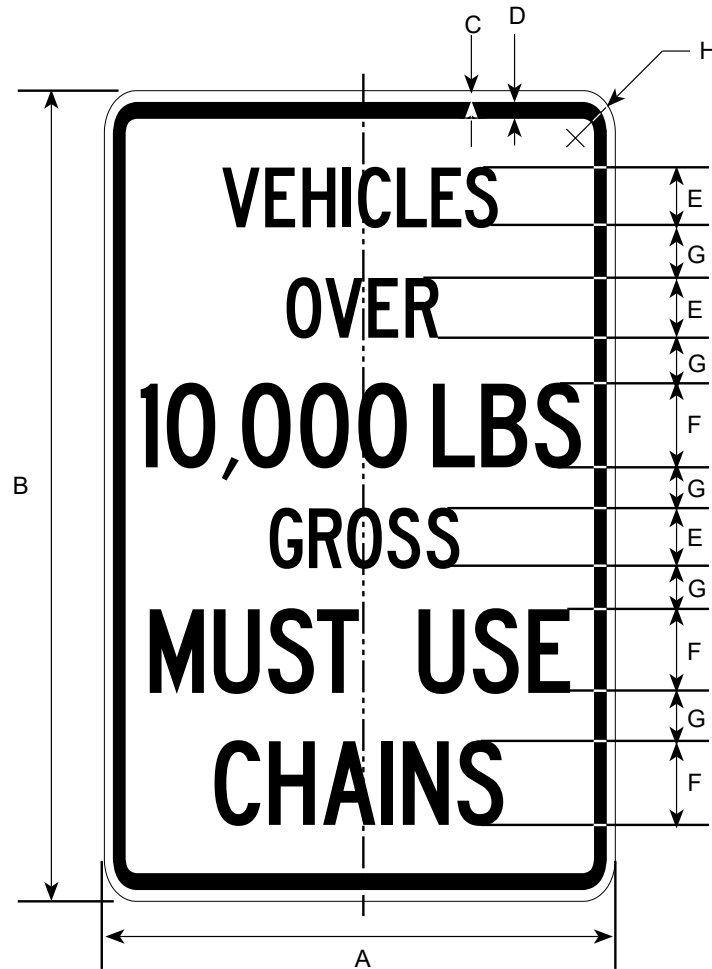
| DIMENSIONS (INCHES) |    |       |    |       |       |
|---------------------|----|-------|----|-------|-------|
| A                   | B  | C     | D  | E     | F     |
| 36                  | 24 | 5/8   | 4C | 2 1/2 | 1 1/2 |
| 48                  | 36 | 1 1/4 | 6C | 3 3/4 | 3     |

## COLORS

LEGEND - WHITE (REFL)  
BACKGROUND - BLACK (NON-REFL)

# R16-501

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |      |      |     |    |
|--------------------------|------|----|----|------|------|-----|----|
| A                        | B    | C  | D  | E    | F    | G   | H  |
| 1200                     | 1800 | 19 | 31 | 125C | 175C | 113 | 75 |

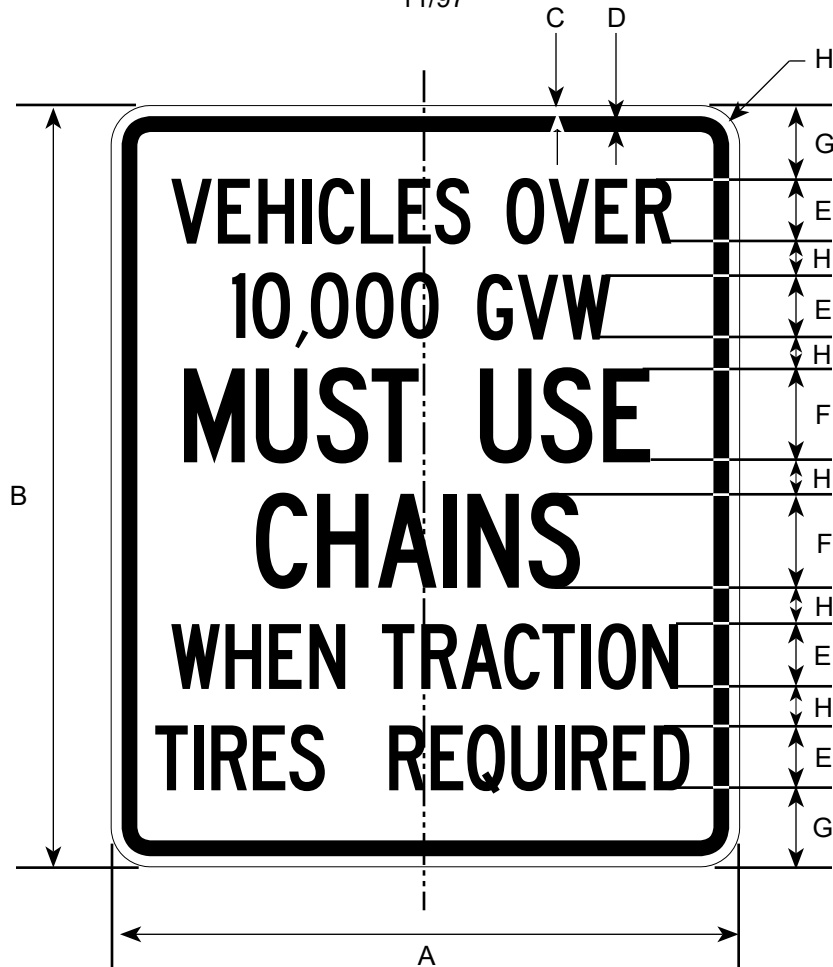
| DIMENSIONS (INCHES) |    |     |       |    |    |       |   |
|---------------------|----|-----|-------|----|----|-------|---|
| A                   | B  | C   | D     | E  | F  | G     | H |
| 48                  | 72 | 3/4 | 1 1/4 | 5C | 7C | 4 1/2 | 3 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R16-501A

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |      |      |     |    |
|--------------------------|------|----|----|------|------|-----|----|
| A                        | B    | C  | D  | E    | F    | G   | H  |
| 1200                     | 1500 | 19 | 31 | 125C | 175C | 137 | 75 |

| DIMENSIONS (INCHES) |    |     |       |    |    |       |   |
|---------------------|----|-----|-------|----|----|-------|---|
| A                   | B  | C   | D     | E  | F  | G     | H |
| 48                  | 60 | 3/4 | 1 1/4 | 5C | 7C | 5 1/2 | 3 |

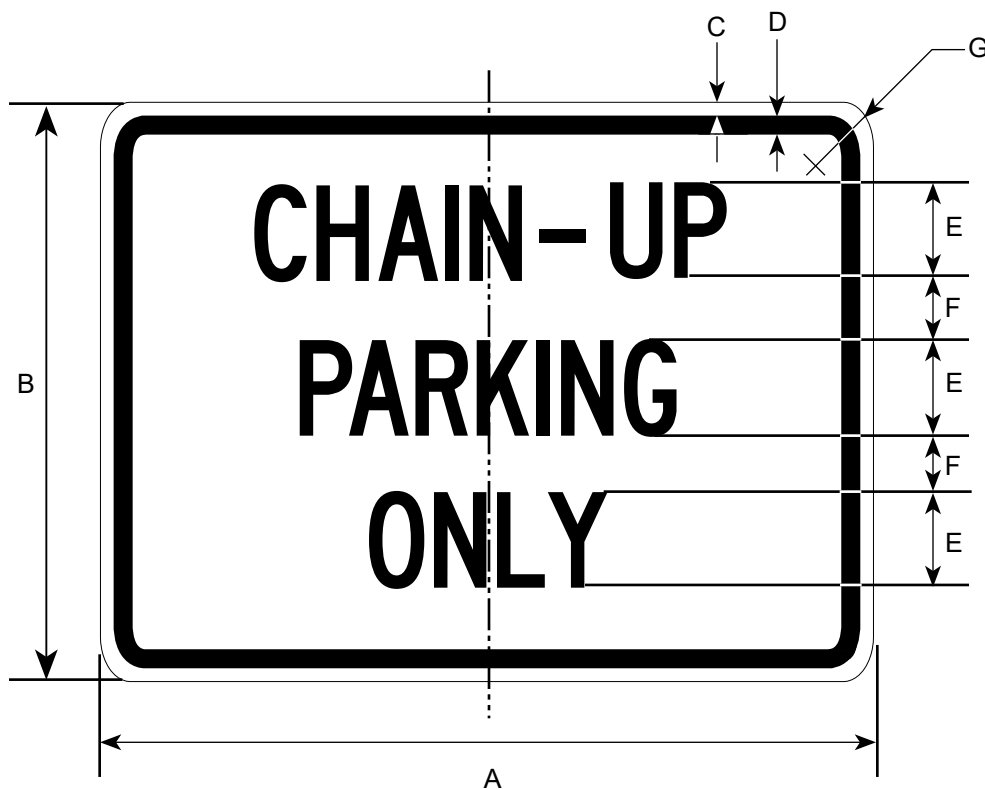
## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)



# R16-601

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |     |    |
|--------------------------|-----|----|----|------|-----|----|
| A                        | B   | C  | D  | E    | F   | G  |
| 1200                     | 900 | 19 | 31 | 150C | 125 | 56 |

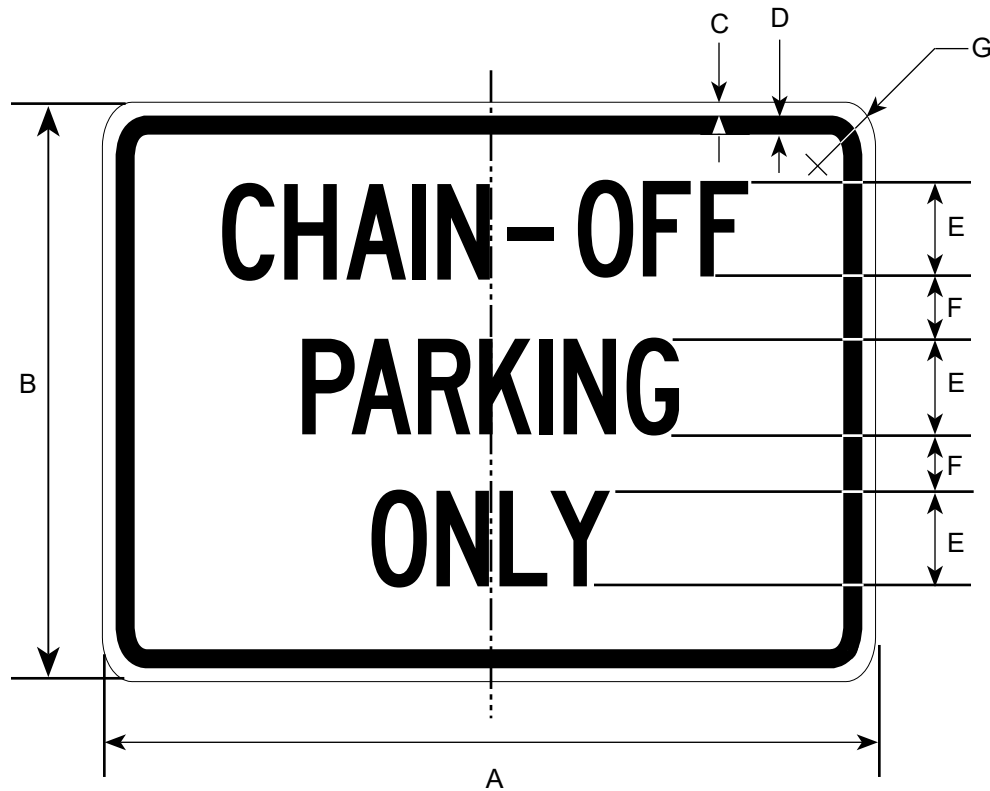
| DIMENSIONS (INCHES) |    |     |       |    |   |       |
|---------------------|----|-----|-------|----|---|-------|
| A                   | B  | C   | D     | E  | F | G     |
| 48                  | 36 | 3/4 | 1 1/4 | 6C | 5 | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R16-701

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |     |    |
|--------------------------|-----|----|----|------|-----|----|
| A                        | B   | C  | D  | E    | F   | G  |
| 1200                     | 900 | 19 | 31 | 150C | 125 | 56 |

| DIMENSIONS (INCHES) |    |     |       |    |   |       |
|---------------------|----|-----|-------|----|---|-------|
| A                   | B  | C   | D     | E  | F | G     |
| 48                  | 36 | 3/4 | 1 1/4 | 6C | 5 | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R17-101

11/97



| DIMENSIONS (MILLIMETERS) |     |       |       |      |      |    |      |
|--------------------------|-----|-------|-------|------|------|----|------|
| A                        | B   | C     | D     | E    | F    | G  | H    |
| 600                      | 750 | 9.375 | 15.62 | 125D | 100D | 50 | 37.5 |

| DIMENSIONS (INCHES) |    |     |     |    |    |   |       |
|---------------------|----|-----|-----|----|----|---|-------|
| A                   | B  | C   | D   | E  | F  | G | H     |
| 24                  | 30 | 3/8 | 5/8 | 5D | 4D | 2 | 1 1/2 |

COLOR

LEGEND - BLACK

BACKGROUND - WHITE

# R17-2

4/99



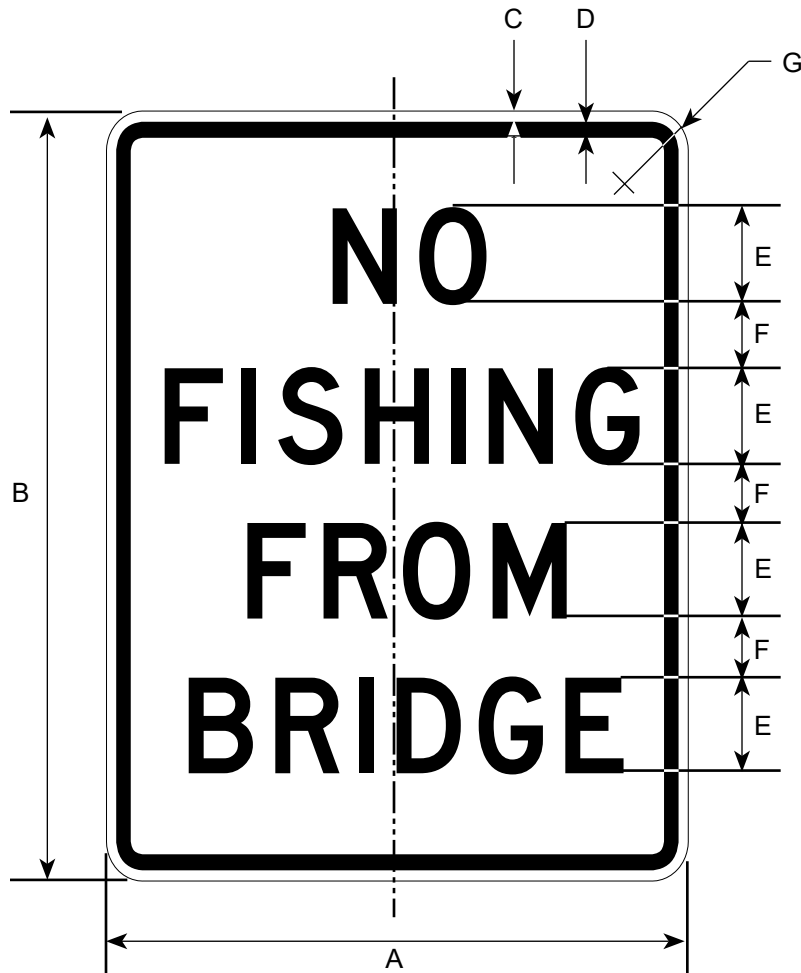
| DIMENSIONS (MILLIMETERS) |     |    |    |       |       |    |
|--------------------------|-----|----|----|-------|-------|----|
| A                        | B   | C  | D  | E     | F     | G  |
| 600                      | 450 | 10 | 16 | 25/19 | 63/47 | 38 |

| DIMENSIONS (INCHES) |    |     |     |       |           |       |
|---------------------|----|-----|-----|-------|-----------|-------|
| A                   | B  | C   | D   | E     | F         | G     |
| 24                  | 18 | 1/4 | 3/8 | 1/.75 | 2.5/1.875 | 1 1/2 |

COLOR  
 LEGEND - BLACK (REFL)  
 BACKGROUND - WHITE (REFL)

# R18-101

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |     |    |    |
|--------------------------|-----|----|----|-----|----|----|
| A                        | B   | C  | D  | E   | F  | G  |
| 450                      | 600 | 10 | 16 | 75D | 50 | 38 |

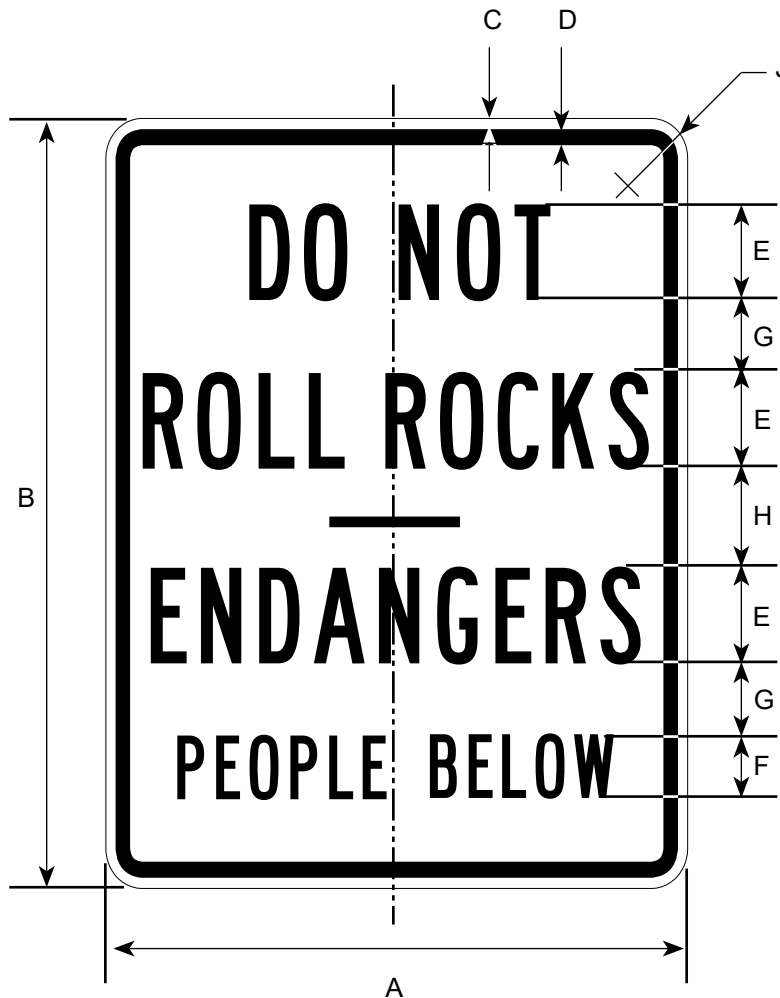
| DIMENSIONS (INCHES) |    |     |     |    |   |       |
|---------------------|----|-----|-----|----|---|-------|
| A                   | B  | C   | D   | E  | F | G     |
| 18                  | 24 | 3/8 | 5/8 | 3D | 2 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R18-201

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |     |     |    |     |    |
|--------------------------|-----|----|----|-----|-----|----|-----|----|
| A                        | B   | C  | D  | E   | F   | G  | H   | J  |
| 450                      | 600 | 10 | 16 | 75B | 50B | 88 | 100 | 38 |

| DIMENSIONS (INCHES) |    |     |     |    |    |       |   |       |
|---------------------|----|-----|-----|----|----|-------|---|-------|
| A                   | B  | C   | D   | E  | F  | G     | H | J     |
| 18                  | 24 | 3/8 | 5/8 | 3B | 2B | 3 1/2 | 4 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# R18-301

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |      |    |    |
|--------------------------|-----|----|----|------|------|----|----|
| A                        | B   | C  | D  | E    | F    | G  | H  |
| 600                      | 750 | 10 | 16 | 150D | 100B | 88 | 38 |

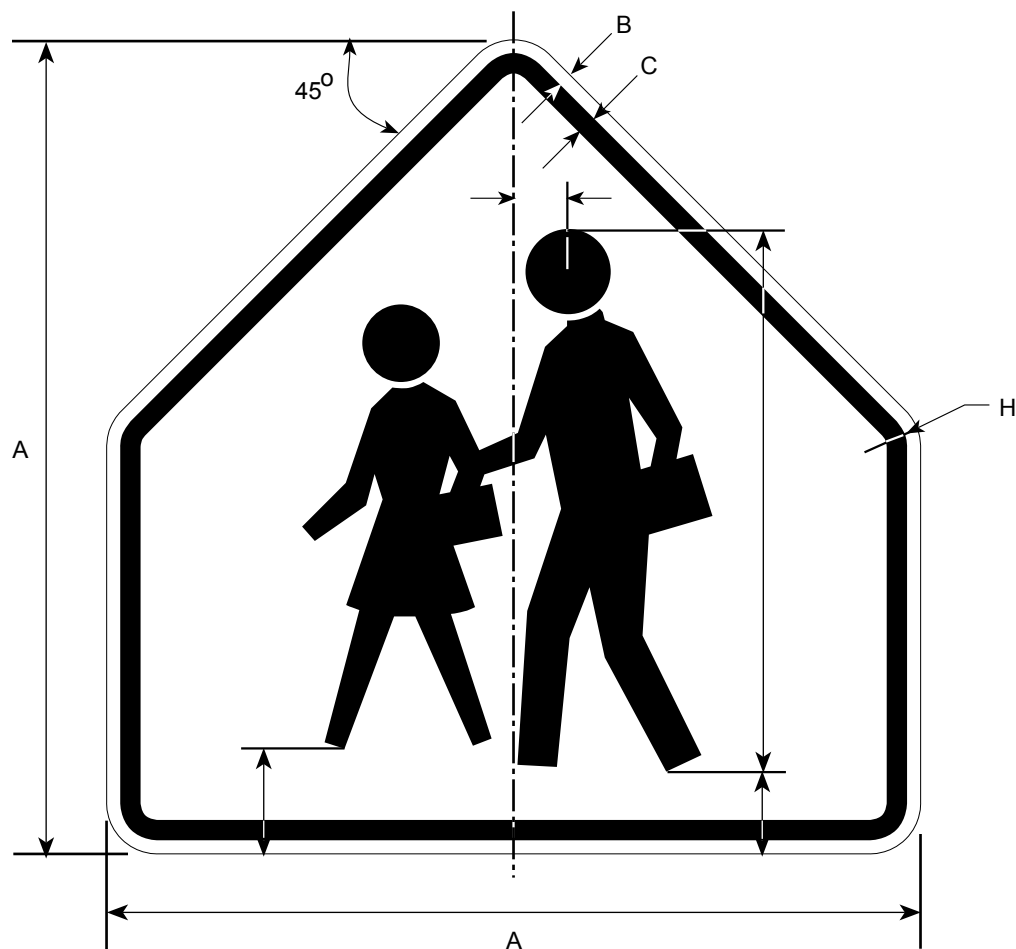
| DIMENSIONS (INCHES) |    |     |     |    |    |       |       |
|---------------------|----|-----|-----|----|----|-------|-------|
| A                   | B  | C   | D   | E  | F  | G     | H     |
| 24                  | 30 | 3/8 | 5/8 | 6D | 4B | 3 1/2 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# S1-1

6/00



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |    |    |    |     |     |     |    |
|--------------------------|----|----|----|-----|-----|-----|----|
| A                        | B  | C  | D  | E   | F   | G   | H  |
| 750                      | 13 | 19 | 50 | 500 | 75  | 94  | 47 |
| 900                      | 16 | 22 | 63 | 600 | 88  | 113 | 56 |
| 1200                     | 19 | 33 | 81 | 800 | 125 | 150 | 75 |

| DIMENSIONS (INCHES) |     |       |       |    |       |       |       |
|---------------------|-----|-------|-------|----|-------|-------|-------|
| A                   | B   | C     | D     | E  | F     | G     | H     |
| 30                  | 1/2 | 3/4   | 2     | 20 | 3     | 3 3/4 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 2 1/2 | 24 | 3 1/2 | 4 1/2 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 3 1/4 | 32 | 5     | 6     | 3     |

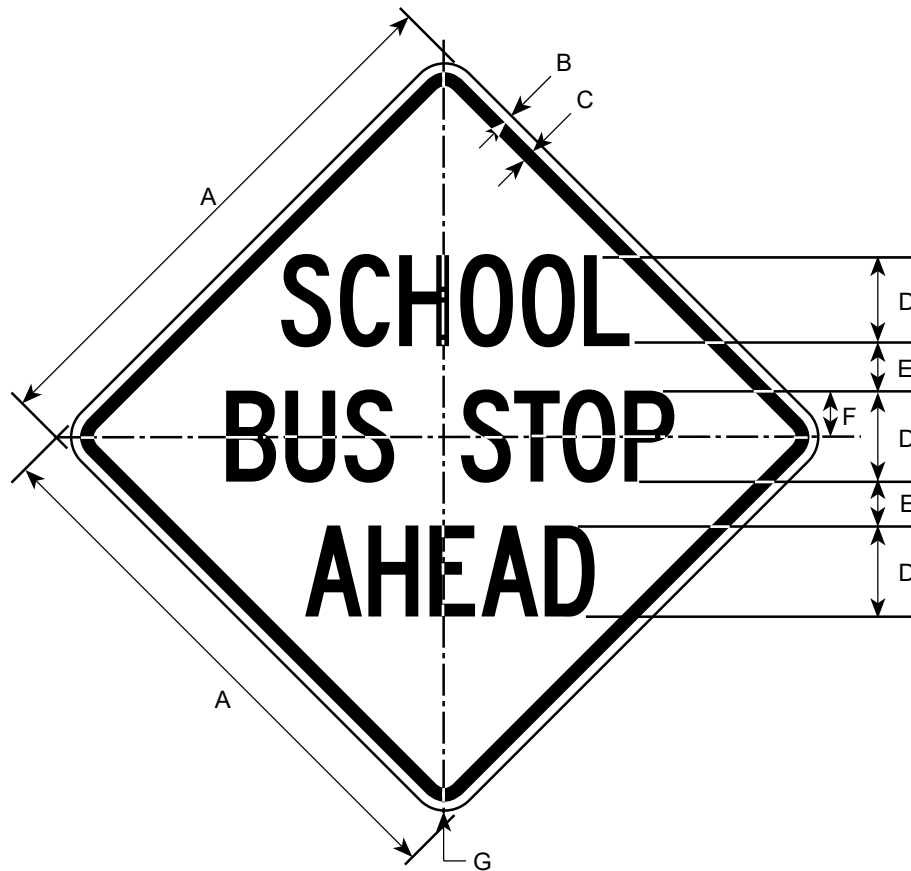
COLORS

LEGEND— BLACK (NON-REFL)  
BACKGROUND -- FLUORESCENT YELLOW GREEN (REFL)



# S3-1

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |     |     |    |
|--------------------------|----|----|------|-----|-----|----|
| A                        | B  | C  | D    | E   | F   | G  |
| 750                      | 13 | 19 | 125C | 50  | 63  | 47 |
| 900                      | 16 | 22 | 150C | 75  | 75  | 56 |
| 1200                     | 19 | 31 | 200C | 125 | 100 | 75 |

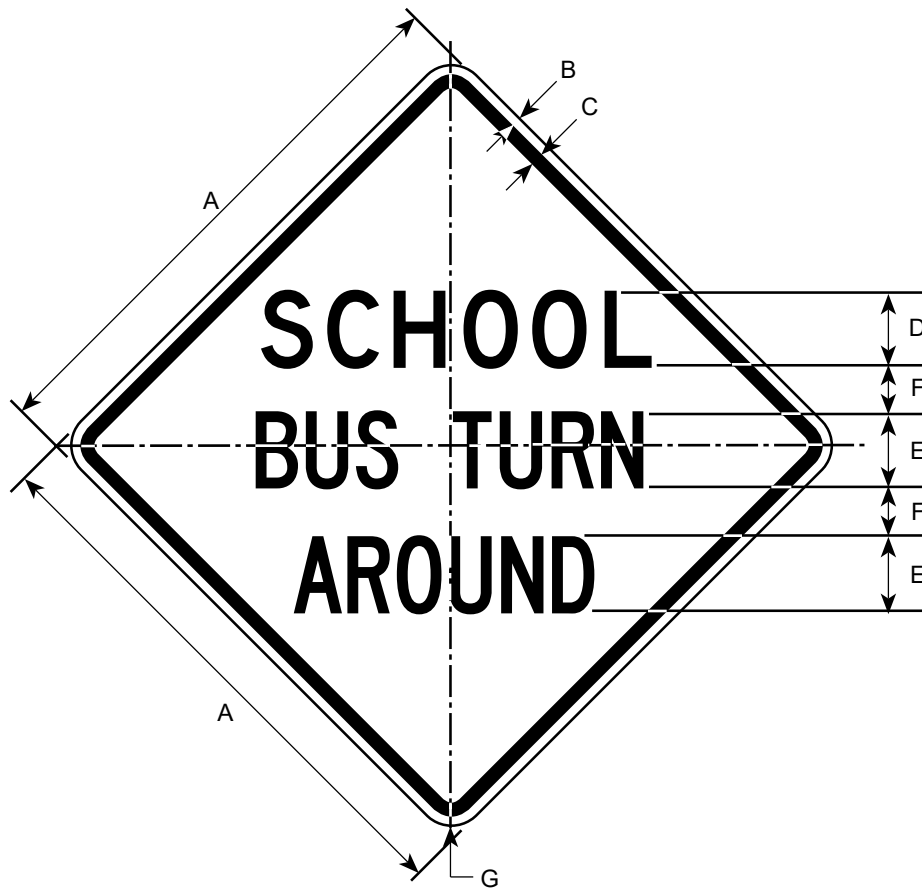
| DIMENSIONS (INCHES) |     |       |    |   |       |       |
|---------------------|-----|-------|----|---|-------|-------|
| A                   | B   | C     | D  | E | F     | G     |
| 30                  | 1/2 | 3/4   | 5C | 2 | 2 1/2 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6C | 3 | 3     | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8C | 5 | 4     | 3     |

## COLORS

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

# S3-201

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |      |   |       |
|--------------------------|----|----|------|------|---|-------|
| A                        | B  | C  | D    | E    | F | G     |
| 750                      | 13 | 19 | 100D | 100C | 3 | 1 7/8 |
| 900                      | 16 | 22 | 125D | 125C | 4 | 2 1/4 |
| 1200                     | 19 | 31 | 175D | 175C | 5 | 3     |

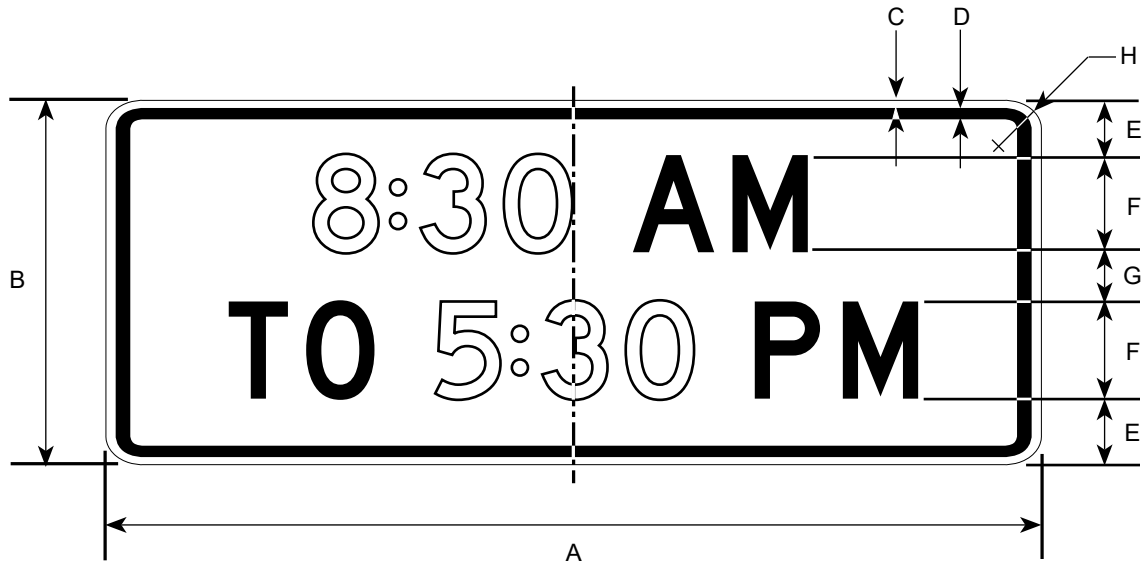
| DIMENSIONS (INCHES) |     |       |    |    |   |        |
|---------------------|-----|-------|----|----|---|--------|
| A                   | B   | C     | D  | E  | F | G      |
| 30                  | 1/2 | 3/4   | 4D | 4C | 3 | 1 7/8  |
| 36                  | 5/8 | 7/8   | 5D | 5C | 4 | 12 1/4 |
| 48                  | 3/4 | 1 1/4 | 7D | 7C | 5 | 3      |

## COLORS

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

# S4-1

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |    |      |    |    |
|--------------------------|-----|----|----|----|------|----|----|
| A                        | B   | C  | D  | E  | F    | G  | H  |
| 600                      | 300 | 9  | 16 | 50 | 87D  | 25 | 38 |
| 900                      | 450 | 16 | 22 | 81 | 125D | 38 | 56 |
| 1200                     | 600 | 19 | 31 | 11 | 150  | 62 | 75 |

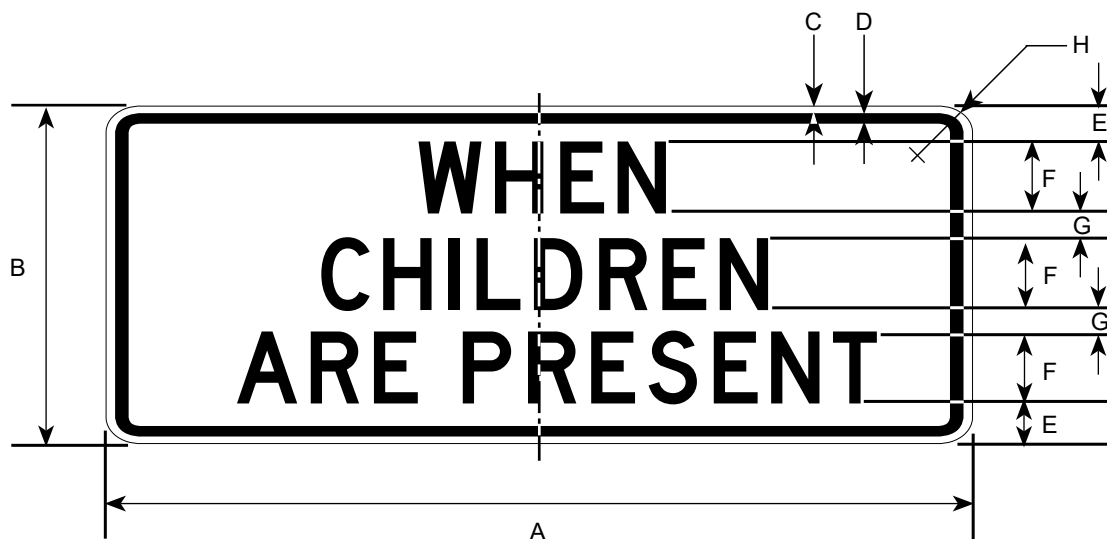
| DIMENSIONS (INCHES) |    |       |       |      |        |       |       |
|---------------------|----|-------|-------|------|--------|-------|-------|
| A                   | B  | C     | D     | E    | F      | G     | H     |
| 24                  | 12 | 5/8   | 5/8   | 2    | 3 1/2D | 1     | 1 1/2 |
| 36                  | 18 | 3/4   | 7/8   | 3.25 | 5D     | 1 1/2 | 2 1/4 |
| 48                  | 24 | 1 1/4 | 1 1/4 | 4.75 | 6D     | 2 1/2 | 3     |

## COLORS

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

# S4-2

6/00



| DIMENSIONS (MILLIMETERS) |     |    |    |    |      |    |    |
|--------------------------|-----|----|----|----|------|----|----|
| A                        | B   | C  | D  | E  | F    | G  | H  |
| 600                      | 250 | 9  | 16 | 37 | 50D  | 13 | 38 |
| 900                      | 375 | 16 | 22 | 56 | 75D  | 19 | 56 |
| 1200                     | 500 | 19 | 31 | 75 | 100D | 25 | 75 |

| DIMENSIONS (INCHES) |    |     |       |       |    |     |       |
|---------------------|----|-----|-------|-------|----|-----|-------|
| A                   | B  | C   | D     | E     | F  | G   | H     |
| 24                  | 10 | 3/8 | 5/8   | 1 1/2 | 2D | 1/2 | 1 1/2 |
| 36                  | 15 | 5/8 | 7/8   | 2 1/4 | 3D | 3/4 | 2 1/4 |
| 48                  | 20 | 3/4 | 1 1/4 | 3     | 4D | 1   | 3     |

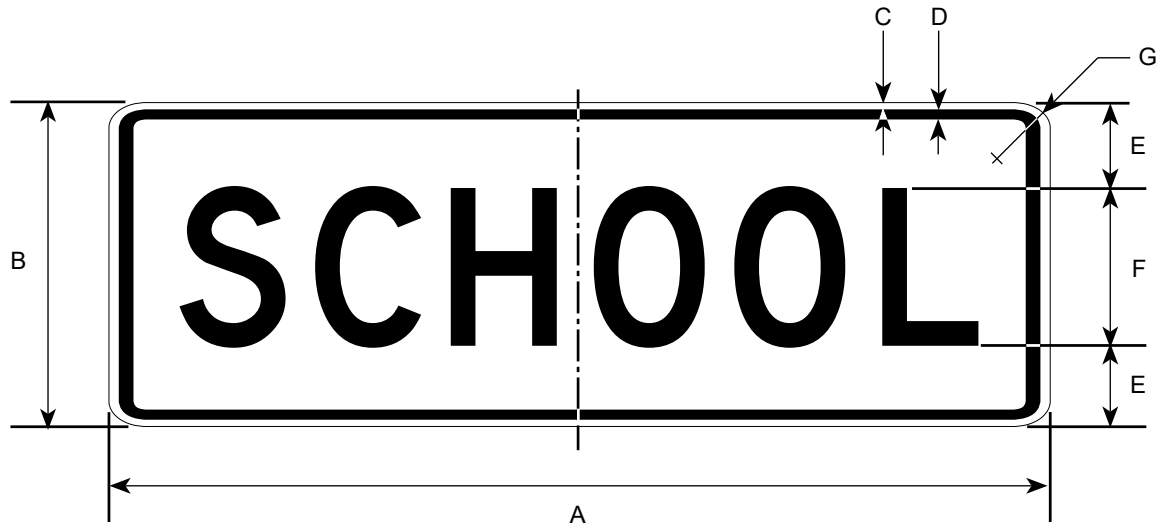
## COLORS

LEGEND -- BLACK (NON-REFL.)

BACKGROUND -- WHITE (REFL.)

# S4-3

6/00



| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |    |
|--------------------------|-----|----|----|-----|------|----|
| A                        | B   | C  | D  | E   | F    | G  |
| 600                      | 200 | 9  | 16 | 50  | 100D | 38 |
| 900                      | 300 | 16 | 22 | 75  | 150D | 56 |
| 1200                     | 400 | 19 | 31 | 100 | 200D | 75 |

| DIMENSIONS (INCHES) |    |     |       |   |    |       |
|---------------------|----|-----|-------|---|----|-------|
| A                   | B  | C   | D     | E | F  | G     |
| 24                  | 8  | 3/8 | 5/8   | 2 | 4D | 1 1/2 |
| 36                  | 12 | 5/8 | 7/8   | 3 | 6D | 2 1/4 |
| 48                  | 16 | 3/4 | 1 1/4 | 4 | 8D | 3     |

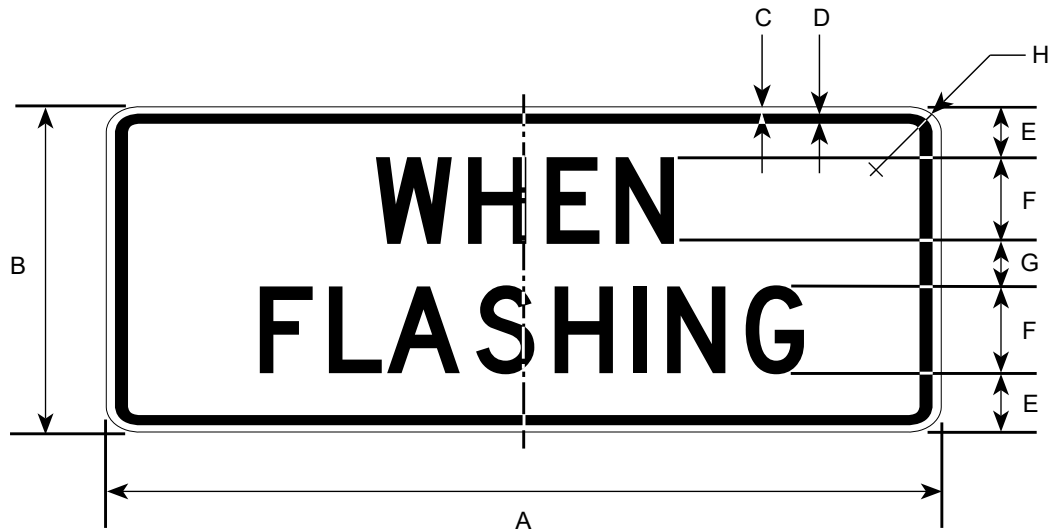
## COLORS

LEGEND -- BLACK (NON-REFL.)

BACKGROUND -- FLUORESCENT YELLOW GREEN (REFL.)

# S4-4

6/00



| DIMENSIONS (MILLIMETERS) |     |    |    |     |       |    |    |
|--------------------------|-----|----|----|-----|-------|----|----|
| A                        | B   | C  | D  | E   | F     | G  | H  |
| 600                      | 250 | 9  | 16 | 50  | 62.5D | 25 | 38 |
| 900                      | 375 | 16 | 22 | 69  | 100D  | 38 | 56 |
| 1200                     | 500 | 19 | 31 | 100 | 125D  | 50 | 75 |

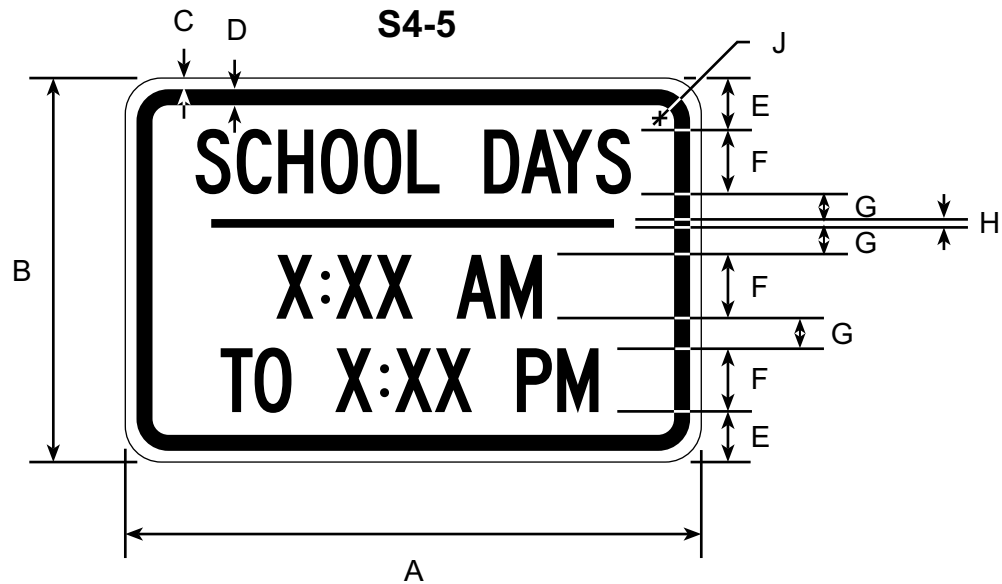
| DIMENSIONS (INCHES) |    |     |       |       |        |       |       |
|---------------------|----|-----|-------|-------|--------|-------|-------|
| A                   | B  | C   | D     | E     | F      | G     | H     |
| 24                  | 10 | 3/8 | 5/8   | 2     | 2 1/2D | 1     | 1 1/2 |
| 36                  | 15 | 5/8 | 7/8   | 2 3/4 | 4D     | 1 1/2 | 2 1/4 |
| 48                  | 20 | 3/4 | 1 1/4 | 4     | 5D     | 2     | 3     |

## COLORS

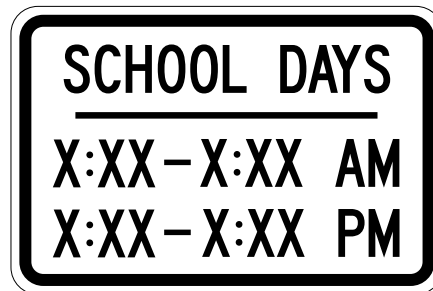
LEGEND -- BLACK (NON-REFL.)  
BACKGROUND -- WHITE

# S4-5 & S4-5A

5/06



## S4-5A



| DIMENSIONS (MILLIMETERS) |     |    |    |    |      |    |    |    |
|--------------------------|-----|----|----|----|------|----|----|----|
| A                        | B   | C  | D  | E  | F    | G  | H  | J  |
| 600                      | 450 | 9  | 16 | 69 | 63C  | 38 | 16 | 38 |
| 900                      | 600 | 16 | 22 | 81 | 100C | 38 | 22 | 56 |

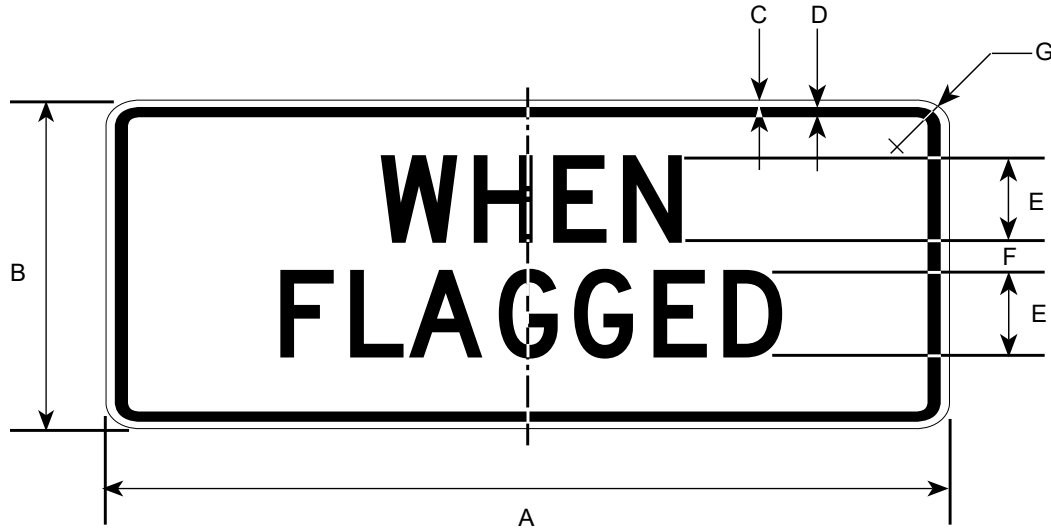
| DIMENSIONS (INCHES) |    |     |     |       |        |       |     |       |
|---------------------|----|-----|-----|-------|--------|-------|-----|-------|
| A                   | B  | C   | D   | E     | F      | G     | H   | J     |
| 24                  | 18 | 3/8 | 5/8 | 2 3/4 | 2 1/2C | 1 1/2 | 5/8 | 1 1/2 |
| 36                  | 24 | 5/8 | 7/8 | 3 1/4 | 4C     | 1 1/2 | 7/8 | 2 1/4 |

## COLORS

LEGEND & BORDER - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# S4-501

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |    |
|--------------------------|-----|----|----|------|----|----|
| A                        | B   | C  | D  | E    | F  | G  |
| 600                      | 250 | 9  | 16 | 63D  | 25 | 47 |
| 900                      | 375 | 16 | 22 | 100D | 38 | 56 |
| 1200                     | 500 | 19 | 31 | 125D | 50 | 75 |

| DIMENSIONS (INCHES) |    |     |       |        |       |       |
|---------------------|----|-----|-------|--------|-------|-------|
| A                   | B  | C   | D     | E      | F     | G     |
| 24                  | 10 | 3/8 | 5/8   | 2 1/2D | 1     | 1 1/2 |
| 36                  | 15 | 5/8 | 7/8   | 4D     | 1 1/2 | 2 1/4 |
| 48                  | 20 | 3/4 | 1 1/4 | 5D     | 2     | 3     |

## COLORS

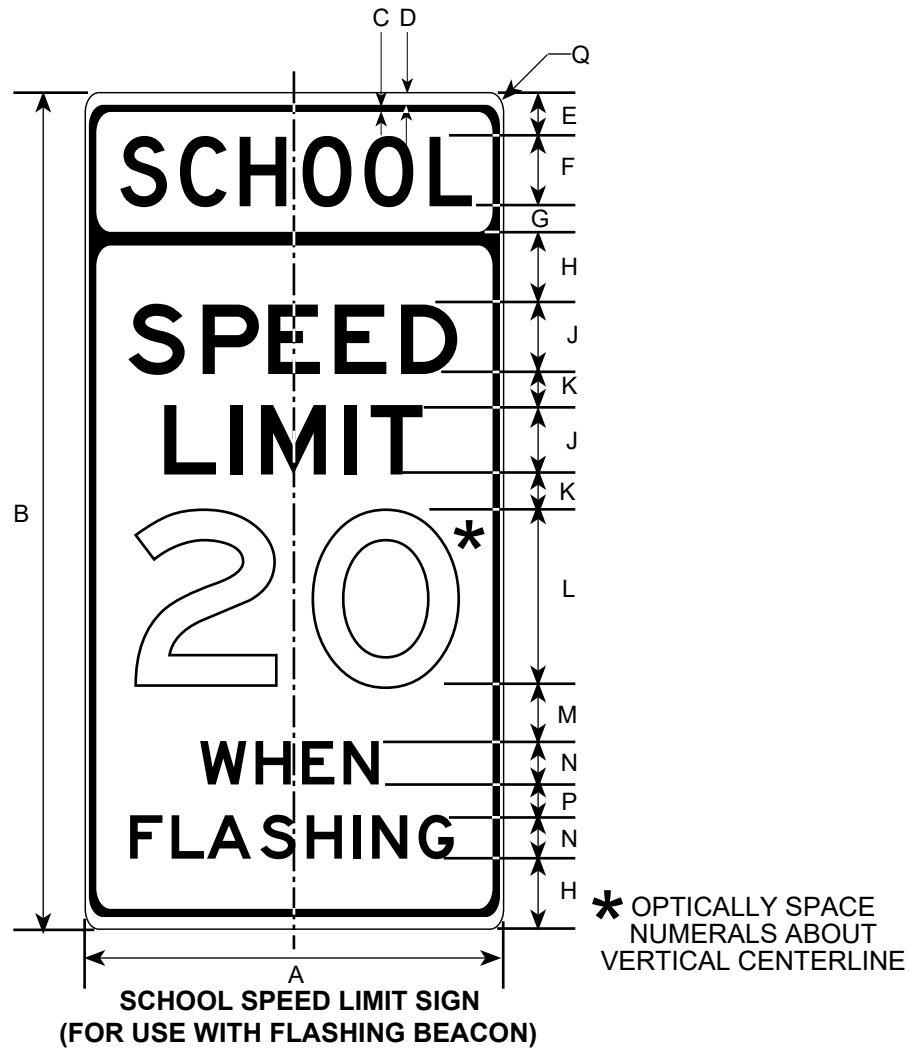
LEGEND -- BLACK (NON-REFL.)

BACKGROUND -- WHITE (REFL.)



# S5-1

6/00



| DIMENSIONS (MILLIMETERS) |      |    |    |      |      |      |     |      |     |      |     |       |     |    |
|--------------------------|------|----|----|------|------|------|-----|------|-----|------|-----|-------|-----|----|
| A                        | B    | C  | D  | E    | F    | G    | H   | J    | K   | L    | M   | N     | P   | Q  |
| 600                      | 1200 | 9  | 16 | 62.5 | 100D | 37.5 | 100 | 100E | 50  | 250E | 75  | 62.5D | 50  | 38 |
| 900                      | 1800 | 16 | 22 | 94   | 125D | 56   | 150 | 150E | 100 | 350E | 100 | 100D  | 50  | 56 |
| 1200                     | 1400 | 22 | 31 | 125  | 200D | 75   | 200 | 200E | 150 | 450E | 150 | 125D  | 100 | 75 |

| DIMENSIONS (INCHES) |    |     |       |       |    |       |   |    |   |     |   |        |   |       |
|---------------------|----|-----|-------|-------|----|-------|---|----|---|-----|---|--------|---|-------|
| A                   | B  | C   | D     | E     | F  | G     | H | J  | K | L   | M | N      | P | Q     |
| 24                  | 48 | 3/8 | 5/8   | 2 1/2 | 4D | 1 1/2 | 4 | 4E | 2 | 10E | 3 | 2 1/2D | 2 | 1 1/2 |
| 36                  | 72 | 5/8 | 7/8   | 3 3/4 | 6D | 2 1/4 | 6 | 6E | 4 | 14E | 4 | 4D     | 2 | 2 1/4 |
| 48                  | 96 | 7/8 | 1 1/4 | 5     | 8D | 3     | 8 | 8E | 6 | 16E | 6 | 5D     | 4 | 3     |

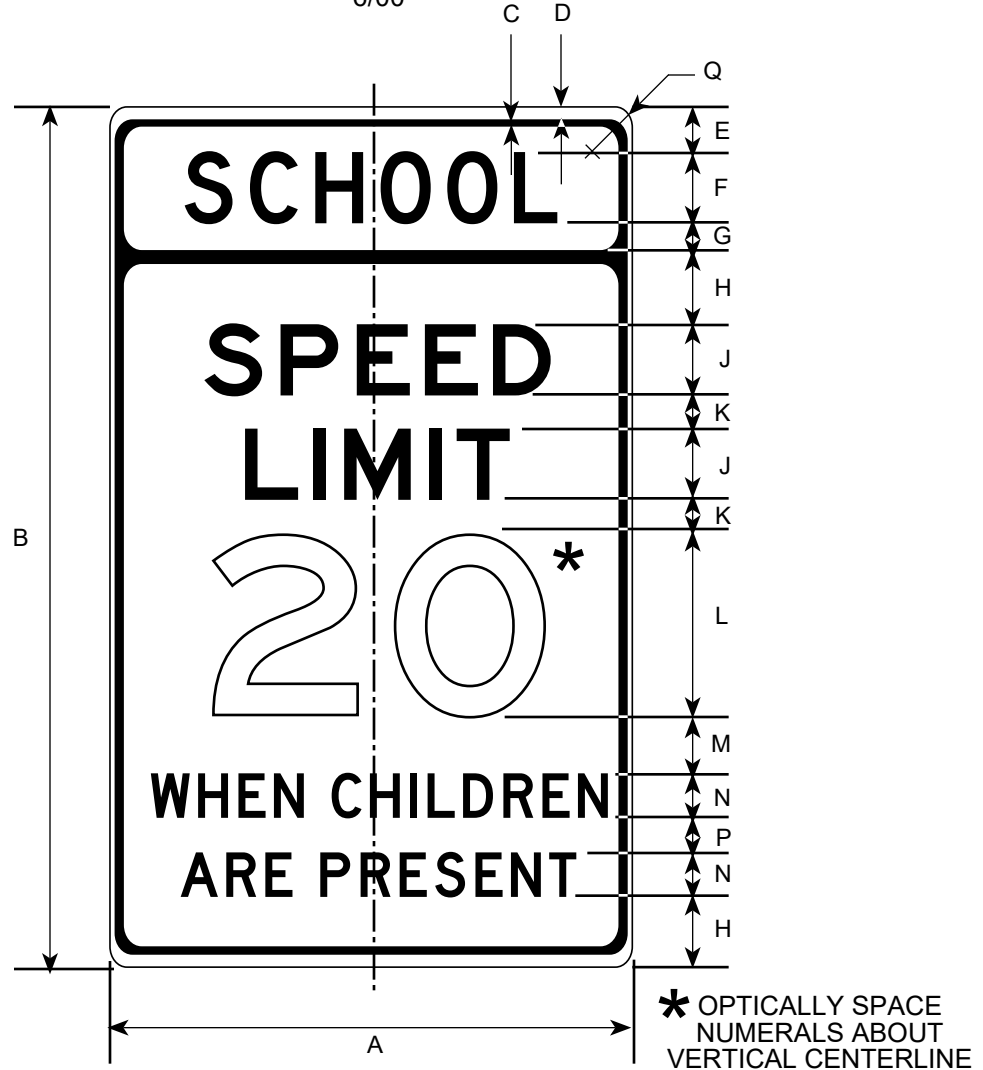
## COLORS

TOP  
LEGEND - BLACK (NON-REFL)  
BACKGROUND - FLUORESCENT YELLOW GREEN (REFL)

BOTTOM  
LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# S5-101

6/00



| DIMENSIONS (MILLIMETERS) |      |    |    |      |      |      |     |      |     |      |     |       |     |    |
|--------------------------|------|----|----|------|------|------|-----|------|-----|------|-----|-------|-----|----|
| A                        | B    | C  | D  | E    | F    | G    | H   | J    | K   | L    | M   | N     | P   | Q  |
| 750                      | 1200 | 9  | 16 | 62.5 | 100D | 37.5 | 100 | 100E | 50  | 250E | 75  | 62.5D | 50  | 38 |
| 1200                     | 1800 | 16 | 22 | 94   | 150D | 56   | 150 | 150E | 100 | 350E | 100 | 100D  | 50  | 56 |
| 1500                     | 2400 | 22 | 31 | 125  | 200D | 75   | 200 | 200E | 150 | 400E | 150 | 125D  | 100 | 75 |

| DIMENSIONS (INCHES) |    |     |       |       |    |       |   |    |   |     |   |        |   |       |
|---------------------|----|-----|-------|-------|----|-------|---|----|---|-----|---|--------|---|-------|
| A                   | B  | C   | D     | E     | F  | G     | H | J  | K | L   | M | N      | P | Q     |
| 30                  | 48 | 3/8 | 5/8   | 2 1/2 | 4D | 1 1/2 | 4 | 4E | 2 | 10E | 3 | 2 1/2D | 2 | 1 1/2 |
| 48                  | 72 | 5/8 | 7/8   | 3 3/4 | 6D | 2 1/4 | 6 | 6E | 4 | 14E | 4 | 4D     | 2 | 2 1/4 |
| 60                  | 96 | 7/8 | 1 1/4 | 5     | 8D | 3     | 8 | 8E | 6 | 16E | 6 | 5D     | 4 | 3     |

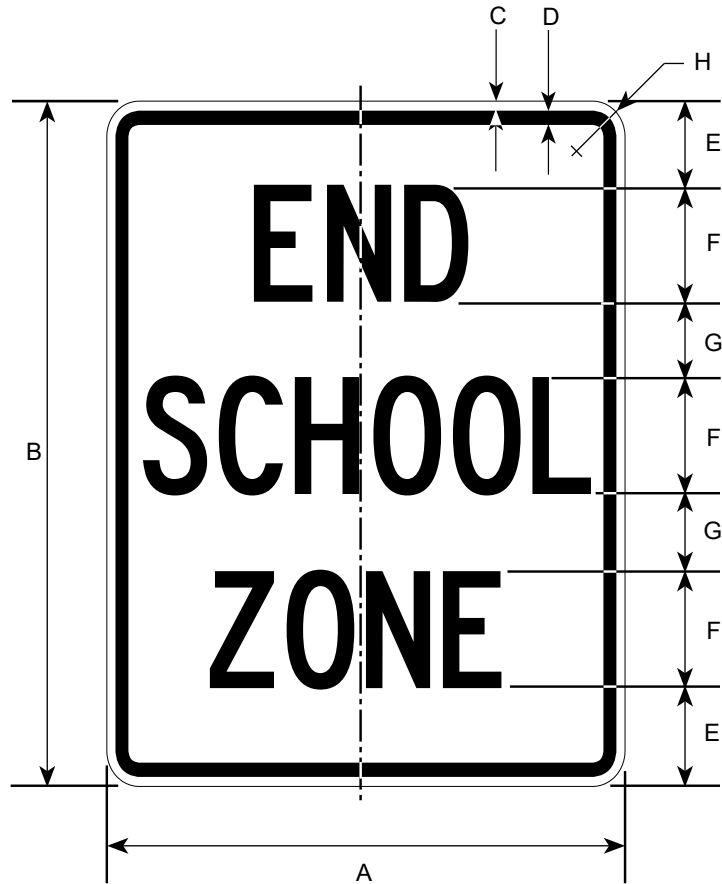
## COLORS

TOP  
LEGEND - BLACK (NON-REFL)  
BACKGROUND - FLUORESCENT YELLOW GREEN (REFL)

BOTTOM  
LEGEND - BLACK (NON-REFL)  
BACKGROUND - WHITE (REFL)

# S5-2

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |    |
|--------------------------|------|----|----|-----|------|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H  |
| 450                      | 600  | 9  | 16 | 88  | 100C | 63  | 38 |
| 600                      | 750  | 9  | 16 | 100 | 125C | 88  | 38 |
| 900                      | 1200 | 16 | 22 | 163 | 200C | 138 | 56 |

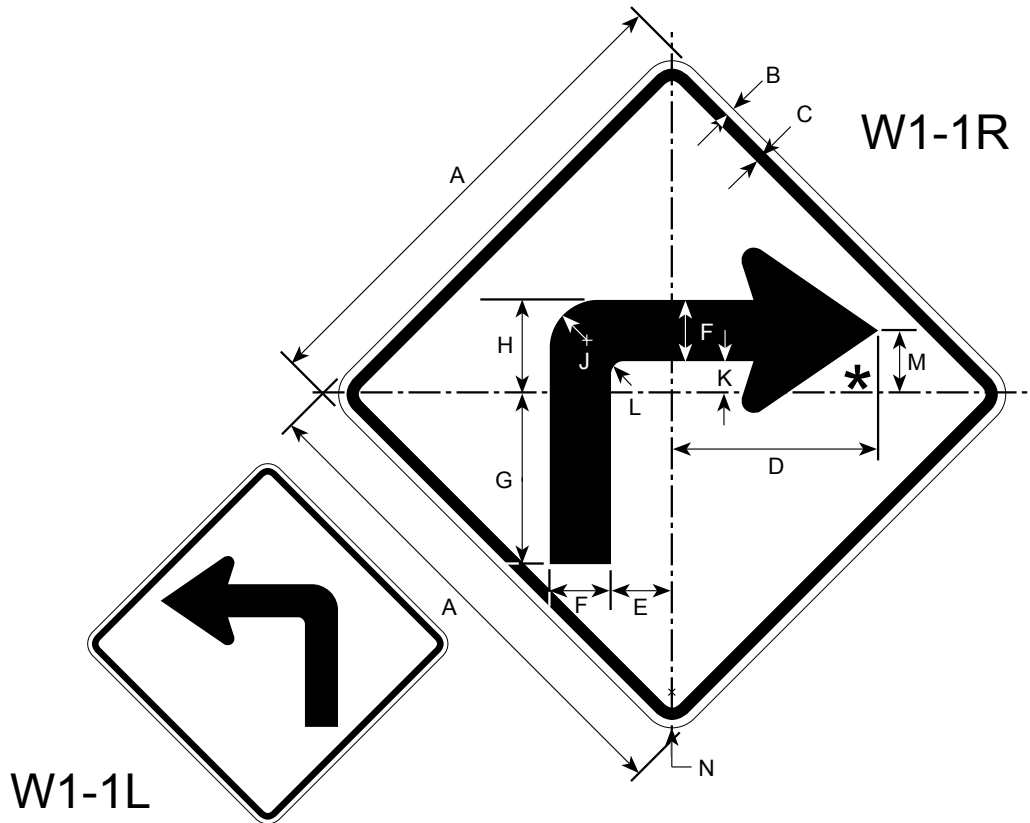
| DIMENSIONS (INCHES) |    |     |     |       |    |       |       |
|---------------------|----|-----|-----|-------|----|-------|-------|
| A                   | B  | C   | D   | E     | F  | G     | H     |
| 18                  | 24 | 3/8 | 5/8 | 3 1/2 | 4C | 2 1/2 | 1 1/2 |
| 24                  | 30 | 3/8 | 5/8 | 4     | 5C | 3 1/2 | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8 | 6 1/2 | 8C | 5 1/2 | 2 1/4 |

## COLORS

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

# W1-1L & W1-1R

11/97



\* SEE APPENDIX FOR STANDARD ARROW

| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |     |     |     |    |    |     |    |
|--------------------------|----|----|-----|-----|-----|-----|-----|-----|----|----|-----|----|
| A                        | B  | C  | D   | E   | F   | G   | H   | J   | K  | L  | M   | N  |
| 450                      | 9  | 16 | 181 | 56  | 66  | 147 | 94  | 47  | 25 | 16 | 63  | 38 |
| 600                      | 9  | 16 | 241 | 75  | 88  | 194 | 125 | 63  | 38 | 20 | 81  | 38 |
| 750                      | 13 | 19 | 300 | 94  | 109 | 242 | 156 | 75  | 47 | 25 | 102 | 47 |
| 900                      | 16 | 22 | 359 | 11  | 131 | 291 | 188 | 91  | 63 | 31 | 122 | 56 |
| 1200                     | 19 | 31 | 480 | 150 | 175 | 388 | 250 | 122 | 75 | 41 | 163 | 75 |

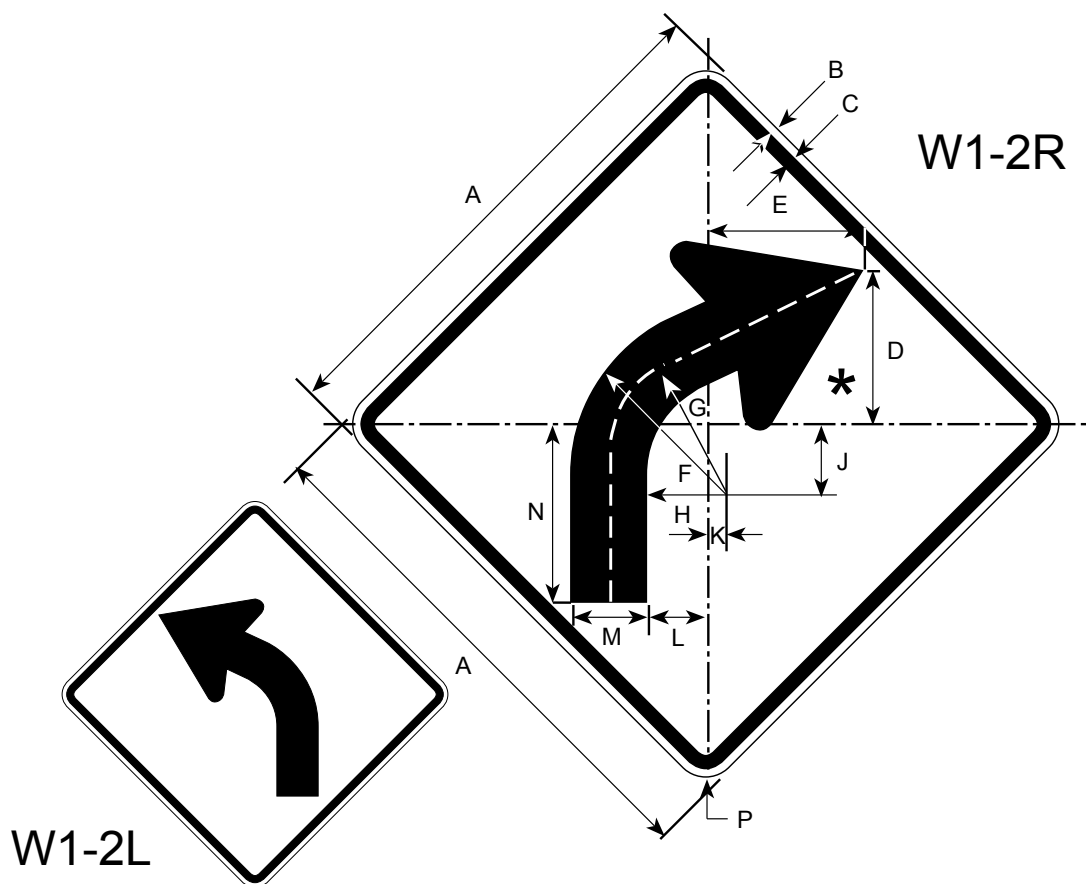
| DIMENSIONS (INCHES) |     |       |         |       |       |        |       |       |       |       |        |       |
|---------------------|-----|-------|---------|-------|-------|--------|-------|-------|-------|-------|--------|-------|
| A                   | B   | C     | D       | E     | F     | G      | H     | J     | K     | L     | M      | N     |
| 18                  | 3/8 | 5/8   | 7 1/4   | 2 1/4 | 2 5/8 | 5 7/8  | 3 3/4 | 1 7/8 | 1     | 5/8   | 2 1/2  | 1 1/2 |
| 24                  | 3/8 | 5/8   | 9 5/8   | 3     | 3 1/2 | 7 3/4  | 5     | 2 1/2 | 1 1/2 | 13/16 | 3 1/4  | 1 1/2 |
| 30                  | 1/2 | 3/4   | 12      | 3 3/4 | 4 3/8 | 9      | 6 1/4 | 3     | 1 7/8 | 1     | 4 1/16 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 14 3/8  | 4 1/2 | 5 1/4 | 11     | 7 1/2 | 3 5/8 | 2 1/4 | 1 1/4 | 4 7/8  | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 19 3/16 | 6     | 7     | 15 1/2 | 10    | 4 7/8 | 3     | 1 5/8 | 6 1/2  | 3     |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W1-2L & W1-2R

11/97



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

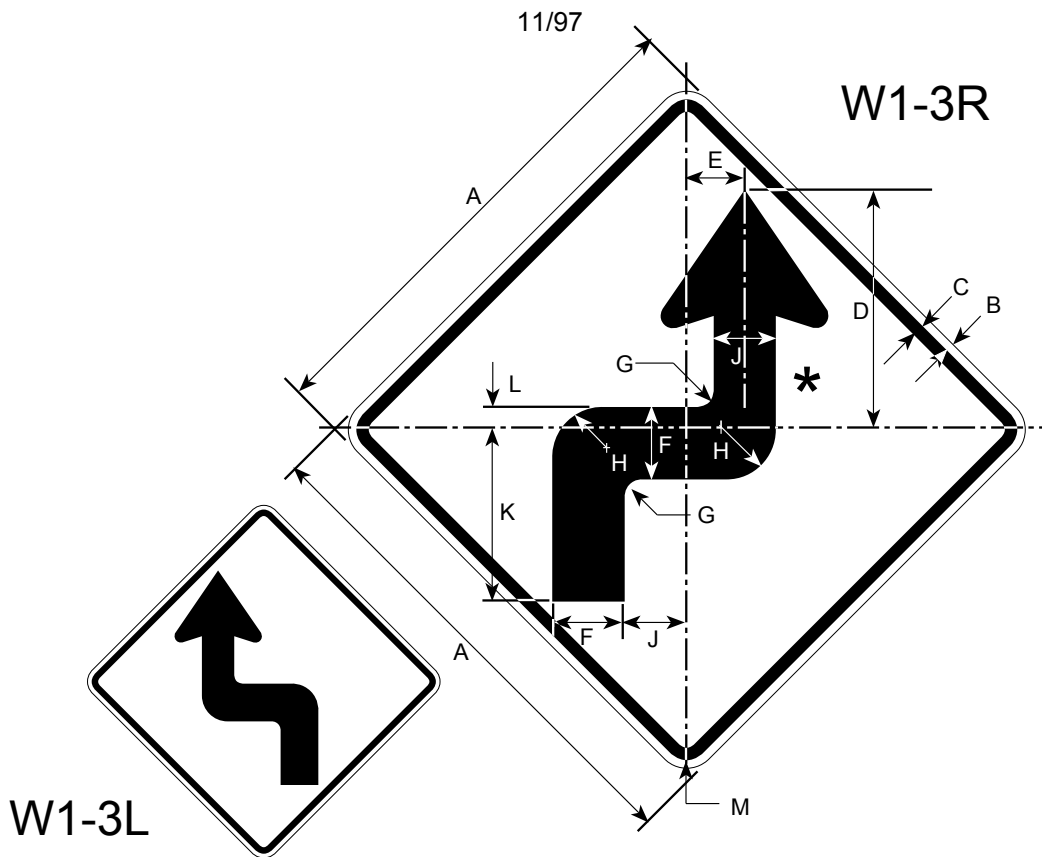
| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |     |     |    |    |     |     |     |    |
|--------------------------|----|----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|----|
| A                        | B  | C  | D   | E   | F   | G   | H   | J  | K  | L   | M   | N   | P  |
| 450                      | 9  | 16 | 134 | 138 | 150 | 11  | 84  | 44 | 31 | 50  | 66  | 156 | 38 |
| 600                      | 9  | 16 | 178 | 181 | 200 | 156 | 11  | 59 | 44 | 69  | 88  | 206 | 38 |
| 750                      | 13 | 19 | 222 | 227 | 250 | 195 | 141 | 73 | 55 | 86  | 109 | 258 | 47 |
| 900                      | 16 | 22 | 266 | 272 | 300 | 234 | 168 | 88 | 66 | 103 | 131 | 309 | 56 |
| 1200                     | 19 | 31 | 355 | 363 | 400 | 313 | 225 | 11 | 88 | 138 | 175 | 406 | 75 |

| DIMENSIONS (INCHES) |     |       |          |        |    |         |       |         |        |        |       |         |       |
|---------------------|-----|-------|----------|--------|----|---------|-------|---------|--------|--------|-------|---------|-------|
| A                   | B   | C     | D        | E      | F  | G       | H     | J       | K      | L      | M     | N       | P     |
| 18                  | 3/8 | 5/8   | 5 3/8    | 5 1/2  | 6  | 4 3/4   | 3 3/8 | 1 3/4   | 1 1/4  | 2      | 2 5/8 | 6 1/4   | 1 1/2 |
| 24                  | 3/8 | 5/8   | 7 1/8    | 7 1/4  | 8  | 6 1/4   | 4 1/2 | 2       | 1 3/4  | 2 3/4  | 3 1/2 | 8 1/4   | 1 1/2 |
| 30                  | 1/2 | 3/4   | 8 7/8    | 9 1/16 | 10 | 7 13/16 | 5 5/8 | 2 15/16 | 2 3/16 | 3 7/16 | 4 3/8 | 10 5/16 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 10 7/8   | 10 7/8 | 12 | 9 3/8   | 6 3/4 | 3 1/2   | 2 5/8  | 4 1/8  | 5 1/4 | 12 3/8  | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 14 13/16 | 14 1/2 | 16 | 12 1/2  | 9     | 4       | 3 1/2  | 5 1/2  | 7     | 16 1/2  | 3     |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W1-3L & W1-3R



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |    |     |     |     |    |    |
|--------------------------|----|----|-----|-----|-----|----|-----|-----|-----|----|----|
| A                        | B  | C  | D   | E   | F   | G  | H   | J   | K   | L  | M  |
| 600                      | 9  | 16 | 290 | 70  | 88  | 21 | 63  | 75  | 208 | 27 | 38 |
| 750                      | 13 | 19 | 363 | 88  | 109 | 25 | 75  | 94  | 259 | 34 | 47 |
| 900                      | 16 | 22 | 436 | 105 | 131 | 31 | 91  | 113 | 312 | 41 | 56 |
| 1200                     | 19 | 31 | 580 | 141 | 175 | 41 | 122 | 150 | 416 | 55 | 75 |

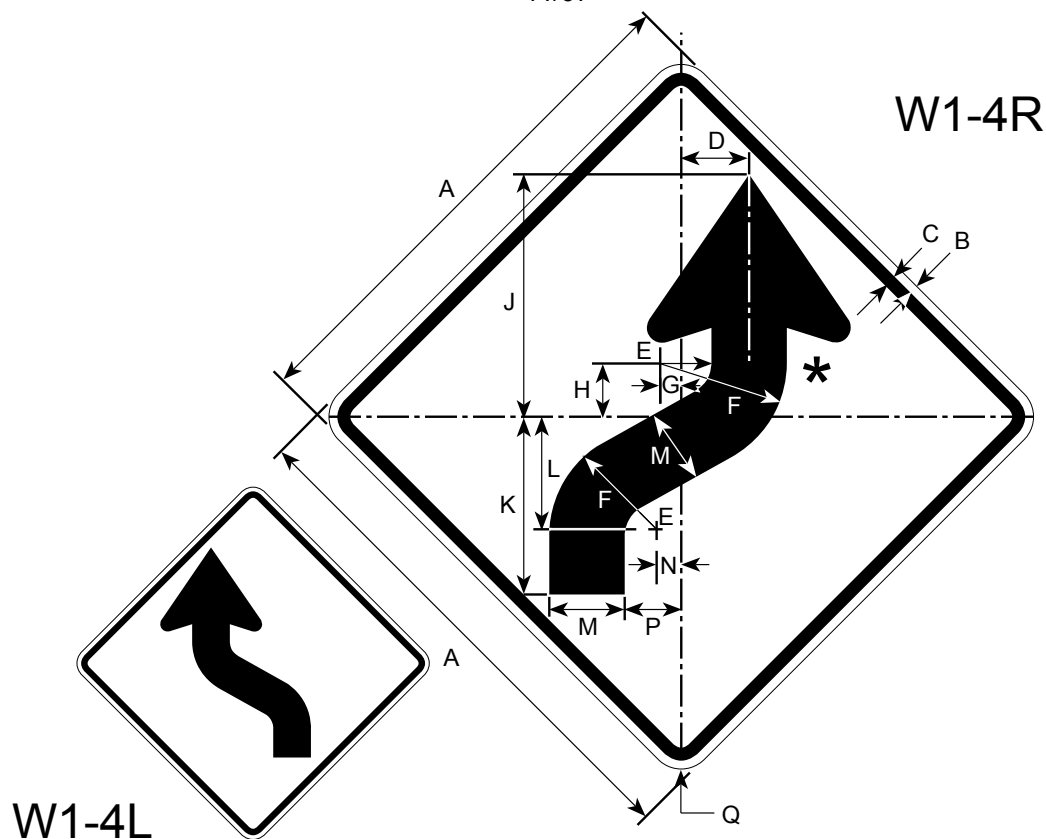
| DIMENSIONS (INCHES) |     |       |         |         |       |       |       |       |          |         |       |
|---------------------|-----|-------|---------|---------|-------|-------|-------|-------|----------|---------|-------|
| A                   | B   | C     | D       | E       | F     | G     | H     | J     | K        | L       | M     |
| 24                  | 3/8 | 5/8   | 11      | 2 13/16 | 3 1/2 | 13/16 | 2 1/2 | 3     | 8 5/16   | 1 3/32  | 1 1/2 |
| 30                  | 1/2 | 3/4   | 14 1/2  | 3 1/2   | 4 3/8 | 1     | 3     | 3 3/4 | 10 3/8   | 1 3/8   | 1 7/8 |
| 36                  | 5/8 | 7/8   | 17 7/16 | 4 7/32  | 5 1/4 | 1 1/4 | 3 5/8 | 4 1/2 | 12 15/32 | 1 21/32 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 23 3/16 | 5 5/8   | 7     | 1 5/8 | 4 7/8 | 6     | 16 5/8   | 2 3/16  | 3     |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W1-4L & W1-4R

11/97



\* See appendix for standard arrow details

| DIMENSIONS (MILLIMETERS) |    |    |     |    |     |   |     |     |     |     |     |    |     |    |
|--------------------------|----|----|-----|----|-----|---|-----|-----|-----|-----|-----|----|-----|----|
| A                        | B  | C  | D   | E  | F   | G | H   | J   | K   | L   | M   | N  | P   | Q  |
| 450                      | 9  | 16 | 59  | 28 | 94  | 1 | 66  | 216 | 156 | 100 | 66  | 22 | 50  | 28 |
| 600                      | 9  | 16 | 83  | 38 | 125 | 2 | 88  | 250 | 206 | 131 | 88  | 28 | 59  | 38 |
| 750                      | 13 | 19 | 99  | 47 | 156 | 3 | 109 | 351 | 258 | 164 | 109 | 34 | 84  | 47 |
| 900                      | 16 | 22 | 11  | 63 | 191 | 4 | 131 | 422 | 309 | 197 | 131 | 42 | 99  | 63 |
| 1200                     | 19 | 31 | 158 | 75 | 250 | 5 | 175 | 563 | 413 | 263 | 175 | 63 | 131 | 75 |

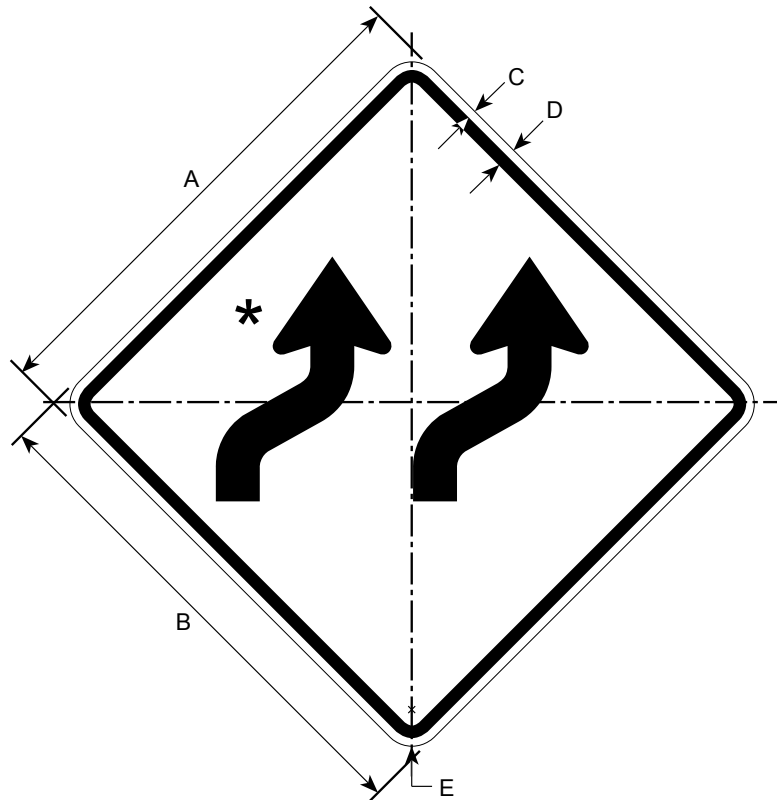
| DIMENSIONS (INCHES) |     |       |         |       |       |      |       |         |          |        |       |         |         |       |
|---------------------|-----|-------|---------|-------|-------|------|-------|---------|----------|--------|-------|---------|---------|-------|
| A                   | B   | C     | D       | E     | F     | G    | H     | J       | K        | L      | M     | N       | P       | Q     |
| 18                  | 3/8 | 5/8   | 2 3/8   | 1 1/8 | 3 3/4 | 1/16 | 2 5/8 | 8 5/8   | 6 1/4    | 4      | 2 5/8 | 7/8     | 2       | 1 1/2 |
| 24                  | 3/8 | 5/8   | 3 5/32  | 1 1/2 | 5     | 3/32 | 3 1/2 | 11      | 8 1/4    | 5 1/4  | 3 1/2 | 1 1/8   | 2 5/8   | 1 1/2 |
| 30                  | 1/2 | 3/4   | 3 15/16 | 1 7/8 | 6 1/4 | 1/8  | 4 3/8 | 14 1/16 | 10 15/16 | 6 9/16 | 4 3/8 | 1 13/16 | 3 9/32  | 1 7/8 |
| 36                  | 5/8 | 7/8   | 4 23/32 | 2 1/4 | 7 1/2 | 5/32 | 5 1/4 | 16 7/8  | 12 3/8   | 7 7/8  | 5 1/4 | 1       | 3 15/16 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 6 5/16  | 3     | 10    | 3/16 | 7     | 22 1/2  | 16 1/2   | 10 1/2 | 7     | 2 1/4   | 5 1/4   | 3     |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W1-4BR

11/97



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |      |    |    |    |
|--------------------------|------|----|----|----|
| A                        | B    | C  | D  | E  |
| 600                      | 600  | 9  | 16 | 38 |
| 750                      | 750  | 13 | 19 | 47 |
| 900                      | 900  | 16 | 22 | 56 |
| 1200                     | 1200 | 19 | 31 | 75 |

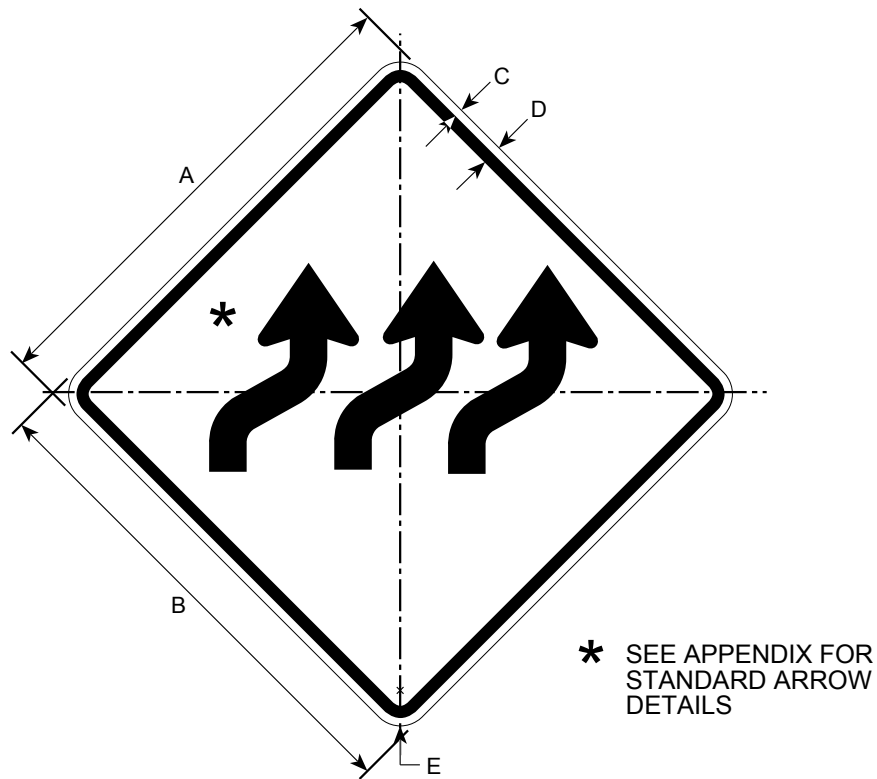
| DIMENSIONS (INCHES) |    |     |       |       |
|---------------------|----|-----|-------|-------|
| A                   | B  | C   | D     | E     |
| 24                  | 24 | 3/8 | 5/8   | 1 1/2 |
| 30                  | 30 | 1/2 | 3/4   | 1 7/8 |
| 36                  | 36 | 5/8 | 7/8   | 2 1/4 |
| 48                  | 48 | 3/4 | 1 1/4 | 3     |

COLORS  
 LEGEND—BLACK (NON-REFL)  
 BACKGROUND—ORANGE (REFL)



# W1-4CR

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |    |
|--------------------------|------|----|----|----|
| A                        | B    | C  | D  | E  |
| 600                      | 600  | 9  | 16 | 38 |
| 750                      | 750  | 13 | 19 | 47 |
| 900                      | 900  | 16 | 22 | 56 |
| 1200                     | 1200 | 19 | 31 | 75 |

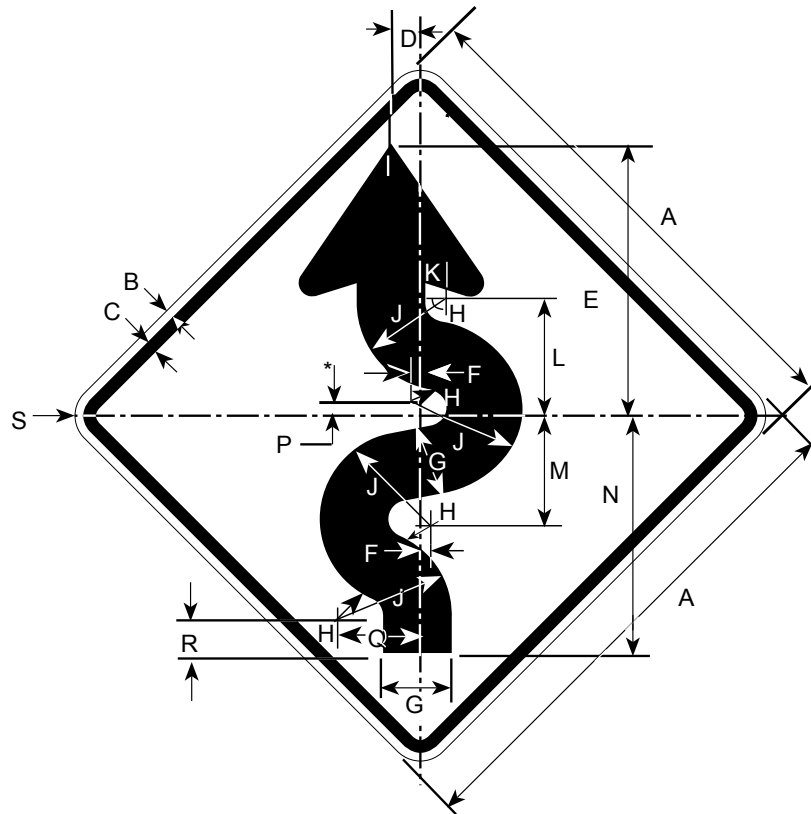
| DIMENSIONS (INCHES) |    |     |       |       |
|---------------------|----|-----|-------|-------|
| A                   | B  | C   | D     | E     |
| 24                  | 24 | 3/8 | 5/8   | 1 1/2 |
| 30                  | 30 | 1/2 | 3/4   | 1 7/8 |
| 36                  | 36 | 5/8 | 7/8   | 2 1/4 |
| 48                  | 48 | 3/4 | 1 1/4 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL.)  
BACKGROUND - ORANGE (REFL.)

# W1-5L

11/97



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

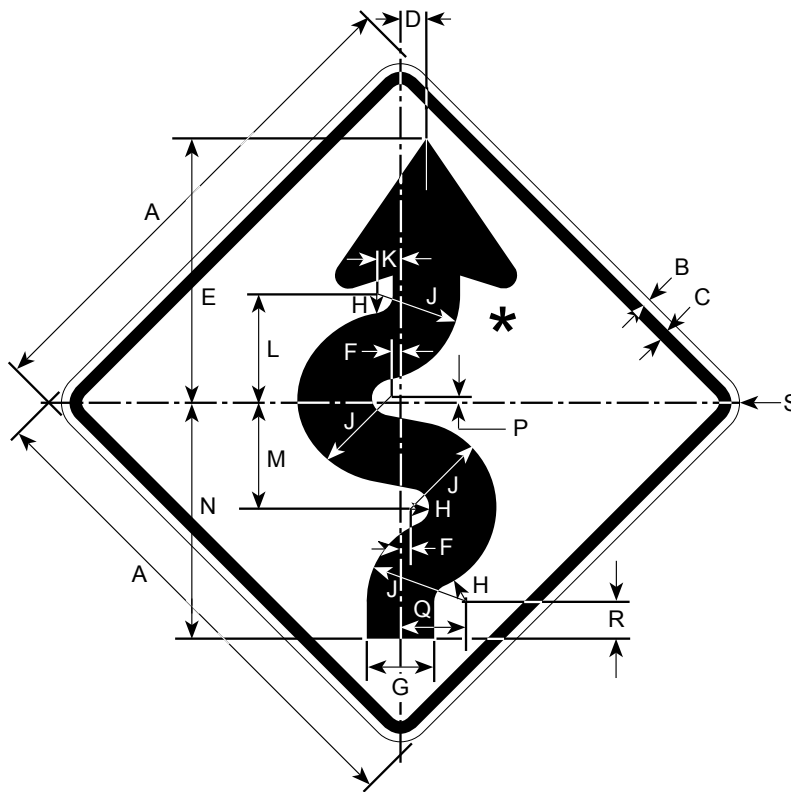
| DIMENSIONS (MILLIMETERS) |    |    |    |     |    |     |    |     |    |     |     |     |    |     |    |    |
|--------------------------|----|----|----|-----|----|-----|----|-----|----|-----|-----|-----|----|-----|----|----|
| A                        | B  | C  | D  | E   | F  | G   | H  | J   | K  | L   | M   | N   | P  | Q   | R  | S  |
| 450                      | 9  | 16 | 25 | 241 | 9  | 63  | 16 | 75  | 25 | 100 | 100 | 216 | 6  | 50  | 31 | 38 |
| 600                      | 9  | 16 | 31 | 319 | 13 | 94  | 22 | 103 | 31 | 130 | 131 | 284 | 6  | 63  | 40 | 38 |
| 750                      | 13 | 19 | 39 | 399 | 16 | 102 | 27 | 133 | 39 | 149 | 164 | 355 | 8  | 81  | 50 | 47 |
| 900                      | 16 | 22 | 47 | 478 | 19 | 122 | 33 | 155 | 47 | 195 | 197 | 427 | 9  | 94  | 60 | 56 |
| 1200                     | 19 | 31 | 63 | 638 | 25 | 163 | 44 | 206 | 62 | 260 | 262 | 569 | 13 | 125 | 80 | 75 |

| DIMENSIONS (INCHES) |     |       |        |         |     |        |        |        |        |         |        |         |      |       |         |       |
|---------------------|-----|-------|--------|---------|-----|--------|--------|--------|--------|---------|--------|---------|------|-------|---------|-------|
| A                   | B   | C     | D      | E       | F   | G      | H      | J      | K      | L       | M      | N       | P    | Q     | R       | S     |
| 18                  | 3/8 | 5/8   | 1      | 9 5/8   | 3/8 | 2 1/2  | 5/8    | 3      | 1      | 4       | 4      | 8 5/8   | 1/4  | 2     | 1 1/4   | 1 1/2 |
| 24                  | 3/8 | 5/8   | 1 1/4  | 12 3/4  | 1/2 | 3 1/4  | 7/8    | 4 1/8  | 1 1/4  | 5 3/16  | 5 1/4  | 11      | 1/4  | 2 1/2 | 1 19/32 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 1 9/16 | 15 1/16 | 5/8 | 4 1/16 | 1 3/32 | 5 5/32 | 1 9/16 | 6 31/64 | 6 9/16 | 14 7/32 | 5/16 | 3 1/8 | 2       | 1 7/8 |
| 36                  | 5/8 | 7/8   | 1 7/8  | 19 1/8  | 3/4 | 4 7/8  | 1 5/16 | 6 3/16 | 1 7/8  | 7 25/32 | 7 7/8  | 17 1/16 | 3/8  | 3 3/4 | 2 13/32 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 2 1/2  | 25 1/2  | 1   | 6 1/2  | 1 3/4  | 8 1/4  | 10 1/2 | 10 3/8  | 10 1/2 | 22 3/4  | 1/2  | 5     | 3 3/16  | 3     |

COLORS  
 LEGEND — BLACK (NON-REFL)  
 BACKGROUND — YELLOW (REFL)

# W1-5R

11/97



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |    |    |    |     |    |     |    |     |    |     |     |     |    |     |    |    |
|--------------------------|----|----|----|-----|----|-----|----|-----|----|-----|-----|-----|----|-----|----|----|
| A                        | B  | C  | D  | E   | F  | G   | H  | J   | K  | L   | M   | N   | P  | Q   | R  | S  |
| 450                      | 9  | 16 | 25 | 241 | 9  | 63  | 16 | 75  | 25 | 100 | 100 | 216 | 6  | 50  | 31 | 38 |
| 600                      | 9  | 16 | 31 | 319 | 13 | 94  | 22 | 103 | 31 | 130 | 131 | 284 | 6  | 63  | 40 | 38 |
| 750                      | 13 | 19 | 39 | 399 | 16 | 102 | 27 | 133 | 39 | 149 | 164 | 355 | 8  | 81  | 50 | 47 |
| 900                      | 16 | 22 | 47 | 478 | 19 | 122 | 33 | 155 | 47 | 195 | 197 | 427 | 9  | 94  | 60 | 56 |
| 1200                     | 19 | 31 | 63 | 638 | 25 | 163 | 44 | 206 | 62 | 260 | 262 | 569 | 13 | 125 | 80 | 75 |

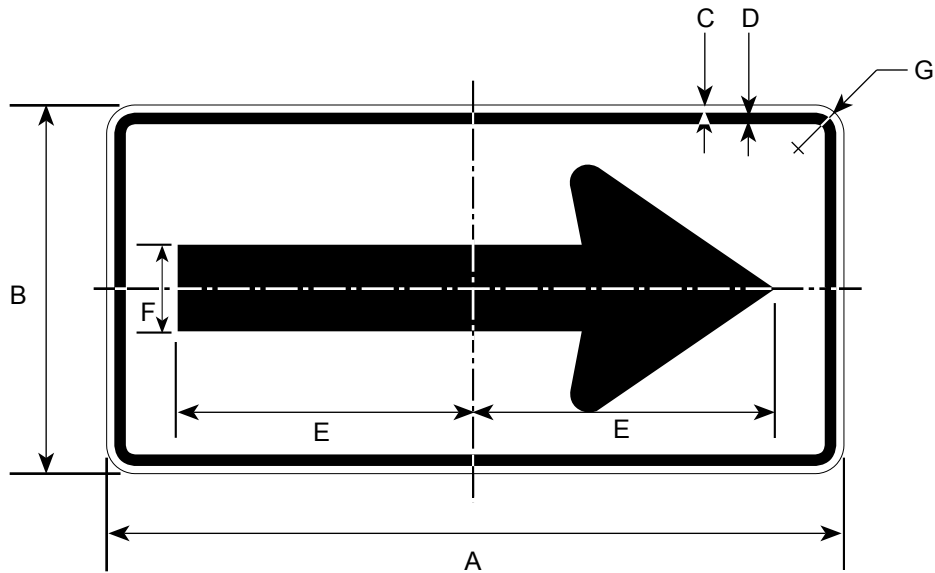
| DIMENSIONS (INCHES) |     |       |        |         |     |        |        |        |        |         |        |         |      |       |         |       |
|---------------------|-----|-------|--------|---------|-----|--------|--------|--------|--------|---------|--------|---------|------|-------|---------|-------|
| A                   | B   | C     | D      | E       | F   | G      | H      | J      | K      | L       | M      | N       | P    | Q     | R       | S     |
| 18                  | 3/8 | 5/8   | 1      | 9 5/8   | 3/8 | 2 1/2  | 5/8    | 3      | 1      | 4       | 4      | 8 5/8   | 1/4  | 2     | 1 1/4   | 1 1/2 |
| 24                  | 3/8 | 5/8   | 1 1/4  | 12 3/4  | 1/2 | 3 1/4  | 7/8    | 4 1/8  | 1 1/4  | 5 3/16  | 5 1/4  | 11      | 1/4  | 2 1/2 | 1 19/32 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 1 9/16 | 15 1/16 | 5/8 | 4 1/16 | 1 3/32 | 5 5/32 | 1 9/16 | 6 31/64 | 6 9/16 | 14 7/32 | 5/16 | 3 1/8 | 2       | 1 7/8 |
| 36                  | 5/8 | 7/8   | 1 7/8  | 19 1/8  | 3/4 | 4 7/8  | 1 5/16 | 6 3/16 | 1 7/8  | 7 25/32 | 7 7/8  | 17 1/16 | 3/8  | 3 3/4 | 2 13/32 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 2 1/2  | 25 1/2  | 1   | 6 1/2  | 1 3/4  | 8 1/4  | 10 1/2 | 10 3/8  | 10 1/2 | 22 3/4  | 1/2  | 5     | 3 3/16  | 3     |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W1-6

11/97



✱ SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |      |    |    |     |     |    |
|--------------------------|------|----|----|-----|-----|----|
| A                        | B    | C  | D  | E   | F   | G  |
| 600                      | 300  | 9  | 16 | 241 | 81  | 38 |
| 900                      | 450  | 9  | 16 | 366 | 125 | 38 |
| 1200                     | 600  | 13 | 19 | 488 | 163 | 47 |
| 1500                     | 750  | 16 | 22 | 609 | 200 | 56 |
| 2400                     | 1200 | 19 | 31 | 975 | 313 | 75 |

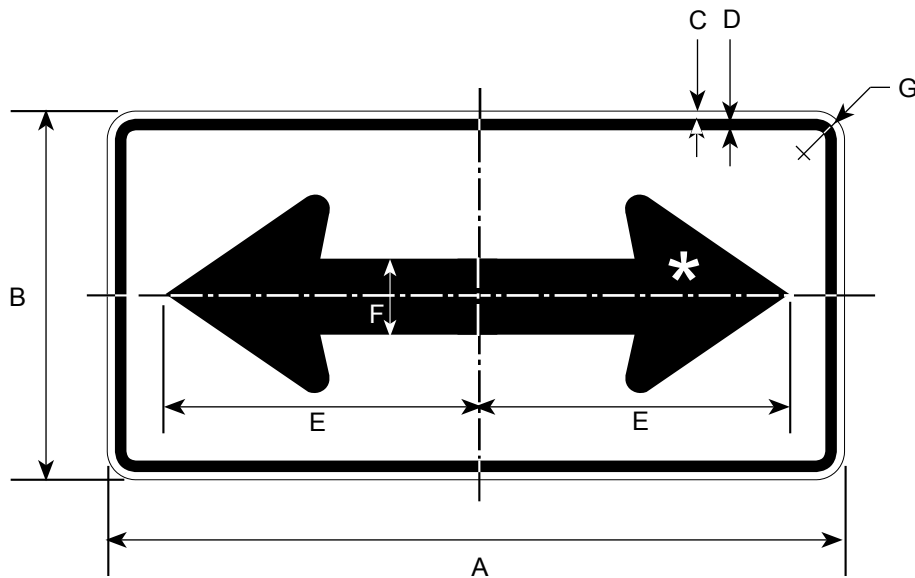
| DIMENSIONS (INCHES) |    |     |       |        |        |       |
|---------------------|----|-----|-------|--------|--------|-------|
| A                   | B  | C   | D     | E      | F      | G     |
| 24                  | 12 | 3/8 | 5/8   | 9 5/8  | 3 1/4  | 1 1/2 |
| 36                  | 18 | 3/8 | 5/8   | 14 5/8 | 5      | 1 1/2 |
| 48                  | 24 | 1/2 | 3/4   | 19 1/2 | 6 1/2  | 1 7/8 |
| 60                  | 30 | 5/8 | 7/8   | 24 3/8 | 8      | 2 1/4 |
| 96                  | 48 | 3/4 | 1 1/4 | 39     | 12 1/2 | 3     |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W1-7

11/97



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

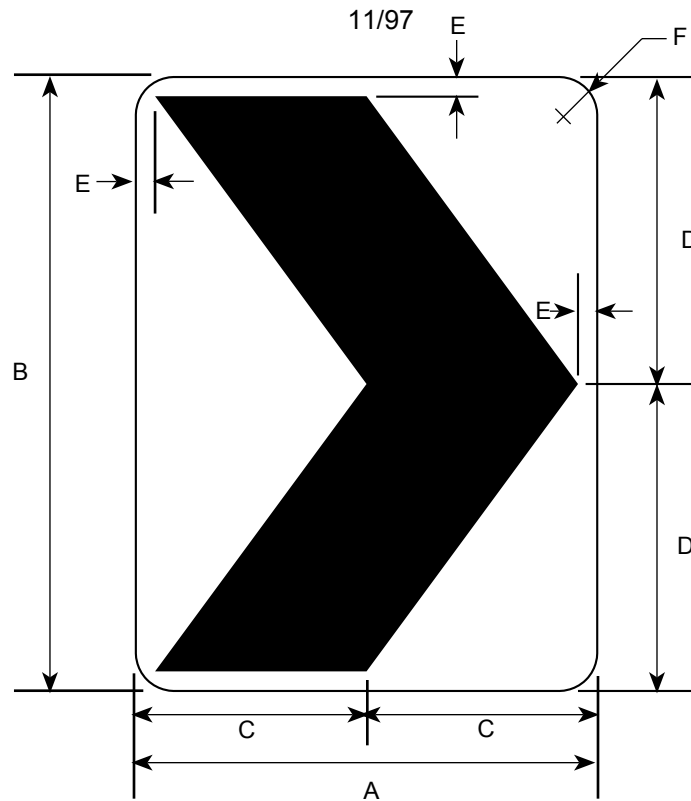
| DIMENSIONS (MILLIMETERS) |      |    |    |      |     |    |
|--------------------------|------|----|----|------|-----|----|
| A                        | B    | C  | D  | E    | F   | G  |
| 600                      | 300  | 9  | 16 | 259  | 81  | 38 |
| 900                      | 450  | 9  | 16 | 391  | 125 | 38 |
| 1200                     | 600  | 13 | 19 | 513  | 163 | 47 |
| 1500                     | 750  | 16 | 22 | 634  | 200 | 56 |
| 2400                     | 1200 | 19 | 31 | 1025 | 313 | 75 |

| DIMENSIONS (INCHES) |    |     |       |        |        |       |
|---------------------|----|-----|-------|--------|--------|-------|
| A                   | B  | C   | D     | E      | F      | G     |
| 24                  | 12 | 3/8 | 5/8   | 10 3/8 | 3 1/4  | 1 1/2 |
| 36                  | 18 | 3/8 | 5/8   | 15 5/8 | 5      | 1 1/2 |
| 48                  | 24 | 1/2 | 3/4   | 20 1/2 | 6 1/2  | 1 7/8 |
| 60                  | 30 | 5/8 | 7/8   | 25 3/8 | 8      | 2 1/4 |
| 96                  | 48 | 3/4 | 1 1/4 | 41     | 12 1/2 | 3     |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W1-8



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |      |     |     |    |    |
|--------------------------|------|-----|-----|----|----|
| A                        | B    | C   | D   | E  | F  |
| 300                      | 450  | 150 | 225 | 13 | 38 |
| 450                      | 600  | 225 | 300 | 19 | 38 |
| 600                      | 750  | 300 | 375 | 22 | 38 |
| 750                      | 900  | 375 | 450 | 25 | 47 |
| 900                      | 1200 | 450 | 600 | 28 | 56 |

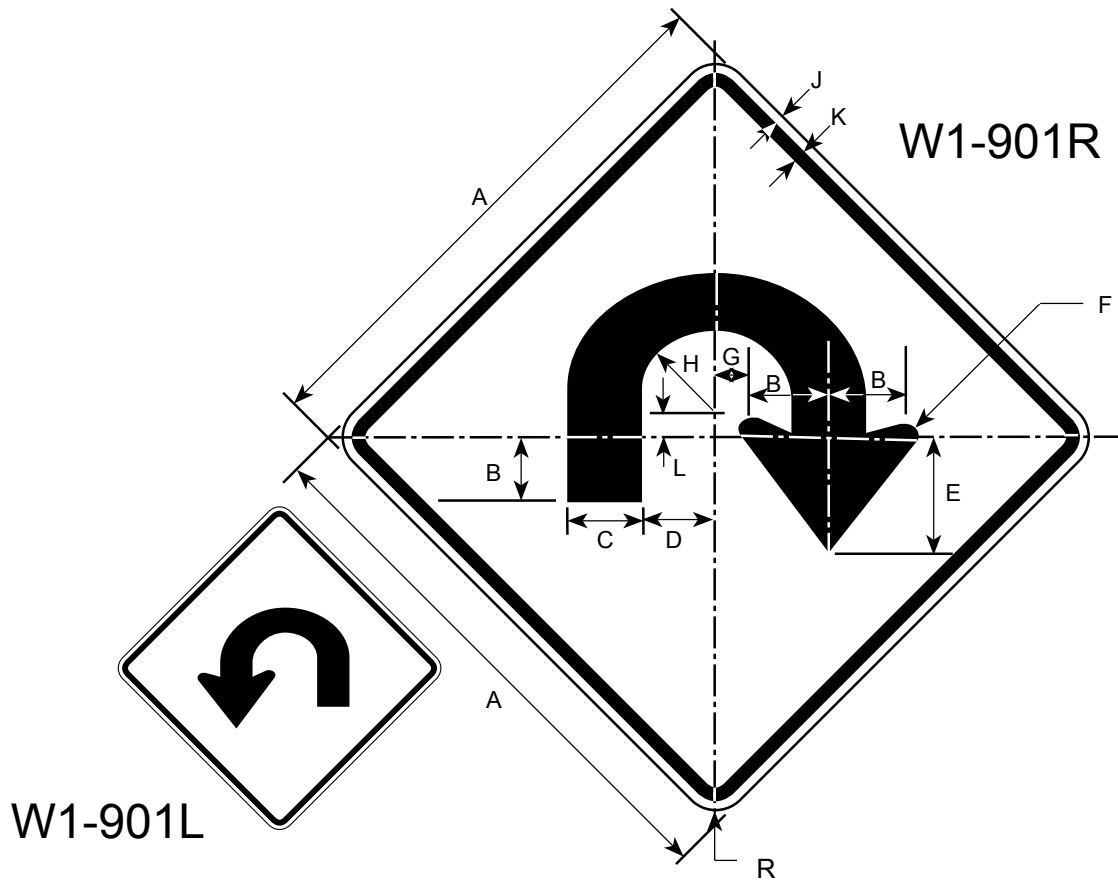
| DIMENSIONS (INCHES) |    |    |    |       |       |
|---------------------|----|----|----|-------|-------|
| A                   | B  | C  | D  | E     | F     |
| 12                  | 18 | 6  | 9  | 1/2   | 1 1/2 |
| 18                  | 24 | 9  | 12 | 3/4   | 1 1/2 |
| 24                  | 30 | 12 | 15 | 7/8   | 1 1/2 |
| 30                  | 36 | 15 | 18 | 1     | 1 7/8 |
| 36                  | 48 | 18 | 24 | 1 1/8 | 2 1/4 |

## COLORS

CHEVRON — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W1-901L & W1-901R

11/97



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |     |     |     |     |    |   |     |    |    |    |    |
|--------------------------|-----|-----|-----|-----|----|---|-----|----|----|----|----|
| A                        | B   | C   | D   | E   | F  | G | H   | J  | K  | L  | M  |
| 750                      | 125 | 109 | 144 | 219 | 19 | 6 | 192 | 22 | 13 | 19 | 47 |
| 900                      | 150 | 130 | 172 | 263 | 24 | 6 | 231 | 28 | 16 | 22 | 56 |
| 1200                     | 200 | 175 | 231 | 350 | 30 | 9 | 309 | 38 | 19 | 31 | 75 |

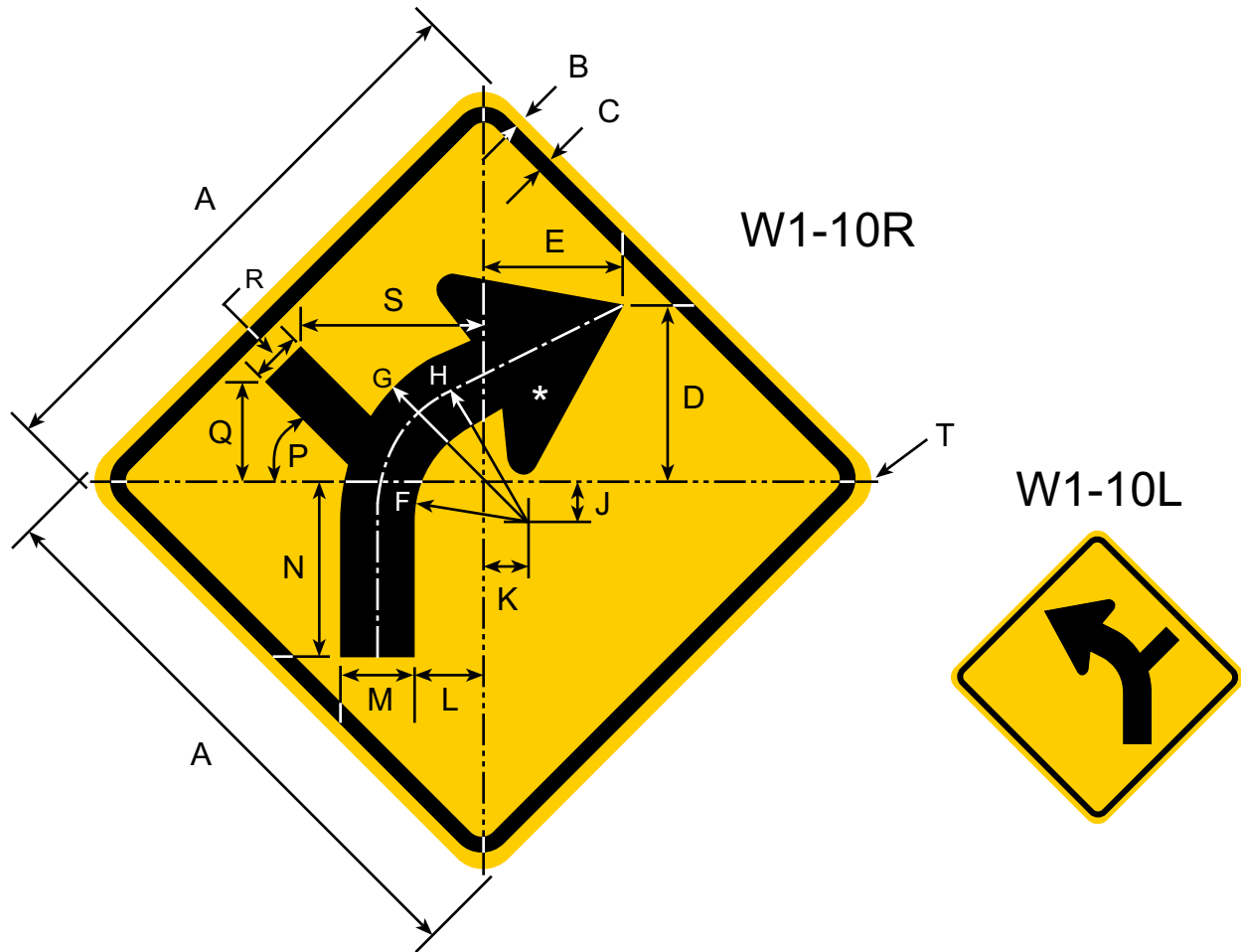
| DIMENSIONS (INCHES) |   |       |       |        |        |     |       |       |     |       |       |
|---------------------|---|-------|-------|--------|--------|-----|-------|-------|-----|-------|-------|
| A                   | B | C     | D     | E      | F      | G   | H     | J     | K   | L     | M     |
| 30                  | 5 | 4 3/8 | 5 3/4 | 8 3/4  | 3/4    | 1/4 | 7     | 7/8   | 1/2 | 3/4   | 1 7/8 |
| 36                  | 6 | 5 1/4 | 6 7/8 | 10 1/2 | 15/16  | 1/4 | 7 1/2 | 1 1/8 | 5/8 | 7/8   | 2 1/4 |
| 48                  | 8 | 7     | 9 1/4 | 14     | 1 3/16 | 3/8 | 9     | 1 1/2 | 3/4 | 1 1/4 | 3     |

## COLORS

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

# W1-10L&R

4/06



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (INCHES) |     |       |          |         |         |          |          |         |
|---------------------|-----|-------|----------|---------|---------|----------|----------|---------|
| A                   | B   | C     | D        | E       | F       | G        | H        | J       |
| 30                  | 1/2 | 3/4   | 9 47/64  | 7 17/32 | 5 51/64 | 9 51/64  | 7 51/64  | 2 15/64 |
| 36                  | 5/8 | 7/8   | 12 11/64 | 9 23/64 | 7 13/64 | 12 13/64 | 9 45/64  | 2 27/32 |
| 48                  | 3/4 | 1 1/4 | 17       | 13 1/8  | 10      | 17       | 13 33/64 | 3 31/32 |

| K       | L       | M | N        | P  | Q       | R       | S        | T     |
|---------|---------|---|----------|----|---------|---------|----------|-------|
| 2 11/64 | 3 31/64 | 4 | 9 23/32  | 45 | 5 11/64 | 2 39/64 | 9 39/64  | 1 7/8 |
| 2 59/64 | 4 23/64 | 5 | 12 11/64 | 45 | 6 13/64 | 3       | 11 17/32 | 2 1/4 |
| 4 5/64  | 6 5/64  | 7 | 17       | 45 | 8 9/32  | 4       | 15 3/8   | 3     |

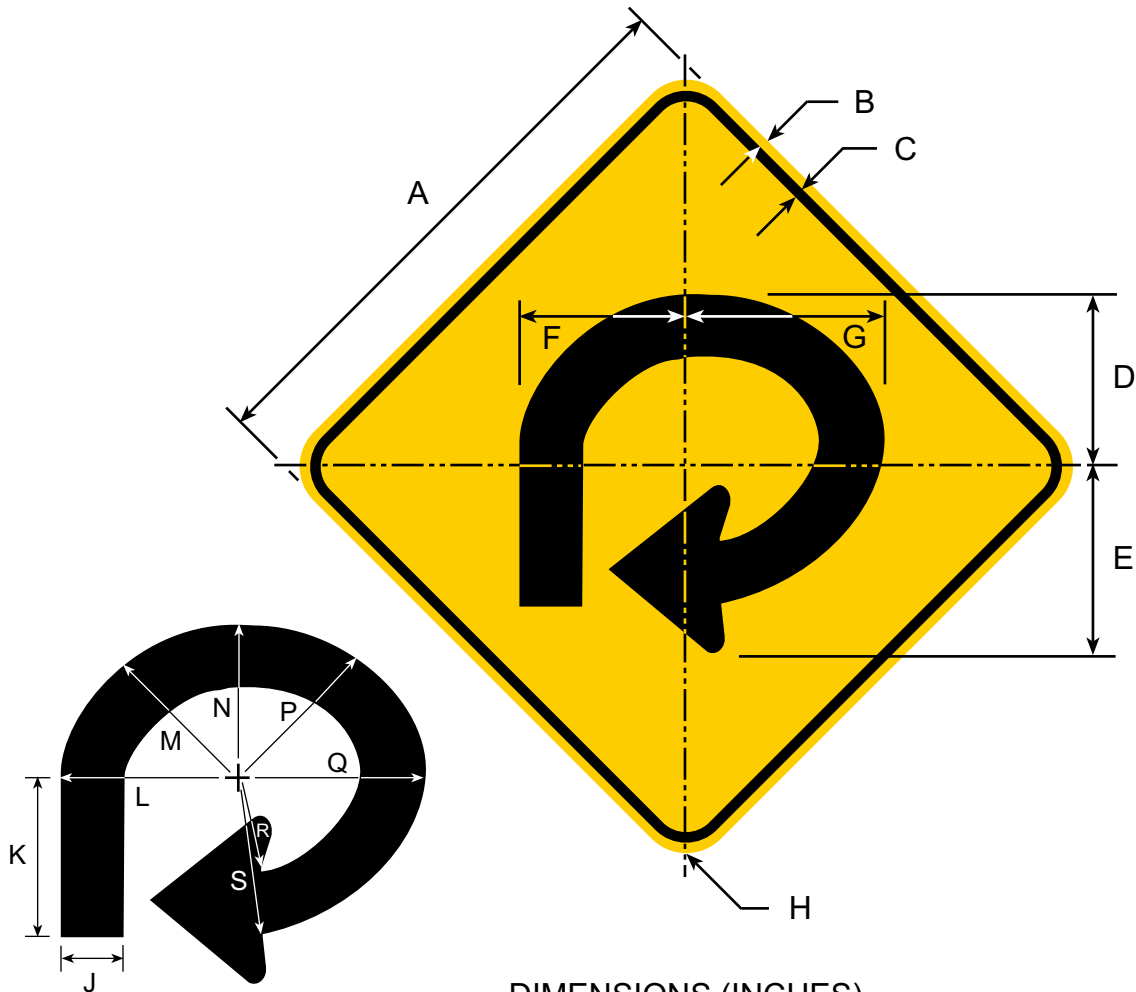
## COLORS

LEGEND, BORDER, & SYMBOL - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)



# W1-15

2/06



DIMENSIONS (INCHES)

| A  | B   | C     | D        | E       | F       | G        | H     |
|----|-----|-------|----------|---------|---------|----------|-------|
| 30 | 1/2 | 3/4   | 9 9/32   | 10 5/32 | 8 19/32 | 10 5/16  | 1 7/8 |
| 36 | 5/8 | 7/8   | 11 1/8   | 12 7/32 | 10 5/16 | 12 13/32 | 2 1/4 |
| 48 | 3/4 | 1 1/4 | 14 27/32 | 16 1/4  | 13 3/4  | 16 17/32 | 3     |

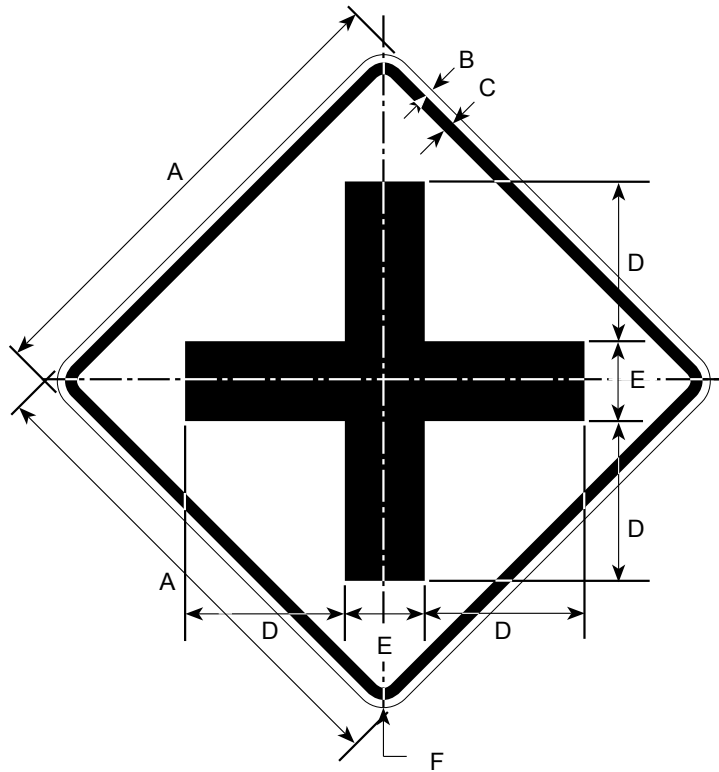
| J       | K       | L       | M        | N       | P        | Q       | R      | S       |
|---------|---------|---------|----------|---------|----------|---------|--------|---------|
| 3 3/16  | 8 13/32 | 9 7/16  | 8 31/32  | 8 3/8   | 8 21/32  | 9 7/16  | 5 9/32 | 8 1/2   |
| 3 27/32 | 10 3/32 | 11 5/16 | 10 25/32 | 10 1/16 | 10 25/32 | 11 5/16 | 6 5/16 | 10 5/32 |
| 5 1/8   | 13 7/16 | 15 1/8  | 14 11/32 | 13 3/8  | 14 11/32 | 15 1/8  | 8 7/16 | 13 9/16 |

## COLORS

LEGEND, BORDER, & SYMBOL - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W2-1

6/00



| DIMENSIONS (MILLIMETERS) |    |    |     |     |    |
|--------------------------|----|----|-----|-----|----|
| A                        | B  | C  | D   | E   | F  |
| 450                      | 9  | 16 | 150 | 75  | 38 |
| 600                      | 9  | 16 | 200 | 100 | 38 |
| 750                      | 13 | 19 | 250 | 125 | 38 |
| 900                      | 16 | 22 | 300 | 150 | 47 |
| 1200                     | 19 | 31 | 400 | 200 | 56 |

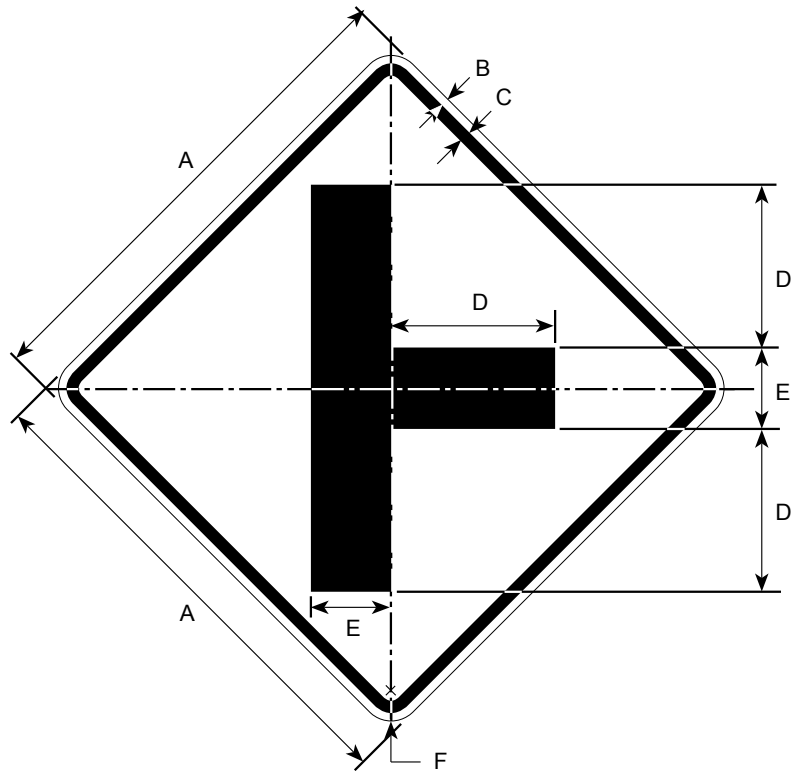
| DIMENSIONS (INCHES) |     |       |    |   |       |
|---------------------|-----|-------|----|---|-------|
| A                   | B   | C     | D  | E | F     |
| 18                  | 3/8 | 5/8   | 6  | 3 | 1 1/2 |
| 24                  | 3/8 | 5/8   | 8  | 4 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 10 | 5 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 12 | 6 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 16 | 8 | 3     |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W2-2

6/00



| DIMENSIONS (MILLIMETERS) |    |    |     |     |    |
|--------------------------|----|----|-----|-----|----|
| A                        | B  | C  | D   | E   | F  |
| 450                      | 9  | 16 | 150 | 75  | 38 |
| 600                      | 9  | 16 | 200 | 100 | 38 |
| 750                      | 13 | 19 | 250 | 125 | 38 |
| 900                      | 16 | 22 | 300 | 150 | 47 |
| 1200                     | 19 | 31 | 400 | 200 | 56 |

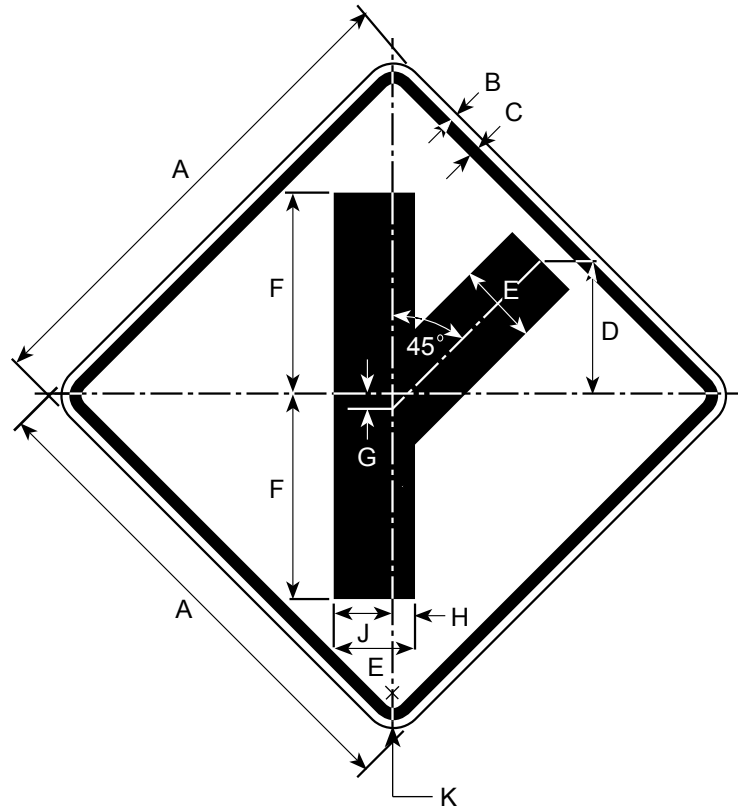
| DIMENSIONS (INCHES) |     |       |    |   |       |
|---------------------|-----|-------|----|---|-------|
| A                   | B   | C     | D  | E | F     |
| 18                  | 3/8 | 5/8   | 6  | 3 | 1 1/2 |
| 24                  | 3/8 | 5/8   | 8  | 4 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 10 | 5 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 12 | 6 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 16 | 8 | 3     |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W2-3

10/97



\* SEE APPENDIX FOR STANDARD SYMBOL DETAILS

| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |    |    |     |    |
|--------------------------|----|----|-----|-----|-----|----|----|-----|----|
| A                        | B  | C  | D   | E   | F   | G  | H  | J   | K  |
| 450                      | 9  | 16 | 125 | 75  | 194 | 9  | 19 | 56  | 38 |
| 600                      | 9  | 16 | 167 | 100 | 250 | 14 | 25 | 75  | 38 |
| 750                      | 13 | 19 | 208 | 125 | 313 | 17 | 31 | 94  | 47 |
| 900                      | 16 | 22 | 250 | 150 | 375 | 21 | 38 | 11  | 56 |
| 1200                     | 19 | 31 | 333 | 200 | 500 | 28 | 50 | 150 | 75 |

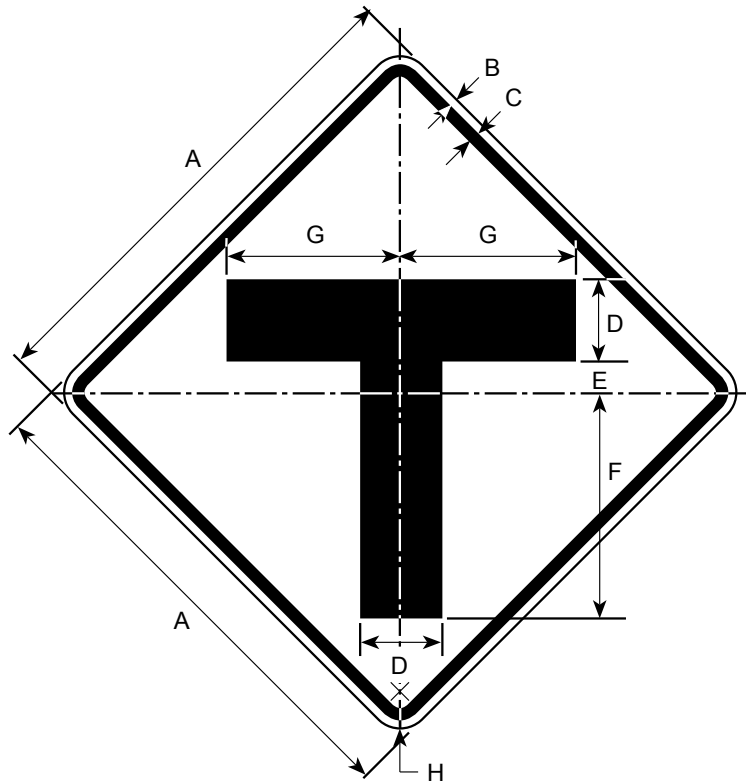
| DIMENSIONS (INCHES) |     |       |         |   |        |       |       |       |       |
|---------------------|-----|-------|---------|---|--------|-------|-------|-------|-------|
| A                   | B   | C     | D       | E | F      | G     | H     | J     | K     |
| 18                  | 3/8 | 5/8   | 5       | 3 | 7 3/4  | 3/8   | 3/4   | 2 1/4 | 1 1/2 |
| 24                  | 3/8 | 5/8   | 6 21/32 | 4 | 10     | 9/16  | 1     | 3     | 1 1/2 |
| 30                  | 1/2 | 3/4   | 8 5/16  | 5 | 12 1/2 | 11/16 | 1 1/4 | 3 3/4 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 10      | 6 | 15     | 27/32 | 1 1/2 | 4 1/2 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 13 5/16 | 7 | 20     | 1 1/8 | 2     | 6     | 3     |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W2-4

11/97



## DIMENSIONS (MILLIMETERS)

| A    | B  | C  | D   | E  | F   | G   | H  |
|------|----|----|-----|----|-----|-----|----|
| 450  | 9  | 16 | 75  | 31 | 209 | 159 | 38 |
| 600  | 9  | 16 | 100 | 38 | 275 | 213 | 38 |
| 750  | 13 | 19 | 125 | 47 | 344 | 266 | 47 |
| 900  | 16 | 22 | 150 | 56 | 413 | 319 | 56 |
| 1200 | 19 | 31 | 200 | 75 | 550 | 425 | 75 |

## DIMENSIONS (INCHES)

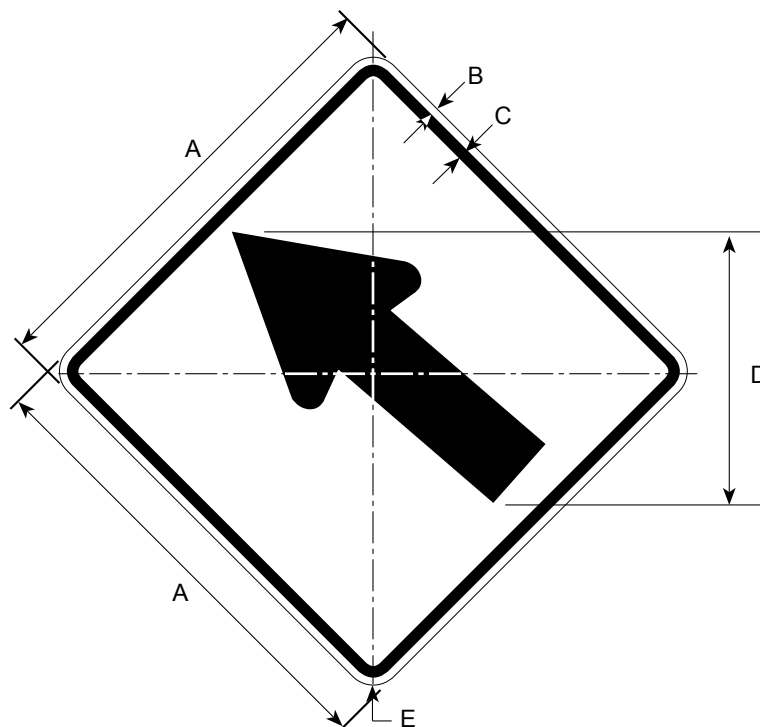
| A  | B   | C     | D | E     | F      | G      | H     |
|----|-----|-------|---|-------|--------|--------|-------|
| 18 | 3/8 | 5/8   | 3 | 1 1/4 | 8 3/8  | 6 3/8  | 1 1/2 |
| 24 | 3/8 | 5/8   | 4 | 1 1/2 | 1      | 8 1/2  | 1 1/2 |
| 30 | 1/2 | 3/4   | 5 | 1 7/8 | 13 3/4 | 10 5/8 | 1 7/8 |
| 36 | 5/8 | 7/8   | 6 | 2 1/4 | 16 1/2 | 12 3/4 | 2 1/4 |
| 48 | 3/4 | 1 1/4 | 8 | 3     | 22     | 17     | 3     |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W2-401

11/97



\* SEE APPENDIX FOR STANDARD ARROW

| DIMENSIONS (MILLIMETERS) |    |    |     |     |
|--------------------------|----|----|-----|-----|
| A                        | B  | C  | D   | E   |
| 750                      | 13 | 19 | 94  | 125 |
| 900                      | 16 | 22 | 11  | 150 |
| 1200                     | 19 | 31 | 150 | 200 |

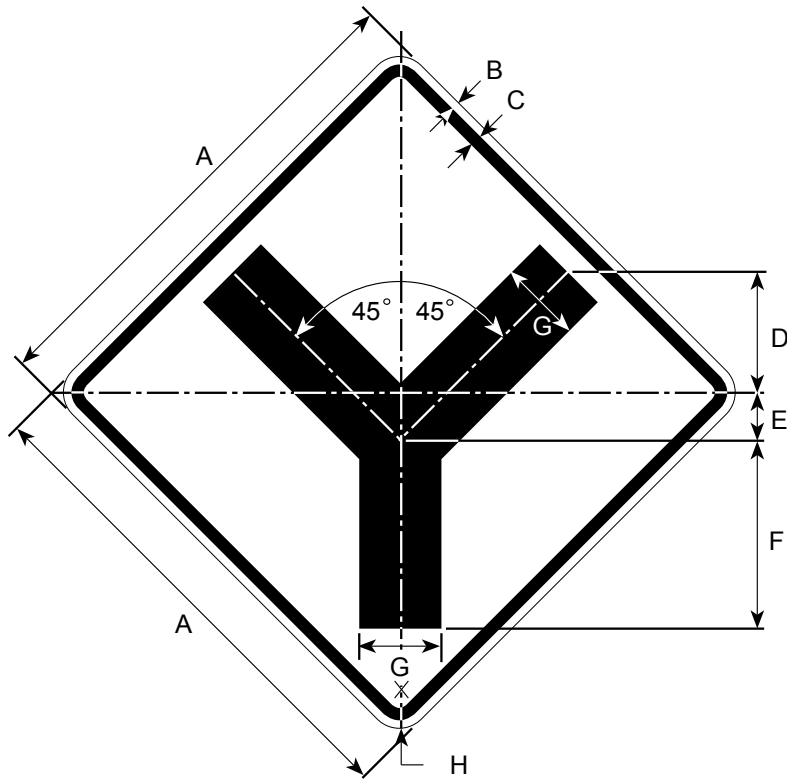
| DIMENSIONS (INCHES) |     |       |       |       |
|---------------------|-----|-------|-------|-------|
| A                   | B   | C     | D     | E     |
| 30                  | 1/2 | 3/4   | 2 1/2 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 3     | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 4     | 3     |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W2-5

11/97



## DIMENSIONS (MILLIMETERS)

| A    | B  | C  | D   | E   | F   | G   | H  |
|------|----|----|-----|-----|-----|-----|----|
| 450  | 9  | 16 | 11  | 44  | 169 | 75  | 38 |
| 600  | 9  | 16 | 148 | 60  | 227 | 100 | 38 |
| 750  | 13 | 19 | 184 | 75  | 285 | 125 | 47 |
| 900  | 16 | 22 | 221 | 90  | 342 | 150 | 56 |
| 1200 | 19 | 31 | 296 | 121 | 455 | 200 | 75 |

## DIMENSIONS (INCHES)

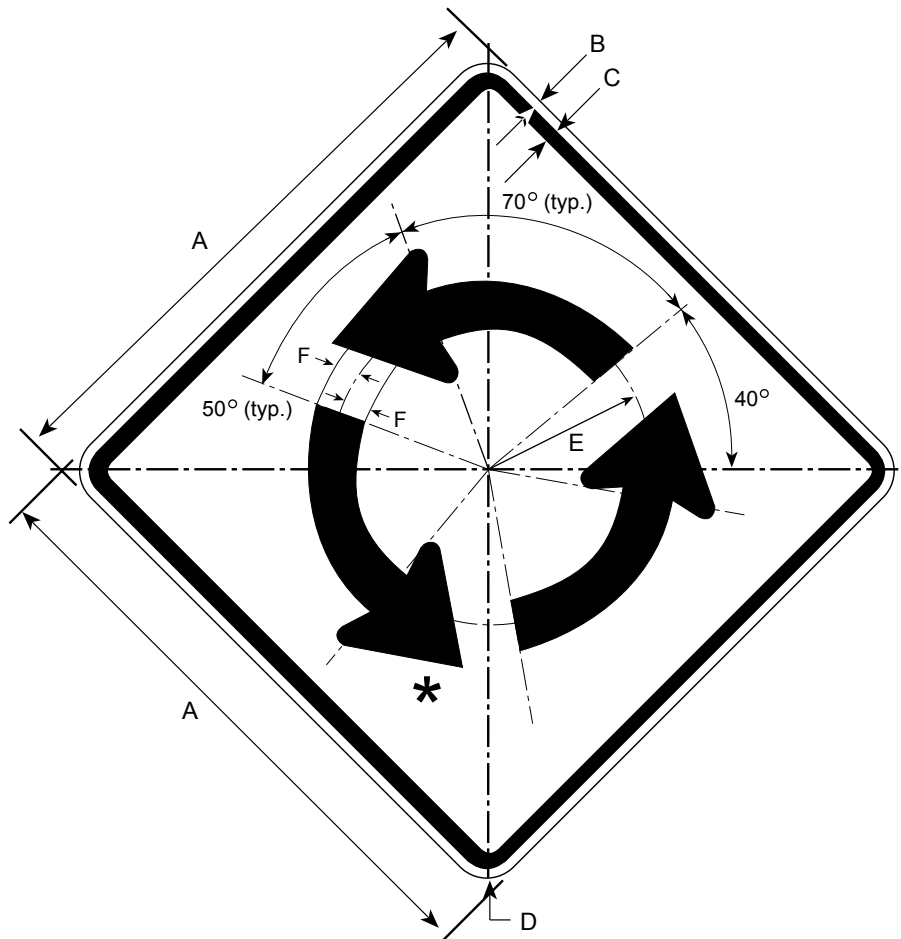
| A  | B   | C     | D       | E       | F      | G      | H     |
|----|-----|-------|---------|---------|--------|--------|-------|
| 18 | 3/8 | 5/8   | 4 1/2   | 1 3/4   | 8 3/8  | 6 3/8  | 1 1/2 |
| 24 | 3/8 | 5/8   | 5 29/32 | 2 13/32 | 1      | 8 1/2  | 1 1/2 |
| 30 | 1/2 | 3/4   | 7 3/8   | 3       | 13 3/4 | 10 5/8 | 1 7/8 |
| 36 | 5/8 | 7/8   | 8 27/32 | 3 19/32 | 16 1/2 | 12 3/4 | 2 1/4 |
| 48 | 3/4 | 1 1/4 | 11      | 18 3/16 | 22     | 17     | 3     |

## COLORS

LEGEND — BLACK (NON REFL.)  
BACKGROUND — YELLOW (REFL.)

# W2-6

4/03



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |    |    |    |     |    |
|--------------------------|----|----|----|-----|----|
| A                        | B  | C  | D  | E   | F  |
| 900                      | 16 | 22 | 56 | 250 | 40 |
| 1200                     | 19 | 31 | 75 | 333 | 53 |

| DIMENSIONS (INCHES) |     |       |       |        |       |
|---------------------|-----|-------|-------|--------|-------|
| A                   | B   | C     | D     | E      | F     |
| 36                  | 5/8 | 7/8   | 2 1/4 | 10     | 1 5/8 |
| 48                  | 3/4 | 1 1/4 | 3     | 13 1/4 | 2 1/8 |

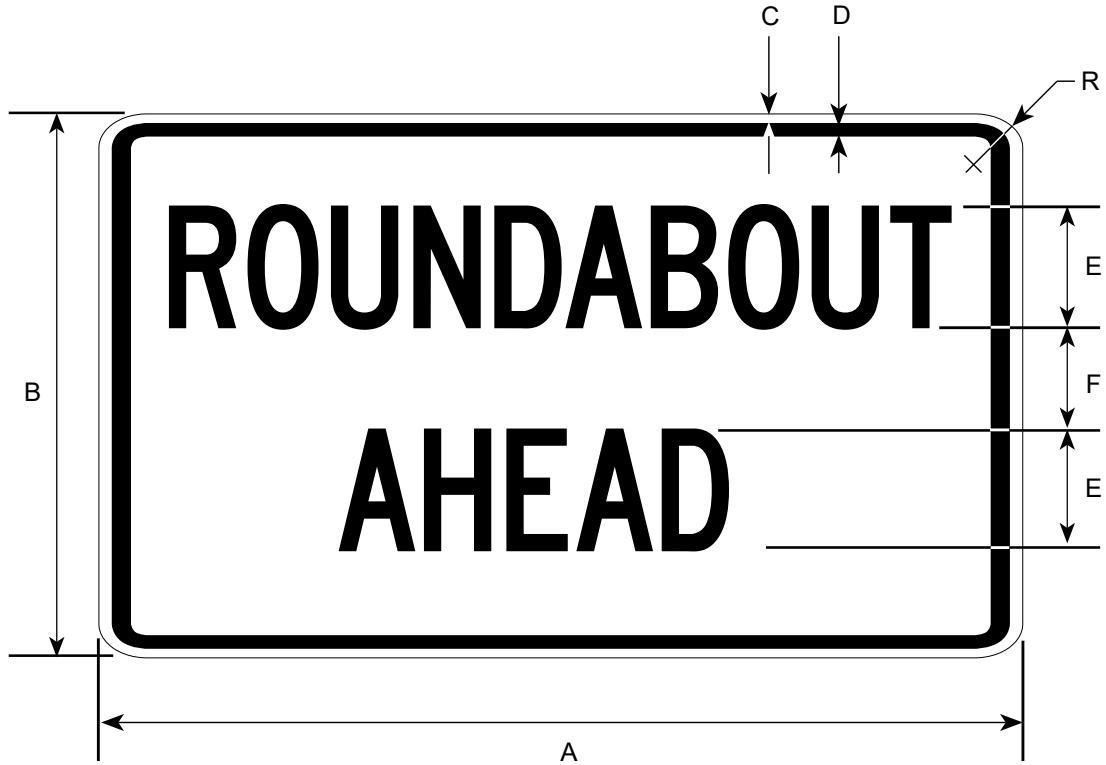
## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)



# W2-6P

4/03



| DIMENSIONS (MILLIMETERS) |     |    |    |       |     |    |
|--------------------------|-----|----|----|-------|-----|----|
| A                        | B   | C  | D  | E     | F   | R  |
| 900                      | 450 | 9  | 16 | 100-C | 400 | 38 |
| 1200                     | 600 | 13 | 19 | 150-C | 400 | 47 |

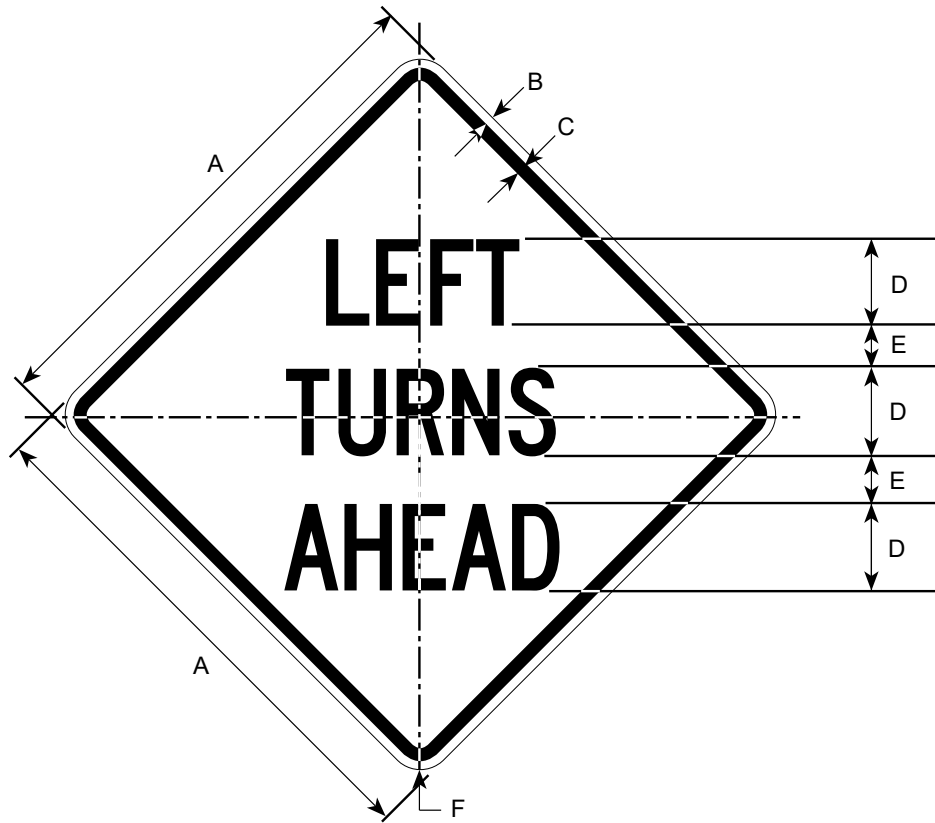
| DIMENSIONS (INCHES) |    |     |     |     |   |       |
|---------------------|----|-----|-----|-----|---|-------|
| A                   | B  | C   | D   | E   | F | R     |
| 36                  | 18 | 3/8 | 5/8 | 4-C | 4 | 1 1/2 |
| 48                  | 24 | 1/2 | 3/4 | 6-C | 4 | 1 7/8 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W2-601

11/97



| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |
|--------------------------|----|----|-----|-----|-----|
| A                        | B  | C  | D   | E   | F   |
| 750                      | 13 | 19 | 188 | 94  | 125 |
| 900                      | 16 | 22 | 225 | 11  | 150 |
| 1200                     | 19 | 31 | 300 | 150 | 200 |

| DIMENSIONS (INCHES) |     |       |     |       |       |
|---------------------|-----|-------|-----|-------|-------|
| A                   | B   | C     | D   | E     | F     |
| 30                  | 1/2 | 3/4   | 5-C | 2 1/2 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6-C | 3     | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8-C | 4     | 3     |

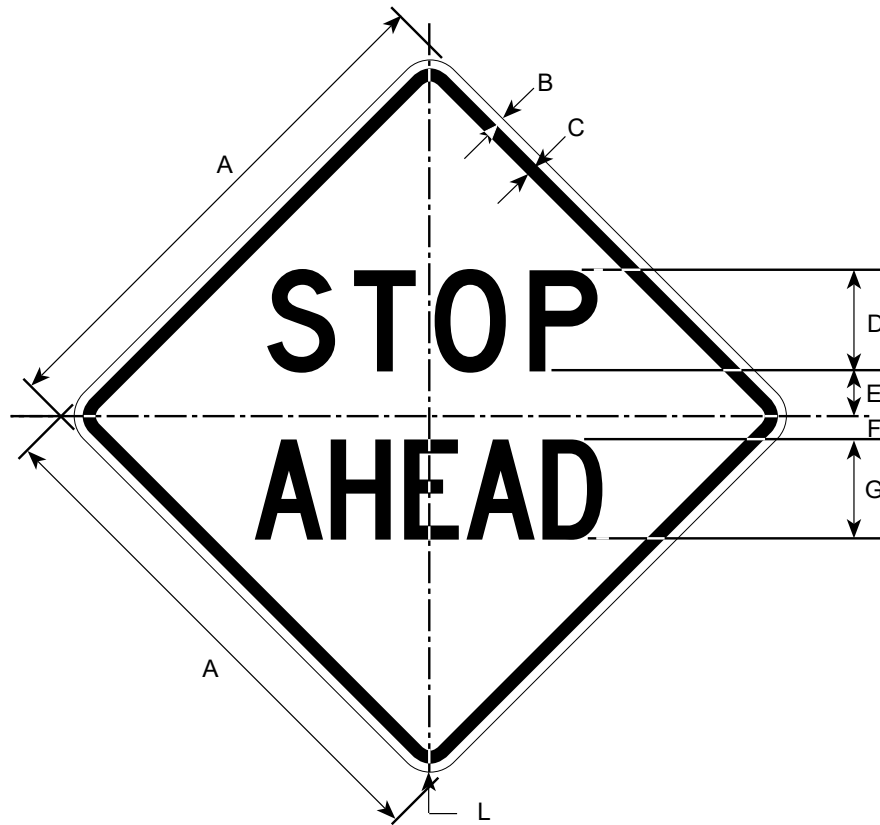
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - YELLOW (REFL)

# W3-1

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |     |    |      |    |
|--------------------------|----|----|------|-----|----|------|----|
| A                        | B  | C  | D    | E   | F  | G    | L  |
| 450                      | 9  | 16 | 75D  | 44  | 19 | 75C  | 38 |
| 750                      | 13 | 19 | 150D | 63  | 31 | 150C | 47 |
| 900                      | 16 | 22 | 175D | 75  | 38 | 175C | 56 |
| 1200                     | 19 | 31 | 225D | 100 | 50 | 225C | 75 |

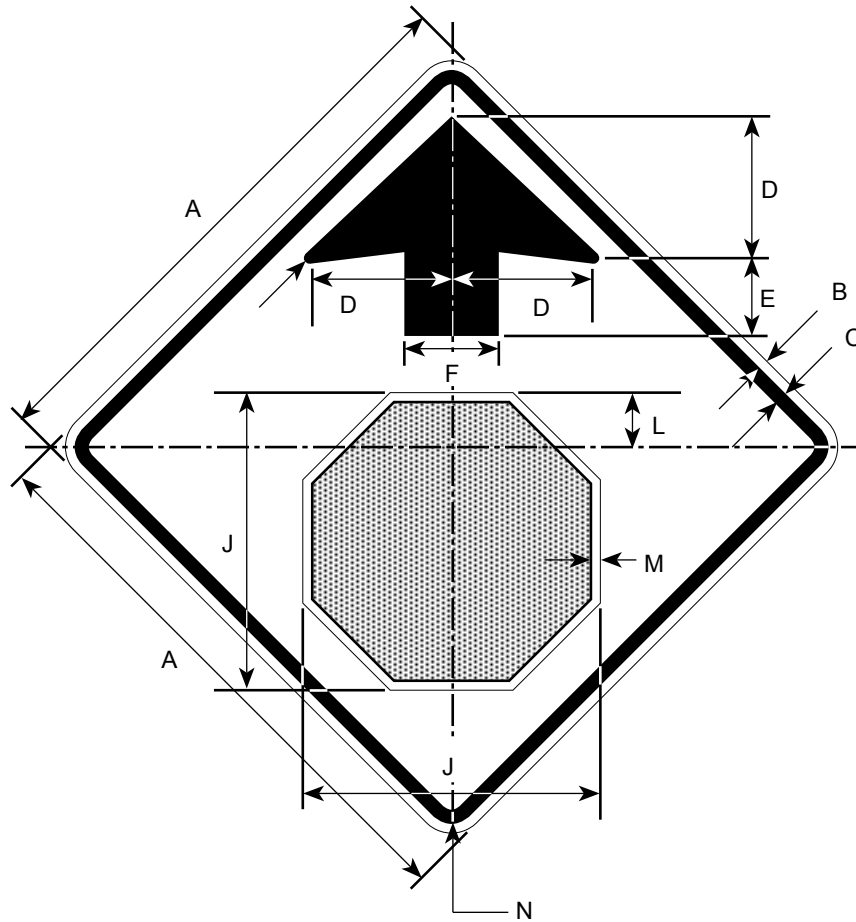
| DIMENSIONS (INCHES) |     |       |    |       |       |    |       |
|---------------------|-----|-------|----|-------|-------|----|-------|
| A                   | B   | C     | D  | E     | F     | G  | L     |
| 18                  | 3/8 | 5/8   | 3D | 1 3/4 | 3/4   | 3C | 1 1/2 |
| 30                  | 1/2 | 3/4   | 6D | 2 1/2 | 1 1/4 | 6C | 1 7/8 |
| 36                  | 5/8 | 7/8   | 7D | 3     | 1 1/2 | 7C | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 9D | 4     | 2     | 9C | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W3-1A

11/97



## DIMENSIONS (MILLIMETERS)

| A    | B  | C  | D   | E   | F   | G  | H  | J   | K   | L  | M  | N  |
|------|----|----|-----|-----|-----|----|----|-----|-----|----|----|----|
| 750  | 13 | 19 | 188 | 97  | 125 | 16 | 8  | 394 | 156 | 72 | 13 | 47 |
| 900  | 16 | 22 | 225 | 11  | 150 | 19 | 9  | 475 | 188 | 88 | 16 | 56 |
| 1200 | 19 | 31 | 300 | 150 | 200 | 25 | 13 | 628 | 250 | 11 | 19 | 75 |

## DIMENSIONS (INCHES)

| A  | B   | C     | D     | E     | F | G   | H    | J      | K     | L     | M   | N     |
|----|-----|-------|-------|-------|---|-----|------|--------|-------|-------|-----|-------|
| 30 | 1/2 | 3/4   | 7 1/2 | 3 3/4 | 5 | 5/8 | 5/16 | 15 3/4 | 6 1/4 | 2 7/8 | 1/2 | 1 7/8 |
| 36 | 5/8 | 7/8   | 9     | 4 1/2 | 6 | 3/4 | 3/8  | 19     | 7 1/2 | 3 1/2 | 5/8 | 2 1/4 |
| 48 | 3/4 | 1 1/4 | 12    | 6     | 8 | 1   | 1/2  | 25 1/8 | 10    | 4 1/2 | 3/4 | 3     |

## COLORS

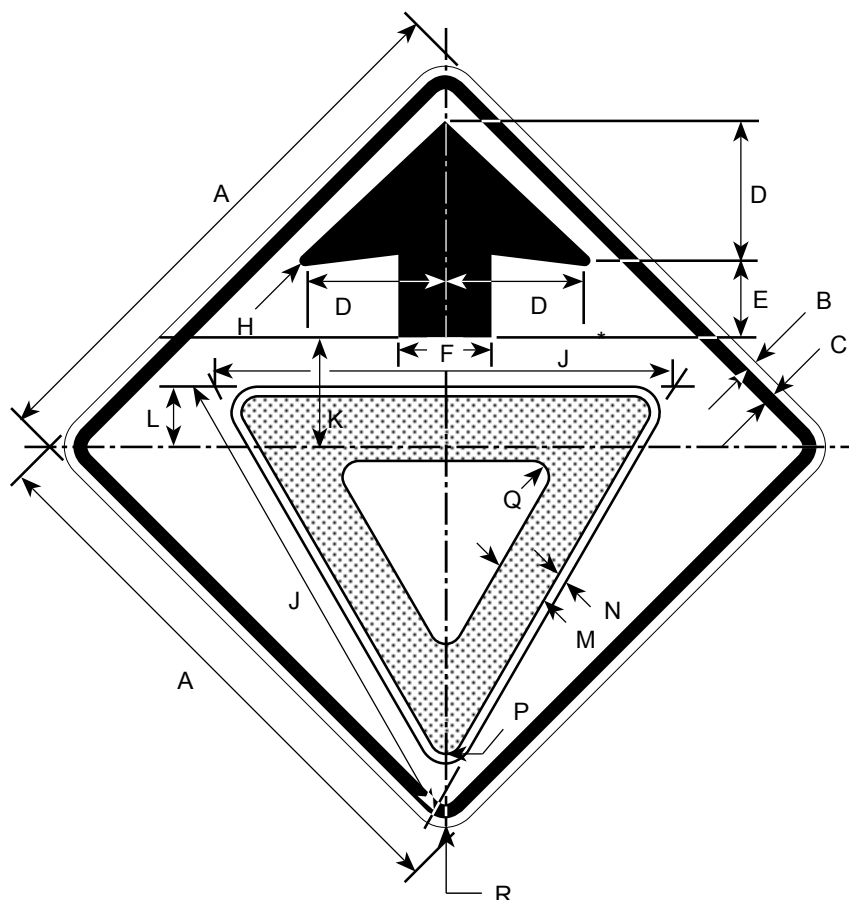
BORDER & ARROW - BLACK (NON-REFL)

SYMBOL - WHITE BORDER ON RED BACKGROUND (REFL)

BACKGROUND - YELLOW (REFL)

# W3-2A

11/97



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |    |     |     |    |     |    |    |    |    |
|--------------------------|----|----|-----|-----|-----|----|-----|-----|----|-----|----|----|----|----|
| A                        | B  | C  | D   | E   | F   | H  | J   | K   | L  | M   | N  | P  | Q  | R  |
| 750                      | 13 | 19 | 188 | 94  | 125 | 8  | 625 | 156 | 75 | 84  | 13 | 31 | 16 | 47 |
| 900                      | 16 | 22 | 225 | 11  | 150 | 9  | 700 | 188 | 84 | 94  | 16 | 34 | 19 | 56 |
| 1200                     | 19 | 31 | 300 | 150 | 200 | 13 | 950 | 250 | 11 | 125 | 19 | 47 | 25 | 75 |

| DIMENSIONS (INCHES) |     |       |       |       |   |      |    |       |       |       |         |       |     |       |
|---------------------|-----|-------|-------|-------|---|------|----|-------|-------|-------|---------|-------|-----|-------|
| A                   | B   | C     | D     | E     | F | H    | J  | K     | L     | M     | N       | P     | Q   | R     |
| 30                  | 1/2 | 3/4   | 7 1/2 | 3 3/4 | 5 | 5/16 | 25 | 6 1/4 | 3     | 3 3/8 | 7/8     | 1 1/4 | 5/8 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 9     | 4 1/2 | 6 | 3/8  | 28 | 7 1/2 | 3 3/8 | 3 3/4 | 1 1/8   | 1 3/8 | 3/4 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 12    | 6     | 8 | 1/2  | 38 | 10    | 4 1/2 | 5     | 1 13/16 | 1 7/8 | 1   | 3     |

## COLORS

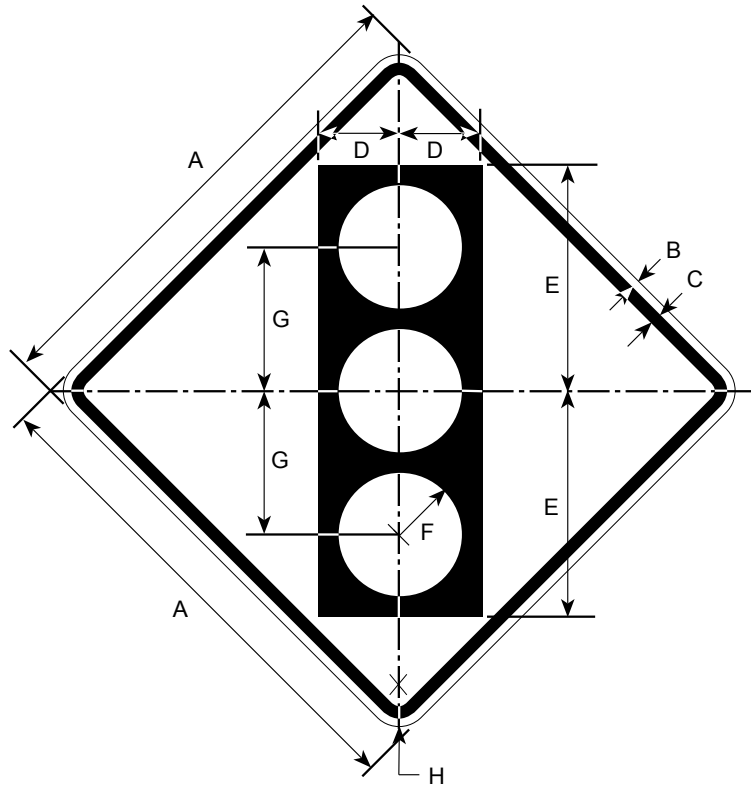
BORDER & ARROW - BLACK (NON-REFL)

SYMBOL - RED BORDER ON WHITE BACKGROUND (REFL)

BACKGROUND - YELLOW (REFL)

# W3-3

11/97



| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |     |    |
|--------------------------|----|----|-----|-----|-----|-----|----|
| A                        | B  | C  | D   | E   | F   | G   | H  |
| 450                      | 9  | 16 | 75  | 200 | 56  | 125 | 38 |
| 750                      | 13 | 19 | 125 | 344 | 94  | 219 | 47 |
| 900                      | 16 | 22 | 144 | 394 | 106 | 250 | 56 |
| 1200                     | 19 | 31 | 188 | 500 | 125 | 313 | 75 |

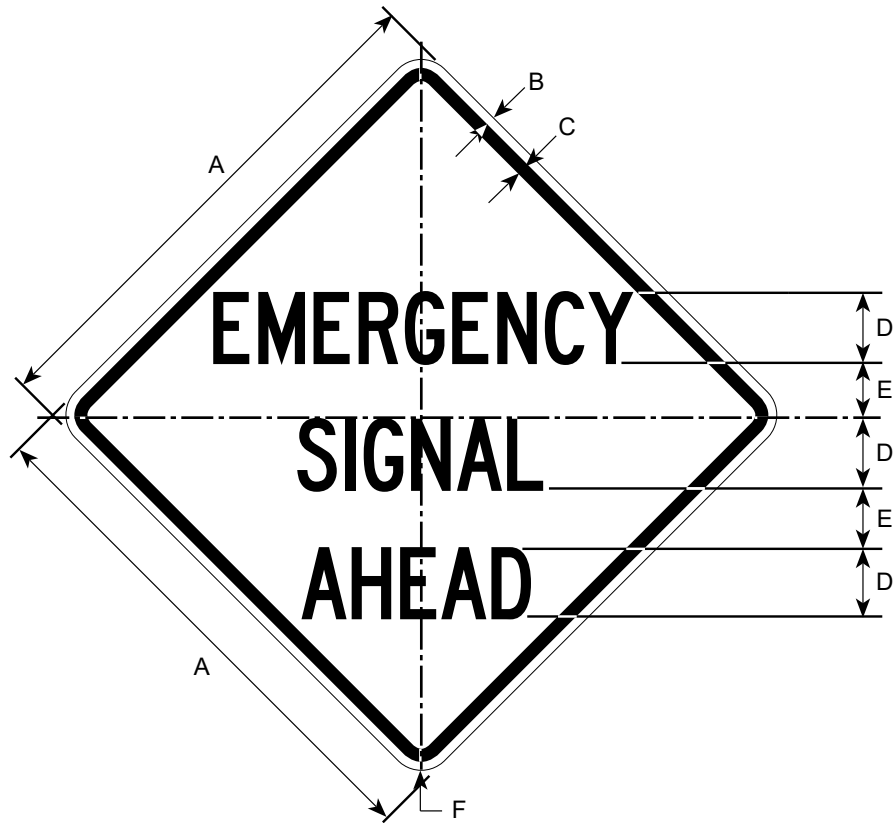
| DIMENSIONS (INCHES) |     |       |       |        |       |        |       |
|---------------------|-----|-------|-------|--------|-------|--------|-------|
| A                   | B   | C     | D     | E      | F     | G      | H     |
| 18                  | 3/8 | 5/8   | 3     | 8      | 2 1/4 | 5      | 1 1/2 |
| 30                  | 1/2 | 3/4   | 5     | 13 3/4 | 3 3/4 | 8 3/4  | 1 7/8 |
| 36                  | 5/8 | 7/8   | 5 3/4 | 15 3/4 | 4 1/4 | 10     | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7 1/2 | 20     | 5     | 12 1/2 | 3     |

## COLORS

SYMBOL AND LEGEND— BLACK (NON-REFL)  
 BOTTOM CIRCLE— GREEN (REFL)  
 TOP CIRCLE— RED (REFL)  
 BACKGROUND— YELLOW (REFL)

# W3-401

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |     |    |
|--------------------------|----|----|------|-----|----|
| A                        | B  | C  | D    | E   | F  |
| 750                      | 13 | 19 | 100C | 88  | 47 |
| 900                      | 16 | 22 | 125C | 75  | 56 |
| 1200                     | 19 | 31 | 150C | 100 | 75 |

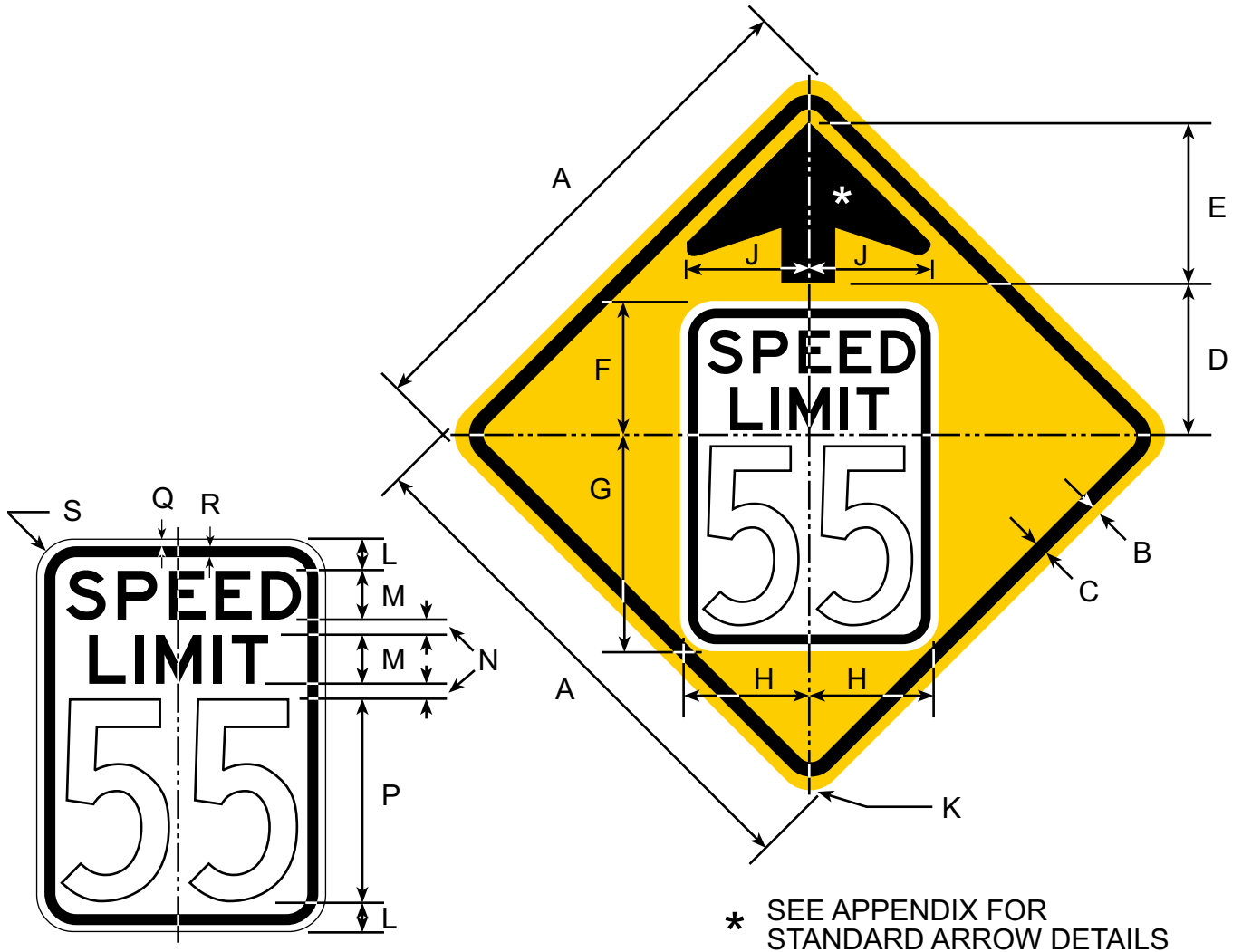
| DIMENSIONS (INCHES) |     |       |     |       |       |
|---------------------|-----|-------|-----|-------|-------|
| A                   | B   | C     | D   | E     | F     |
| 30                  | 1/2 | 3/4   | 4-C | 3 1/2 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 5-C | 4 1/2 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 6-C | 6     | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
 BACKGROUND - YELLOW (REFL)

# W3-5

4/06



| DIMENSIONS (INCHES) |     |       |        |    |        |        |    |
|---------------------|-----|-------|--------|----|--------|--------|----|
| A                   | B   | C     | D      | E  | F      | G      | H  |
| 36                  | 5/8 | 7/8   | 10     | 12 | 9      | 15     | 9  |
| 48                  | 3/4 | 1 1/4 | 11 3/4 | 18 | 10 3/4 | 19 3/4 | 12 |

| J  | K     | L     | M  | N     | P   | Q   | R   | S     |
|----|-------|-------|----|-------|-----|-----|-----|-------|
| 9  | 2 1/4 | 2     | 3E | 1     | 12C | 3/8 | 5/8 | 2 1/4 |
| 12 | 3     | 2 1/4 | 4E | 1 1/4 | 15C | 3/8 | 5/8 | 3     |

## COLORS

BORDER & ARROW - BLACK (NON-REFL)

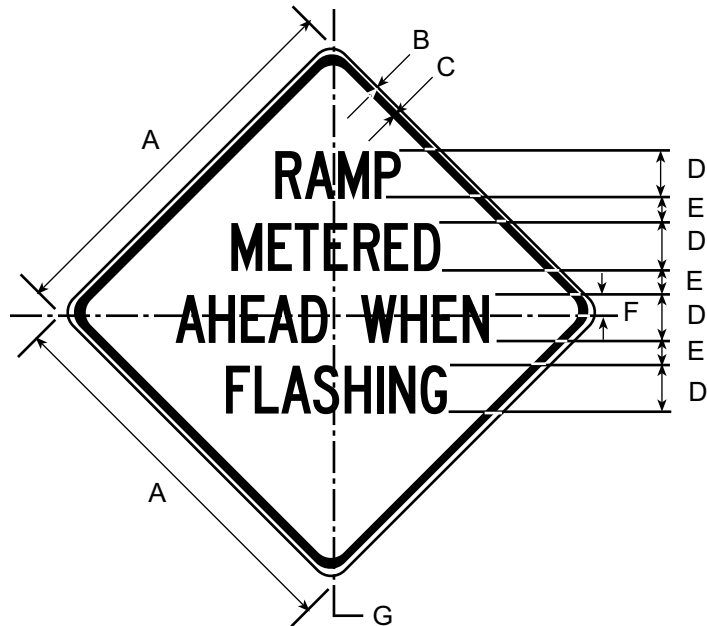
SYMBOL - See R2-1

BACKGROUND - YELLOW (REFL)



# W3-501

6/03



| DIMENSIONS (MILLIMETERS) |    |    |      |     |    |    |
|--------------------------|----|----|------|-----|----|----|
| A                        | B  | C  | D    | E   | F  | G  |
| 900                      | 16 | 22 | 125C | 50  | 25 | 56 |
| 1200                     | 19 | 31 | 150C | 100 | 19 | 75 |

| DIMENSIONS (INCHES) |     |       |    |   |     |       |
|---------------------|-----|-------|----|---|-----|-------|
| A                   | B   | C     | D  | E | F   | G     |
| 36                  | 5/8 | 7/8   | 5C | 2 | 1   | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 6C | 4 | 3/4 | 3     |

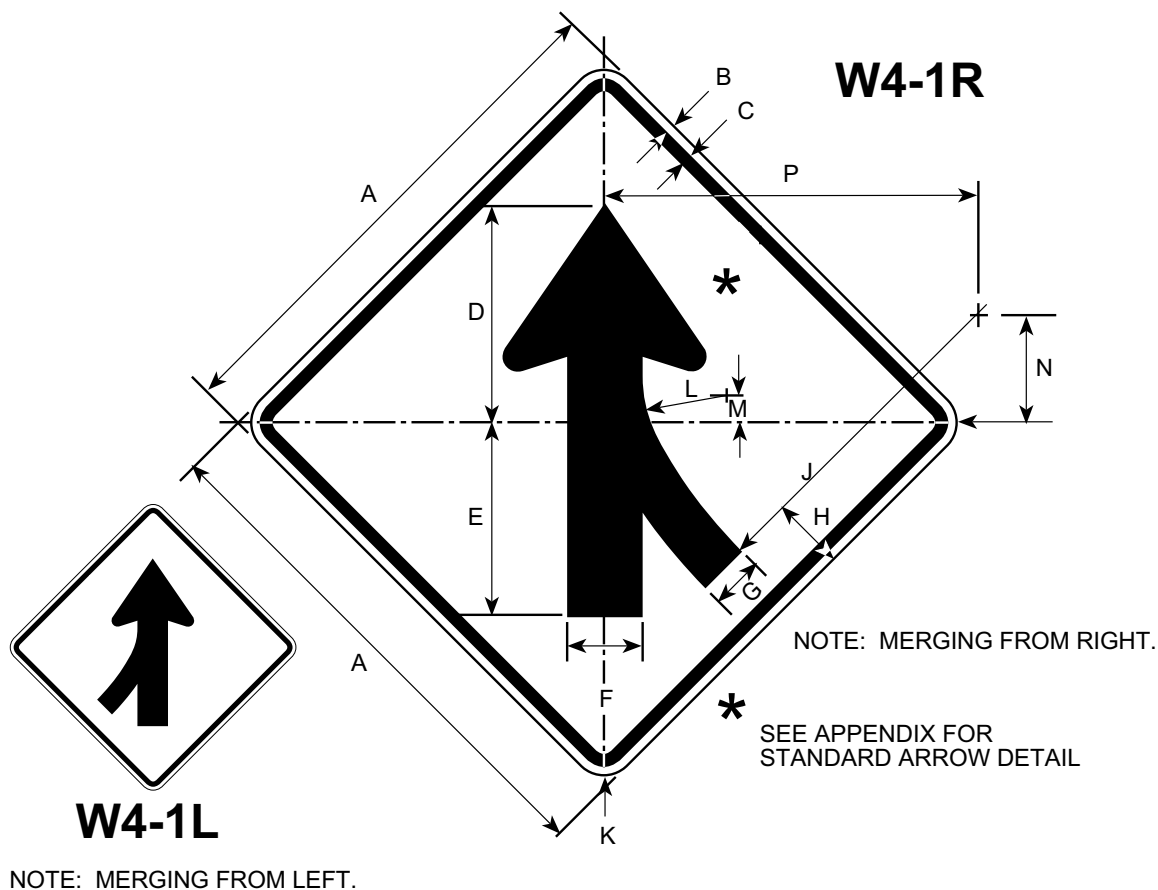
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - YELLOW (REFL)

# W4-1L & W4-1R

11/97



| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |     |     |     |    |     |     |     |     |
|--------------------------|----|----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|
| A                        | B  | C  | D   | E   | F   | G   | H   | J   | K  | L   | M   | N   | P   |
| 600                      | 9  | 16 | 256 | 222 | 88  | 59  | 105 | 556 | 38 | 159 | 66  | 259 | 555 |
| 750                      | 13 | 19 | 325 | 275 | 109 | 75  | 131 | 700 | 47 | 200 | 75  | 325 | 694 |
| 900                      | 16 | 22 | 394 | 331 | 131 | 191 | 158 | 841 | 56 | 241 | 100 | 391 | 832 |
| 1200                     | 19 | 31 | 513 | 438 | 175 | 11  | 209 | 112 | 75 | 567 | 131 | 522 | 110 |

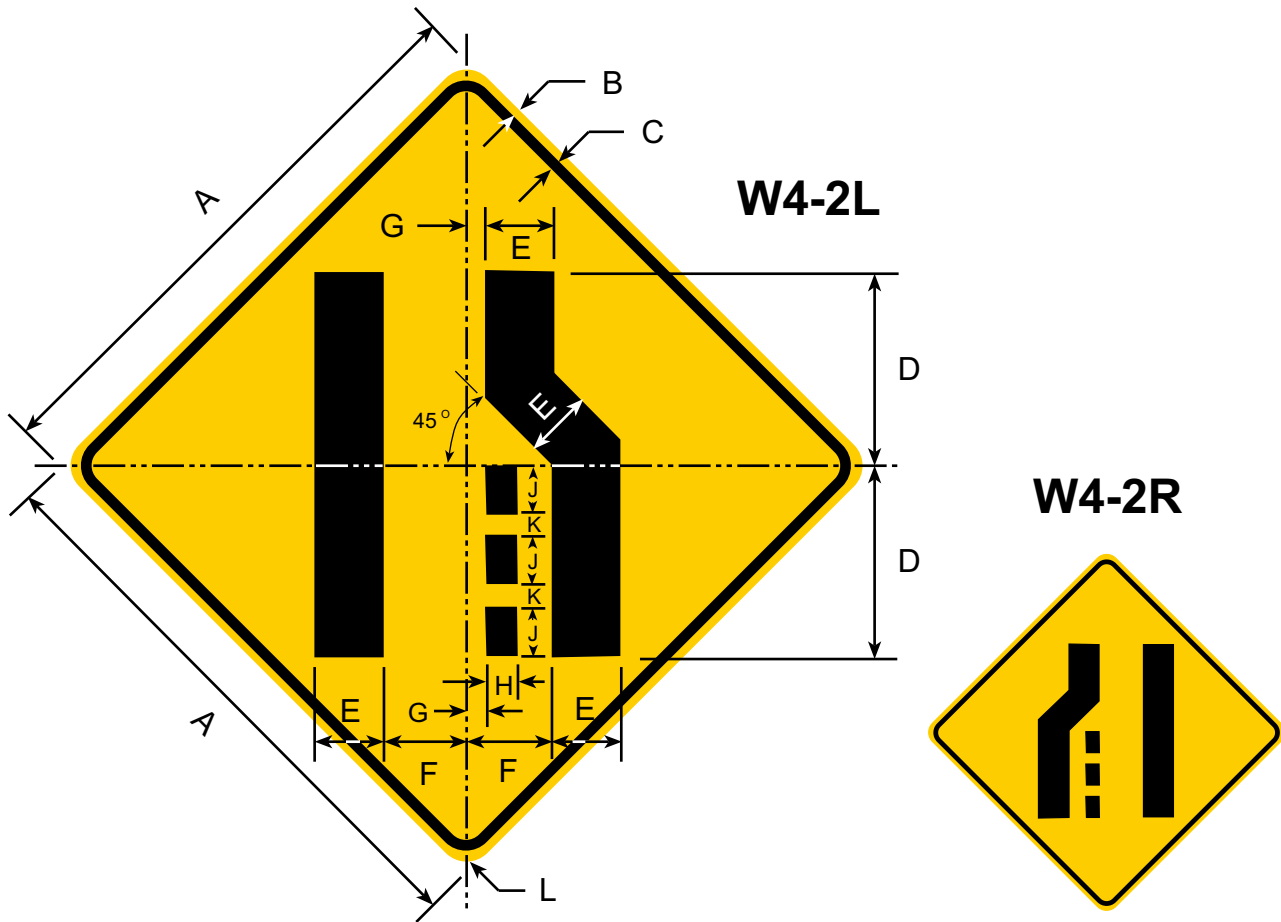
| DIMENSIONS (INCHES) |     |       |        |        |       |       |        |        |       |          |       |        |         |
|---------------------|-----|-------|--------|--------|-------|-------|--------|--------|-------|----------|-------|--------|---------|
| A                   | B   | C     | D      | E      | F     | G     | H      | J      | K     | L        | M     | N      | P       |
| 24                  | 3/8 | 5/8   | 10 1/4 | 8 3/4  | 3 1/2 | 2 3/8 | 4 3/16 | 22 1/4 | 1 1/2 | 6 3/8    | 2 5/8 | 10 3/8 | 22 3/16 |
| 30                  | 1/2 | 3/4   | 13     | 1      | 4 3/8 | 3     | 4 1/2  | 28     | 1 7/8 | 8        | 3     | 13     | 27 3/4  |
| 36                  | 5/8 | 7/8   | 15 3/4 | 13 1/4 | 5 1/4 | 3 5/8 | 5 5/8  | 33 5/8 | 2 1/4 | 9 5/8    | 4     | 15 5/8 | 35 5/16 |
| 48                  | 3/4 | 1 1/4 | 20 1/2 | 17 1/2 | 7     | 4 3/4 | 6 3/4  | 45     | 3     | 12 13/16 | 5 1/4 | 20 3/4 | 44 3/8  |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W4-2L & W4-2R

2/06



| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |    |    |     |    |    |
|--------------------------|----|----|-----|-----|-----|----|----|-----|----|----|
| A                        | B  | C  | D   | E   | F   | G  | H  | J   | K  | L  |
| 750                      | 13 | 19 | 250 | 84  | 104 | 22 | 38 | 63  | 31 | 47 |
| 900                      | 16 | 22 | 300 | 100 | 125 | 25 | 44 | 75  | 38 | 56 |
| 1200                     | 19 | 31 | 400 | 134 | 167 | 31 | 59 | 100 | 50 | 75 |

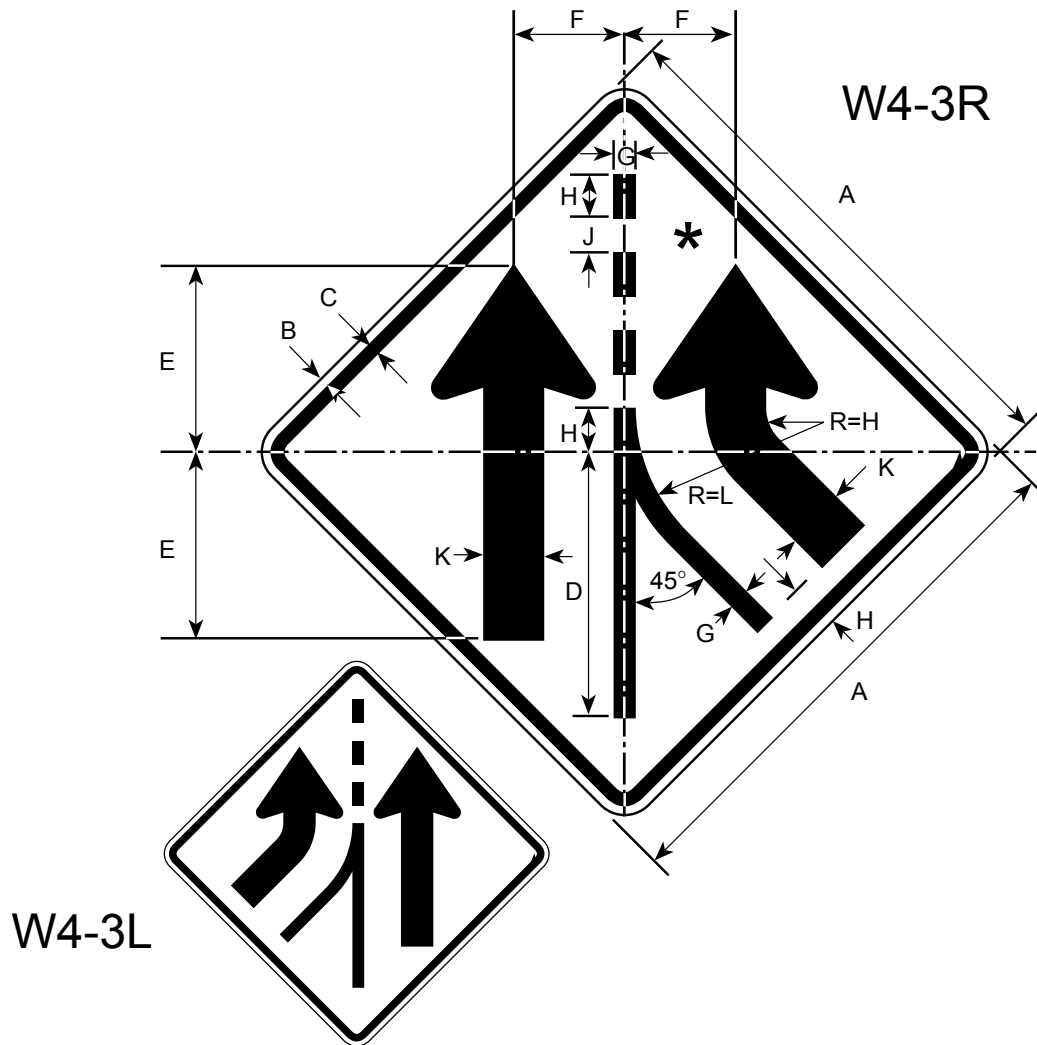
| DIMENSIONS (INCHES) |     |       |    |       |         |       |       |       |       |       |
|---------------------|-----|-------|----|-------|---------|-------|-------|-------|-------|-------|
| A                   | B   | C     | D  | E     | F       | G     | H     | J     | K     | L     |
| 30                  | 1/2 | 3/4   | 10 | 3 3/8 | 4 3/16  | 7/8   | 1 1/2 | 2 1/2 | 1 1/4 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 12 | 4     | 5       | 1     | 1 3/4 | 3     | 1 1/2 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 16 | 5 3/8 | 6 11/16 | 1 1/4 | 2 3/8 | 4     | 2     | 3     |

## COLORS

SYMBOL & BORDER — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W4-3L & W4-3R

11/97



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |    |     |    |     |     |
|--------------------------|----|----|-----|-----|-----|----|-----|----|-----|-----|
| A                        | B  | C  | D   | E   | F   | G  | H   | J  | K   | L   |
| 1200                     | 19 | 31 | 600 | 425 | 250 | 50 | 100 | 75 | 138 | 394 |

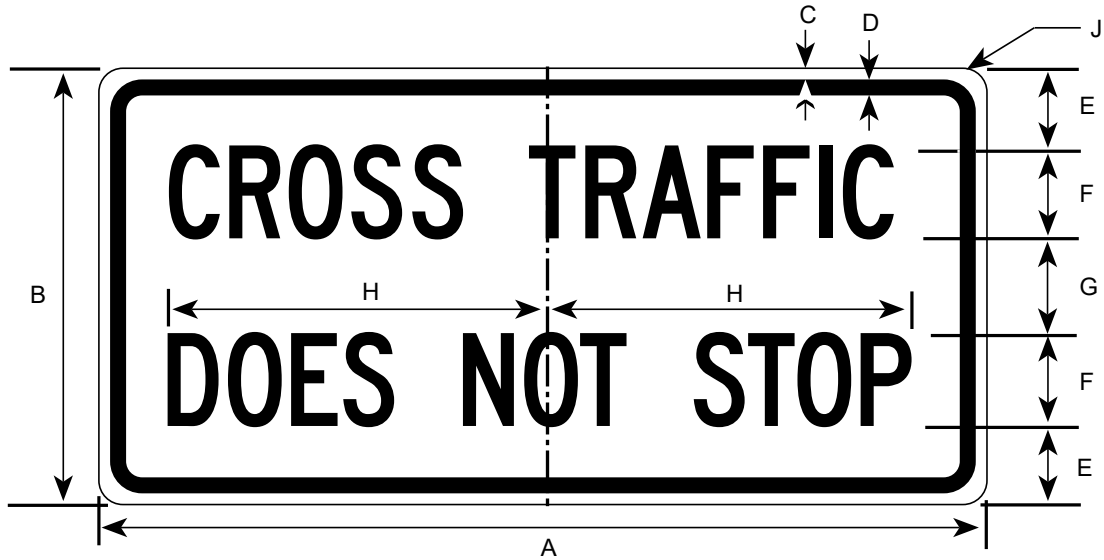
| DIMENSIONS (INCHES) |     |       |    |    |    |   |   |   |       |        |
|---------------------|-----|-------|----|----|----|---|---|---|-------|--------|
| A                   | B   | C     | D  | E  | F  | G | H | J | K     | L      |
| 48                  | 3/4 | 1 1/4 | 24 | 17 | 10 | 2 | 4 | 3 | 5 1/2 | 15 3/4 |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W4-4P

8/03



| DIMENSIONS (MILLIMETERS) |     |    |    |     |     |     |     |    |
|--------------------------|-----|----|----|-----|-----|-----|-----|----|
| A                        | B   | C  | D  | E   | F   | G   | H   | J  |
| 600                      | 300 | 9  | 16 | 63  | 56C | 63  | 250 | 38 |
| 750                      | 450 | 13 | 20 | 100 | 75C | 100 | 313 | 38 |

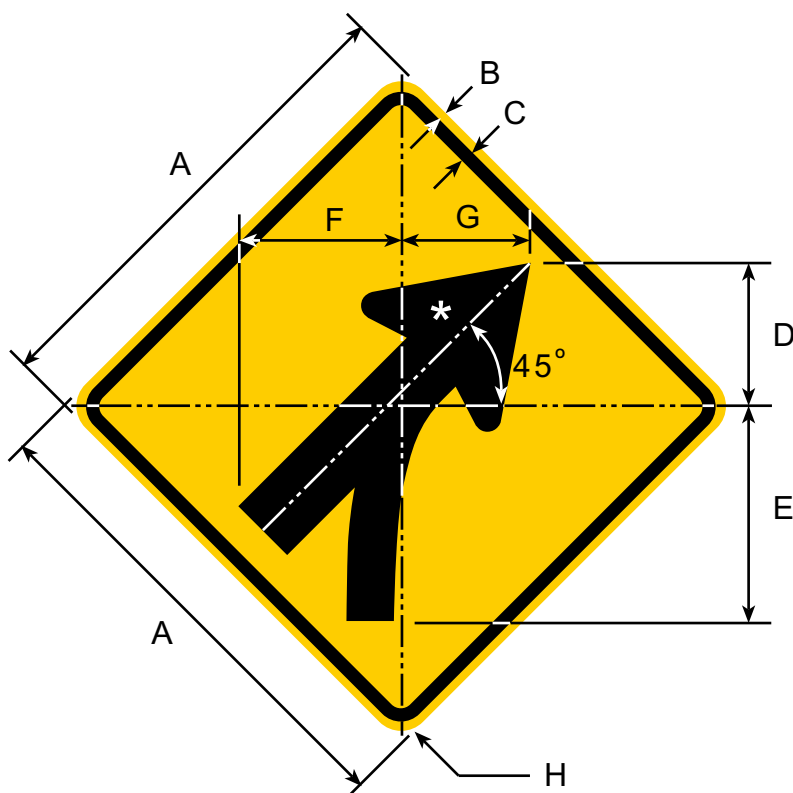
| DIMENSIONS (INCHES) |    |     |     |       |        |       |        |       |
|---------------------|----|-----|-----|-------|--------|-------|--------|-------|
| A                   | B  | C   | D   | E     | F      | G     | H      | J     |
| 24                  | 12 | 3/8 | 5/8 | 2 1/2 | 2 1/4C | 2 1/2 | 10     | 1 1/2 |
| 30                  | 18 | 1/2 | 3/4 | 4     | 3C     | 4     | 12 1/2 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W4-5

4/06



\* SCALE AND ROTATE W4-1 SYMBOL TO FIT DIMENSIONS

| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |     |    |
|--------------------------|----|----|-----|-----|-----|-----|----|
| A                        | B  | C  | D   | E   | F   | G   | H  |
| 750                      | 13 | 19 | 229 | 344 | 261 | 204 | 47 |
| 900                      | 16 | 22 | 273 | 413 | 314 | 245 | 56 |
| 1200                     | 19 | 31 | 364 | 550 | 418 | 326 | 75 |

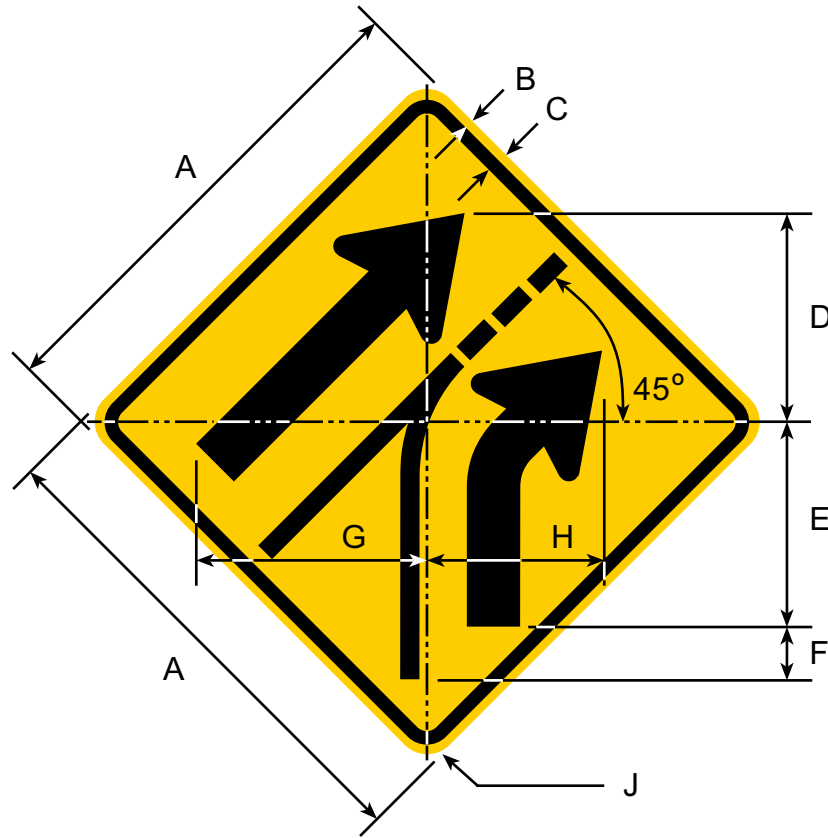
| DIMENSIONS (INCHES) |     |       |          |          |          |         |       |
|---------------------|-----|-------|----------|----------|----------|---------|-------|
| A                   | B   | C     | D        | E        | F        | G       | H     |
| 30                  | 1/2 | 3/4   | 9 1/8    | 13 49/64 | 10 29/64 | 8 11/64 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 10 59/64 | 16 17/32 | 12 9/16  | 9 13/16 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 14 37/64 | 22       | 16 47/64 | 13 3/64 | 3     |

## COLORS

SYMBOL & BORDER - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W4-6

4/06



\* SCALE AND ROTATE W4-3 SYMBOL TO FIT DIMENSIONS

| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |     |     |    |
|--------------------------|----|----|-----|-----|-----|-----|-----|----|
| A                        | B  | C  | D   | E   | F   | G   | H   | J  |
| 750                      | 13 | 19 | 324 | 335 | 59  | 364 | 281 | 47 |
| 900                      | 16 | 22 | 389 | 402 | 70  | 437 | 336 | 56 |
| 1200                     | 19 | 31 | 518 | 536 | 319 | 582 | 448 | 75 |

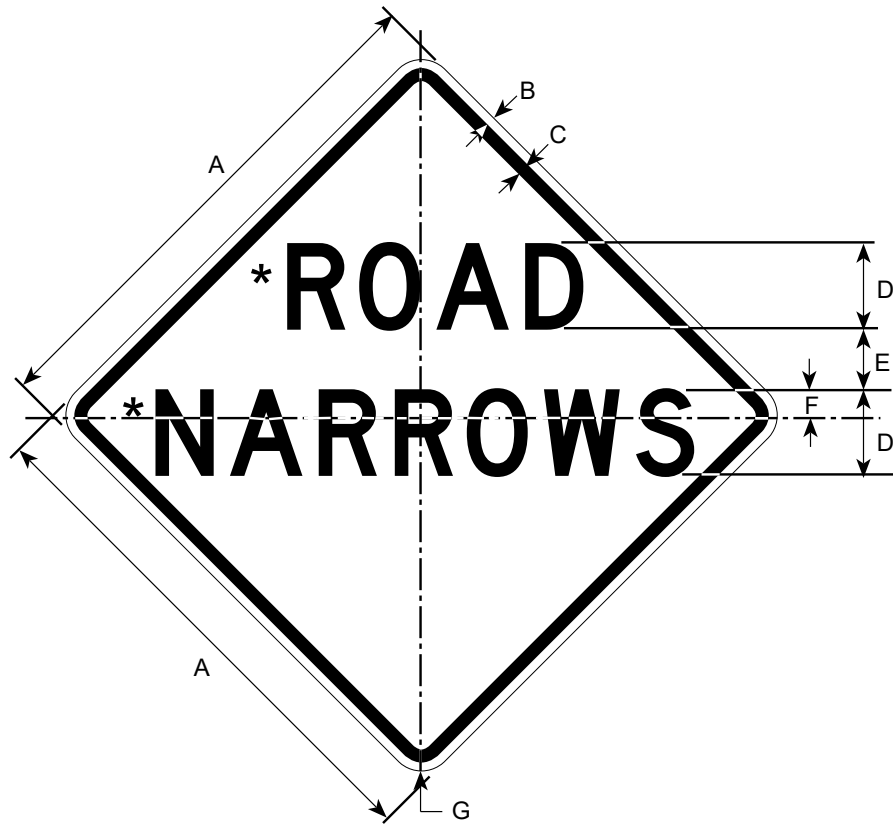
| DIMENSIONS (INCHES) |     |       |          |          |         |          |          |       |
|---------------------|-----|-------|----------|----------|---------|----------|----------|-------|
| A                   | B   | C     | D        | E        | F       | G        | H        | J     |
| 30                  | 1/2 | 3/4   | 12 31/32 | 13 13/32 | 2 11/32 | 14 37/64 | 11 13/64 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 15 37/64 | 16 3/32  | 2 13/16 | 17 1/2   | 13 29/64 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 20 47/64 | 21 29/64 | 3 3/4   | 23 19/64 | 17 15/16 | 3     |

## COLORS

SYMBOL & BORDER - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W5-1

6/00



\* REDUCE SPACING 25%

| DIMENSIONS (MILLIMETERS) |    |    |      |     |    |    |
|--------------------------|----|----|------|-----|----|----|
| A                        | B  | C  | D    | E   | F  | G  |
| 750                      | 13 | 19 | 125D | 75  | 47 | 47 |
| 900                      | 16 | 22 | 150D | 88  | 50 | 56 |
| 1200                     | 19 | 31 | 200D | 100 | 75 | 75 |

| DIMENSIONS (INCHES) |     |       |    |       |       |       |
|---------------------|-----|-------|----|-------|-------|-------|
| A                   | B   | C     | D  | E     | F     | G     |
| 30                  | 1/2 | 3/4   | 5D | 3     | 1 3/4 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6D | 3 1/2 | 2     | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8D | 4     | 3     | 3     |

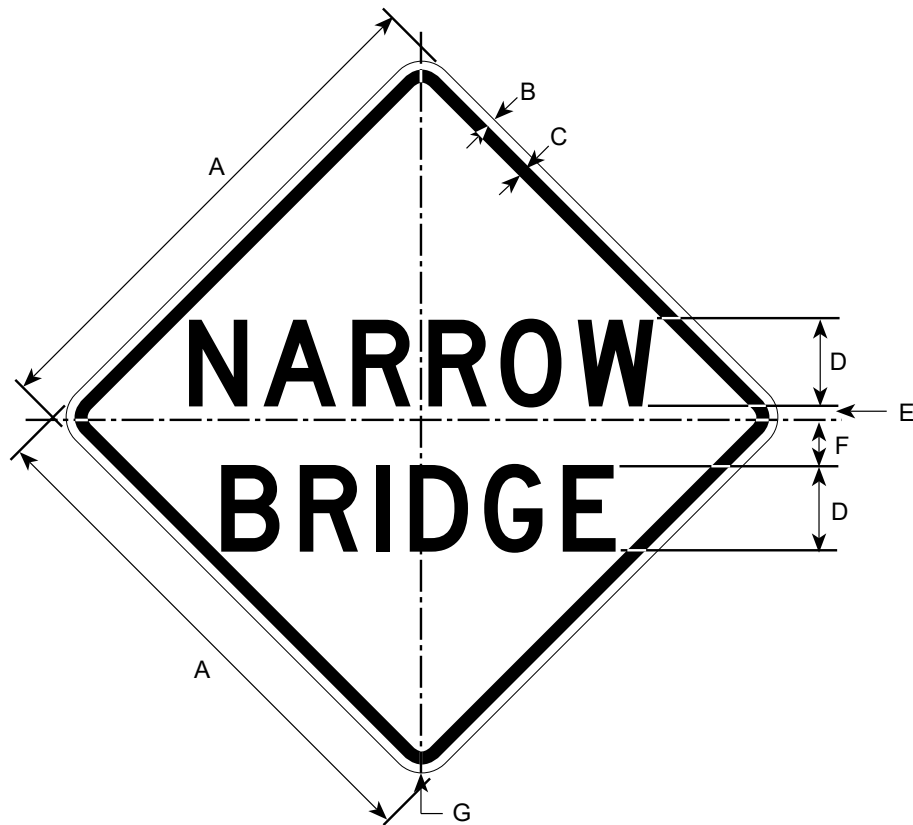
## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)



# W5-2

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |     |    |
|--------------------------|----|----|------|----|-----|----|
| A                        | B  | C  | D    | E  | F   | G  |
| 600                      | 9  | 16 | 100D | 6  | 50  | 38 |
| 750                      | 13 | 19 | 125D | 13 | 63  | 47 |
| 900                      | 16 | 22 | 150D | 19 | 75  | 56 |
| 1200                     | 19 | 31 | 200D | 31 | 100 | 75 |

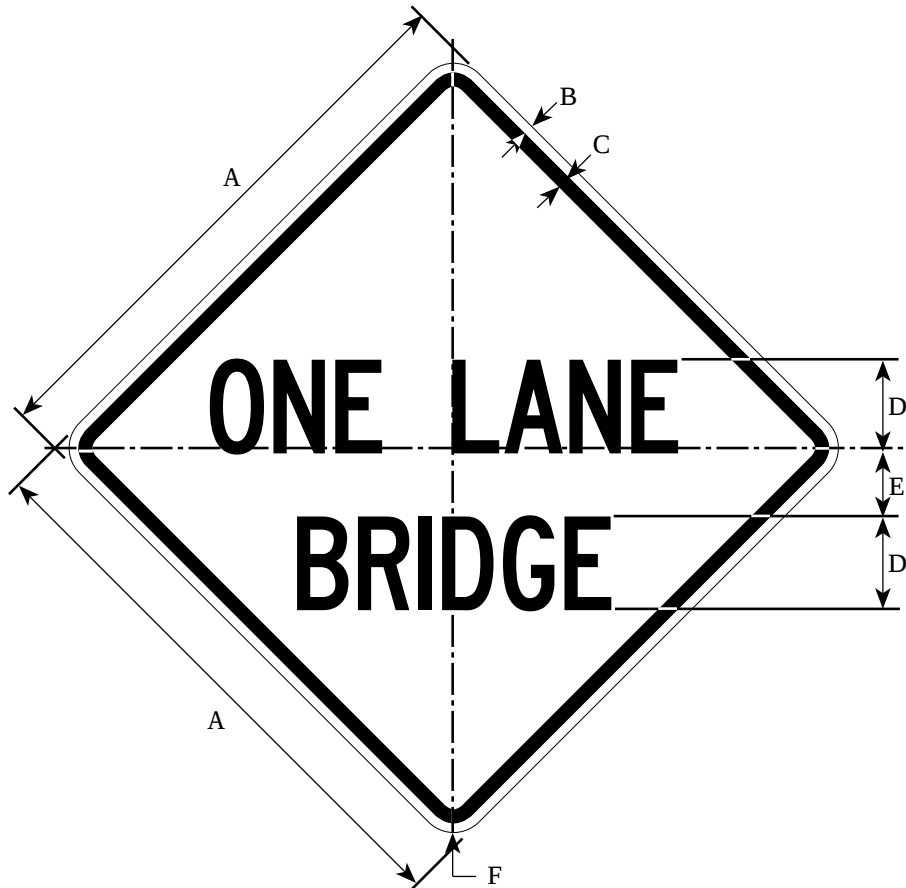
| DIMENSIONS (INCHES) |     |       |    |       |       |       |
|---------------------|-----|-------|----|-------|-------|-------|
| A                   | B   | C     | D  | E     | F     | G     |
| 24                  | 3/8 | 5/8   | 4D | 1/4   | 2     | 1 1/2 |
| 30                  | 1/2 | 3/4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

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W5-3

11/97



| DIMENSIONS (MILLIMETERS) |     |    |      |     |    |
|--------------------------|-----|----|------|-----|----|
| A                        | B   | C  | D    | E   | F  |
| 750                      | 13. | 19 | 125C | 84  | 47 |
| 900                      | 16  | 22 | 150C | 100 | 56 |
| 1200                     | 19  | 31 | 200C | 133 | 75 |

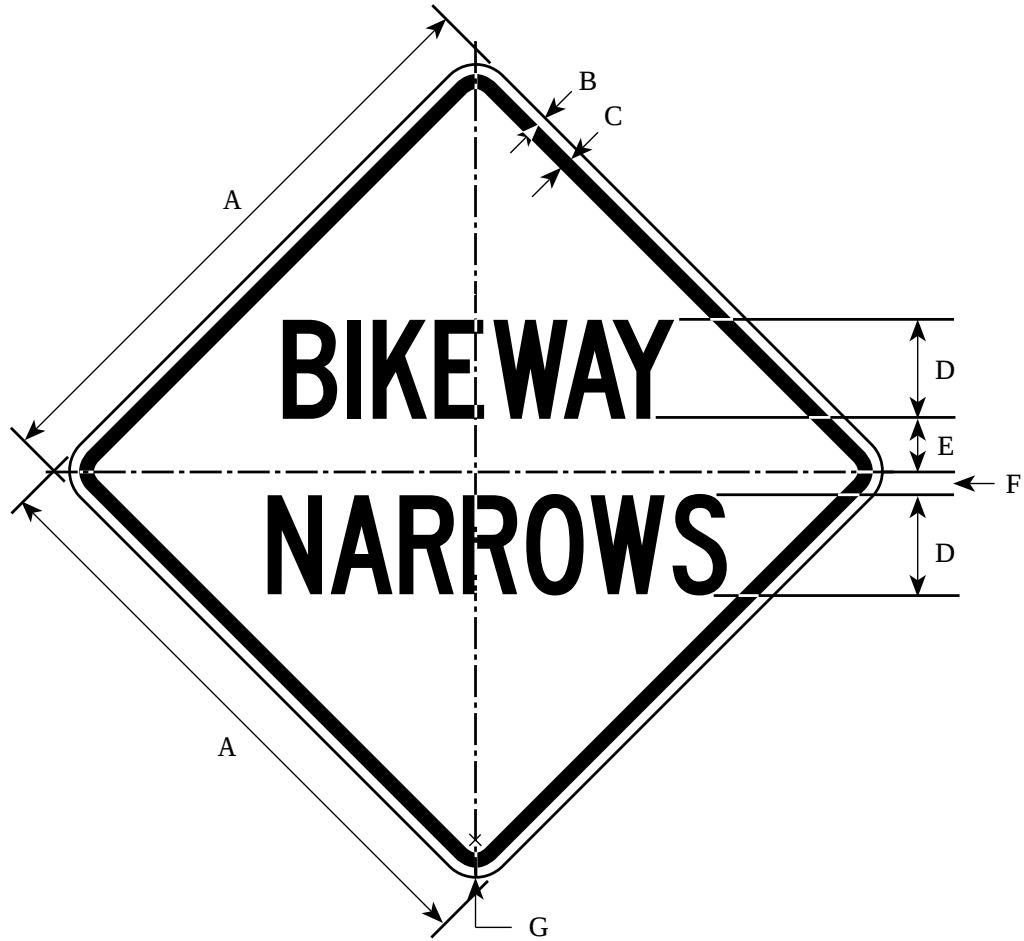
| DIMENSIONS (INCHES) |     |       |    |       |       |
|---------------------|-----|-------|----|-------|-------|
| A                   | B   | C     | D  | E     | F     |
| 30                  | 1/2 | 3/4   | 5C | 3 1/4 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6C | 4     | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8C | 5     | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W5-4

11/97



| DIMENSIONS (MILLIMETERS) |   |    |     |    |    |    |
|--------------------------|---|----|-----|----|----|----|
| A                        | B | C  | D   | E  | F  | G  |
| 450                      | 9 | 16 | 75C | 25 | 16 | 38 |

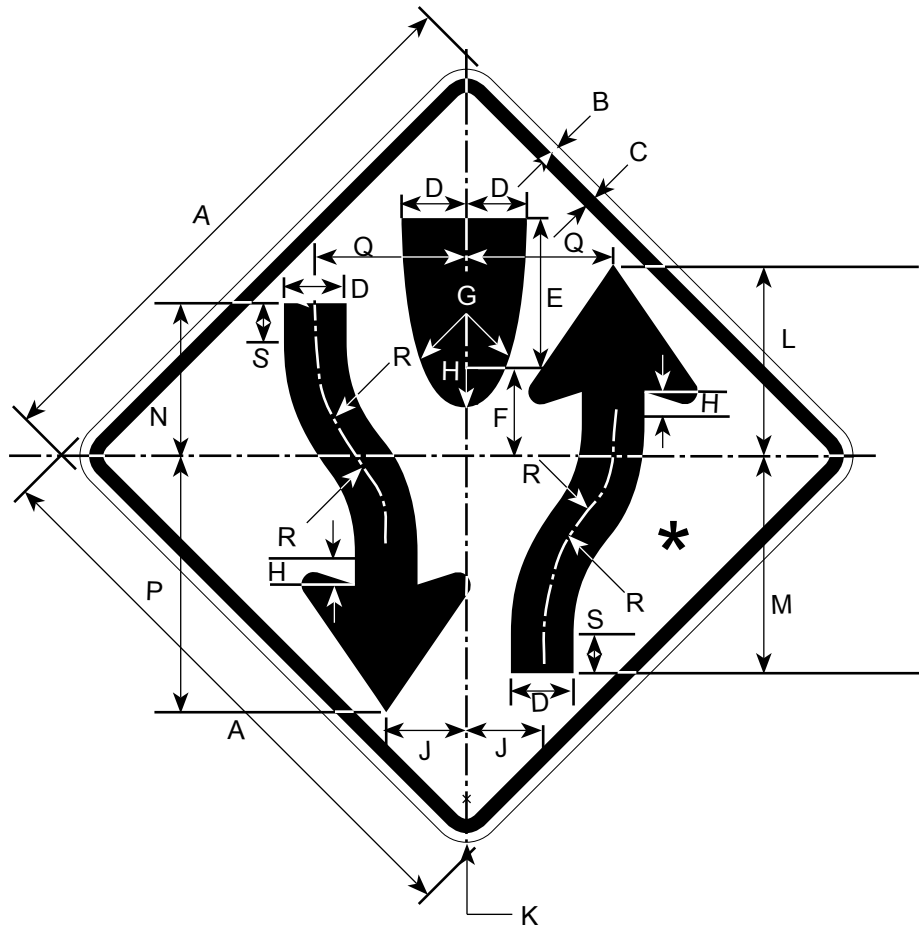
| DIMENSIONS (INCHES) |     |     |    |   |     |       |
|---------------------|-----|-----|----|---|-----|-------|
| A                   | B   | C   | D  | E | F   | G     |
| 18                  | 3/8 | 5/8 | 3C | 1 | 5/8 | 1 1/2 |

## COLORS

SYMBOL - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W6-1

11/97



\* SEE APPENDIX FOR ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |     |    |    |     |     |     |     |     |     |    |
|--------------------------|----|----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|----|
| A                        | B  | C  | D   | E   | F   | G   | H  | K  | L   | M   | N   | P   | Q   | R   | S  |
| 750                      | 13 | 19 | 83  | 208 | 103 | 625 | 42 | 47 | 250 | 291 | 199 | 325 | 197 | 208 | 52 |
| 900                      | 16 | 22 | 100 | 250 | 125 | 750 | 50 | 56 | 300 | 350 | 238 | 413 | 238 | 250 | 63 |
| 1200                     | 19 | 31 | 131 | 328 | 174 | 983 | 66 | 75 | 400 | 467 | 317 | 550 | 31  | 328 | 83 |

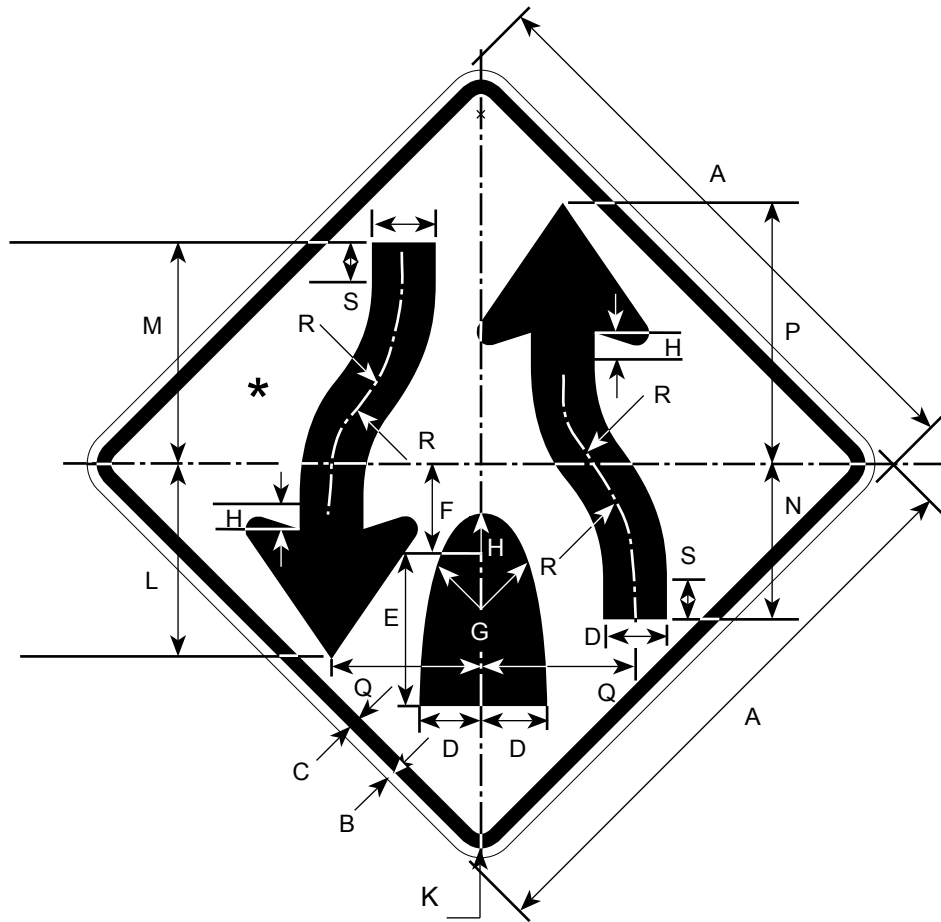
| DIMENSIONS (INCHES) |     |       |        |        |        |         |       |       |    |    |         |        |         |        |        |
|---------------------|-----|-------|--------|--------|--------|---------|-------|-------|----|----|---------|--------|---------|--------|--------|
| A                   | B   | C     | D      | E      | F      | G       | H     | K     | L  | M  | N       | P      | Q       | R      | S      |
| 30                  | 1/2 | 3/4   | 3 5/16 | 8 5/16 | 4 1/8  | 25      | 1     | 1 7/8 | 10 | 11 | 7 15/16 | 13     | 7 7/8   | 8 5/16 | 2 1/16 |
| 36                  | 5/8 | 7/8   | 4      | 10     | 5      | 30      | 2     | 2 1/4 | 12 | 14 | 9 1/2   | 16 1/2 | 9 1/2   | 10     | 2 1/2  |
| 48                  | 3/4 | 1 1/4 | 5 1/4  | 13 1/8 | 6 9/16 | 39 5/16 | 2 5/8 | 3     | 16 | 18 | 12      | 22     | 12 7/16 | 13 1/8 | 3 5/16 |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W6-2

11/97



\* SEE APPENDIX FOR STANDARD ARROW DETAIL

| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |     |    |    |     |     |     |     |     |     |    |
|--------------------------|----|----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|----|
| A                        | B  | C  | D   | E   | F   | G   | H  | K  | L   | M   | N   | P   | Q   | R   | S  |
| 750                      | 13 | 19 | 83  | 208 | 103 | 625 | 42 | 47 | 250 | 291 | 199 | 325 | 197 | 208 | 52 |
| 900                      | 16 | 22 | 100 | 250 | 125 | 750 | 50 | 56 | 300 | 350 | 238 | 413 | 238 | 250 | 63 |
| 1200                     | 19 | 31 | 131 | 328 | 174 | 983 | 66 | 75 | 400 | 467 | 317 | 550 | 31  | 328 | 83 |

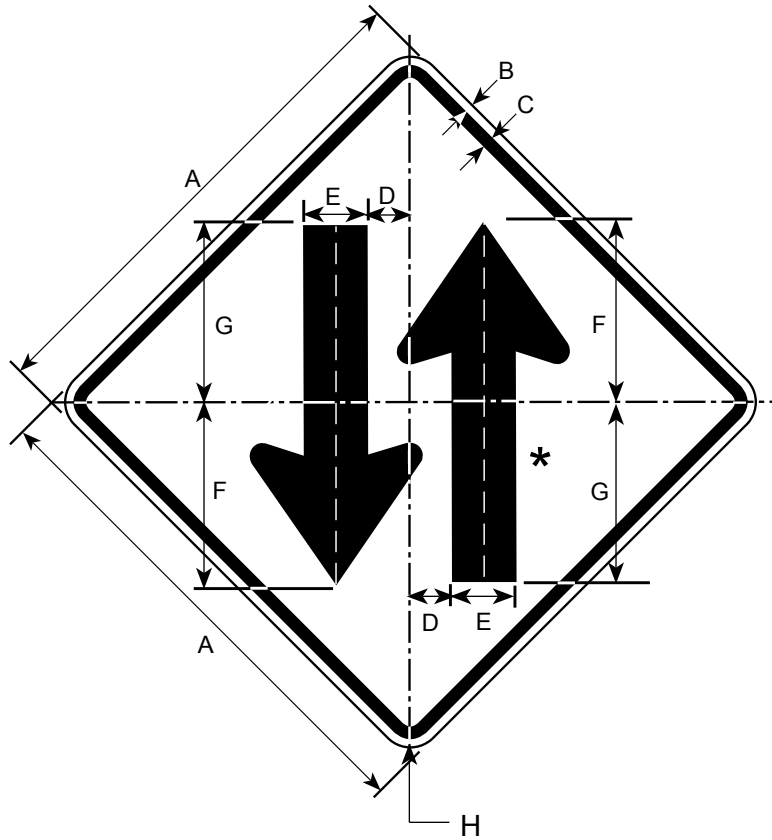
| DIMENSIONS (INCHES) |     |       |        |        |        |         |       |       |    |    |         |        |         |        |        |
|---------------------|-----|-------|--------|--------|--------|---------|-------|-------|----|----|---------|--------|---------|--------|--------|
| A                   | B   | C     | D      | E      | F      | G       | H     | K     | L  | M  | N       | P      | Q       | R      | S      |
| 30                  | 1/2 | 3/4   | 3 5/16 | 8 5/16 | 4 1/8  | 25      | 1     | 1 7/8 | 10 | 11 | 7 15/16 | 13     | 7 7/8   | 8 5/16 | 2 1/16 |
| 36                  | 5/8 | 7/8   | 4      | 10     | 5      | 30      | 2     | 2 1/4 | 12 | 14 | 9 1/2   | 16 1/2 | 9 1/2   | 10     | 2 1/2  |
| 48                  | 3/4 | 1 1/4 | 5 1/4  | 13 1/8 | 6 9/16 | 39 5/16 | 2 5/8 | 3     | 16 | 18 | 12      | 22     | 12 7/16 | 13 1/8 | 3 5/16 |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W6-3

11/97



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |    |    |    |     |     |     |    |
|--------------------------|----|----|----|-----|-----|-----|----|
| A                        | B  | C  | D  | E   | F   | G   | H  |
| 600                      | 13 | 19 | 50 | 75  | 225 | 213 | 38 |
| 750                      | 16 | 22 | 61 | 94  | 281 | 266 | 47 |
| 900                      | 19 | 31 | 73 | 11  | 338 | 319 | 56 |
| 1200                     | 31 | 44 | 97 | 150 | 450 | 425 | 75 |

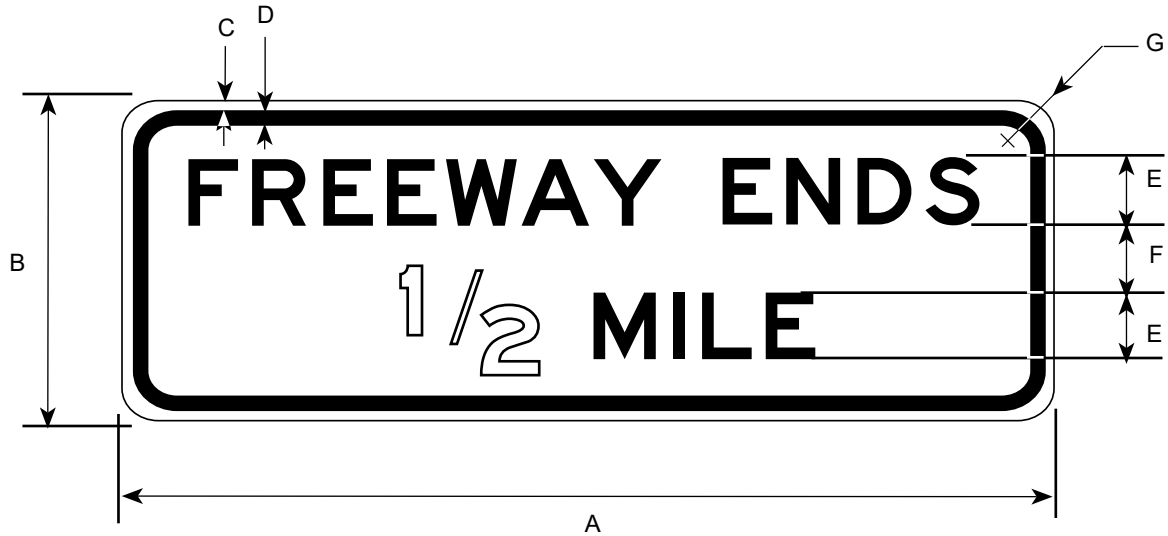
| DIMENSIONS (INCHES) |       |       |         |       |        |        |       |
|---------------------|-------|-------|---------|-------|--------|--------|-------|
| A                   | B     | C     | D       | E     | F      | G      | H     |
| 24                  | 1/2   | 3/4   | 2       | 3     | 9      | 8 1/2  | 1 1/2 |
| 30                  | 5/8   | 7/8   | 2 7/16  | 3 3/4 | 11     | 10 5/8 | 1 7/8 |
| 36                  | 3/4   | 1 1/4 | 2 15/16 | 4 1/2 | 13 1/2 | 12 3/4 | 2 1/4 |
| 48                  | 1 1/4 | 1 3/4 | 3 7/8   | 6     | 18     | 17     | 3     |

## COLORS

LEGEND—BLACK (NON-REFL)  
BACKGROUND— YELLOW (REFL)

# W6-401

11/97



ALTERNATE MESSAGE: DIVIDED HIGHWAY ENDS-----MILE

| DIMENSIONS (MILLIMETERS) |      |    |    |      |     |     |
|--------------------------|------|----|----|------|-----|-----|
| A                        | B    | C  | D  | E    | F   | G   |
| 3300                     | 1200 | 25 | 38 | 250E | 250 | 150 |

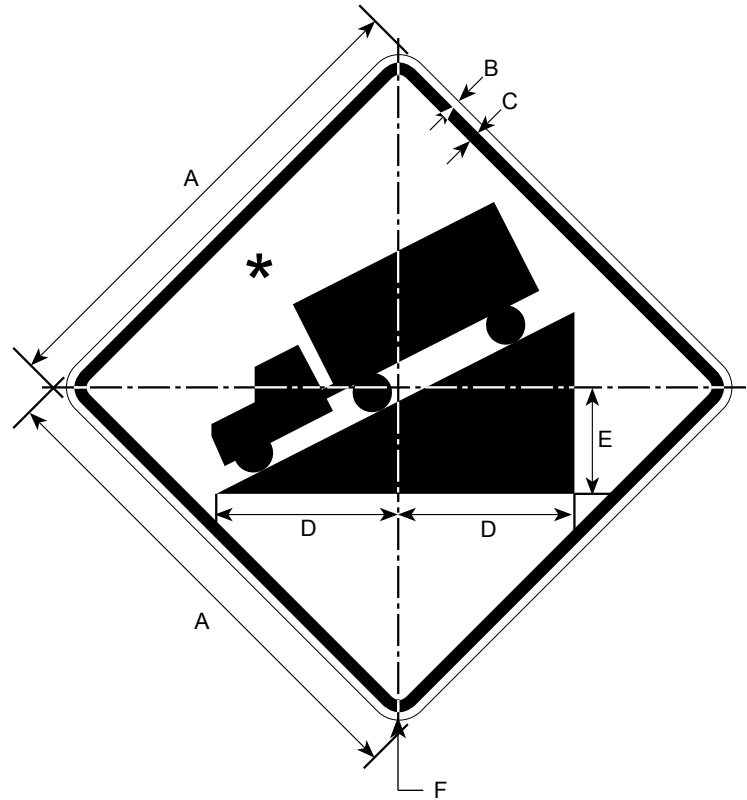
| DIMENSIONS (INCHES) |    |   |       |     |    |   |
|---------------------|----|---|-------|-----|----|---|
| A                   | B  | C | D     | E   | F  | G |
| 132                 | 48 | 1 | 1 1/2 | 10E | 10 | 6 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W7-1

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |    |    |     |     |    |
|--------------------------|----|----|-----|-----|----|
| A                        | B  | C  | D   | E   | F  |
| 600                      | 9  | 16 | 219 | 150 | 31 |
| 750                      | 13 | 19 | 275 | 188 | 47 |
| 900                      | 16 | 22 | 331 | 225 | 56 |
| 1200                     | 19 | 31 | 438 | 300 | 75 |

| DIMENSIONS (INCHES) |     |       |        |       |       |
|---------------------|-----|-------|--------|-------|-------|
| A                   | B   | C     | D      | E     | F     |
| 24                  | 3/8 | 5/8   | 8 3/4  | 6     | 1 1/2 |
| 30                  | 1/2 | 3/4   | 1      | 7 1/2 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 13 1/4 | 9     | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 17 1/2 | 12    | 3     |

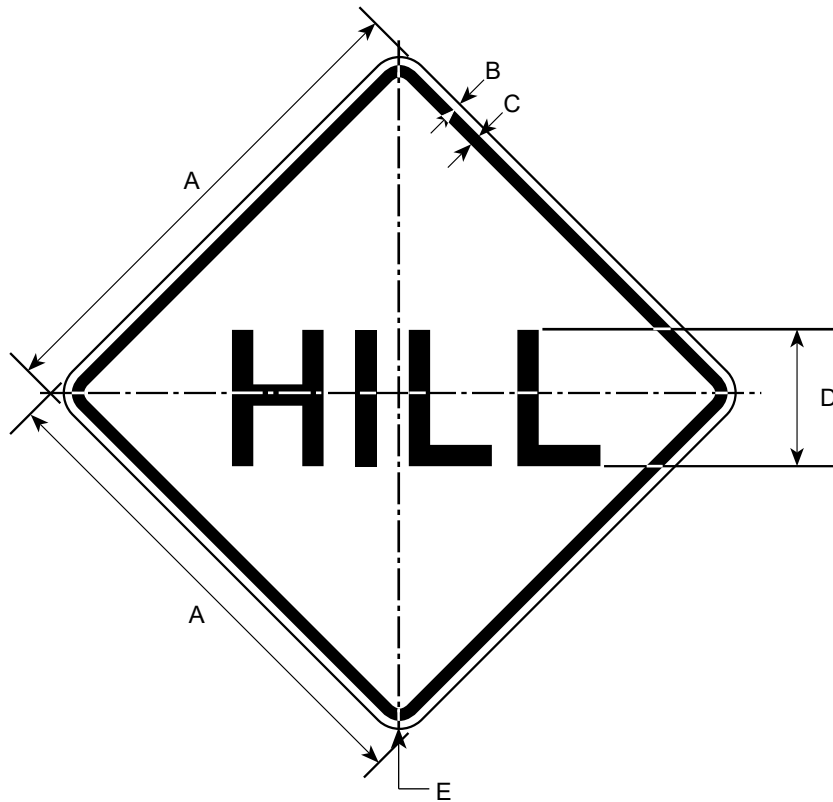
## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)



# W7-101

11/97



| DIMENSIONS (MILLIMETERS) |    |    |       |    |
|--------------------------|----|----|-------|----|
| A                        | B  | C  | D     | E  |
| 600                      | 9  | 16 | 150-D | 31 |
| 750                      | 13 | 19 | 200-D | 47 |
| 900                      | 16 | 22 | 250-D | 56 |
| 1200                     | 19 | 31 | 300-D | 75 |

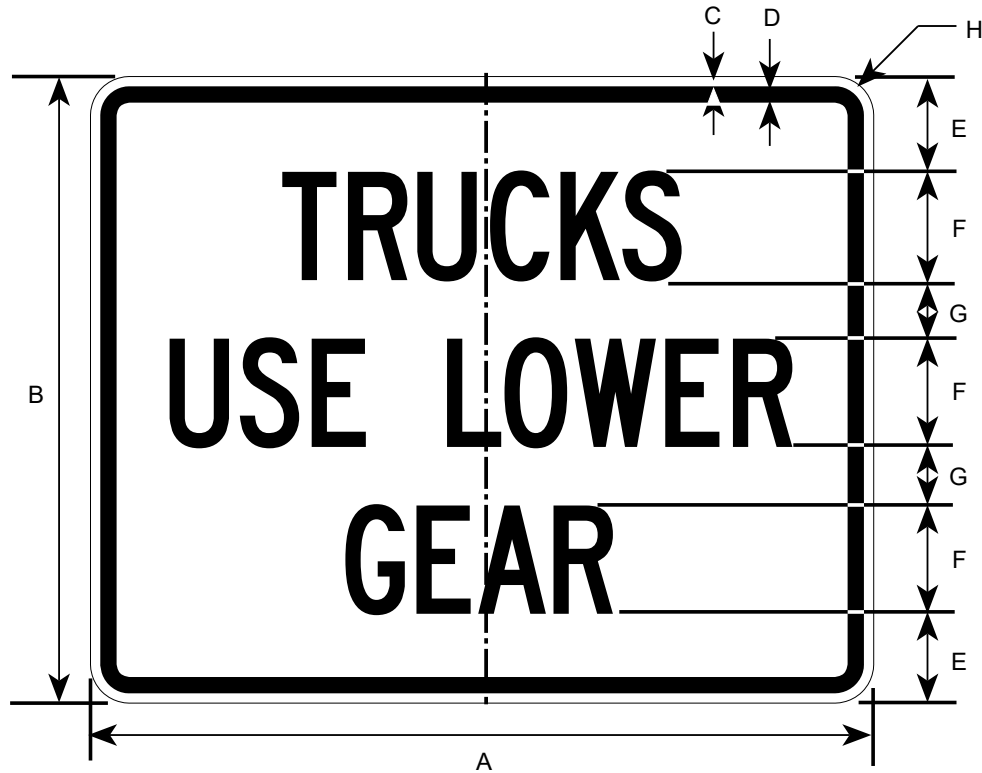
| DIMENSIONS (INCHES) |     |       |      |       |
|---------------------|-----|-------|------|-------|
| A                   | B   | C     | D    | E     |
| 24                  | 3/8 | 5/8   | 6-D  | 1 1/2 |
| 30                  | 1/2 | 3/4   | 8-D  | 1 7/8 |
| 36                  | 5/8 | 7/8   | 10-D | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 12-D | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W7-2B

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |    |     |    |    |
|--------------------------|-----|---|----|----|-----|----|----|
| A                        | B   | C | D  | E  | F   | G  | H  |
| 600                      | 450 | 9 | 16 | 75 | 75C | 38 | 38 |

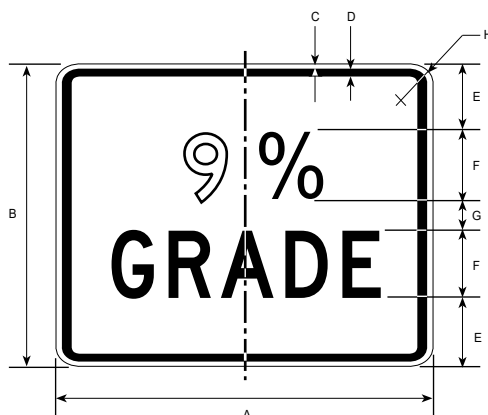
| DIMENSIONS (INCHES) |    |     |     |   |    |       |       |
|---------------------|----|-----|-----|---|----|-------|-------|
| A                   | B  | C   | D   | E | F  | G     | H     |
| 24                  | 18 | 3/8 | 5/8 | 3 | 3C | 1 1/2 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W7-3

12/97

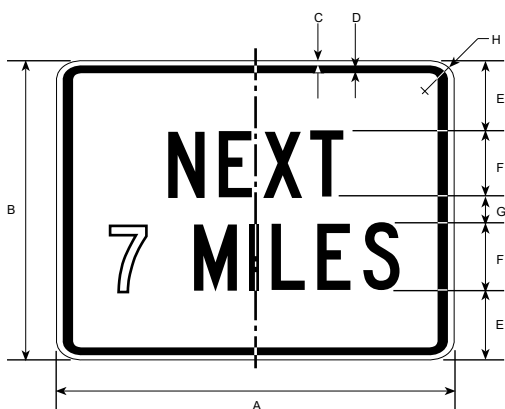


| DIMENSIONS (MILLIMETERS) |     |   |    |     |      |    |    |
|--------------------------|-----|---|----|-----|------|----|----|
| A                        | B   | C | D  | E   | F    | G  | H  |
| 600                      | 450 | 9 | 16 | 100 | 100D | 50 | 38 |

| DIMENSIONS (INCHES) |    |     |     |   |    |   |       |
|---------------------|----|-----|-----|---|----|---|-------|
| A                   | B  | C   | D   | E | F  | G | H     |
| 24                  | 18 | 3/8 | 5/8 | 4 | 4D | 2 | 1 1/2 |

# W7-3A

12/97

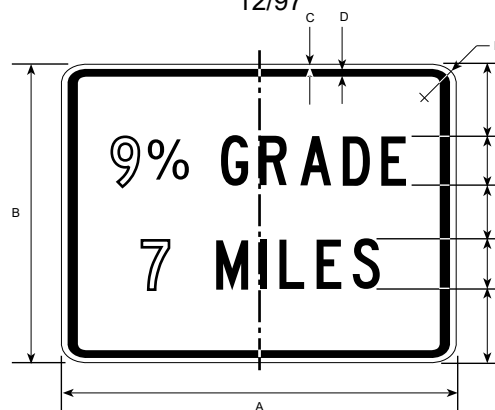


| DIMENSIONS (MILLIMETERS) |     |   |    |     |      |    |    |
|--------------------------|-----|---|----|-----|------|----|----|
| A                        | B   | C | D  | E   | F    | G  | H  |
| 600                      | 450 | 9 | 16 | 100 | 100C | 50 | 38 |

| DIMENSIONS (INCHES) |    |     |     |   |    |   |       |
|---------------------|----|-----|-----|---|----|---|-------|
| A                   | B  | C   | D   | E | F  | G | H     |
| 24                  | 18 | 3/8 | 5/8 | 4 | 4C | 2 | 1 1/2 |

# W7-3B

12/97



| DIMENSIONS (MILLIMETERS) |     |   |    |     |     |     |    |
|--------------------------|-----|---|----|-----|-----|-----|----|
| A                        | B   | C | D  | E   | F   | G   | H  |
| 600                      | 450 | 9 | 16 | 100 | 75C | 100 | 38 |

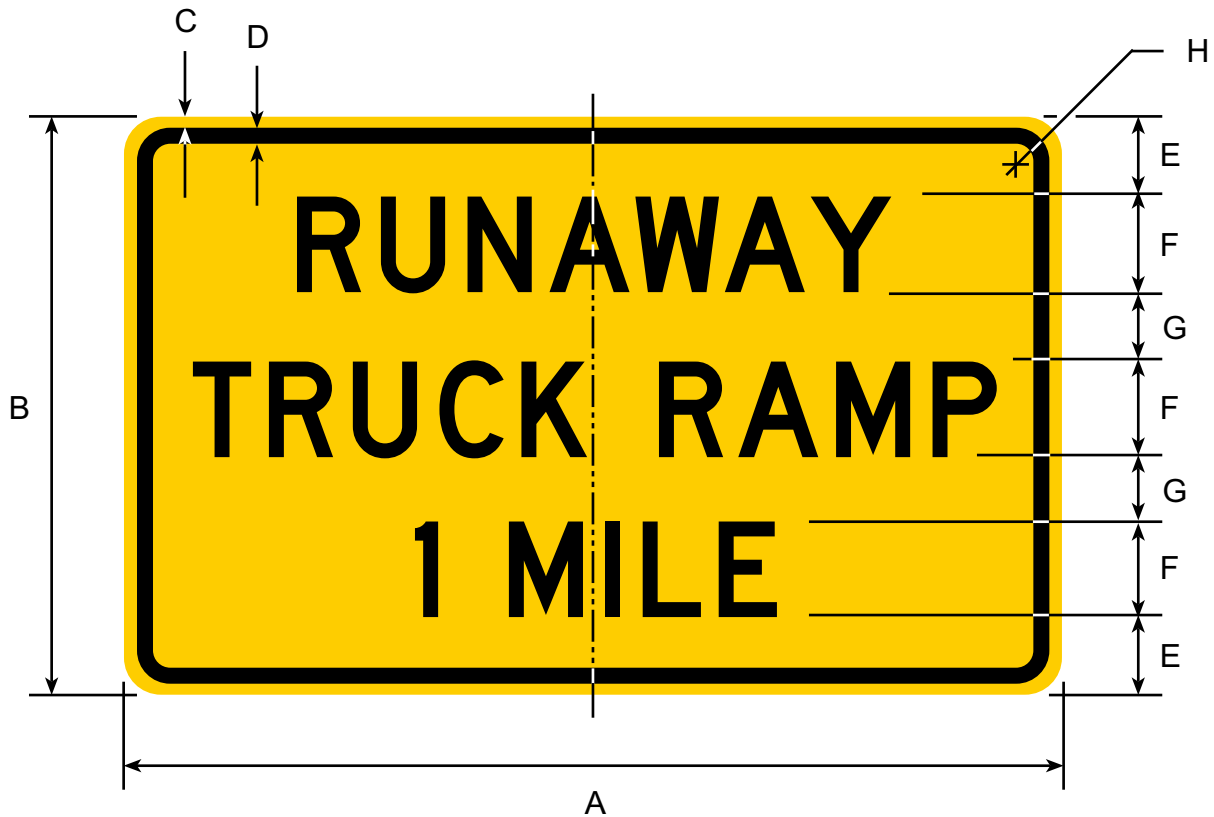
| DIMENSIONS (INCHES) |    |     |     |   |    |   |       |
|---------------------|----|-----|-----|---|----|---|-------|
| A                   | B  | C   | D   | E | F  | G | H     |
| 24                  | 18 | 3/8 | 5/8 | 4 | 3C | 4 | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W 7-4

4/06



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |    |
|--------------------------|------|----|----|-----|------|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H  |
| 1950                     | 1200 | 19 | 31 | 175 | 200D | 125 | 75 |

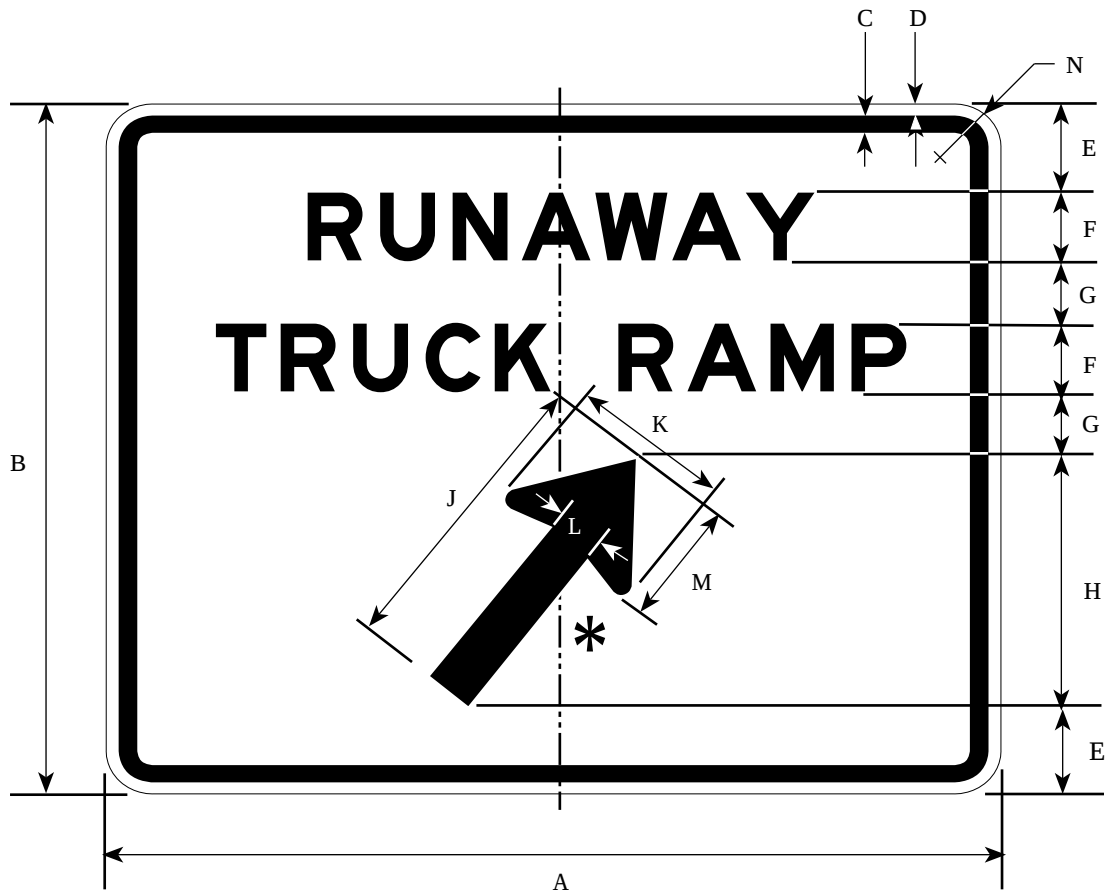
| DIMENSIONS (INCHES) |    |     |       |   |    |   |   |
|---------------------|----|-----|-------|---|----|---|---|
| A                   | B  | C   | D     | E | F  | G | H |
| 78                  | 48 | 3/4 | 1 1/4 | 7 | 8D | 5 | 3 |

## COLORS

LEGEND & BORDER - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W7-4A

12/97



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |     |     |     |    |     |    |
|--------------------------|------|----|----|-----|------|-----|-----|-----|-----|----|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H   | J   | K   | L  | M   | N  |
| 1950                     | 1500 | 31 | 19 | 175 | 200C | 125 | 500 | 675 | 378 | 94 | 289 | 75 |

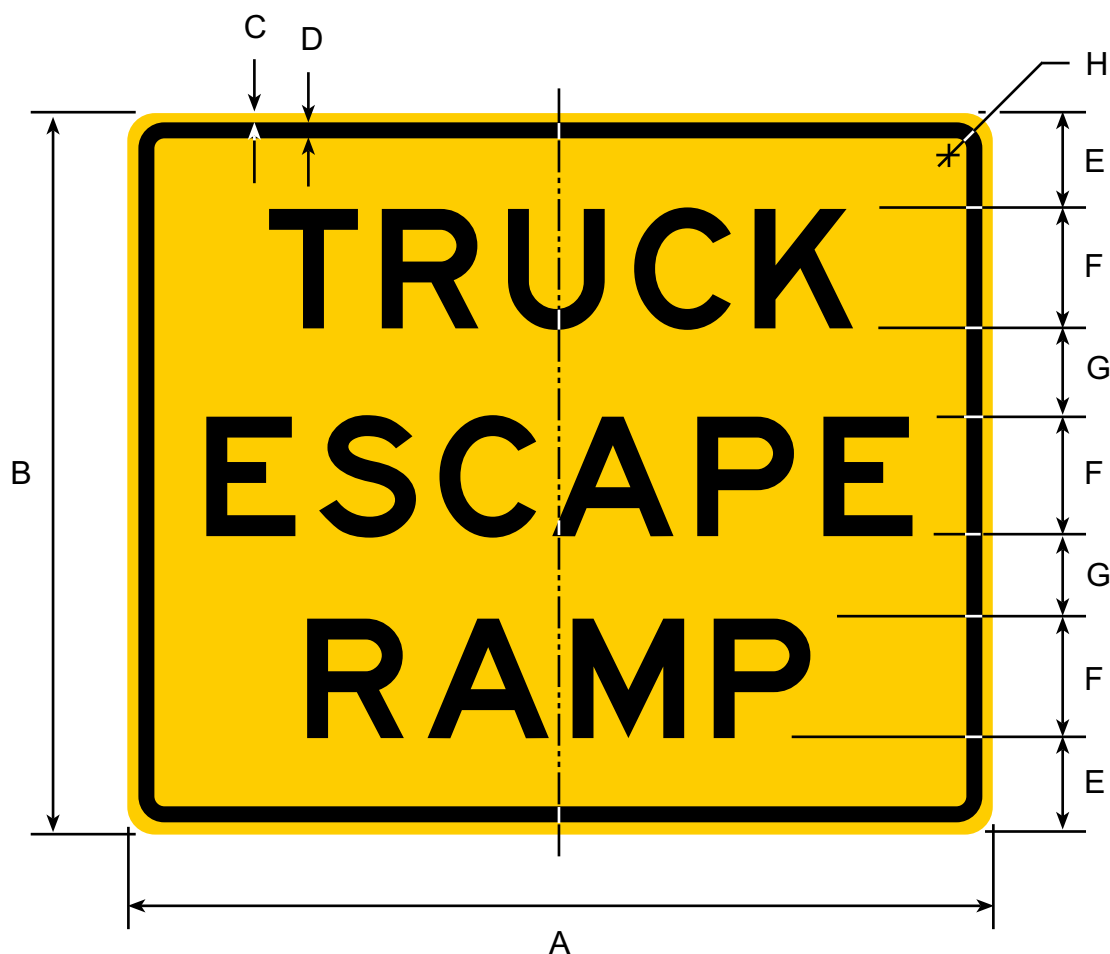
| DIMENSIONS (INCHES) |    |       |     |   |     |   |    |    |        |       |         |   |
|---------------------|----|-------|-----|---|-----|---|----|----|--------|-------|---------|---|
| A                   | B  | C     | D   | E | F   | G | H  | J  | K      | L     | M       | N |
| 78                  | 60 | 1 1/4 | 3/4 | 7 | 8-C | 5 | 20 | 27 | 15 1/8 | 3 3/4 | 11 9/16 | 3 |

## COLORS

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

# W 7-4B

4/06



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |    |
|--------------------------|------|----|----|-----|------|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H  |
| 1800                     | 1500 | 25 | 31 | 200 | 250E | 175 | 75 |

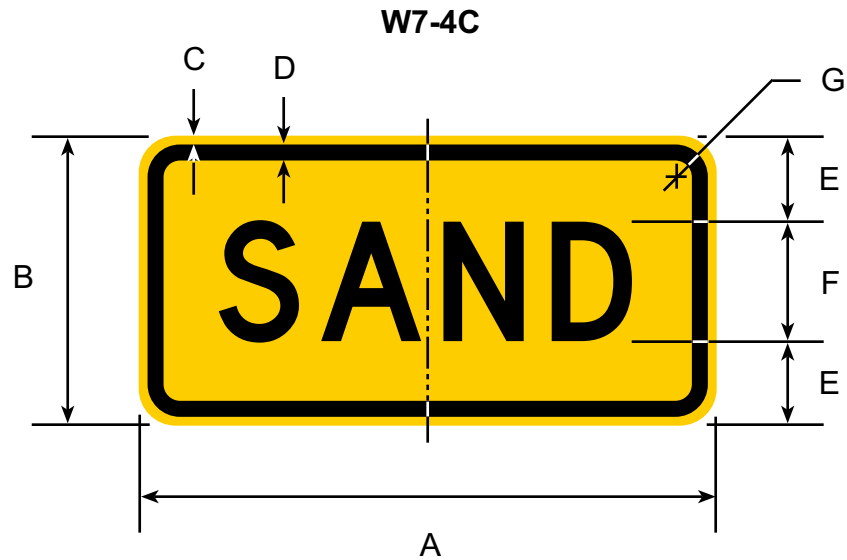
| DIMENSIONS (INCHES) |    |   |       |   |     |   |   |
|---------------------|----|---|-------|---|-----|---|---|
| A                   | B  | C | D     | E | F   | G | H |
| 72                  | 60 | 1 | 1 1/4 | 8 | 10E | 7 | 3 |

## COLORS

LEGEND & BORDER - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W7-4C, W7-4D, & W7-4E

4/06



**W7-4D\***



**W7-4E**



\* Use letter series C for GRAVEL message

| DIMENSIONS (MILLIMETERS) |     |   |    |    |      |    |
|--------------------------|-----|---|----|----|------|----|
| A                        | B   | C | D  | E  | F    | G  |
| 600                      | 300 | 9 | 16 | 88 | 125D | 38 |

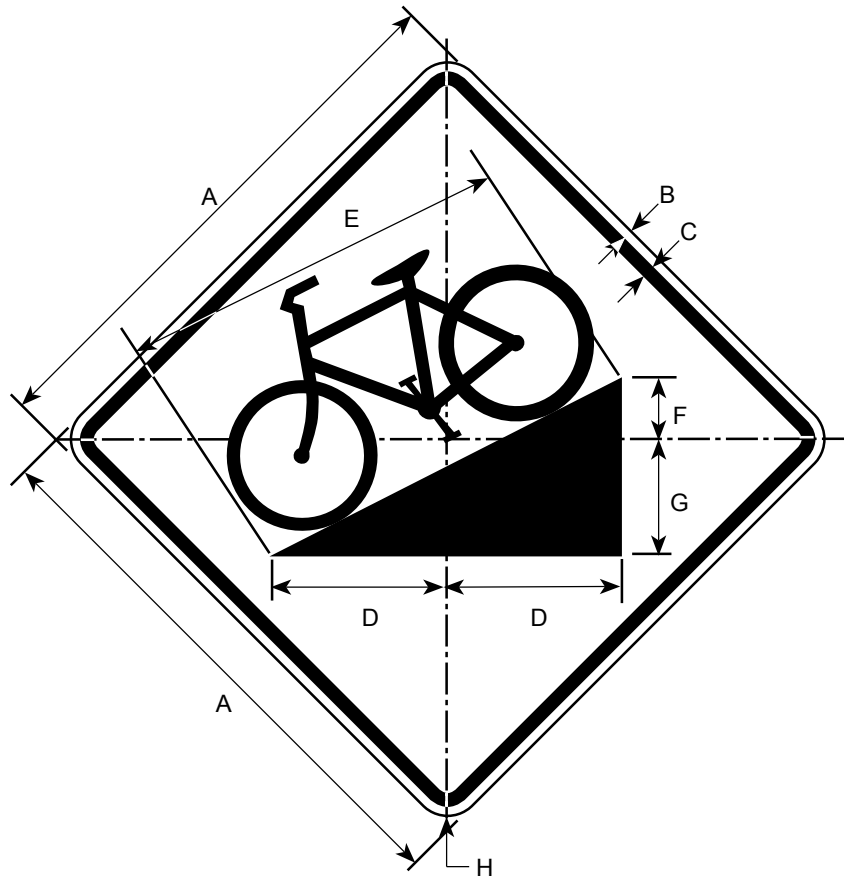
| DIMENSIONS (INCHES) |    |     |     |       |    |       |
|---------------------|----|-----|-----|-------|----|-------|
| A                   | B  | C   | D   | E     | F  | G     |
| 24                  | 12 | 3/8 | 5/8 | 3 1/2 | 5C | 1 1/2 |

## COLORS

LEGEND & BORDER - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W7-5

12/97



\* SEE APPENDIX FOR STANDARD SYMBOL DETAILS

| DIMENSIONS (MILLIMETERS) |   |    |     |     |    |     |    |
|--------------------------|---|----|-----|-----|----|-----|----|
| A                        | B | C  | D   | E   | F  | G   | H  |
| 450                      | 9 | 16 | 141 | 316 | 44 | 100 | 38 |

| DIMENSIONS (INCHES) |     |     |       |        |       |   |       |
|---------------------|-----|-----|-------|--------|-------|---|-------|
| A                   | B   | C   | D     | E      | F     | G | H     |
| 18                  | 3/8 | 5/8 | 5 5/8 | 12 5/8 | 1 3/4 | 4 | 1 1/2 |

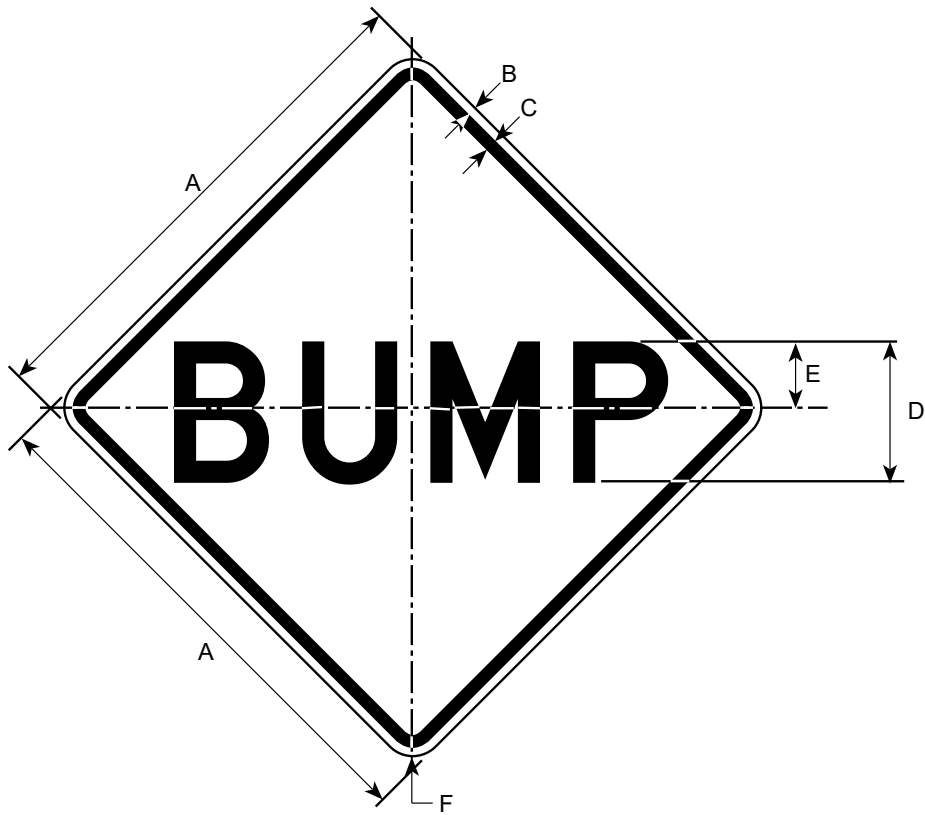
## COLORS

LEGEND, SYMBOL, BORDER - BLACK (NON-REFL.)  
BACKGROUND - YELLOW (REFL.)



# W8-1

12/97



| DIMENSIONS (MILLIMETERS) |    |    |      |     |    |
|--------------------------|----|----|------|-----|----|
| A                        | B  | C  | D    | E   | F  |
| 600                      | 9  | 16 | 150D | 75  | 38 |
| 750                      | 13 | 19 | 200D | 100 | 47 |
| 900                      | 16 | 22 | 250D | 125 | 56 |
| 1200                     | 19 | 31 | 300D | 150 | 75 |

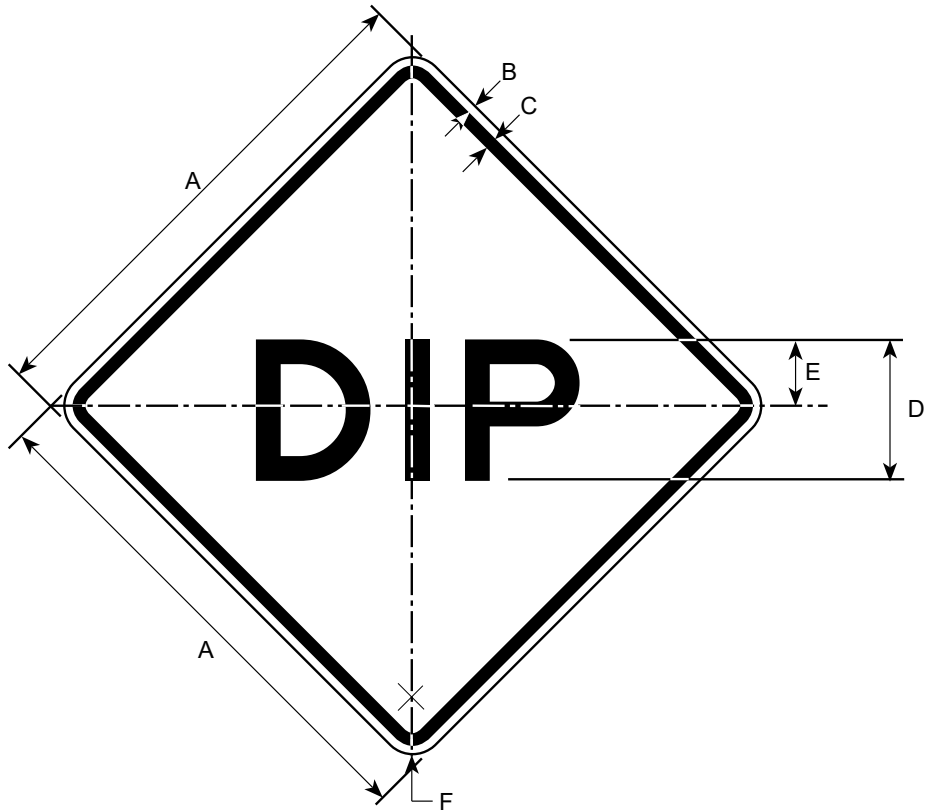
| DIMENSIONS (INCHES) |     |       |     |   |       |
|---------------------|-----|-------|-----|---|-------|
| A                   | B   | C     | D   | E | F     |
| 24                  | 3/8 | 5/8   | 6D  | 3 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 8D  | 4 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 10D | 5 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 12D | 6 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W8-2

12/97



| DIMENSIONS (MILLIMETERS) |    |    |      |     |    |
|--------------------------|----|----|------|-----|----|
| A                        | B  | C  | D    | E   | F  |
| 600                      | 9  | 16 | 150E | 75  | 38 |
| 750                      | 13 | 19 | 200E | 100 | 47 |
| 900                      | 16 | 22 | 250E | 125 | 56 |
| 1200                     | 19 | 31 | 300E | 150 | 75 |

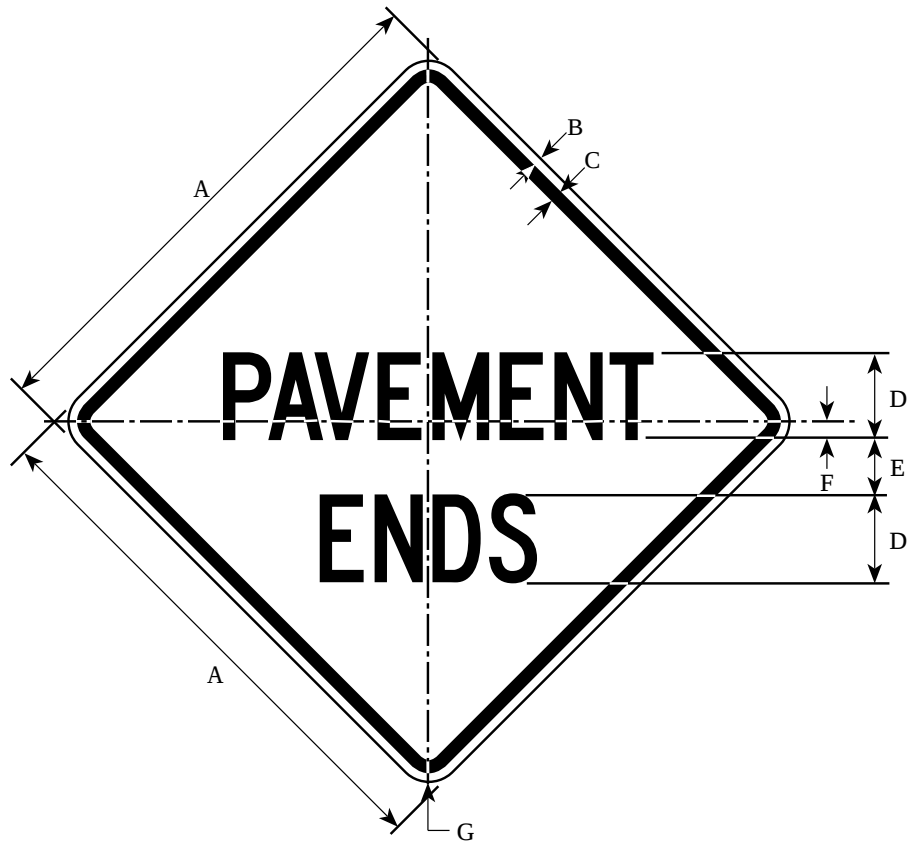
| DIMENSIONS (INCHES) |     |       |     |   |       |
|---------------------|-----|-------|-----|---|-------|
| A                   | B   | C     | D   | E | F     |
| 24                  | 3/8 | 5/8   | 6E  | 3 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 8E  | 4 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 10E | 5 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 12E | 6 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W8-3

12/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |    |    |
|--------------------------|----|----|------|----|----|----|
| A                        | B  | C  | D    | E  | F  | G  |
| 600                      | 9  | 16 | 100C | 56 | 13 | 38 |
| 750                      | 12 | 19 | 125C | 75 | 19 | 47 |
| 900                      | 16 | 22 | 150C | 88 | 25 | 56 |
| 1200                     | 19 | 31 | 200C | 11 | 47 | 75 |

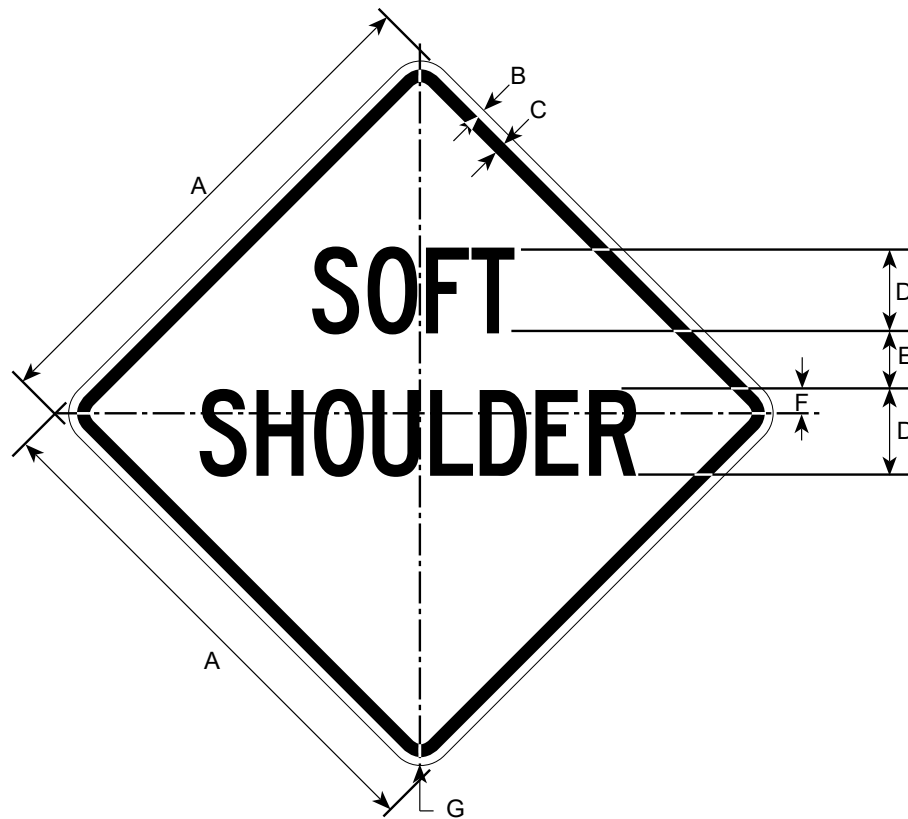
| DIMENSIONS (INCHES) |     |       |    |       |       |       |
|---------------------|-----|-------|----|-------|-------|-------|
| A                   | B   | C     | D  | E     | F     | G     |
| 18                  | 3/8 | 5/8   | 4C | 2 1/2 | 1/2   | 1 1/2 |
| 24                  | 1/2 | 3/4   | 5C | 3     | 3/4   | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6C | 3 1/2 | 1     | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8C | 4 1/2 | 1 1/2 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W8-4

12/97



| DIMENSIONS (MILLIMETERS) |    |    |      |     |    |    |
|--------------------------|----|----|------|-----|----|----|
| A                        | B  | C  | D    | E   | F  | G  |
| 600                      | 9  | 16 | 100C | 63  | 13 | 38 |
| 750                      | 13 | 19 | 125C | 75  | 19 | 47 |
| 900                      | 16 | 22 | 150C | 88  | 25 | 56 |
| 1200                     | 19 | 31 | 200C | 125 | 31 | 75 |

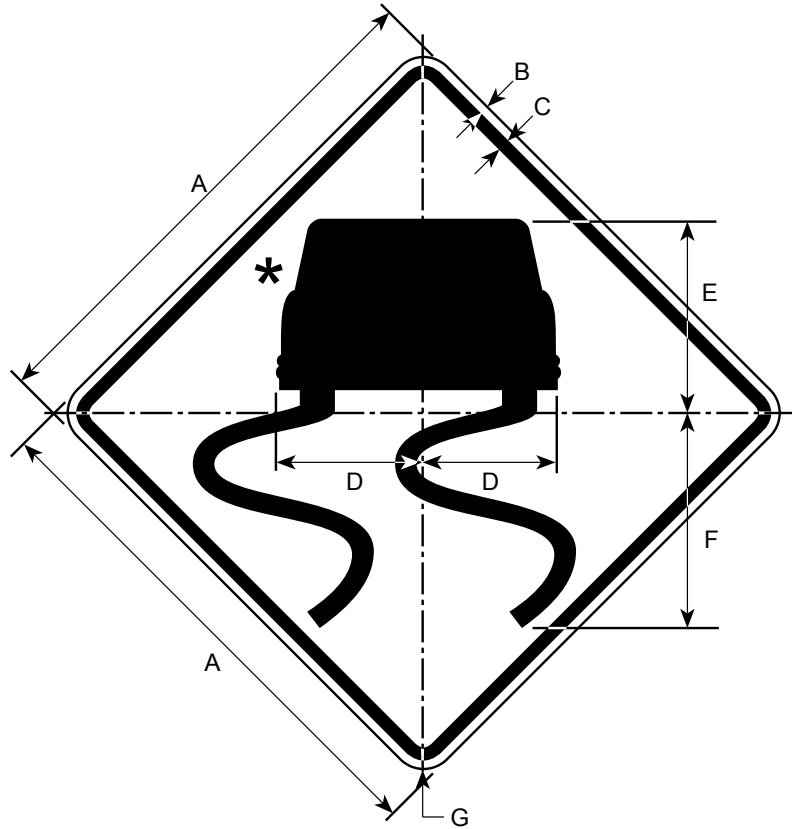
| DIMENSIONS (INCHES) |     |       |    |       |       |       |
|---------------------|-----|-------|----|-------|-------|-------|
| A                   | B   | C     | D  | E     | F     | G     |
| 24                  | 3/8 | 5/8   | 4C | 2 1/2 | 1/2   | 1 1/2 |
| 30                  | 1/2 | 3/4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

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W8-5

12/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |    |
|--------------------------|----|----|-----|-----|-----|----|
| A                        | B  | C  | D   | E   | F   | G  |
| 600                      | 9  | 16 | 158 | 217 | 247 | 38 |
| 750                      | 13 | 19 | 200 | 275 | 313 | 47 |
| 900                      | 16 | 22 | 238 | 325 | 371 | 56 |
| 1200                     | 19 | 31 | 316 | 434 | 494 | 75 |

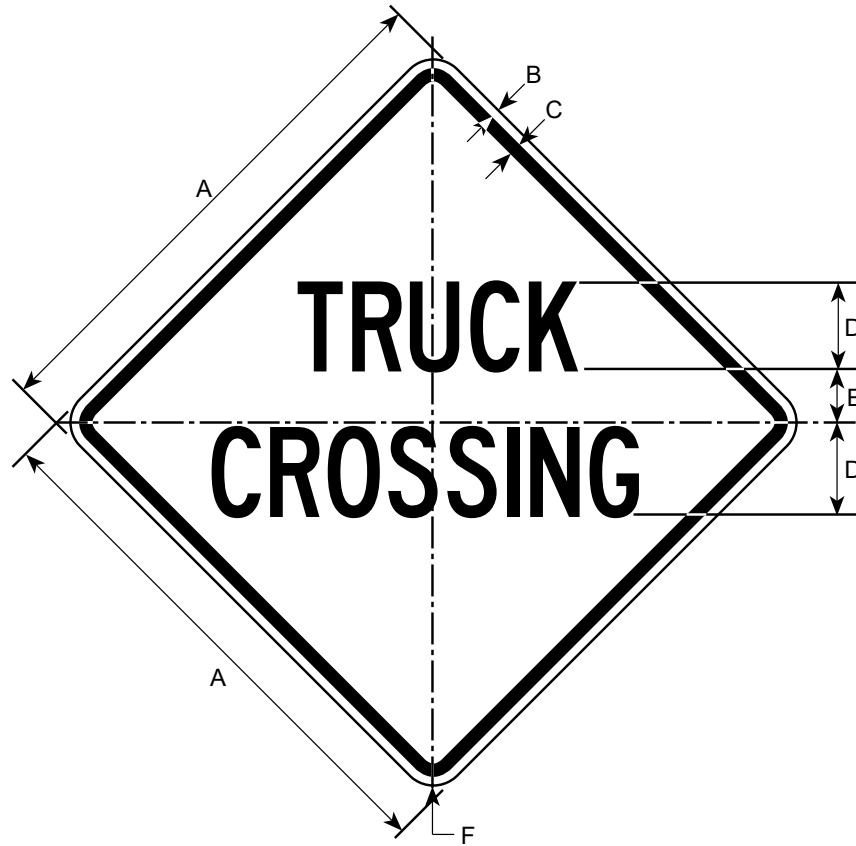
| DIMENSIONS (INCHES) |     |       |        |         |          |       |
|---------------------|-----|-------|--------|---------|----------|-------|
| A                   | B   | C     | D      | E       | F        | G     |
| 24                  | 3/8 | 5/8   | 6 5/16 | 8 11/16 | 9 7/8    | 1 1/2 |
| 30                  | 1/2 | 3/4   | 8      | 1       | 12 1/2   | 1 7/8 |
| 36                  | 5/8 | 7/8   | 9 1/2  | 13      | 14 13/16 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 12 5/8 | 17 3/8  | 19 3/4   | 3     |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W8-6

12/97



| DIMENSIONS (MILLIMETERS) |    |    |      |     |    |
|--------------------------|----|----|------|-----|----|
| A                        | B  | C  | D    | E   | F  |
| 600                      | 9  | 16 | 100C | 63  | 38 |
| 750                      | 13 | 19 | 125C | 75  | 47 |
| 900                      | 16 | 22 | 150C | 88  | 56 |
| 1200                     | 19 | 31 | 200C | 125 | 75 |

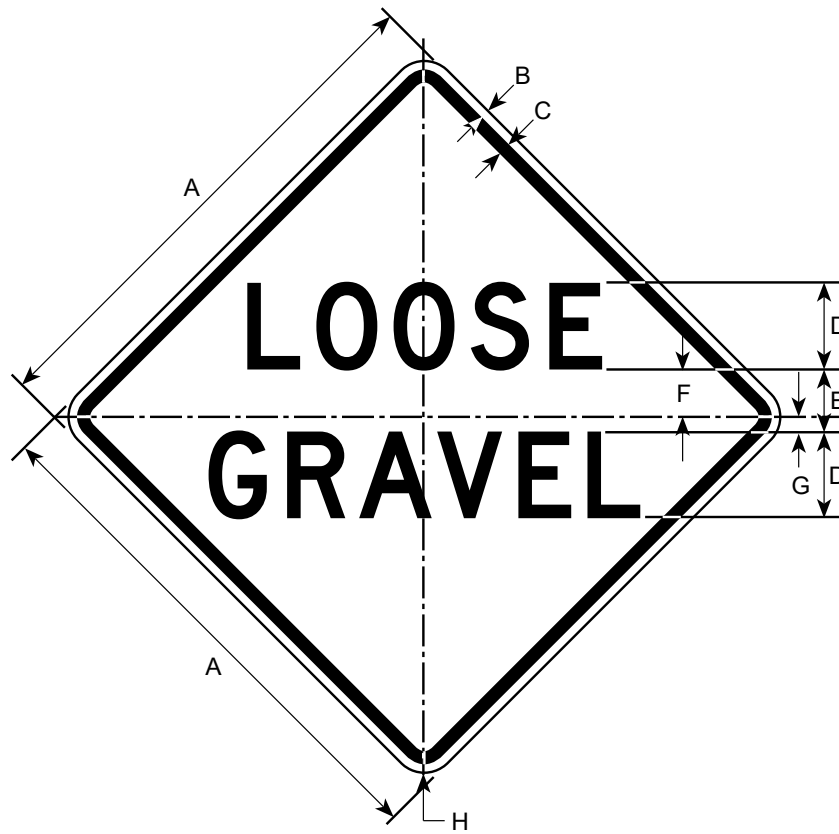
| DIMENSIONS (INCHES) |     |       |    |       |       |
|---------------------|-----|-------|----|-------|-------|
| A                   | B   | C     | D  | E     | F     |
| 24                  | 3/8 | 5/8   | 4C | 2 1/2 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 5C | 3     | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6C | 3 1/2 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8C | 5     | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W8-7

12/97



| DIMENSIONS (MILLIMETERS) |    |    |      |     |    |    |    |
|--------------------------|----|----|------|-----|----|----|----|
| A                        | B  | C  | D    | E   | F  | G  | H  |
| 600                      | 9  | 16 | 100D | 69  | 56 | 13 | 38 |
| 750                      | 12 | 19 | 125D | 86  | 71 | 16 | 47 |
| 900                      | 16 | 22 | 150D | 103 | 84 | 19 | 56 |
| 1200                     | 19 | 31 | 200D | 138 | 11 | 25 | 75 |

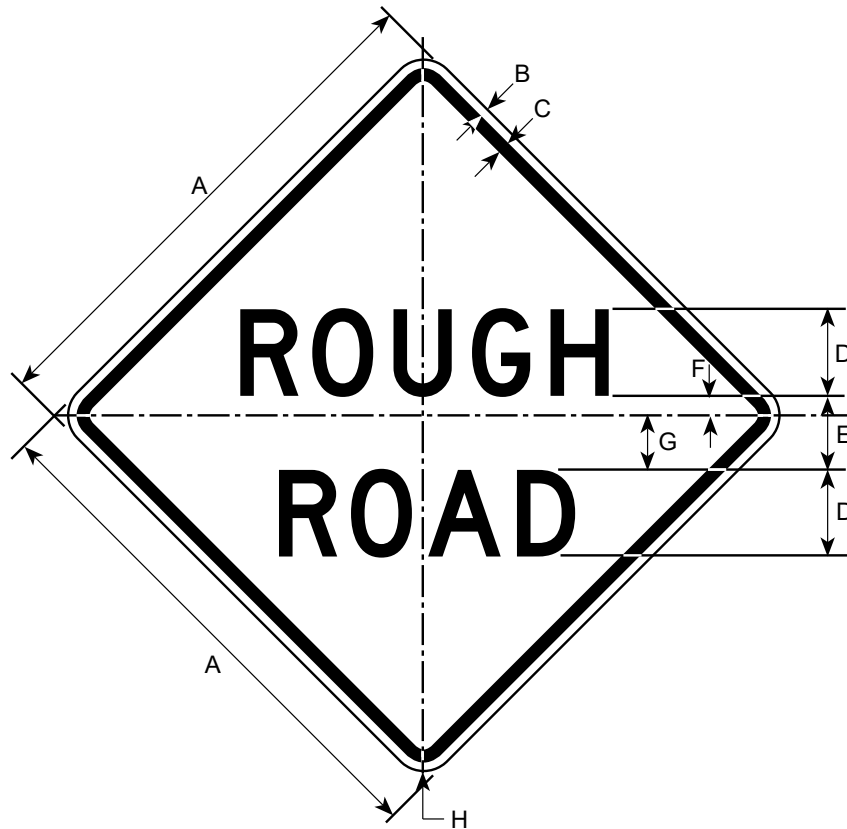
| DIMENSIONS (INCHES) |     |       |    |        |        |     |       |
|---------------------|-----|-------|----|--------|--------|-----|-------|
| A                   | B   | C     | D  | E      | F      | G   | H     |
| 24                  | 3/8 | 5/8   | 4D | 2 3/4  | 2 3/4  | 1/2 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 5D | 3 7/16 | 3 7/16 | 5/8 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6D | 4 1/8  | 4 1/8  | 3/4 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8D | 5 1/2  | 5 1/2  | 1   | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W8-8

12/97



| DIMENSIONS (MILLIMETERS) |    |    |      |     |    |     |    |
|--------------------------|----|----|------|-----|----|-----|----|
| A                        | B  | C  | D    | E   | F  | G   | H  |
| 600                      | 9  | 16 | 100D | 75  | 19 | 56  | 38 |
| 750                      | 13 | 19 | 125D | 100 | 22 | 78  | 47 |
| 900                      | 16 | 22 | 150D | 125 | 25 | 100 | 56 |
| 1200                     | 19 | 31 | 200D | 150 | 38 | 113 | 75 |

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

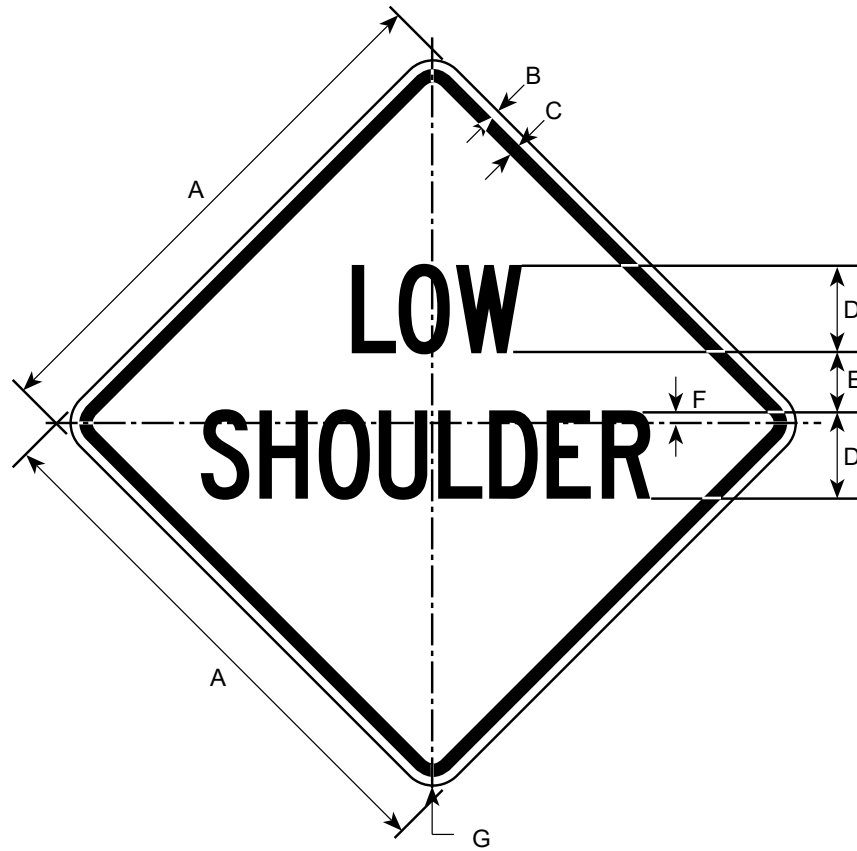
## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)



# W8-9

12/97



| DIMENSIONS (MILLIMETERS) |    |    |      |     |    |    |
|--------------------------|----|----|------|-----|----|----|
| A                        | B  | C  | D    | E   | F  | G  |
| 600                      | 9  | 16 | 100C | 63  | 13 | 38 |
| 750                      | 13 | 19 | 125C | 75  | 19 | 47 |
| 900                      | 16 | 22 | 150C | 88  | 25 | 56 |
| 1200                     | 19 | 31 | 200C | 125 | 31 | 75 |

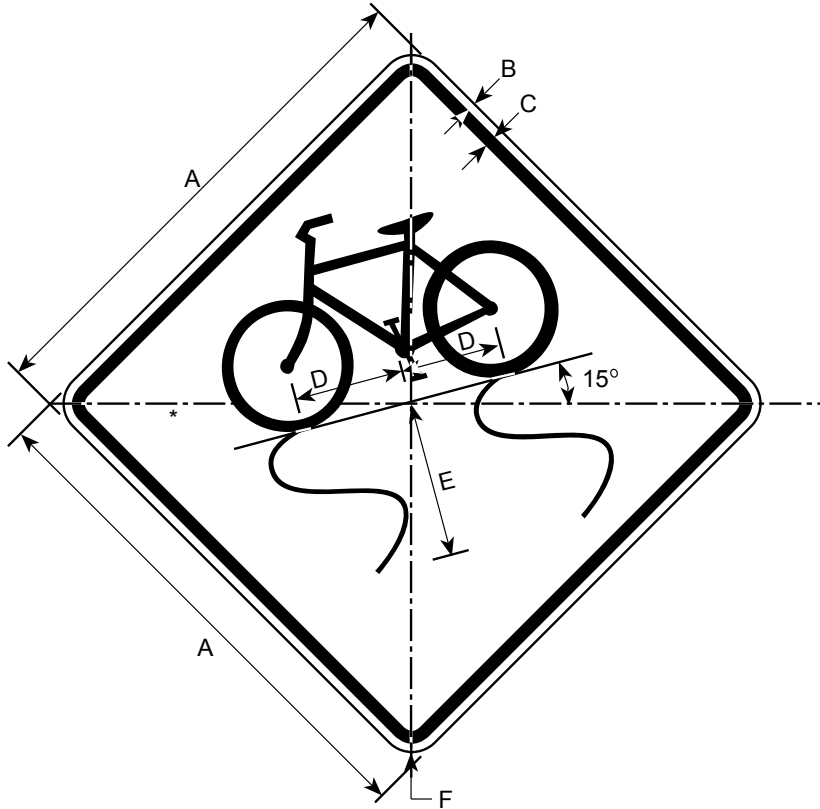
| DIMENSIONS (INCHES) |     |       |    |       |       |       |
|---------------------|-----|-------|----|-------|-------|-------|
| A                   | B   | C     | D  | E     | F     | G     |
| 24                  | 3/8 | 5/8   | 4C | 2 1/2 | 1/2   | 1 1/2 |
| 30                  | 1/2 | 3/4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

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W8-10

12/97



\* SEE APPENDIX FOR STANDARD SYMBOL DETAILS

| DIMENSIONS (MILLIMETERS) |    |    |     |     |    |
|--------------------------|----|----|-----|-----|----|
| A                        | B  | C  | D   | E   | F  |
| 450                      | 9  | 16 | 241 | 144 | 38 |
| 750                      | 13 | 19 | 150 | 241 | 47 |

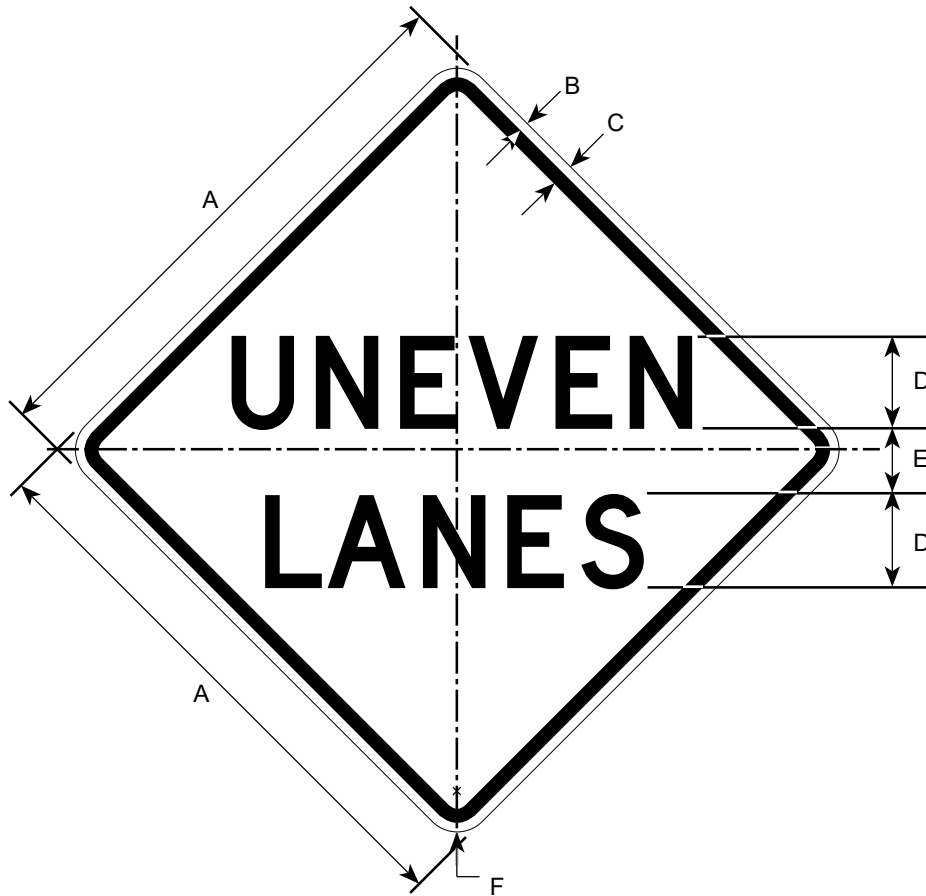
| DIMENSIONS (INCHES) |     |       |       |       |       |
|---------------------|-----|-------|-------|-------|-------|
| A                   | B   | C     | D     | E     | F     |
| 18 3/8              | 5/8 | 3 5/8 | 5 3/4 | 1 1/2 | 1 7/8 |
| 30 1/2              | 3/4 | 6     | 9 5/8 | 1 7/8 | 1 7/8 |

## COLORS

LEGEND, SYMBOL, BORDER - BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W8-11

12/97



| DIMENSIONS (MILLIMETERS) |    |    |      |       |       |
|--------------------------|----|----|------|-------|-------|
| A                        | B  | C  | D    | E     | F     |
| 900                      | 16 | 22 | 150D | 4 1/2 | 1 1/2 |
| 1200                     | 19 | 31 | 175D | 150   | 50    |

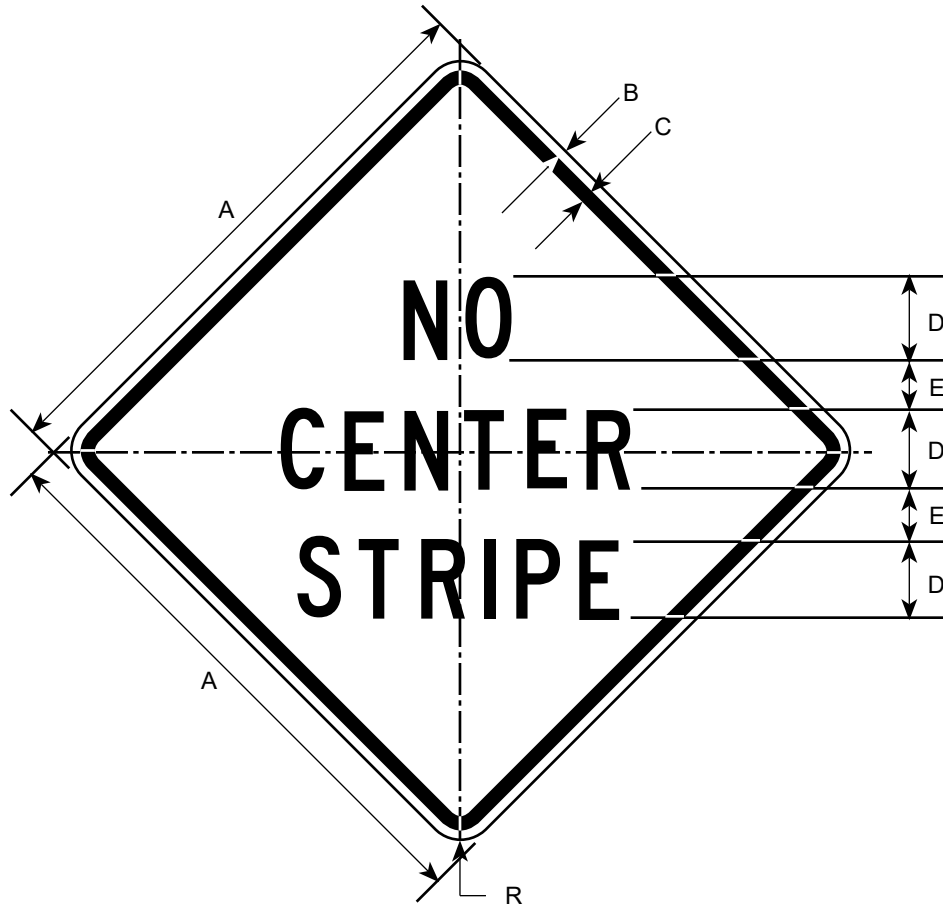
| DIMENSIONS (INCHES) |     |       |    |       |       |
|---------------------|-----|-------|----|-------|-------|
| A                   | B   | C     | D  | E     | F     |
| 36                  | 5/8 | 7/8   | 6D | 4 1/2 | 1 1/2 |
| 48                  | 3/4 | 1 1/4 | 7D | 6     | 2     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# W8-12

12/97



| DIMENSIONS (MILLIMETERS) |    |    |      |     |    |
|--------------------------|----|----|------|-----|----|
| A                        | B  | C  | D    | E   | R  |
| 750                      | 13 | 19 | 100C | 56  | 47 |
| 900                      | 16 | 22 | 125C | 88  | 56 |
| 1200                     | 19 | 31 | 175C | 113 | 75 |

| DIMENSIONS (INCHES) |     |       |     |       |       |
|---------------------|-----|-------|-----|-------|-------|
| A                   | B   | C     | D   | E     | R     |
| 30                  | 1/2 | 3/4   | 4-C | 2 1/2 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 5-C | 3 1/4 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7-C | 4 1/2 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL.)

# W8-1501

12/97



| DIMENSIONS (MILLIMETERS) |    |    |       |    |    |
|--------------------------|----|----|-------|----|----|
| A                        | B  | C  | D     | E  | R  |
| 750                      | 13 | 19 | 100-D | 37 | 47 |
| 900                      | 16 | 22 | 125-D | 44 | 56 |
| 1200                     | 19 | 37 | 175-D | 56 | 75 |

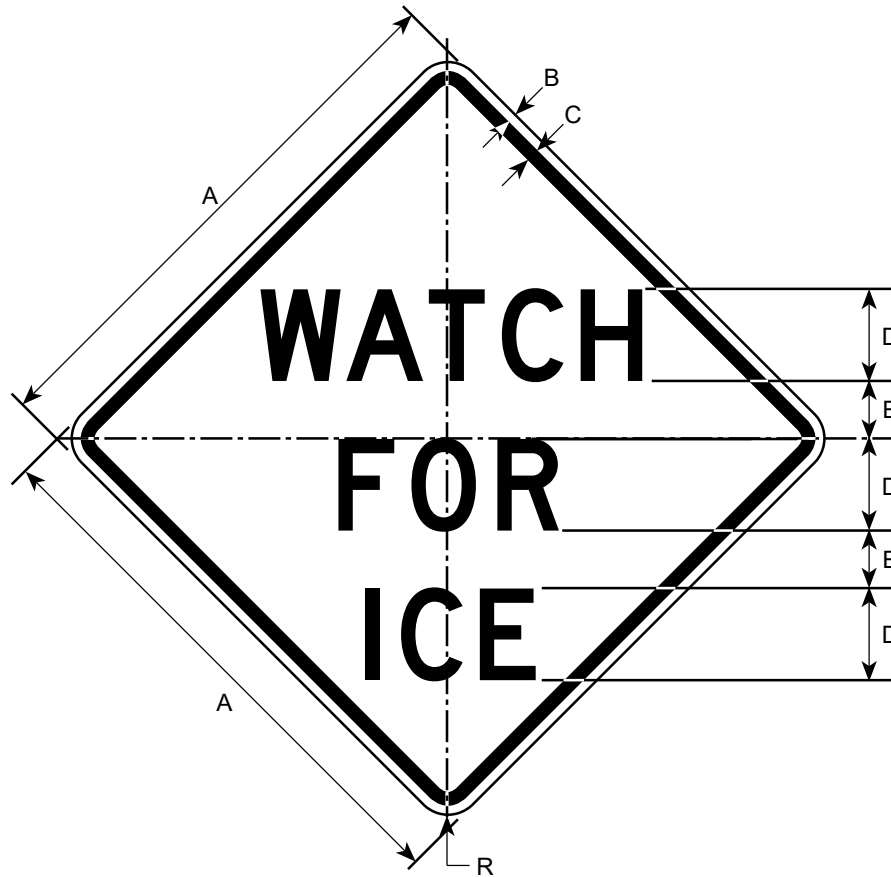
| DIMENSIONS (INCHES) |     |       |     |       |       |
|---------------------|-----|-------|-----|-------|-------|
| A                   | B   | C     | D   | E     | R     |
| 30                  | 1/2 | 3/4   | 4-D | 1 1/4 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 5-D | 1 3/4 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7-D | 2 1/4 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W8-1601

12/97



| DIMENSIONS (MILLIMETERS) |    |    |       |     |    |
|--------------------------|----|----|-------|-----|----|
| A                        | B  | C  | D     | E   | R  |
| 750                      | 13 | 19 | 125-D | 75  | 47 |
| 900                      | 16 | 22 | 125-D | 100 | 56 |
| 1200                     | 19 | 37 | 175-D | 131 | 75 |

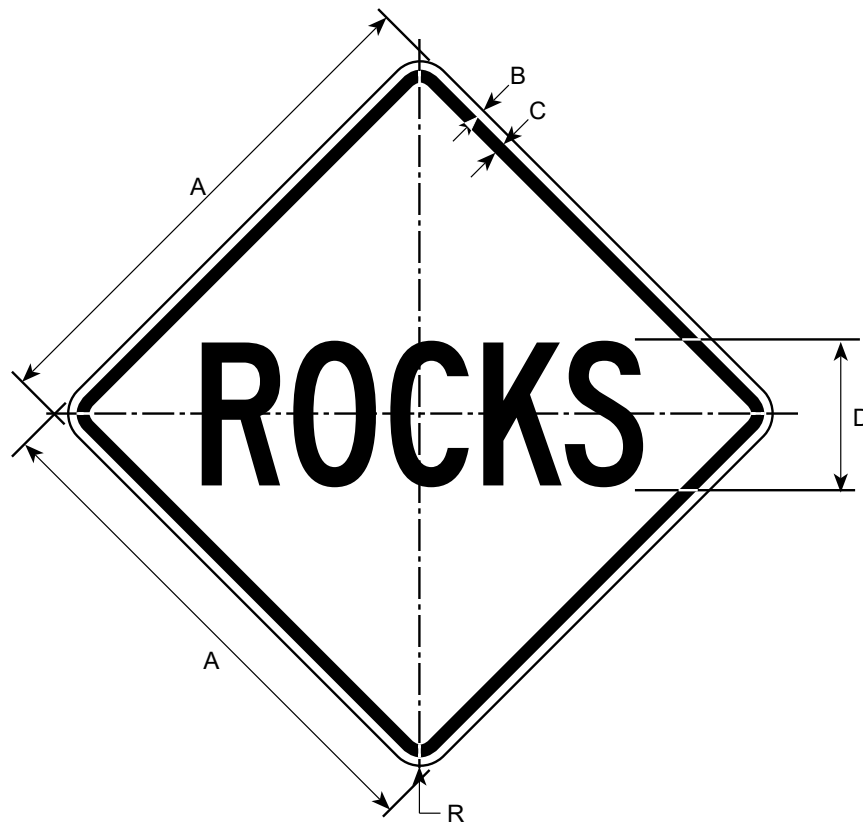
| DIMENSIONS (INCHES) |     |       |     |       |       |
|---------------------|-----|-------|-----|-------|-------|
| A                   | B   | C     | D   | E     | R     |
| 30                  | 1/2 | 3/4   | 5-D | 3     | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6-D | 4     | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8-D | 5 1/4 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W8-1701

12/97



| DIMENSIONS (MILLIMETERS) |    |    |       |    |
|--------------------------|----|----|-------|----|
| A                        | B  | C  | D     | R  |
| 600                      | 9  | 16 | 150-C | 38 |
| 750                      | 13 | 19 | 200-C | 47 |
| 900                      | 16 | 22 | 250-C | 56 |
| 1200                     | 19 | 31 | 300-C | 75 |

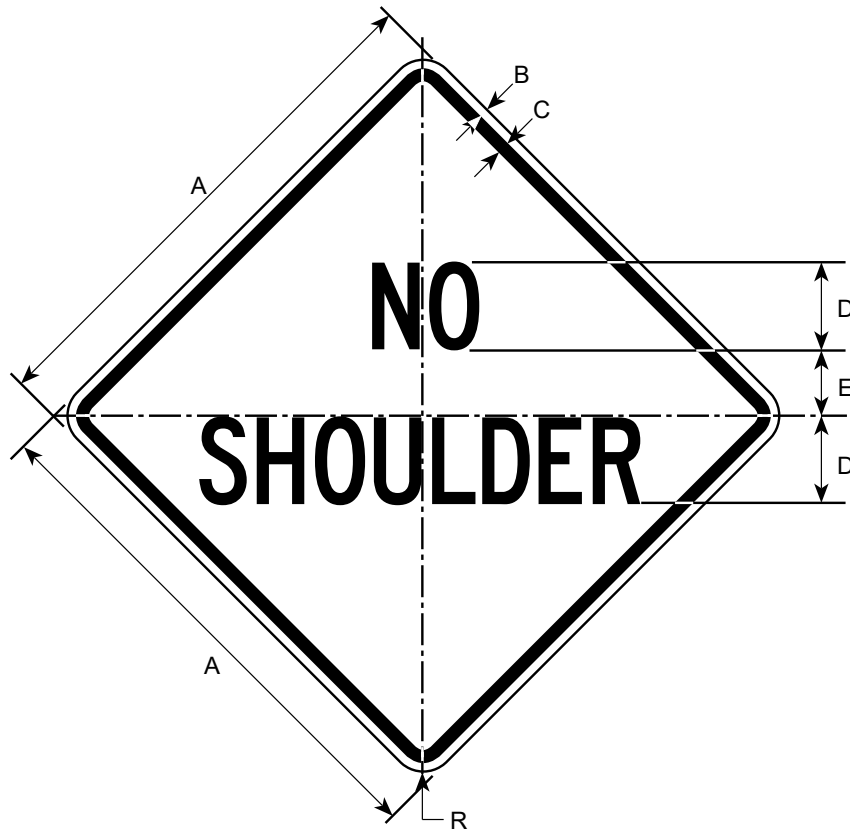
| DIMENSIONS (INCHES) |     |       |      |       |
|---------------------|-----|-------|------|-------|
| A                   | B   | C     | D    | R     |
| 24                  | 3/8 | 5/8   | 6-C  | 1 1/2 |
| 30                  | 1/2 | 3/4   | 8-C  | 1 7/8 |
| 36                  | 5/8 | 7/8   | 10-C | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 12-C | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W8-1801

12/97



| DIMENSIONS (MILLIMETERS) |    |    |       |     |    |
|--------------------------|----|----|-------|-----|----|
| A                        | B  | C  | D     | E   | R  |
| 600                      | 9  | 16 | 100-C | 69  | 38 |
| 750                      | 13 | 19 | 125-C | 94  | 47 |
| 900                      | 16 | 22 | 150-C | 11  | 56 |
| 1200                     | 19 | 31 | 175-C | 150 | 75 |

| DIMENSIONS (INCHES) |     |       |     |       |       |
|---------------------|-----|-------|-----|-------|-------|
| A                   | B   | C     | D   | E     | R     |
| 24                  | 3/8 | 5/8   | 4-C | 2 3/4 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 5-C | 3 3/4 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6-C | 4 1/2 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7-C | 6     | 3     |

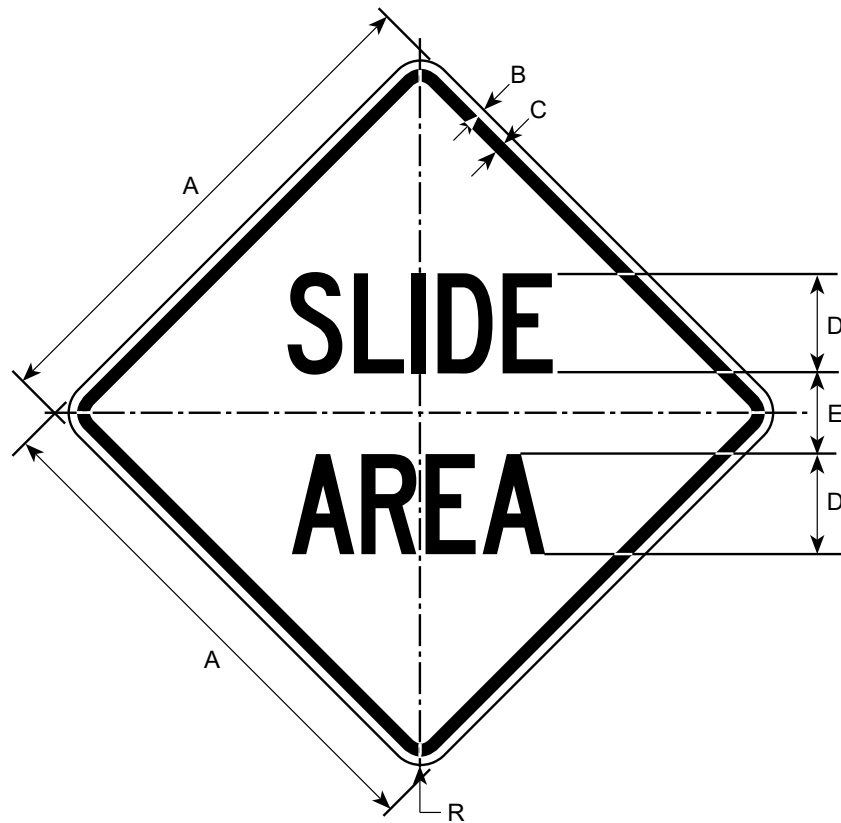
## COLORS

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



# W8-1901

12/97



| DIMENSIONS (MILLIMETERS) |    |    |       |     |    |
|--------------------------|----|----|-------|-----|----|
| A                        | B  | C  | D     | E   | R  |
| 600                      | 9  | 16 | 125-C | 88  | 38 |
| 750                      | 13 | 19 | 150-C | 11  | 47 |
| 900                      | 16 | 22 | 175-C | 138 | 56 |
| 1200                     | 19 | 31 | 250-C | 175 | 75 |

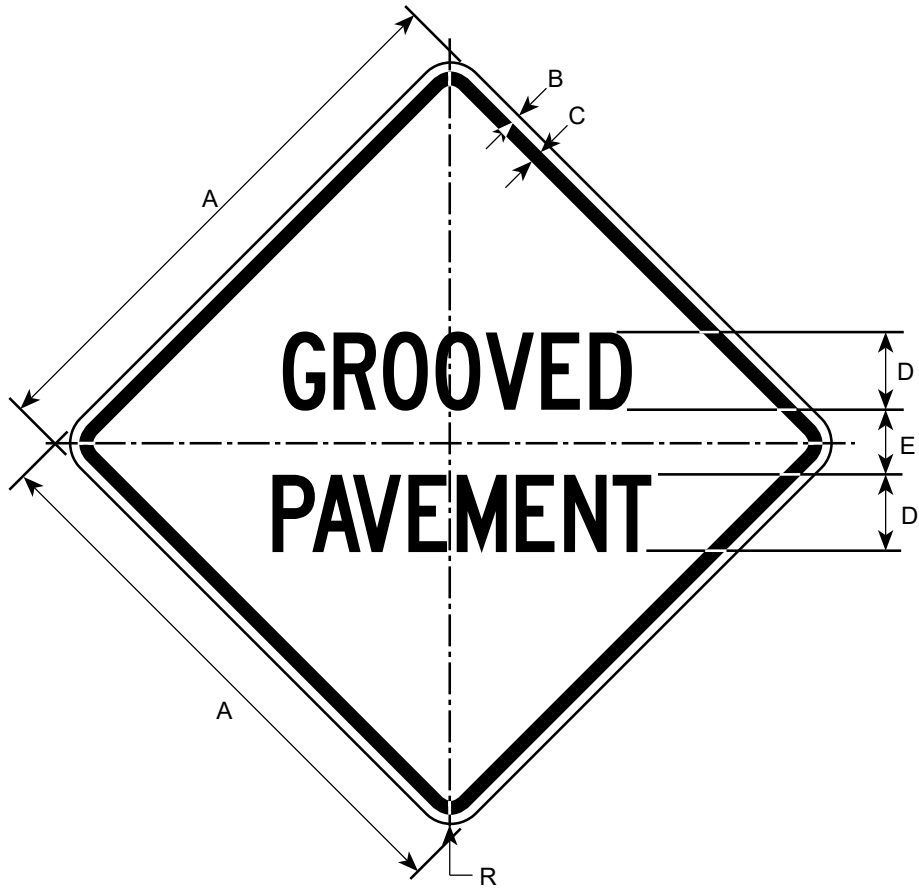
| DIMENSIONS (INCHES) |     |       |      |       |       |
|---------------------|-----|-------|------|-------|-------|
| A                   | B   | C     | D    | E     | R     |
| 24                  | 3/8 | 5/8   | 5-C  | 3 1/2 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 6-C  | 4 1/2 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 7-C  | 5 1/2 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 10-C | 7     | 3     |

## COLORS

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

# W8-2001

12/97



| DIMENSIONS (MILLIMETERS) |    |    |       |    |    |
|--------------------------|----|----|-------|----|----|
| A                        | B  | C  | D     | E  | R  |
| 750                      | 13 | 19 | 100-C | 75 | 47 |
| 900                      | 16 | 22 | 125-C | 88 | 56 |
| 1200                     | 19 | 31 | 175-C | 11 | 75 |

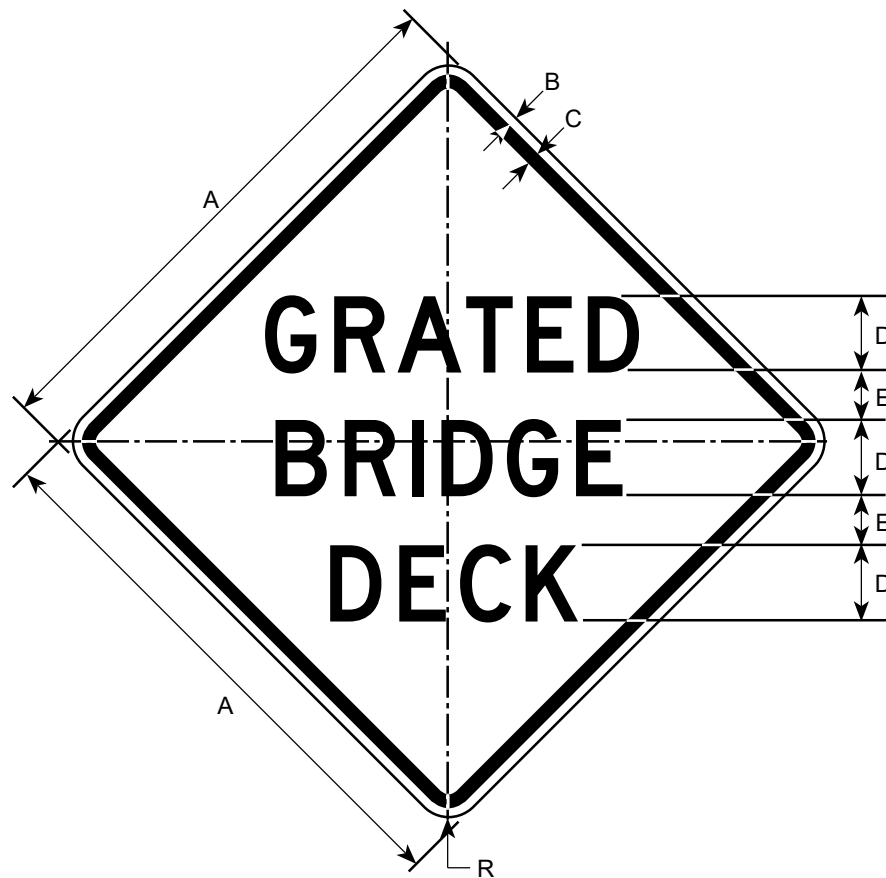
| DIMENSIONS (INCHES) |     |       |     |       |       |
|---------------------|-----|-------|-----|-------|-------|
| A                   | B   | C     | D   | E     | R     |
| 30                  | 1/2 | 3/4   | 4-C | 3     | 1 7/8 |
| 36                  | 5/8 | 7/8   | 5-C | 3 1/2 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7-C | 4 1/2 | 3     |

## COLORS

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

# W8-2101

11/97



| DIMENSIONS (MILLIMETERS) |    |    |       |    |    |
|--------------------------|----|----|-------|----|----|
| A                        | B  | C  | D     | E  | R  |
| 750                      | 13 | 19 | 100-D | 50 | 47 |
| 900                      | 16 | 22 | 125-D | 56 | 56 |
| 1200                     | 19 | 31 | 175-D | 75 | 75 |

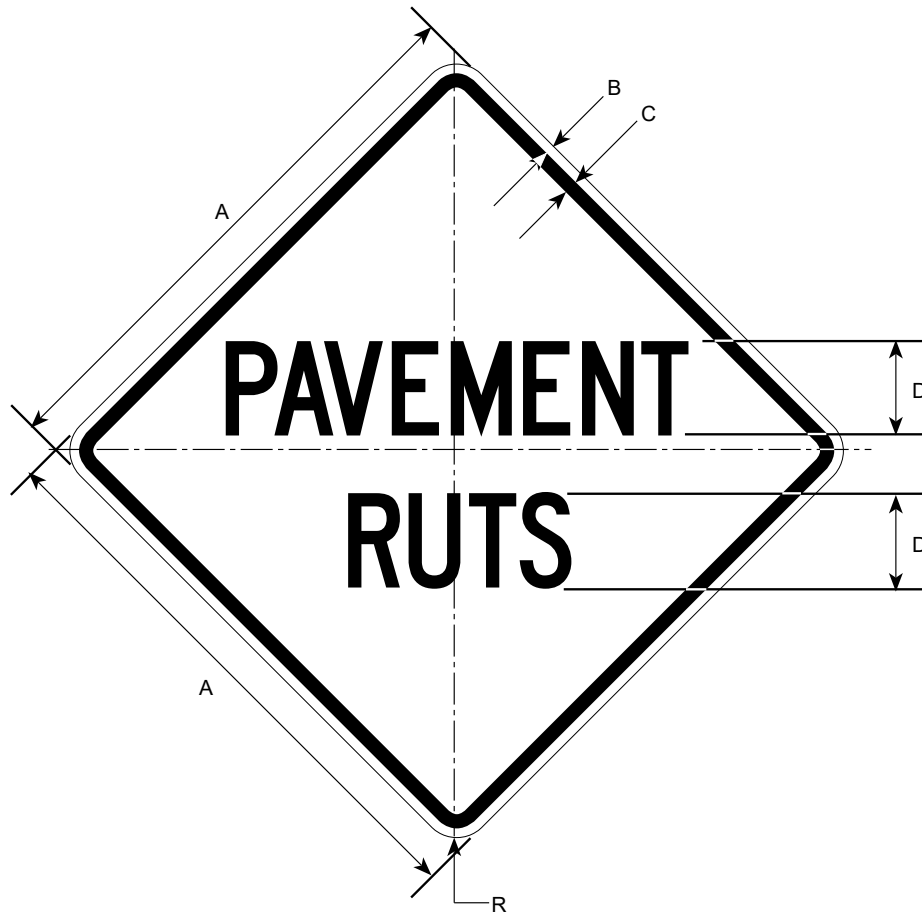
| DIMENSIONS (INCHES) |     |       |     |       |       |
|---------------------|-----|-------|-----|-------|-------|
| A                   | B   | C     | D   | E     | R     |
| 30                  | 1/2 | 3/4   | 4-D | 2     | 1 7/8 |
| 36                  | 5/8 | 7/8   | 5-D | 2 1/2 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7-D | 3 1/4 | 3     |

## COLORS

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

# W8-2201

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |
|--------------------------|----|----|------|----|
| A                        | B  | C  | D    | R  |
| 1200                     | 19 | 31 | 200C | 75 |

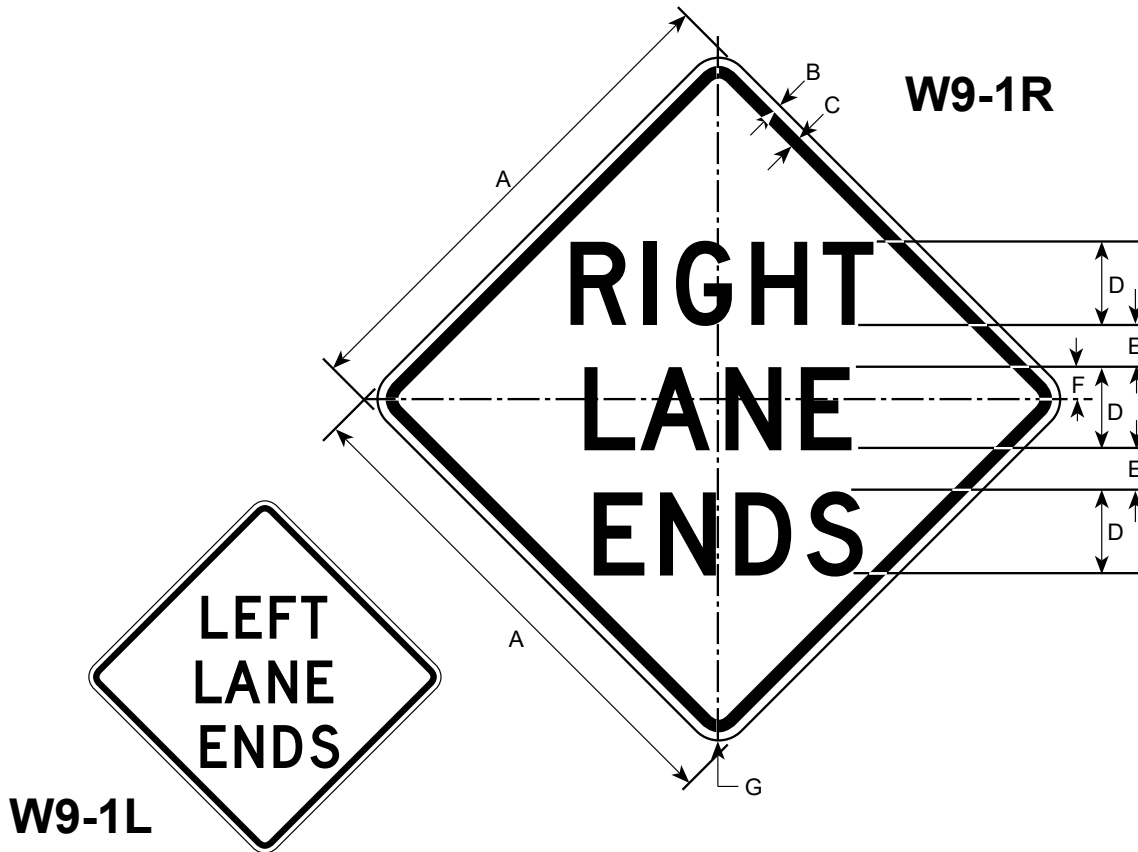
| DIMENSIONS (INCHES) |     |       |    |   |
|---------------------|-----|-------|----|---|
| A                   | B   | C     | D  | R |
| 48                  | 3/4 | 1 1/4 | 8C | 3 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W9 -1L & W9-1R

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |     |    |    |
|--------------------------|----|----|------|-----|----|----|
| A                        | B  | C  | D    | E   | F  | G  |
| 750                      | 13 | 19 | 125D | 63  | 37 | 47 |
| 900                      | 16 | 22 | 150D | 75  | 50 | 56 |
| 1200                     | 19 | 31 | 200D | 100 | 75 | 75 |

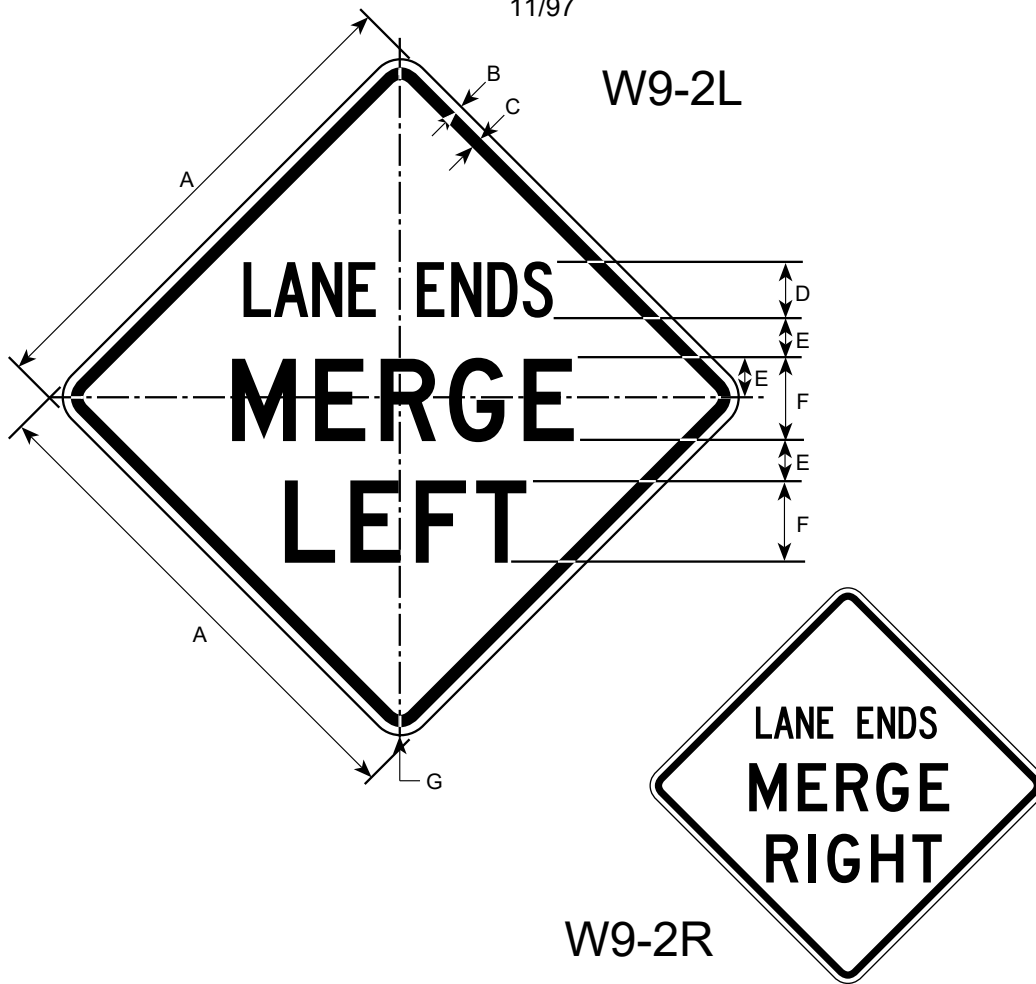
| DIMENSIONS (INCHES) |     |       |    |       |       |       |
|---------------------|-----|-------|----|-------|-------|-------|
| A                   | B   | C     | D  | E     | F     | G     |
| 30                  | 1/2 | 3/4   | 5D | 2 1/2 | 1 1/2 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6D | 3     | 2     | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8D | 4     | 3     | 3     |

## COLORS

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

# W9-2L & W9-2R

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |     |      |    |
|--------------------------|----|----|------|-----|------|----|
| A                        | B  | C  | D    | E   | F    | G  |
| 700                      | 13 | 19 | 75C  | 63  | 125D | 47 |
| 900                      | 16 | 22 | 100C | 75  | 125  | 56 |
| 1200                     | 19 | 31 | 99   | 100 | 156  | 75 |

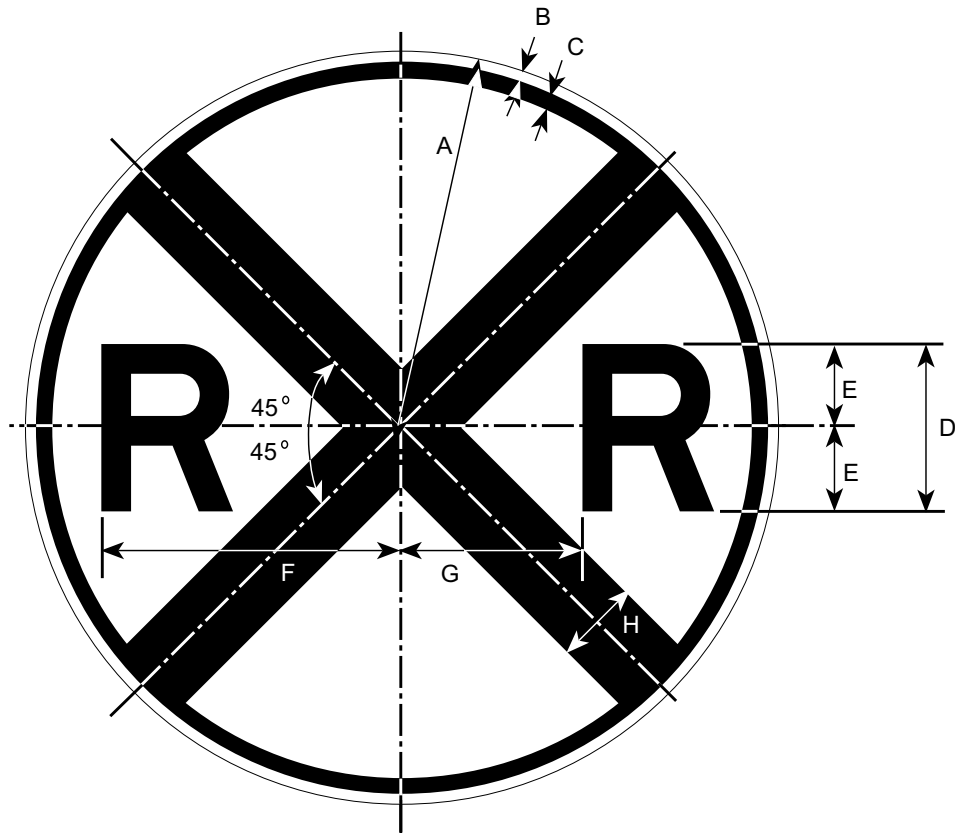
| DIMENSIONS (INCHES) |     |       |    |       |    |       |
|---------------------|-----|-------|----|-------|----|-------|
| A                   | B   | C     | D  | E     | F  | G     |
| 30                  | 1/2 | 3/4   | 3C | 2 1/2 | 5D | 1 7/8 |
| 36                  | 5/8 | 7/8   | 4C | 3     | 6D | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 6C | 4     | 8D | 3     |

## COLORS

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

# W10-1

4/99



| DIMENSIONS (MILLIMETERS) |    |    |      |     |     |     |     |
|--------------------------|----|----|------|-----|-----|-----|-----|
| A                        | B  | C  | D    | E   | F   | G   | H   |
| 375                      | 9  | 16 | 175E | 88  | 309 | 178 | 75  |
| 450                      | 13 | 19 | 200E | 100 | 359 | 216 | 100 |
| 600                      | 19 | 22 | 250E | 125 | 459 | 297 | 125 |

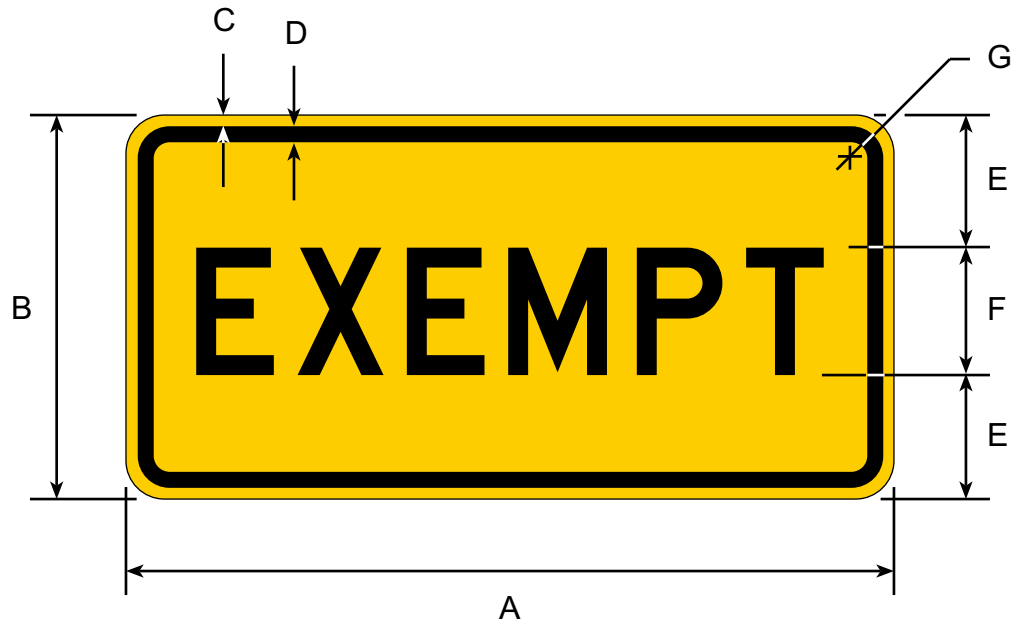
| DIMENSIONS (INCHES) |     |       |     |       |        |       |   |
|---------------------|-----|-------|-----|-------|--------|-------|---|
| A                   | B   | C     | D   | E     | F      | G     | H |
| 15                  | 3/8 | 5/8   | 7E  | 3 1/2 | 12 3/8 | 7 1/8 | 3 |
| 18                  | 1/2 | 3/4   | 8E  | 4     | 14 3/8 | 8 5/8 | 4 |
| 24                  | 3/4 | 1 1/4 | 10E | 5     | 18 3/8 | 11    | 5 |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W10-1A

7/06



| DIMENSIONS (MILLIMETERS) |     |   |    |     |      |    |
|--------------------------|-----|---|----|-----|------|----|
| A                        | B   | C | D  | E   | F    | G  |
| 600                      | 300 | 9 | 16 | 100 | 100D | 38 |

| DIMENSIONS (INCHES) |    |     |     |   |    |       |
|---------------------|----|-----|-----|---|----|-------|
| A                   | B  | C   | D   | E | F  | G     |
| 24                  | 12 | 3/8 | 5/8 | 4 | 4D | 1 1/2 |

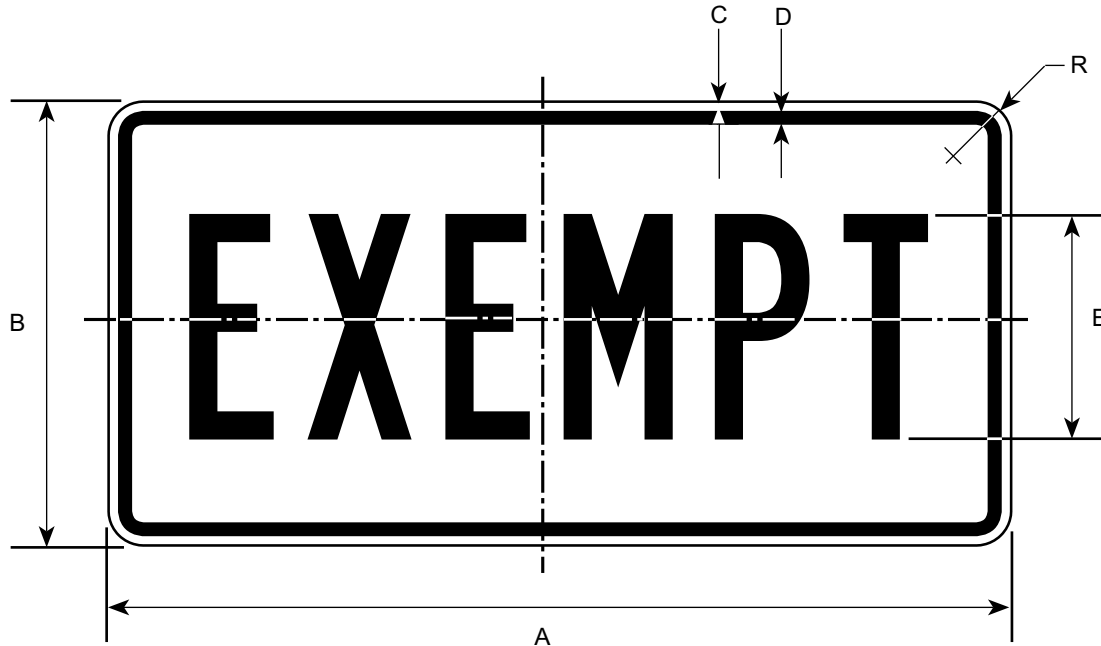
## COLORS

LEGEND & BORDER - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)



# W10-101

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |       |    |
|--------------------------|-----|---|----|-------|----|
| A                        | B   | C | D  | E     | R  |
| 600                      | 300 | 9 | 16 | 150-B | 38 |
| 750                      | 375 | 9 | 16 | 200-B | 38 |

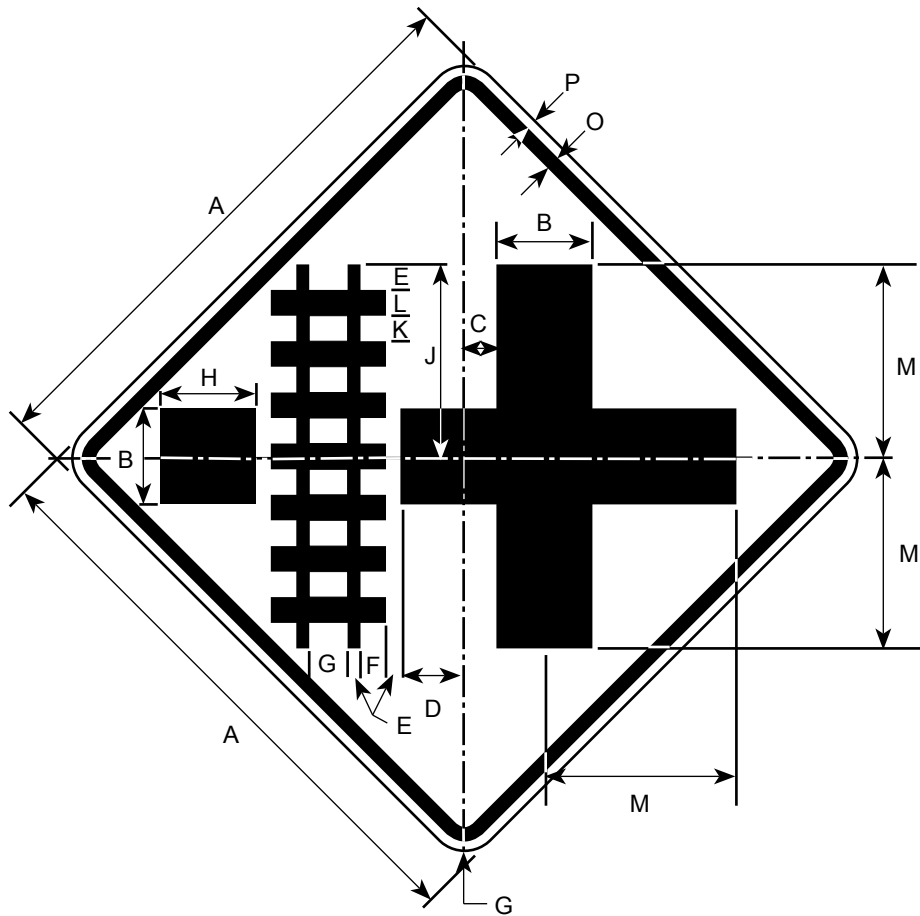
| DIMENSIONS (INCHES) |    |     |     |     |       |
|---------------------|----|-----|-----|-----|-------|
| A                   | B  | C   | D   | E   | R     |
| 24                  | 12 | 3/8 | 5/8 | 6-B | 1 1/2 |
| 30                  | 15 | 3/8 | 5/8 | 8-B | 1 1/2 |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W10-2

11/97



DIMENSIONS (MILLIMETERS)

| A    | B   | C   | D   | E  | F  | G  | H  | J   | K  | L  | M   | O  | P  |
|------|-----|-----|-----|----|----|----|----|-----|----|----|-----|----|----|
| 750  | 103 | 88  | 11  | 16 | 22 | 47 | 72 | 209 | 28 | 31 | 259 | 19 | 13 |
| 900  | 125 | 106 | 144 | 19 | 28 | 56 | 88 | 252 | 34 | 38 | 313 | 22 | 16 |
| 1200 | 166 | 141 | 197 | 22 | 38 | 75 | 11 | 328 | 44 | 50 | 414 | 31 | 19 |

DIMENSIONS (INCHES)

| A  | B     | C     | D     | E   | F     | G     | H     | J       | K     | L     | M       | O     | P   |
|----|-------|-------|-------|-----|-------|-------|-------|---------|-------|-------|---------|-------|-----|
| 30 | 4 1/8 | 3 1/2 | 4 3/4 | 5/8 | 7/8   | 1 7/8 | 2 7/8 | 8 3/8   | 1 1/8 | 1 1/4 | 10 3/8  | 3/4   | 1/2 |
| 36 | 5     | 4 1/4 | 5 3/4 | 3/4 | 1 1/8 | 2 1/4 | 3 1/2 | 10 1/16 | 1 3/8 | 1 1/2 | 12 1/2  | 7/8   | 5/8 |
| 48 | 6 5/8 | 5 5/8 | 7 7/8 | 1   | 1 1/2 | 3     | 4 5/8 | 13 1/8  | 1 3/4 | 2     | 16 9/16 | 1 1/4 | 3/4 |

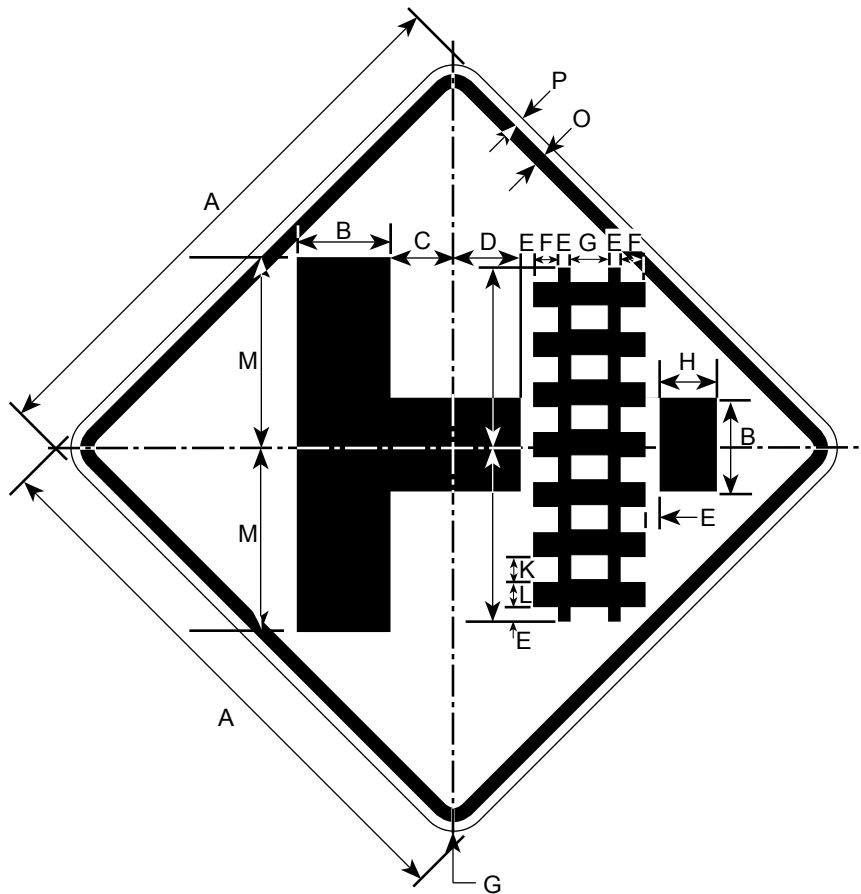
## COLORS

LEGEND - BLACK (NON-REFL.)

BACKGROUND - YELLOW (REFL.)

# W10-3

11/97



DIMENSIONS (MILLIMETERS)

| A    | B   | C   | D   | E  | F  | G  | H  | J   | K  | L  | M   | O  | P  |
|------|-----|-----|-----|----|----|----|----|-----|----|----|-----|----|----|
| 750  | 103 | 88  | 11  | 16 | 22 | 47 | 72 | 209 | 28 | 31 | 259 | 19 | 13 |
| 900  | 125 | 106 | 144 | 19 | 28 | 56 | 88 | 252 | 34 | 38 | 313 | 22 | 16 |
| 1200 | 166 | 141 | 197 | 22 | 38 | 75 | 11 | 328 | 44 | 50 | 414 | 31 | 19 |

DIMENSIONS (INCHES)

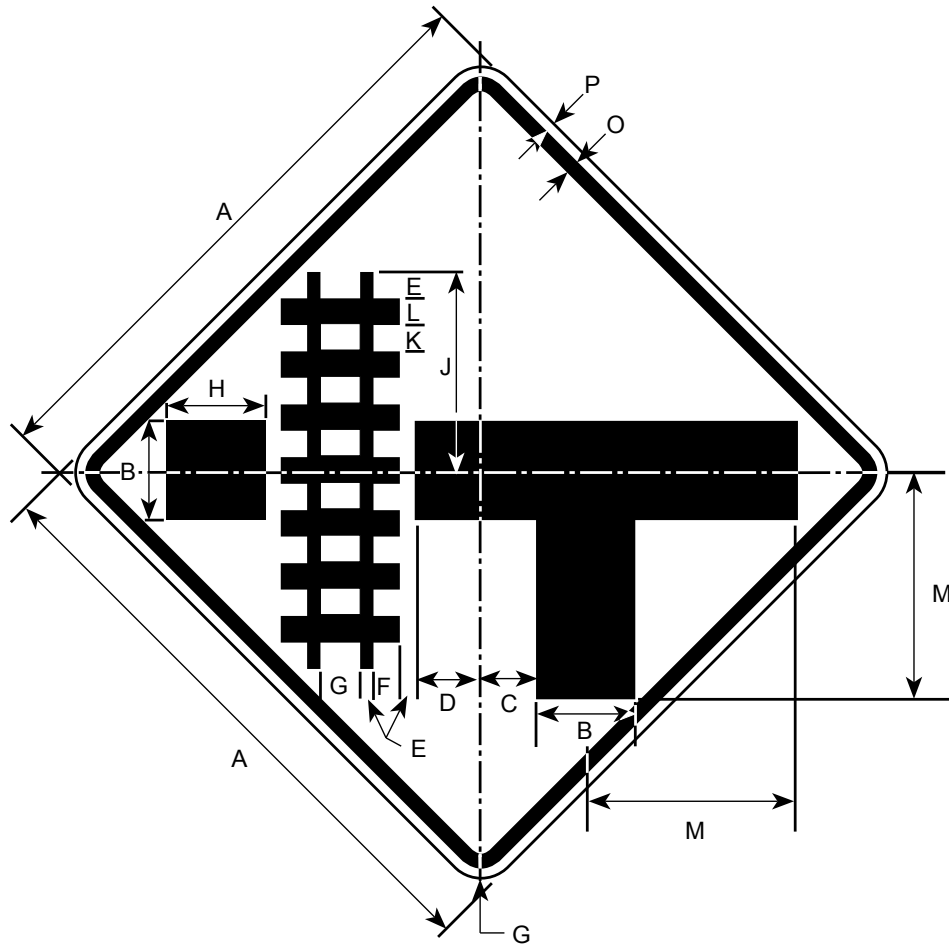
| A  | B     | C     | D     | E   | F     | G     | H     | J       | K     | L     | M       | O     | P   |
|----|-------|-------|-------|-----|-------|-------|-------|---------|-------|-------|---------|-------|-----|
| 30 | 4 1/8 | 3 1/2 | 4 3/4 | 5/8 | 7/8   | 1 7/8 | 2 7/8 | 8 3/8   | 1 1/8 | 1 1/4 | 10 3/8  | 3/4   | 1/2 |
| 36 | 5     | 4 1/4 | 5 3/4 | 3/4 | 1 1/8 | 2 1/4 | 3 1/2 | 10 1/16 | 1 3/8 | 1 1/2 | 12 1/2  | 7/8   | 5/8 |
| 48 | 6 5/8 | 5 5/8 | 7 7/8 | 1   | 1 1/2 | 3     | 4 5/8 | 13 1/8  | 1 3/4 | 2     | 16 9/16 | 1 1/4 | 3/4 |

## COLORS

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

# W10-4

11/97



DIMENSIONS (MILLIMETERS)

| A    | B   | C   | D   | E  | F  | G  | H  | J   | K  | L  | M   | O  | P  |
|------|-----|-----|-----|----|----|----|----|-----|----|----|-----|----|----|
| 750  | 103 | 88  | 11  | 16 | 22 | 47 | 72 | 209 | 28 | 31 | 259 | 19 | 13 |
| 900  | 125 | 106 | 144 | 19 | 28 | 56 | 88 | 252 | 34 | 38 | 313 | 22 | 16 |
| 1200 | 166 | 141 | 197 | 22 | 38 | 75 | 11 | 328 | 44 | 50 | 414 | 31 | 19 |

DIMENSIONS (INCHES)

| A  | B     | C     | D     | E   | F     | G     | H     | J       | K     | L     | M       | O     | P   |
|----|-------|-------|-------|-----|-------|-------|-------|---------|-------|-------|---------|-------|-----|
| 30 | 4 1/8 | 3 1/2 | 4 3/4 | 5/8 | 7/8   | 1 7/8 | 2 7/8 | 8 3/8   | 1 1/8 | 1 1/4 | 10 3/8  | 3/4   | 1/2 |
| 36 | 5     | 4 1/4 | 5 3/4 | 3/4 | 1 1/8 | 2 1/4 | 3 1/2 | 10 1/16 | 1 3/8 | 1 1/2 | 12 1/2  | 7/8   | 5/8 |
| 48 | 6 5/8 | 5 5/8 | 7 7/8 | 1   | 1 1/2 | 3     | 4 5/8 | 13 1/8  | 1 3/4 | 2     | 16 9/16 | 1 1/4 | 3/4 |

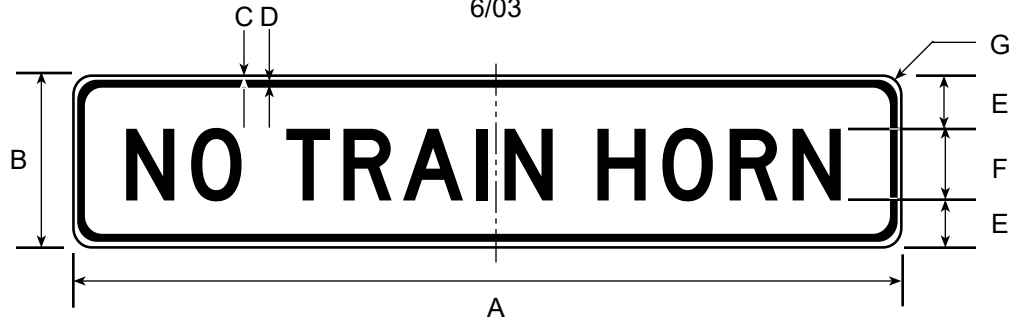
## COLORS

LEGEND - BLACK (NON-REFL.)

BACKGROUND - YELLOW (REFL.)

## W10-9

6/03

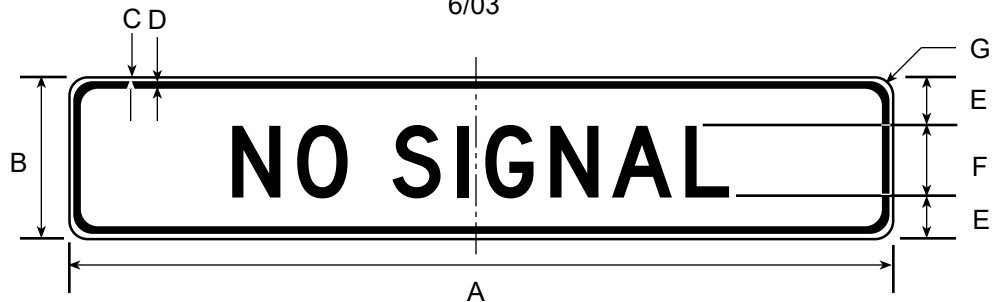


| DIMENSIONS (MILLIMETERS) |     |    |    |    |     |    |
|--------------------------|-----|----|----|----|-----|----|
| A                        | B   | C  | D  | E  | F   | G  |
| 750                      | 225 | 13 | 19 | 75 | 75C | 47 |
| 900                      | 225 | 16 | 22 | 69 | 88C | 56 |

| DIMENSIONS (INCHES) |   |     |     |       |        |       |
|---------------------|---|-----|-----|-------|--------|-------|
| A                   | B | C   | D   | E     | F      | G     |
| 30                  | 9 | 1/2 | 3/4 | 3     | 3C     | 1 7/8 |
| 36                  | 9 | 5/8 | 7/8 | 2 3/4 | 3 1/2C | 2 1/4 |

## W10-10

6/03



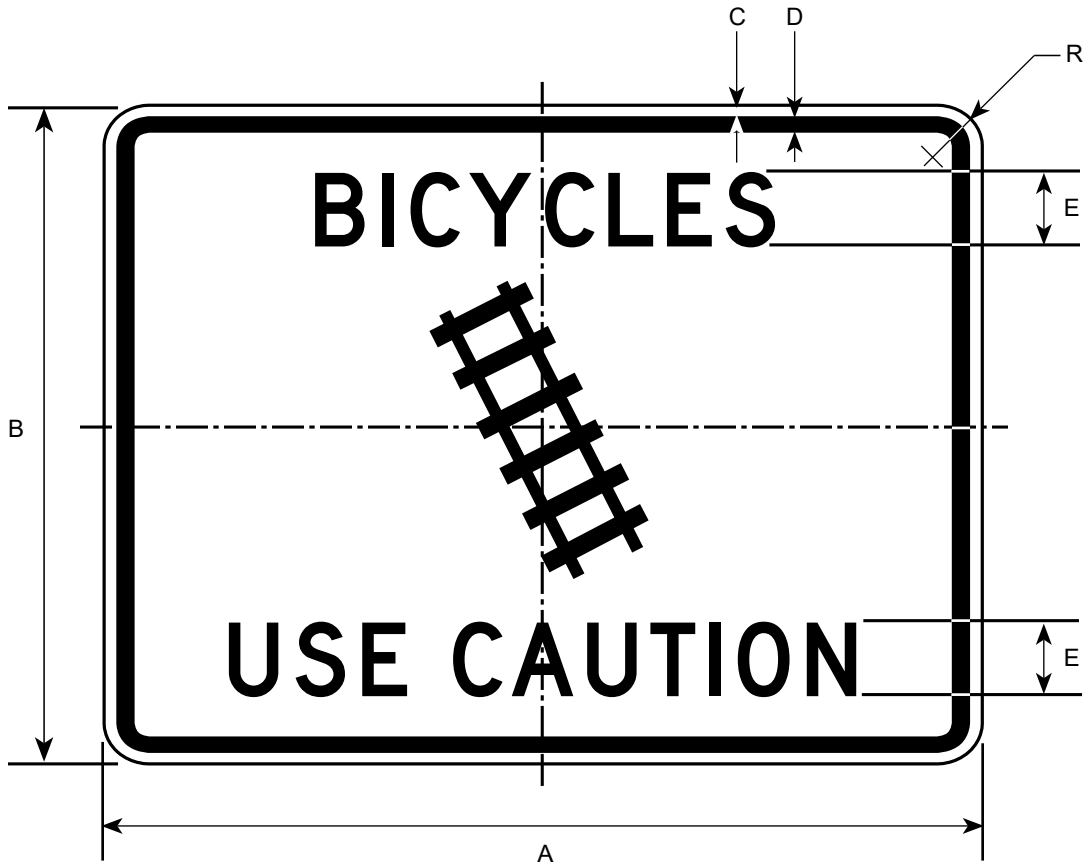
| DIMENSIONS (MILLIMETERS) |     |    |    |    |     |    |
|--------------------------|-----|----|----|----|-----|----|
| A                        | B   | C  | D  | E  | F   | G  |
| 750                      | 225 | 13 | 19 | 75 | 75D | 47 |
| 900                      | 225 | 16 | 22 | 69 | 88D | 56 |

| DIMENSIONS (INCHES) |   |     |     |       |        |       |
|---------------------|---|-----|-----|-------|--------|-------|
| A                   | B | C   | D   | E     | F      | G     |
| 30                  | 9 | 1/2 | 3/4 | 3     | 3D     | 1 7/8 |
| 36                  | 9 | 5/8 | 7/8 | 2 3/4 | 3 1/2D | 2 1/4 |

COLORS  
 LEGEND - BLACK (NON-REFL)  
 BACKGROUND - YELLOW (REFL)

# W10-101P

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |      |    |
|--------------------------|-----|---|----|------|----|
| A                        | B   | C | D  | E    | R  |
| 600                      | 450 | 9 | 16 | 50-D | 38 |

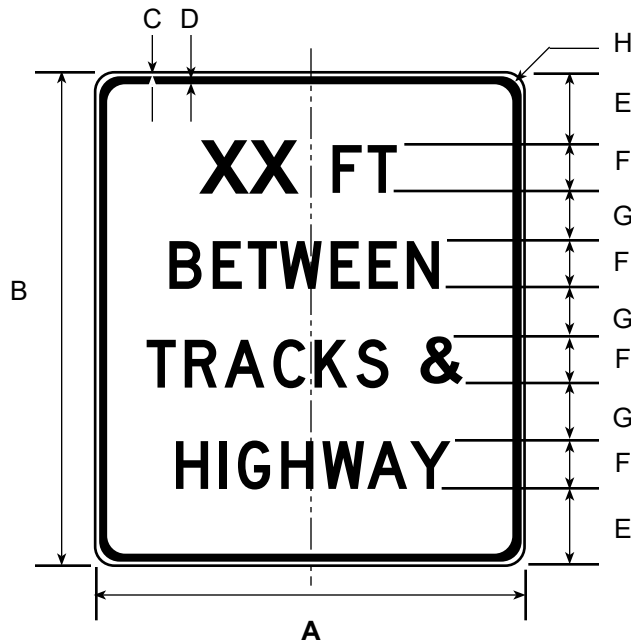
| DIMENSIONS (INCHES) |    |     |     |     |       |
|---------------------|----|-----|-----|-----|-------|
| A                   | B  | C   | D   | E   | R     |
| 24                  | 18 | 3/8 | 5/8 | 2-D | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W10-11A

6/03



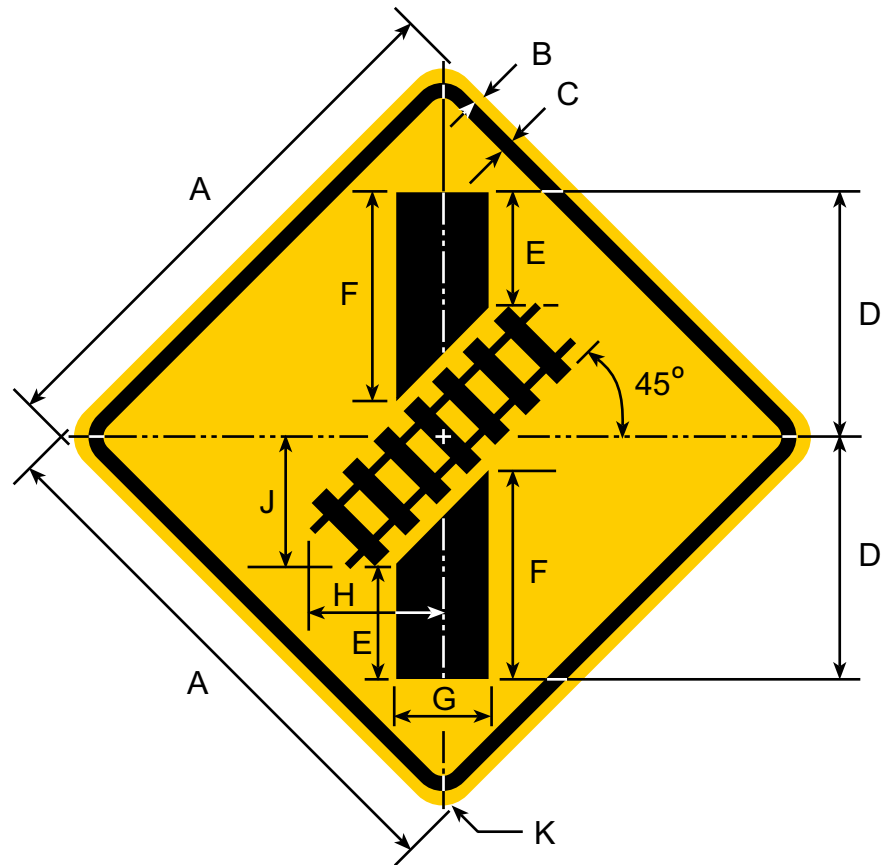
| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |    |    |
|--------------------------|-----|----|----|-----|------|----|----|
| A                        | B   | C  | D  | E   | F    | G  | H  |
| 750                      | 900 | 13 | 19 | 128 | 100C | 81 | 47 |

| DIMENSIONS (INCHES) |     |     |     |       |    |       |       |
|---------------------|-----|-----|-----|-------|----|-------|-------|
| A                   | B   | C   | D   | E     | F  | G     | H     |
| 30                  | 360 | 1/2 | 3/4 | 5 1/8 | 4C | 3 1/4 | 1 7/8 |

COLORS  
 LEGEND - BLACK (NON-REFL)  
 BACKGROUND - YELLOW (REFL)

# W10-12

4/06



DIMENSIONS (MILLIMETERS)

| A    | B  | C  | D   | E   | F   | G   | H   | J   | K  |
|------|----|----|-----|-----|-----|-----|-----|-----|----|
| 750  | 13 | 19 | 360 | 160 | 284 | 125 | 205 | 207 | 47 |
| 900  | 16 | 22 | 432 | 191 | 341 | 150 | 246 | 248 | 56 |
| 1200 | 19 | 31 | 577 | 254 | 454 | 200 | 328 | 331 | 75 |

DIMENSIONS (INCHES)

| A  | B   | C     | D        | E        | F        | G | H       | J       | K     |
|----|-----|-------|----------|----------|----------|---|---------|---------|-------|
| 30 | 1/2 | 3/4   | 14 13/32 | 6 3/8    | 11 3/8   | 5 | 8 13/64 | 8 9/32  | 1 7/8 |
| 36 | 5/8 | 7/8   | 17 9/32  | 7 41/64  | 13 21/32 | 6 | 9 27/32 | 9 59/64 | 2 1/4 |
| 48 | 3/4 | 1 1/4 | 23 1/16  | 10 11/64 | 18 11/64 | 8 | 13 1/8  | 13 1/4  | 3     |

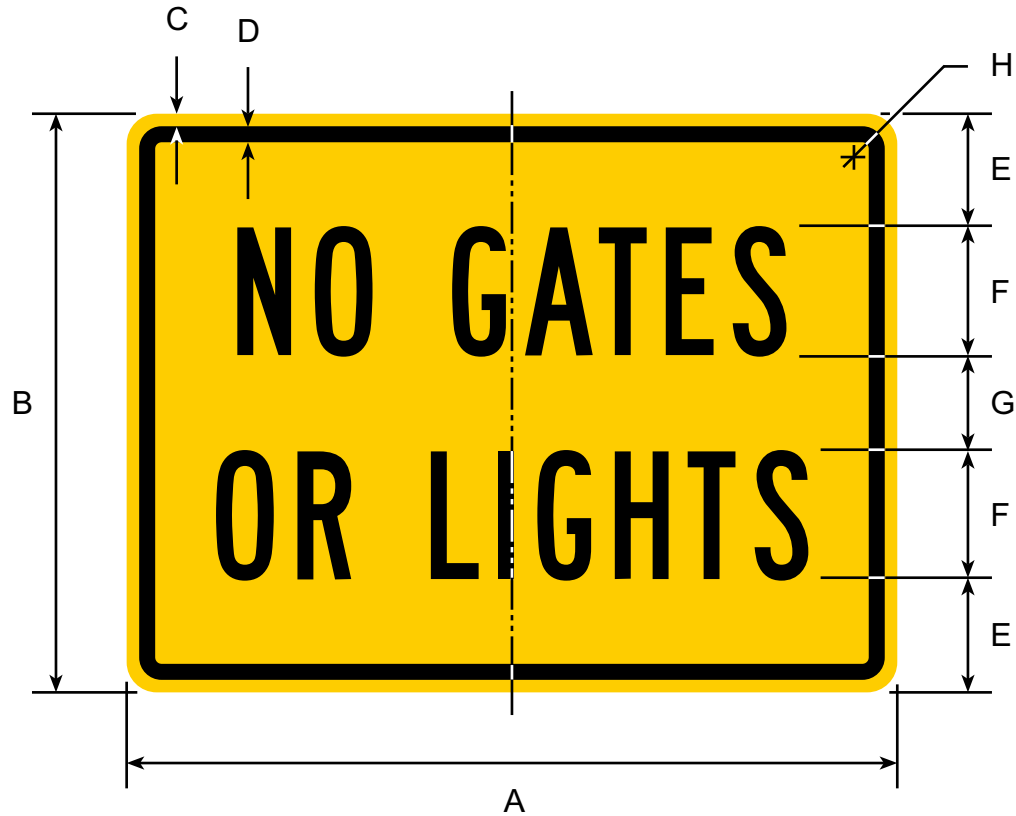
## COLORS

SYMBOL & BORDER - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)



# W10-13

5/06



| DIMENSIONS (MILLIMETERS) |     |   |    |    |      |    |    |
|--------------------------|-----|---|----|----|------|----|----|
| A                        | B   | C | D  | E  | F    | G  | H  |
| 600                      | 450 | 9 | 16 | 88 | 100B | 75 | 38 |

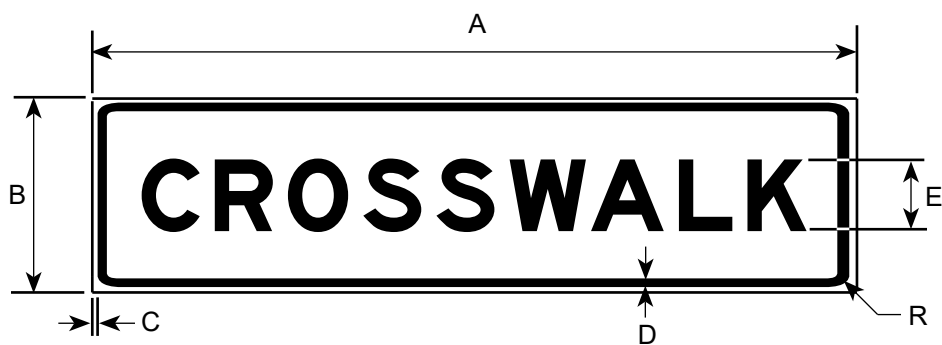
| DIMENSIONS (INCHES) |    |     |     |       |    |   |       |
|---------------------|----|-----|-----|-------|----|---|-------|
| A                   | B  | C   | D   | E     | F  | G | H     |
| 24                  | 18 | 3/8 | 5/8 | 3 1/2 | 4B | 3 | 1 1/2 |

## COLORS

LEGEND & BORDER - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W11A-301

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |       |    |
|--------------------------|-----|----|----|-------|----|
| A                        | B   | C  | D  | E     | F  |
| 2400                     | 600 | 13 | 19 | 250-E | 50 |

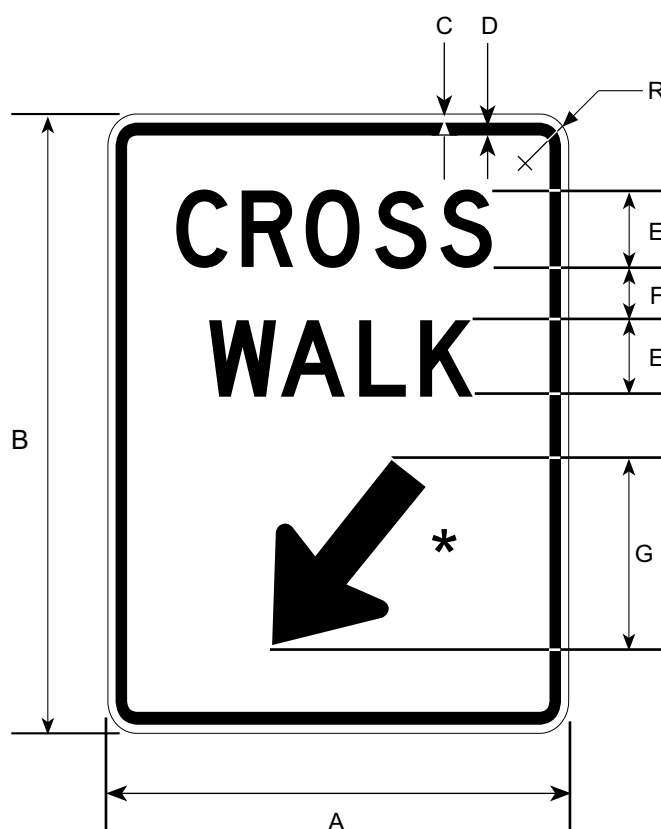
| DIMENSIONS (INCHES) |    |     |     |      |   |
|---------------------|----|-----|-----|------|---|
| A                   | B  | C   | D   | E    | R |
| 96                  | 24 | 1/2 | 3/4 | 10-E | 2 |

## COLORS

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

# W11A-401

11/97



\* SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |      |    |    |       |     |           |    |
|--------------------------|------|----|----|-------|-----|-----------|----|
| A                        | B    | C  | D  | E     | F   | G         | R  |
| 600                      | 750  | 9  | 16 | 100-D | 75  | 150 × 225 | 38 |
| 900                      | 1200 | 16 | 22 | 150-D | 125 | 231 × 250 | 56 |

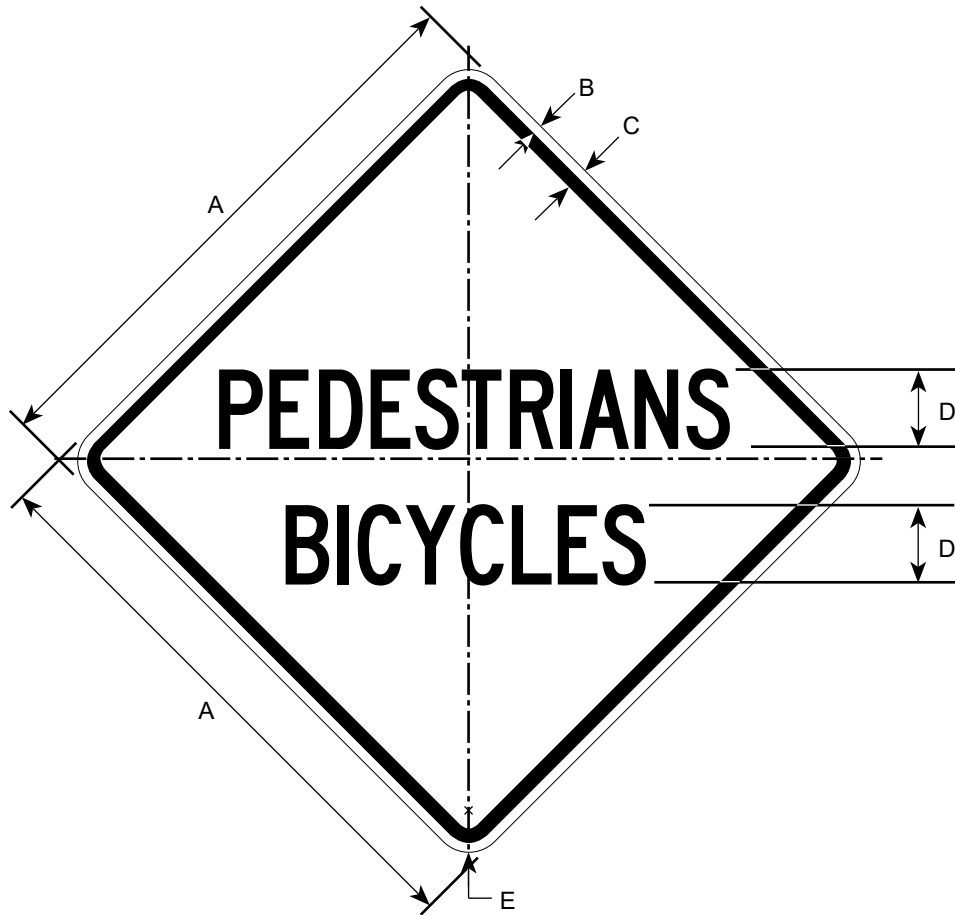
| DIMENSIONS (INCHES) |    |     |     |     |   |            |       |
|---------------------|----|-----|-----|-----|---|------------|-------|
| A                   | B  | C   | D   | E   | F | G          | R     |
| 24                  | 30 | 3/8 | 5/8 | 4-D | 3 | 6 × 9      | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8 | 6-D | 5 | 8 1/2 × 10 | 1 7/8 |

## COLORS

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

# W11A-501

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |
|--------------------------|----|----|------|----|
| A                        | B  | C  | D    | E  |
| 900                      | 16 | 22 | 125C | 56 |
| 1200                     | 19 | 31 | 150C | 75 |

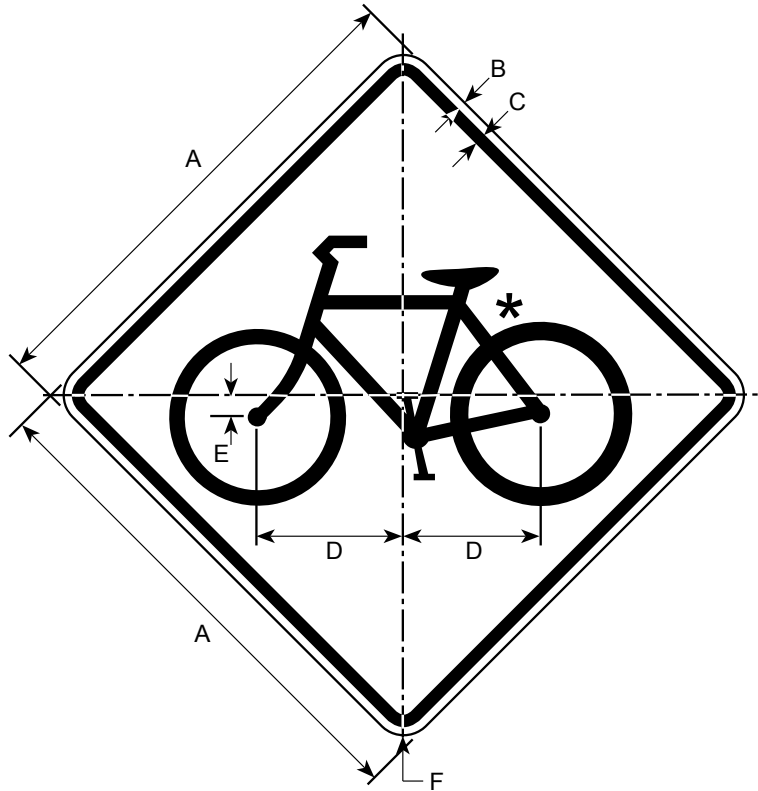
| DIMENSIONS (INCHES) |     |       |    |       |
|---------------------|-----|-------|----|-------|
| A                   | B   | C     | D  | E     |
| 36                  | 5/8 | 7/8   | 5C | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 6C | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W11-1

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |    |    |     |    |    |
|--------------------------|----|----|-----|----|----|
| A                        | B  | C  | D   | E  | F  |
| 600                      | 9  | 16 | 167 | 21 | 38 |
| 750                      | 13 | 19 | 213 | 25 | 47 |
| 900                      | 16 | 22 | 250 | 46 | 56 |
| 1200                     | 19 | 31 | 334 | 41 | 75 |

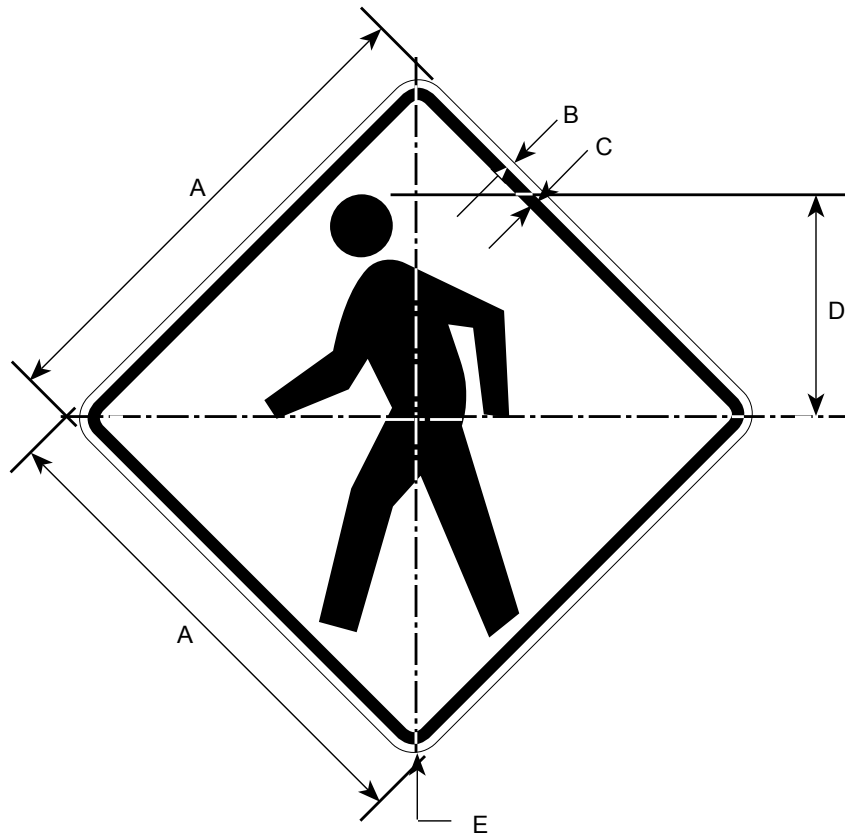
| DIMENSIONS (INCHES) |     |       |        |        |       |
|---------------------|-----|-------|--------|--------|-------|
| A                   | B   | C     | D      | E      | F     |
| 24                  | 3/8 | 5/8   | 6      | 13/16  | 1 1/2 |
| 30                  | 1/2 | 3/4   | 8 1/2  | 1      | 1 7/8 |
| 36                  | 5/8 | 7/8   | 10     | 1 3/16 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 13 3/8 | 1 5/8  | 3     |

## COLORS

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

# W11-2

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |    |    |     |    |
|--------------------------|----|----|-----|----|
| A                        | B  | C  | D   | E  |
| 600                      | 9  | 16 | 275 | 38 |
| 750                      | 13 | 19 | 338 | 47 |
| 900                      | 16 | 22 | 400 | 56 |
| 1200                     | 19 | 31 | 550 | 75 |

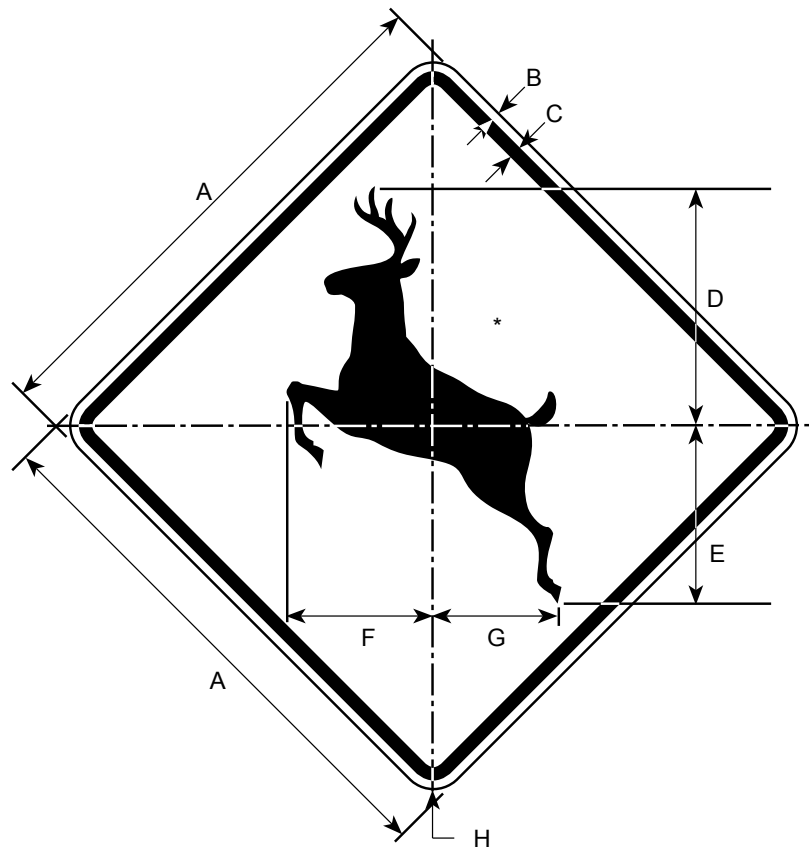
| DIMENSIONS (INCHES) |     |       |        |       |
|---------------------|-----|-------|--------|-------|
| A                   | B   | C     | D      | E     |
| 24                  | 3/8 | 5/8   | 1      | 1 1/2 |
| 30                  | 1/2 | 3/4   | 13 1/2 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 16     | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 22     | 3     |

## COLORS

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

# W11-3

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

## DIMENSIONS (MILLIMETERS)

| A    | B  | C  | D   | E   | F   | G   | H  |
|------|----|----|-----|-----|-----|-----|----|
| 600  | 9  | 16 | 266 | 197 | 163 | 147 | 38 |
| 750  | 13 | 19 | 338 | 250 | 206 | 188 | 47 |
| 900  | 16 | 22 | 406 | 300 | 247 | 225 | 56 |
| 1200 | 19 | 31 | 531 | 394 | 325 | 294 | 75 |

## DIMENSIONS (INCHES)

| A  | B   | C     | D      | E      | F     | G     | H     |
|----|-----|-------|--------|--------|-------|-------|-------|
| 24 | 3/8 | 5/8   | 10 5/8 | 7 7/8  | 6 1/2 | 5 7/8 | 1 1/2 |
| 30 | 1/2 | 3/4   | 13 1/2 | 10     | 7 1/2 | 7 1/2 | 1 7/8 |
| 36 | 5/8 | 7/8   | 16 1/4 | 12     | 9 7/8 | 9     | 2 1/4 |
| 48 | 3/4 | 1 1/4 | 21 1/4 | 15 3/4 | 11    | 11    | 3     |

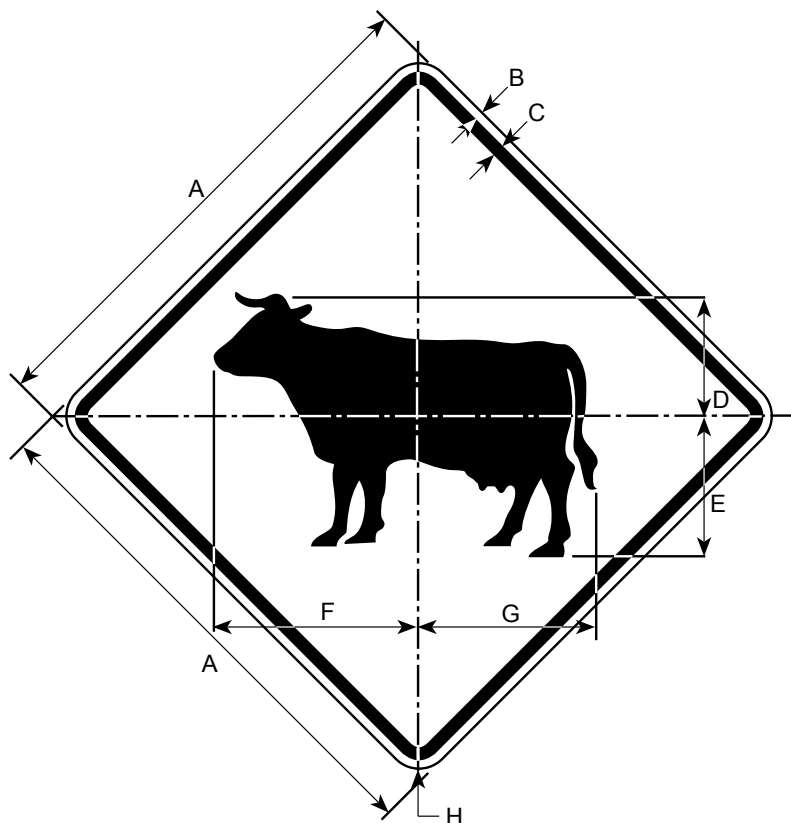
## COLORS

LEGEND - BLACK (NON-REFL.)

BACKGROUND - YELLOW (REFL.)

# W11-4

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |     |    |
|--------------------------|----|----|-----|-----|-----|-----|----|
| A                        | B  | C  | D   | E   | F   | G   | H  |
| 600                      | 9  | 16 | 122 | 158 | 231 | 208 | 38 |
| 750                      | 13 | 19 | 150 | 200 | 294 | 263 | 47 |
| 900                      | 16 | 22 | 181 | 241 | 353 | 316 | 56 |
| 1200                     | 19 | 31 | 238 | 316 | 463 | 416 | 75 |

| DIMENSIONS (INCHES) |     |       |       |        |        |        |       |
|---------------------|-----|-------|-------|--------|--------|--------|-------|
| A                   | B   | C     | D     | E      | F      | G      | H     |
| 24                  | 3/8 | 5/8   | 4 3/4 | 6 5/16 | 9 1/4  | 8 5/16 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 6     | 8      | 11     | 10 1/2 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 7 1/4 | 9 5/8  | 14 1/8 | 12 5/8 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 9 1/2 | 12 5/8 | 18 1/2 | 16 5/8 | 3     |

## COLORS

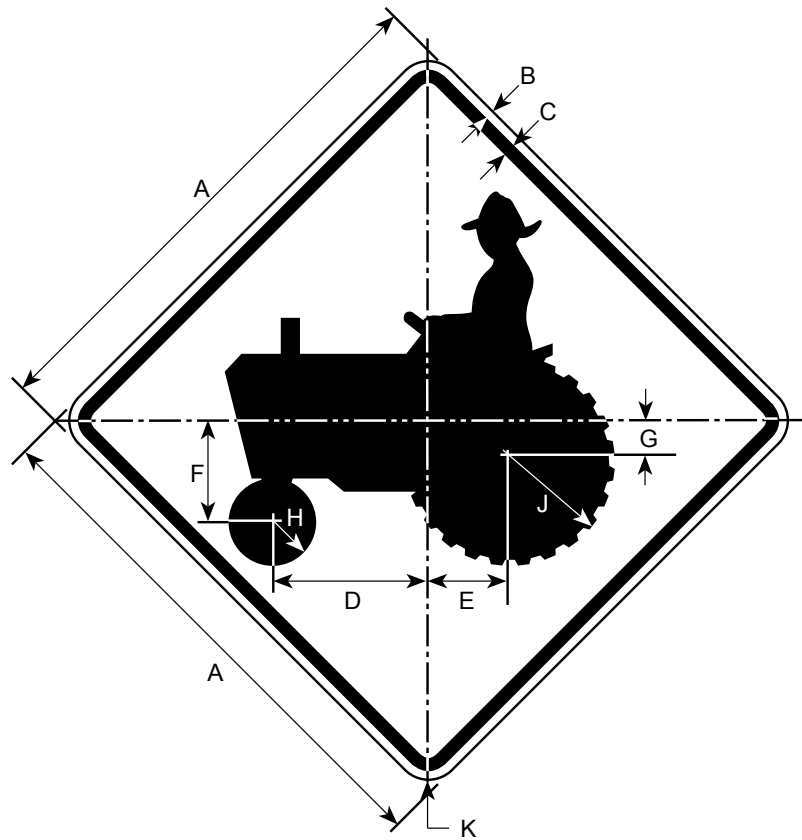
LEGEND - BLACK (NON-REFL.)

BACKGROUND - YELLOW (REFL.)



# W11-5

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN DETAILS

| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |    |     |     |    |
|--------------------------|----|----|-----|-----|-----|----|-----|-----|----|
| A                        | B  | C  | D   | E   | F   | G  | H   | J   | K  |
| 600                      | 9  | 16 | 172 | 94  | 109 | 34 | 50  | 11  | 38 |
| 750                      | 13 | 19 | 219 | 11  | 138 | 44 | 63  | 150 | 47 |
| 900                      | 16 | 22 | 263 | 144 | 166 | 35 | 75  | 181 | 56 |
| 1200                     | 19 | 31 | 344 | 188 | 219 | 69 | 100 | 238 | 75 |

| DIMENSIONS (INCHES) |     |       |        |       |       |       |       |       |       |
|---------------------|-----|-------|--------|-------|-------|-------|-------|-------|-------|
| A                   | B   | C     | D      | E     | F     | G     | H     | J     | K     |
| 18                  | 3/8 | 5/8   | 5/8    | 3 3/4 | 4 3/8 | 1 3/8 | 2     | 4 3/4 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 3/4    | 4 3/4 | 5 1/2 | 1 3/4 | 2 1/2 | 6     | 1 7/8 |
| 36                  | 5/8 | 7/8   | 10 1/2 | 5 3/4 | 6 5/8 | 2 1/8 | 3     | 7 1/4 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 13 3/4 | 7 1/2 | 8 3/4 | 2 3/4 | 4     | 9 1/2 | 3     |

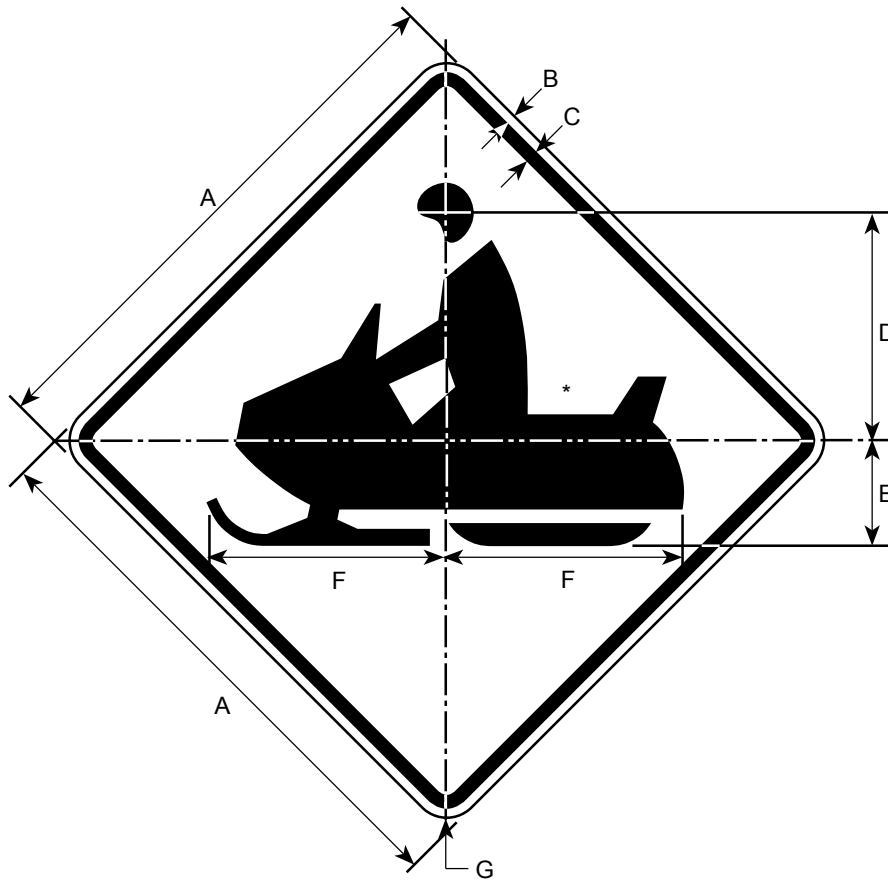
## COLORS

LEGEND - BLACK (NON-REFL.)

BACKGROUND - YELLOW (REFL.)

# W11-6

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |    |
|--------------------------|----|----|-----|-----|-----|----|
| A                        | B  | C  | D   | E   | F   | G  |
| 600                      | 9  | 16 | 236 | 11  | 255 | 38 |
| 750                      | 13 | 19 | 286 | 139 | 317 | 47 |
| 900                      | 16 | 22 | 353 | 172 | 381 | 56 |

| DIMENSIONS (INCHES) |     |     |        |        |         |       |
|---------------------|-----|-----|--------|--------|---------|-------|
| A                   | B   | C   | D      | E      | F       | G     |
| 24                  | 3/8 | 5/8 | 9 7/16 | 4 7/16 | 10 3/16 | 1 1/2 |
| 30                  | 1/2 | 3/4 | 11     | 5 9/16 | 12      | 1 7/8 |
| 36                  | 5/8 | 7/8 | 14 1/8 | 6 3/4  | 15 1/4  | 2 1/4 |

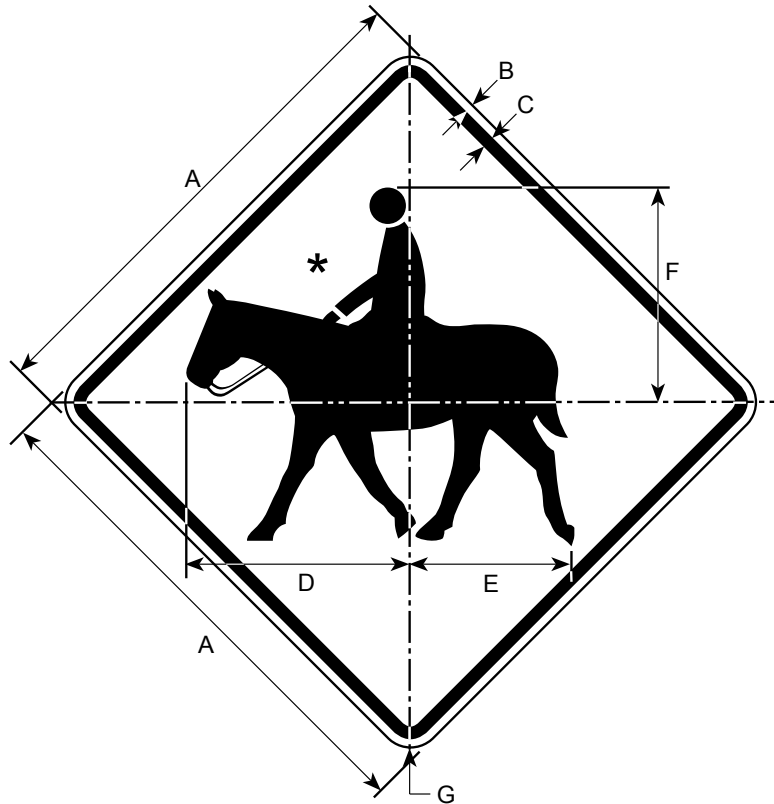
## COLORS

LEGEND - BLACK (NON-REFL.)

BACKGROUND - YELLOW (REFL.)

# W11-7

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |    |
|--------------------------|----|----|-----|-----|-----|----|
| A                        | B  | C  | D   | E   | F   | G  |
| 600                      | 9  | 16 | 263 | 200 | 266 | 38 |
| 750                      | 13 | 19 | 325 | 250 | 325 | 47 |
| 900                      | 16 | 22 | 388 | 300 | 391 | 56 |
| 1200                     | 19 | 31 | 525 | 400 | 525 | 75 |

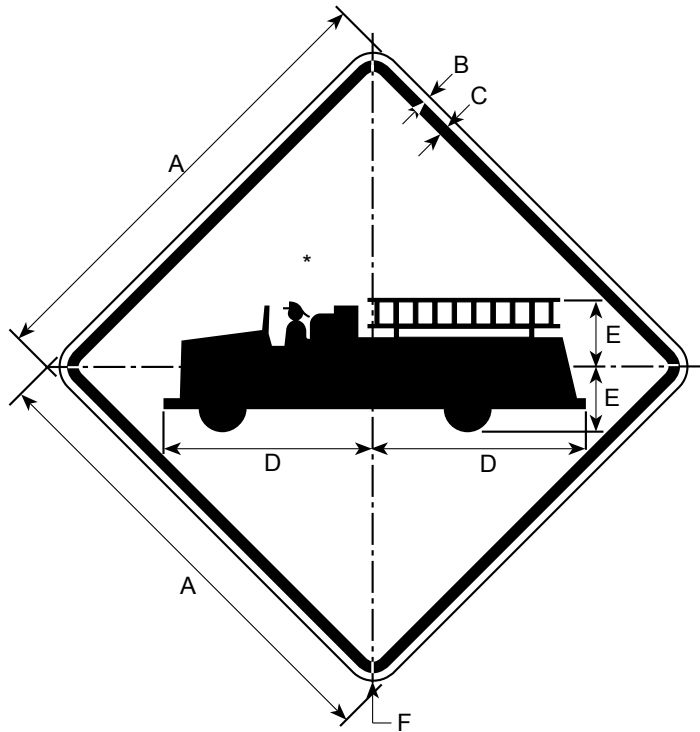
| DIMENSIONS (INCHES) |     |       |        |    |        |       |
|---------------------|-----|-------|--------|----|--------|-------|
| A                   | B   | C     | D      | E  | F      | G     |
| 24                  | 3/8 | 5/8   | 10 1/2 | 8  | 10 5/8 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 13     | 10 | 13     | 1 7/8 |
| 36                  | 5/8 | 7/8   | 15 1/2 | 12 | 15 5/8 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 21     | 16 | 21     | 3     |

## COLORS

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

# W11-8

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |    |    |     |     |    |
|--------------------------|----|----|-----|-----|----|
| A                        | B  | C  | D   | E   | F  |
| 750                      | 13 | 19 | 344 | 109 | 47 |
| 900                      | 16 | 22 | 413 | 131 | 56 |
| 1200                     | 19 | 31 | 550 | 175 | 75 |

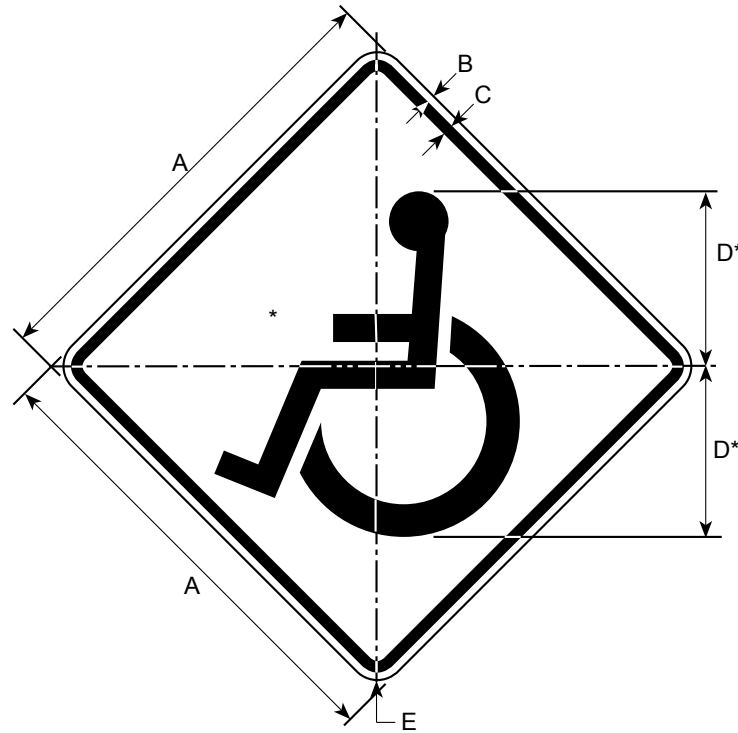
| DIMENSIONS (INCHES) |     |       |        |       |       |
|---------------------|-----|-------|--------|-------|-------|
| A                   | B   | C     | D      | E     | F     |
| 30                  | 1/2 | 3/4   | 13 3/4 | 4 3/8 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 16 1/2 | 5 1/4 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 22     | 7     | 3     |

## COLORS

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

# W11-9

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |    |    |     |    |
|--------------------------|----|----|-----|----|
| A                        | B  | C  | D   | E  |
| 750                      | 13 | 19 | 281 | 47 |
| 900                      | 16 | 22 | 338 | 56 |
| 1200                     | 22 | 31 | 450 | 75 |

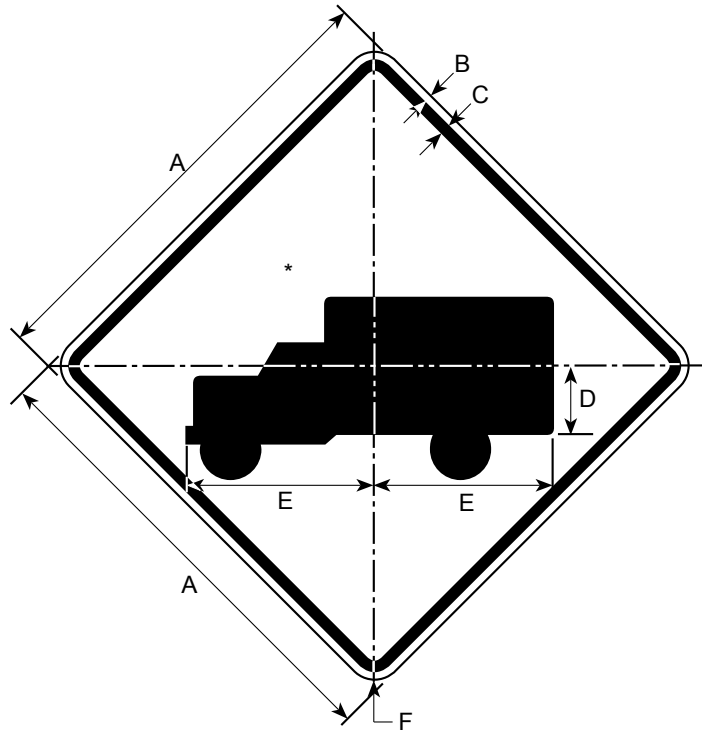
| DIMENSIONS (INCHES) |     |       |        |       |
|---------------------|-----|-------|--------|-------|
| A                   | B   | C     | D      | E     |
| 30                  | 1/2 | 3/4   | 11     | 1 7/8 |
| 36                  | 5/8 | 7/8   | 13 1/2 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 18     | 3     |

## COLORS

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

# W11-10

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |    |    |     |     |    |
|--------------------------|----|----|-----|-----|----|
| A                        | B  | C  | D   | E   | F  |
| 750                      | 13 | 19 | 225 | 300 | 47 |
| 900                      | 16 | 22 | 250 | 350 | 56 |
| 1200                     | 19 | 31 | 350 | 475 | 75 |

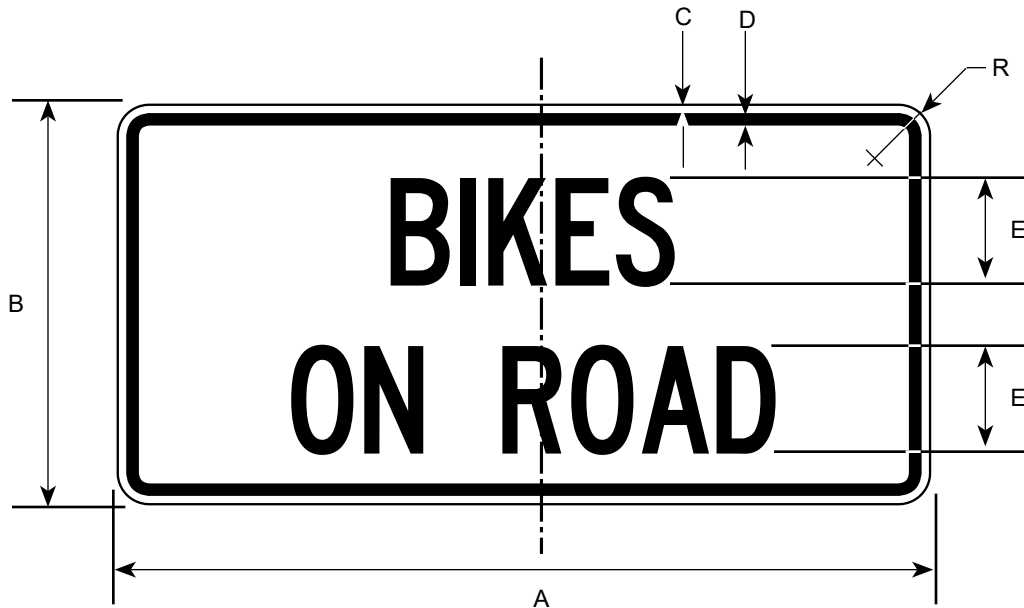
| DIMENSIONS (INCHES) |     |       |    |    |       |
|---------------------|-----|-------|----|----|-------|
| A                   | B   | C     | D  | E  | F     |
| 30                  | 1/2 | 3/4   | 9  | 12 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 10 | 14 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 14 | 19 | 3     |

## COLORS

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

# W11-101

3/98



| DIMENSIONS (MILLIMETERS) |     |   |    |      |    |
|--------------------------|-----|---|----|------|----|
| A                        | B   | C | D  | E    | R  |
| 750                      | 450 | 9 | 16 | 125C | 38 |

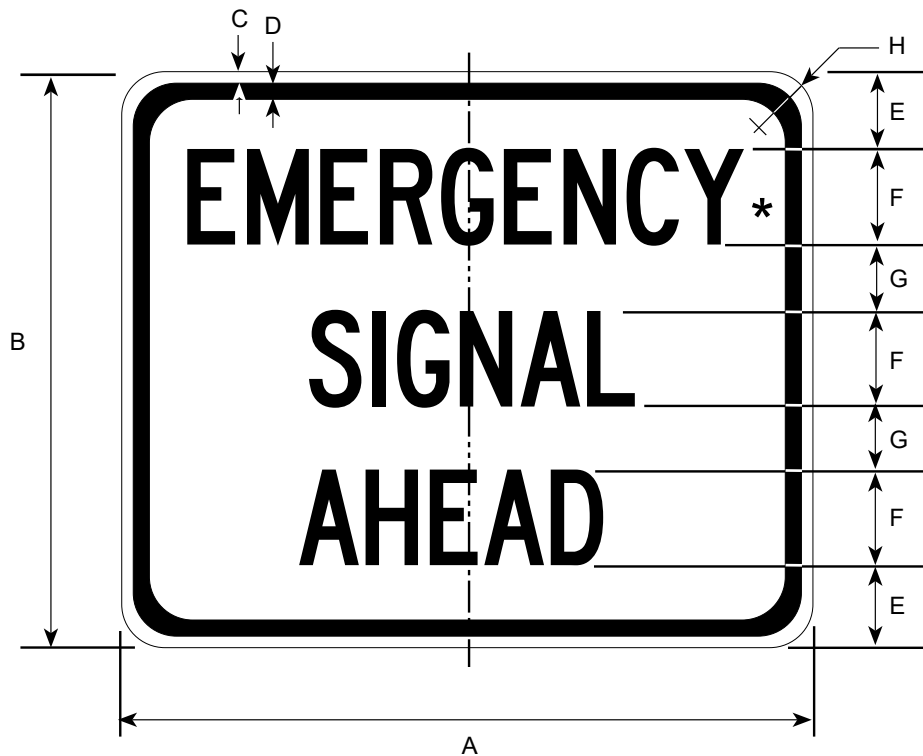
| DIMENSIONS (INCHES) |    |     |     |    |       |
|---------------------|----|-----|-----|----|-------|
| A                   | B  | C   | D   | E  | R     |
| 30                  | 18 | 3/8 | 5/8 | 5C | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W11-12P

9/03



\* - 30% REDUCE SPACING

| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |    |    |
|--------------------------|-----|----|----|-----|------|----|----|
| A                        | B   | C  | D  | E   | F    | G  | H  |
| 600                      | 450 | 9  | 16 | 75  | 75C  | 38 | 38 |
| 750                      | 600 | 13 | 19 | 100 | 100C | 50 | 47 |
| 900                      | 750 | 13 | 19 | 113 | 5C * | 75 | 56 |

| DIMENSIONS (INCHES) |    |     |     |       |      |       |       |
|---------------------|----|-----|-----|-------|------|-------|-------|
| A                   | B  | C   | D   | E     | F    | G     | H     |
| 24                  | 18 | 3/8 | 5/8 | 3     | 3C   | 1 1/2 | 1 1/2 |
| 30                  | 24 | 1/2 | 3/4 | 4     | 4C   | 2     | 1 7/8 |
| 36                  | 30 | 1/2 | 3/4 | 4 1/2 | 5C * | 3     | 2 1/4 |

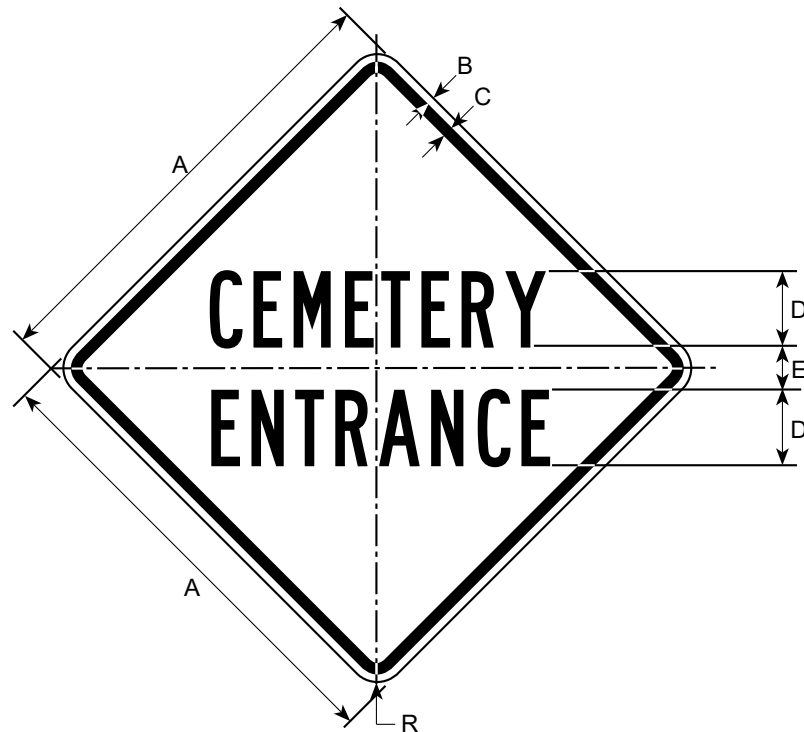
## COLORS

LEGEND - BLACK (NON REFL)  
BACKGROUND - YELLOW (REFL)



# W11-1301

11/97



| DIMENSIONS (MILLIMETERS) |    |    |       |     |    |
|--------------------------|----|----|-------|-----|----|
| A                        | B  | C  | D     | E   | R  |
| 600                      | 9  | 16 | 100-B | 75  | 38 |
| 750                      | 13 | 19 | 125-B | 94  | 47 |
| 900                      | 16 | 22 | 150-B | 11  | 56 |
| 1200                     | 19 | 31 | 200-B | 150 | 75 |

| DIMENSIONS (INCHES) |     |       |     |       |       |
|---------------------|-----|-------|-----|-------|-------|
| A                   | B   | C     | D   | E     | R     |
| 24                  | 3/8 | 5/8   | 4-B | 3     | 1 1/2 |
| 30                  | 1/2 | 3/4   | 5-B | 3 3/4 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6-B | 4 1/2 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8-B | 6     | 3     |

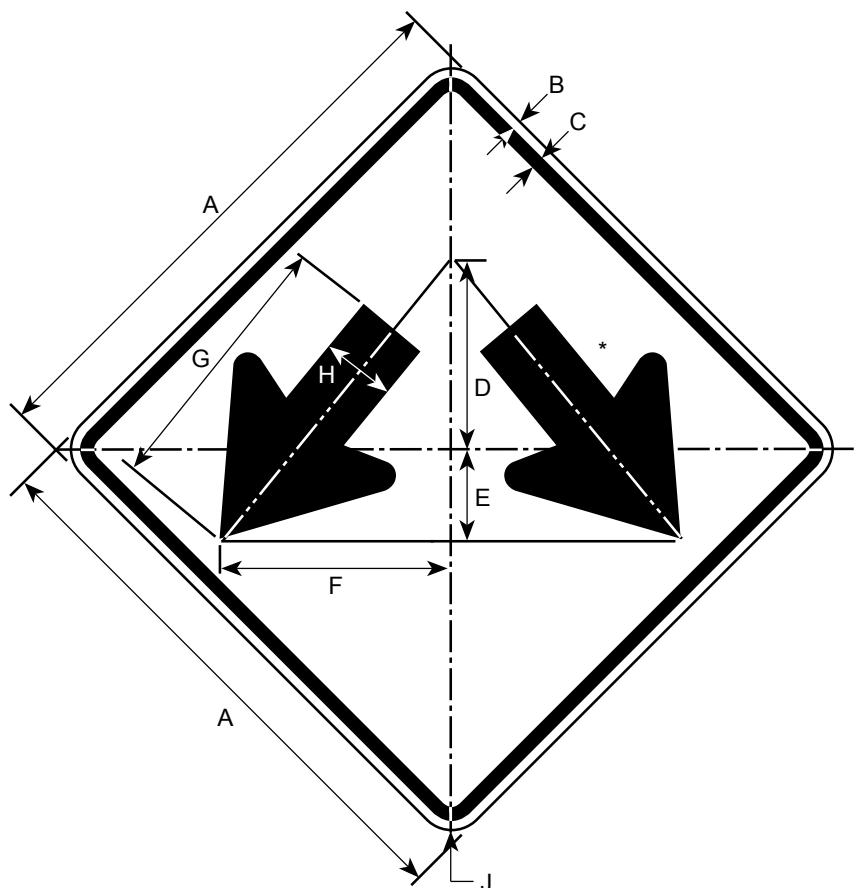
## COLORS

LEGEND - BLACK (NON-REFL.)

BACKGROUND - YELLOW (REFL.)

# W12-1

11/97



\* SEE APPENDIX FOR STANDARD ARROW

| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |     |     |    |
|--------------------------|----|----|-----|-----|-----|-----|-----|----|
| A                        | B  | C  | D   | E   | F   | G   | H   | J  |
| 600                      | 9  | 16 | 200 | 103 | 225 | 291 | 78  | 38 |
| 750                      | 13 | 19 | 250 | 131 | 309 | 367 | 100 | 47 |
| 900                      | 16 | 22 | 300 | 153 | 366 | 438 | 11  | 56 |

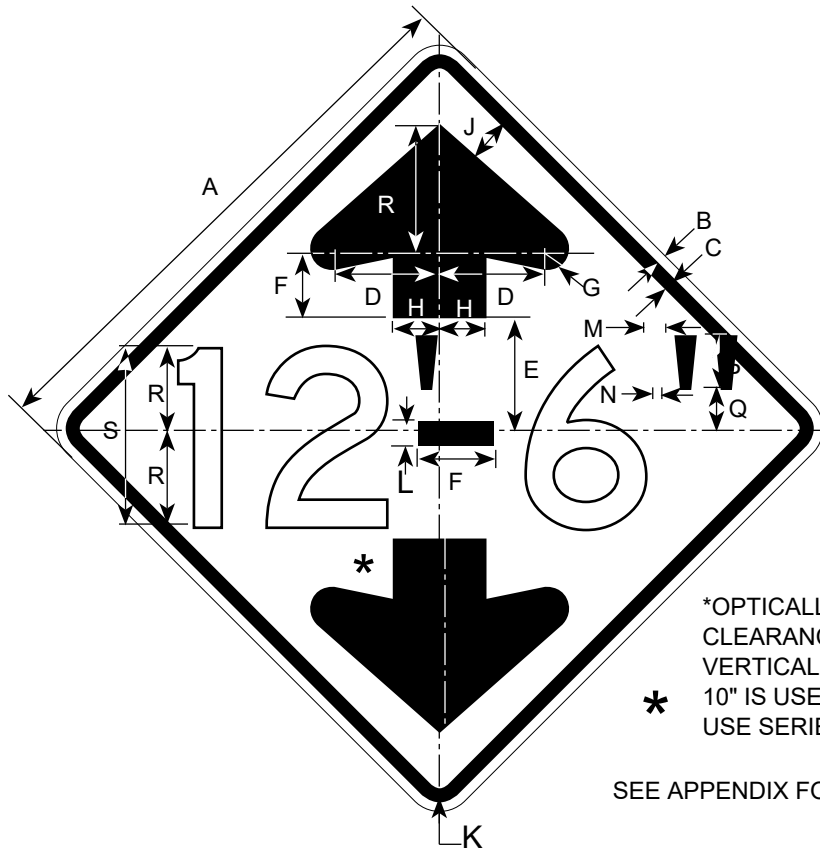
| DIMENSIONS (INCHES) |     |     |    |       |        |        |       |       |
|---------------------|-----|-----|----|-------|--------|--------|-------|-------|
| A                   | B   | C   | D  | E     | F      | G      | H     | J     |
| 24                  | 3/8 | 5/8 | 8  | 4 1/8 | 9 3/4  | 11     | 3 1/8 | 1 1/2 |
| 30                  | 1/2 | 3/4 | 10 | 5 1/4 | 12 3/8 | 14     | 4     | 1 7/8 |
| 36                  | 5/8 | 7/8 | 12 | 6 1/8 | 14 5/8 | 17 1/2 | 4 3/4 | 2 1/4 |

## COLORS

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

# W12-2

11/97



\*OPTICALLY SPACE VERTICAL  
CLEARANCE NUMBERS ABOUT  
VERTICAL CENTERLINE (WHERE  
10" IS USED IN VERT. CLEARANCE,  
USE SERIES "C" NUMERALS)

\*

SEE APPENDIX FOR STANDARD ARROW DETAILS

| DIMENSIONS (MILLIMETERS) |    |    |     |     |     |    |     |    |    |    |    |    |     |     |      |
|--------------------------|----|----|-----|-----|-----|----|-----|----|----|----|----|----|-----|-----|------|
| A                        | B  | C  | D   | E   | F   | G  | H   | K  | L  | M  | N  | P  | Q   | R   | S    |
| 750                      | 13 | 19 | 144 | 166 | 97  | 19 | 56  | 47 | 39 | 25 | 1  | 56 | 83  | 208 | 250D |
| 900                      | 16 | 22 | 172 | 200 | 11  | 25 | 75  | 56 | 47 | 31 | 13 | 69 | 100 | 250 | 300D |
| 1200                     | 19 | 31 | 230 | 266 | 147 | 33 | 100 | 75 | 61 | 41 | 16 | 91 | 131 | 328 | 400D |

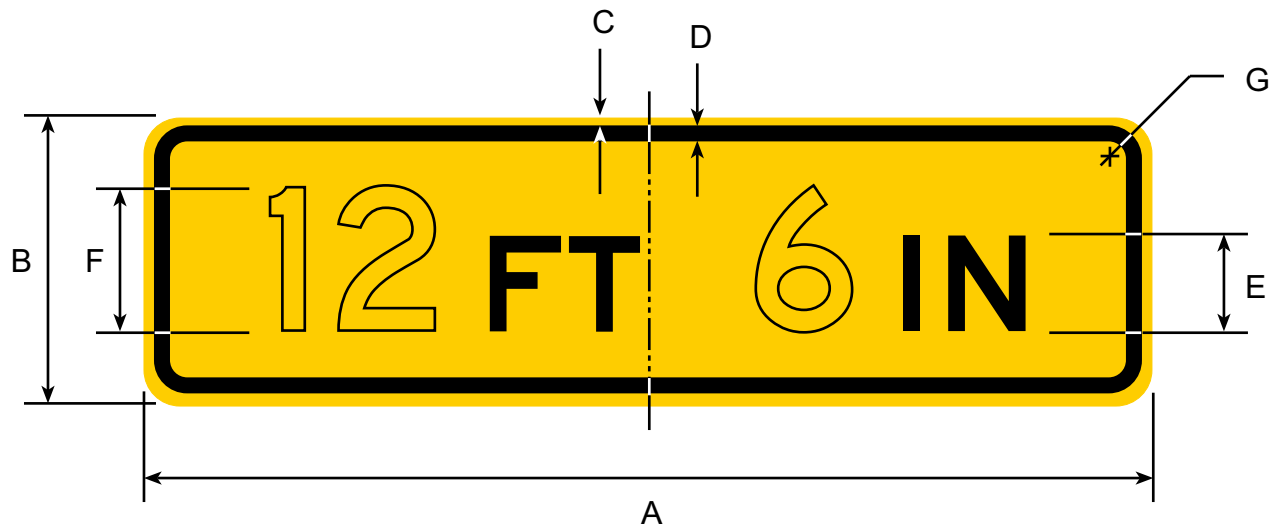
| DIMENSIONS (INCHES) |     |       |        |        |       |         |       |       |       |       |      |       |       |   |     |
|---------------------|-----|-------|--------|--------|-------|---------|-------|-------|-------|-------|------|-------|-------|---|-----|
| A                   | B   | C     | D      | E      | F     | G       | H     | K     | L     | M     | N    | P     | Q     | R | S   |
| 30                  | 1/2 | 3/4   | 5 3/4  | 6 5/8  | 3 3/4 | 3/4     | 2 1/2 | 1 7/8 | 19/16 | 1     | 7/16 | 2 1/4 | 35/16 | 5 | 10D |
| 36                  | 5/8 | 7/8   | 6 7/8  | 8      | 4 1/2 | 251     | 3     | 2 1/4 | 1 7/8 | 1 1/4 | 1/2  | 2 3/4 | 4     | 6 | 12D |
| 48                  | 3/4 | 1 1/4 | 9 3/16 | 10 5/8 | 5 7/8 | 15 1/16 | 4     | 3     | 27/16 | 1 5/8 | 5/8  | 3 5/8 | 5 1/2 | 8 | 16D |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W12-301

4/06



| DIMENSIONS (MILLIMETERS) |     |    |    |      |      |    |
|--------------------------|-----|----|----|------|------|----|
| A                        | B   | C  | D  | E    | F    | G  |
| 2100                     | 600 | 19 | 31 | 200E | 300E | 75 |

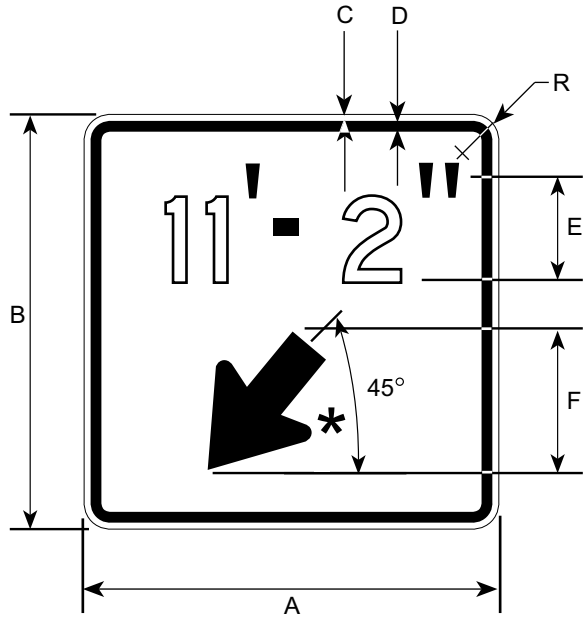
| DIMENSIONS (INCHES) |    |     |       |    |     |   |
|---------------------|----|-----|-------|----|-----|---|
| A                   | B  | C   | D     | E  | F   | G |
| 84                  | 24 | 3/4 | 1 1/4 | 8E | 12E | 3 |

## COLORS

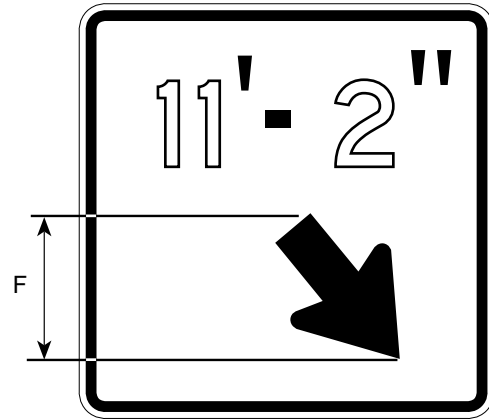
LEGEND & BORDER - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W12-302 L/R

11/97



**W12-302 L**



**W12-302 R**

\* SEE APPENDIX FOR STANDARD ARROW

| DIMENSIONS (MILLIMETERS) |      |    |    |       |       |    |
|--------------------------|------|----|----|-------|-------|----|
| A                        | B    | C  | D  | E     | F     | R  |
| 750                      | 750  | 13 | 19 | 150-D | NO. 2 | 47 |
| 1200                     | 1200 | 19 | 31 | 250-D | NO. 4 | 75 |

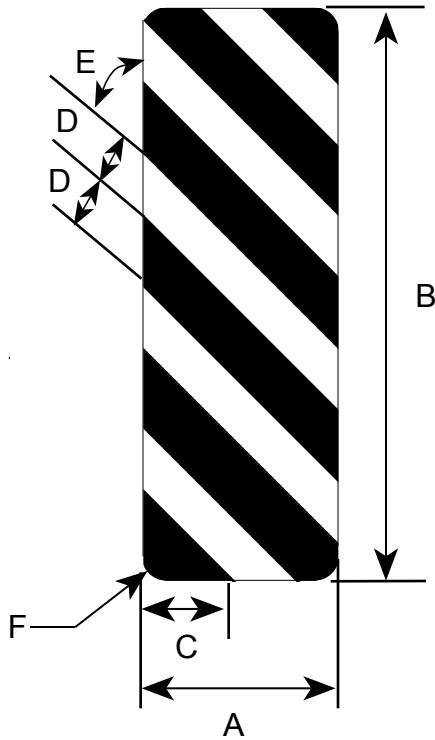
| DIMENSIONS (INCHES) |    |     |       |      |       |       |
|---------------------|----|-----|-------|------|-------|-------|
| A                   | B  | C   | D     | E    | F     | R     |
| 30                  | 30 | 1/2 | 3/4   | 6-D  | NO. 2 | 1 7/8 |
| 48                  | 48 | 3/4 | 1 1/4 | 10-D | NO. 4 | 3     |

## COLORS

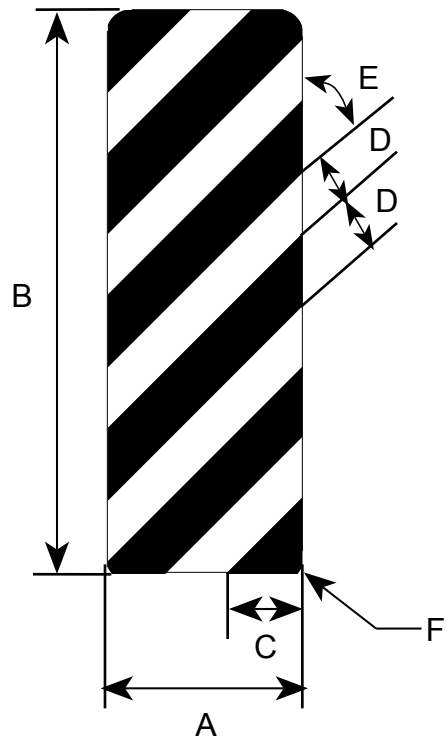
LEGEND - BLACK (NON-REFL.)  
BACKGROUND - YELLOW (REFL.)

# W12-401L/R

11/97



W12-401L



W12-401R

| DIMENSIONS (MILLIMETERS) |     |     |    |     |    |
|--------------------------|-----|-----|----|-----|----|
| A                        | B   | C   | D  | E   | F  |
| 300                      | 900 | 125 | 75 | 45° | 16 |

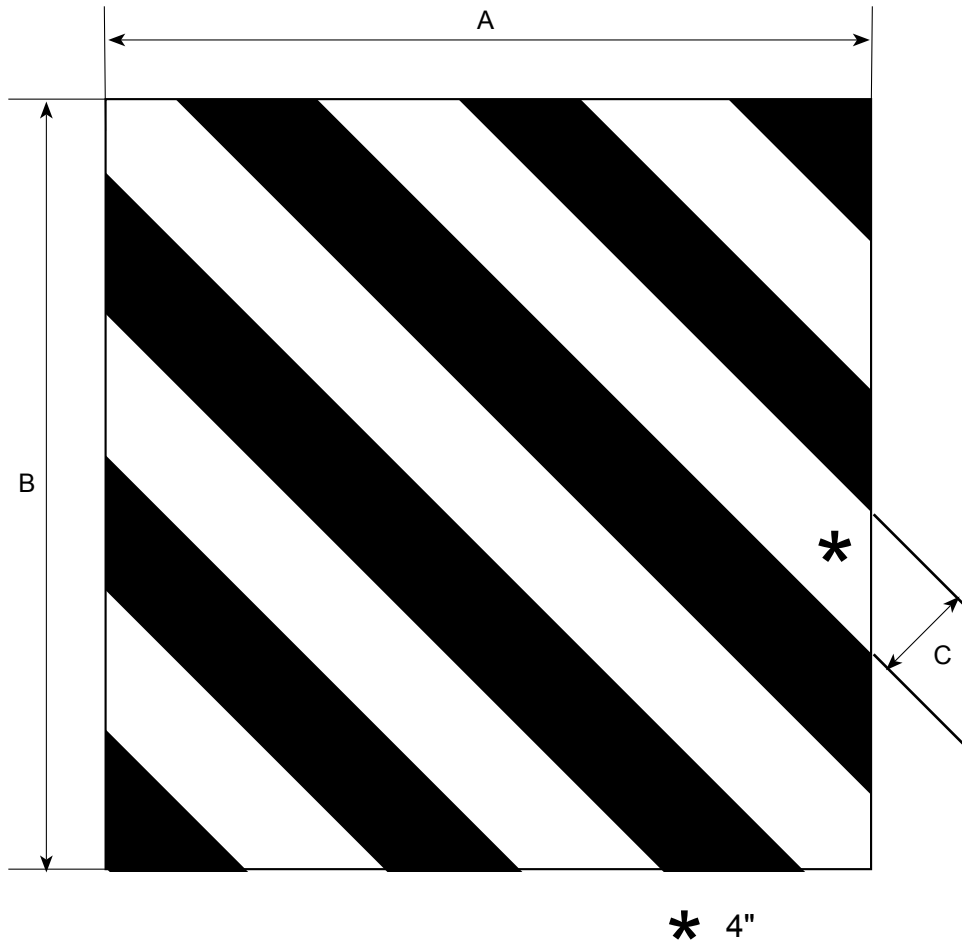
| DIMENSIONS (INCHES) |    |   |   |     |     |
|---------------------|----|---|---|-----|-----|
| A                   | B  | C | D | E   | F   |
| 12                  | 36 | 5 | 3 | 45° | 5/8 |

## COLORS

LEGEND — BLACK (NON-REFL)  
BACKGROUND — YELLOW (REFL)

# W12-501

11/97



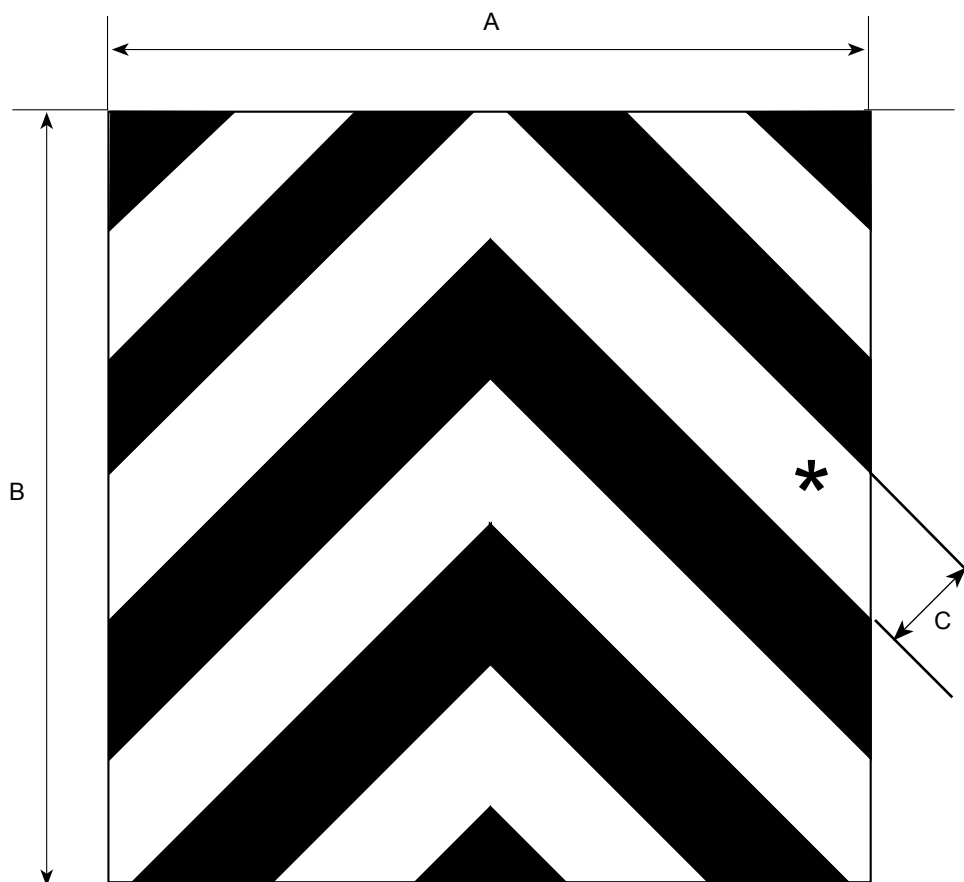
| DIMENSIONS (MILLIMETERS) |    |    |
|--------------------------|----|----|
| A                        | B  | C  |
| 75                       | 75 | 10 |

| DIMENSIONS (INCHES) |    |   |
|---------------------|----|---|
| A                   | B  | C |
| 30                  | 30 | 4 |

COLOR  
LEGEND— BLACK  
BACKGROUND— YELLOW

# W12-502

11/97



\* 4" STRIPE

| DIMENSIONS (MILLIMETERS) |     |     |
|--------------------------|-----|-----|
| A                        | B   | C   |
| 750                      | 750 | 100 |

| DIMENSIONS (INCHES) |    |   |
|---------------------|----|---|
| A                   | B  | C |
| 30                  | 30 | 4 |

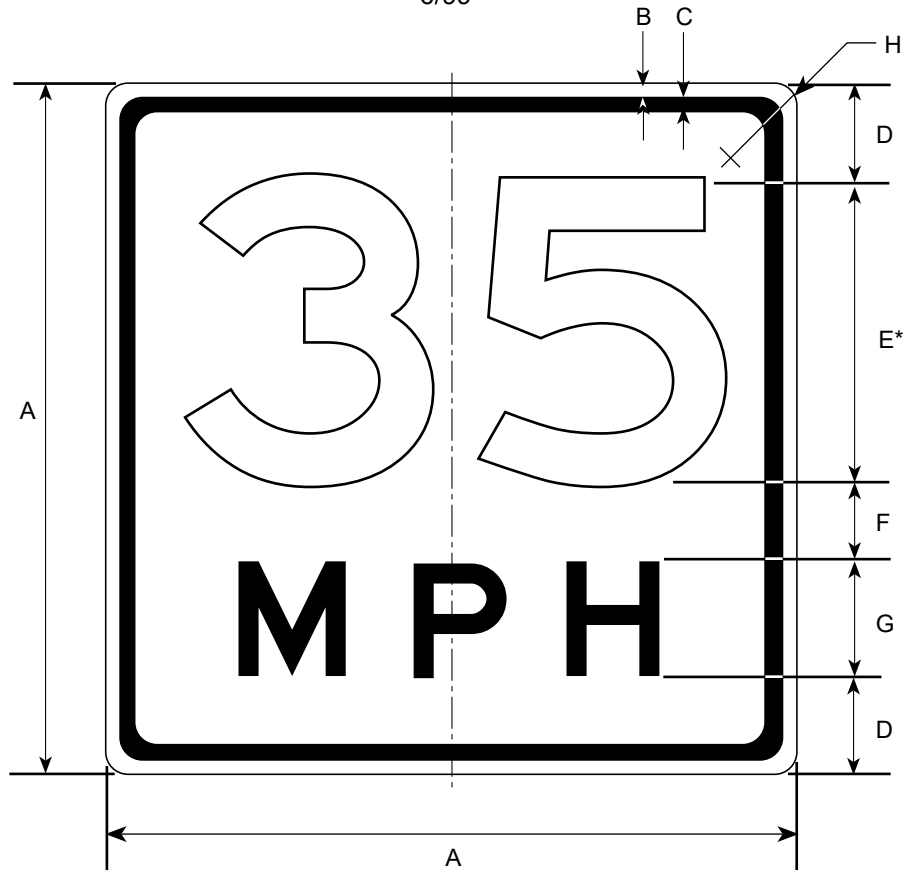
## COLORS

LEGEND— BLACK (NON-REFL)  
BACKGROUND— YELLOW (REFL)



# W13-1

6/99



\* OPTICALLY SPACE NUMBERS ABOUT VERT. CENTERLINE

| DIMENSIONS (MILLIMETERS) |   |    |    |      |    |      |    |
|--------------------------|---|----|----|------|----|------|----|
| A                        | B | C  | D  | E    | F  | G    | H  |
| 450                      | 9 | 9  | 56 | 200E | 50 | 75E  | 38 |
| 600                      | 9 | 16 | 91 | 250E | 56 | 100E | 38 |

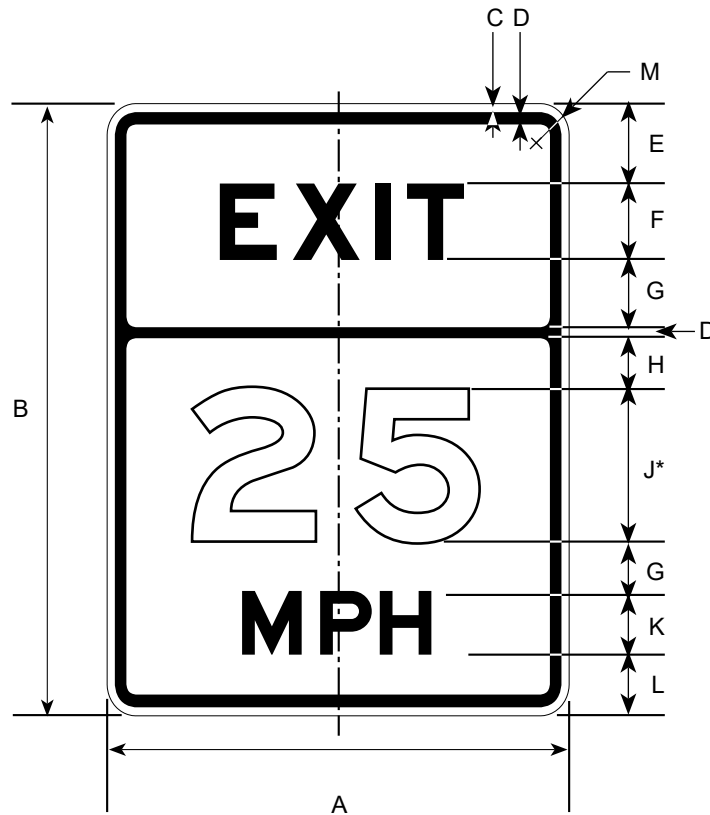
| DIMENSIONS (INCHES) |     |     |       |     |       |    |       |
|---------------------|-----|-----|-------|-----|-------|----|-------|
| A                   | B   | C   | D     | E   | F     | G  | H     |
| 18                  | 3/8 | 3/8 | 2 1/2 | 8E  | 2     | 3E | 1 1/2 |
| 24                  | 3/8 | 5/8 | 3 1/2 | 10E | 2 3/4 | 4E | 1 1/2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W13-2

11/97



\* OPTICALLY SPACE NUMERALS ABOUT VERTICAL CENTERLINE

| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |     |      |      |     |    |
|--------------------------|------|----|----|-----|------|-----|-----|------|------|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H   | J    | K    | L   | M  |
| 600                      | 750  | 16 | 16 | 88  | 100E | 56  | 72  | 200E | 75E  | 75  | 38 |
| 900                      | 1200 | 16 | 22 | 150 | 150E | 100 | 128 | 300E | 100E | 150 | 56 |
| 1200                     | 1500 | 19 | 31 | 175 | 200E | 125 | 144 | 400E | 258  | 150 | 75 |

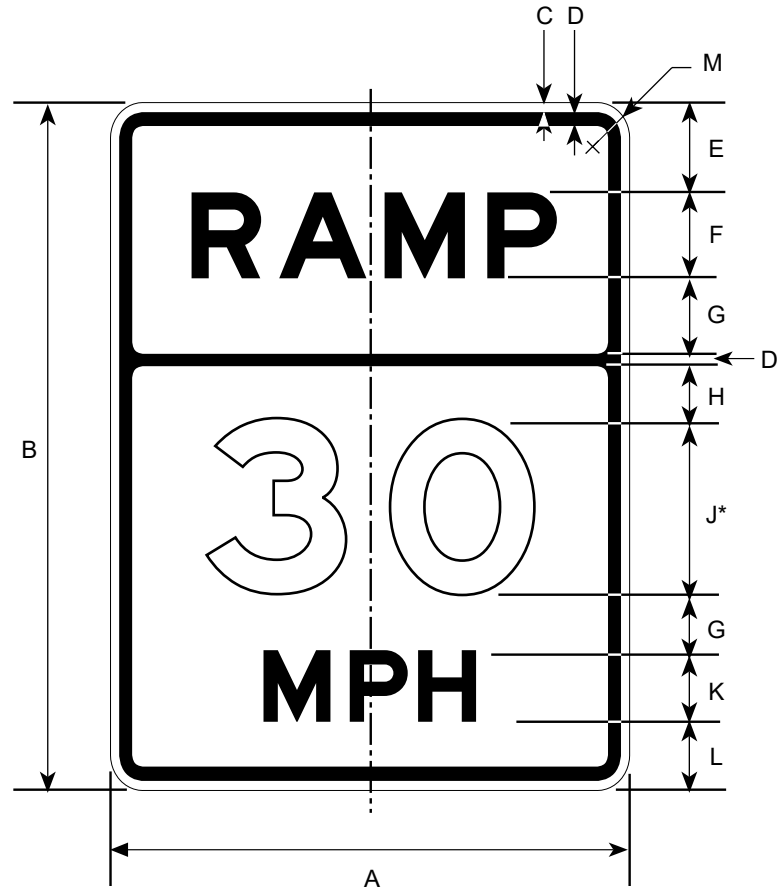
| DIMENSIONS (INCHES) |    |     |       |       |    |       |       |     |    |   |       |
|---------------------|----|-----|-------|-------|----|-------|-------|-----|----|---|-------|
| A                   | B  | C   | D     | E     | F  | G     | H     | J   | K  | L | M     |
| 24                  | 30 | 3/8 | 5/8   | 3 1/2 | 4E | 2 1/2 | 2 7/8 | 8E  | 3E | 3 | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8   | 6     | 6E | 4     | 5 1/8 | 12E | 4E | 6 | 2 1/2 |
| 48                  | 60 | 3/4 | 1 1/4 | 7     | 8E | 5     | 5 3/4 | 16E | 6E | 6 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W13-3

11/97



\* OPTICALLY SPACE NUMERALS ABOUT VERTICAL CENTERLINE

| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |     |     |      |      |     |    |
|--------------------------|------|----|----|-----|------|-----|-----|------|------|-----|----|
| A                        | B    | C  | D  | E   | F    | G   | H   | J    | K    | L   | M  |
| 600                      | 750  | 16 | 16 | 88  | 100E | 56  | 72  | 200E | 75E  | 75  | 38 |
| 900                      | 1200 | 16 | 22 | 150 | 150E | 100 | 128 | 300E | 100E | 150 | 56 |
| 1200                     | 1500 | 19 | 31 | 175 | 200E | 125 | 144 | 400E | 258  | 150 | 75 |

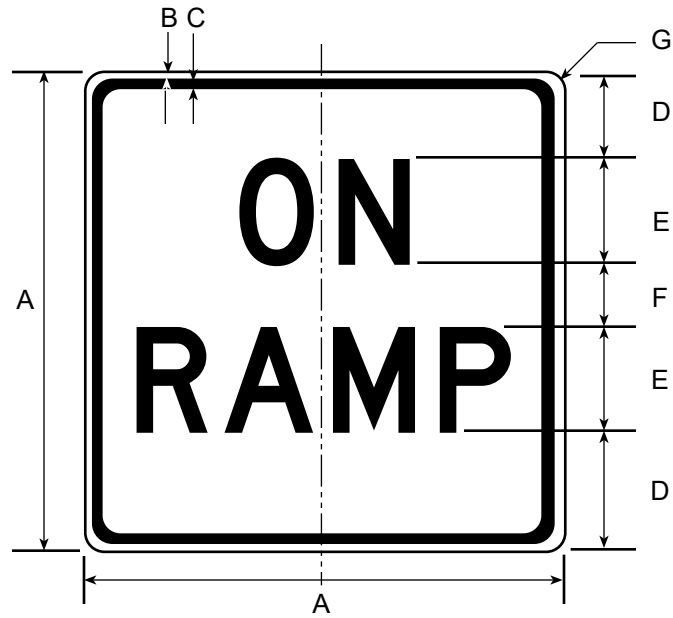
| DIMENSIONS (INCHES) |    |     |       |       |    |       |       |     |    |   |       |
|---------------------|----|-----|-------|-------|----|-------|-------|-----|----|---|-------|
| A                   | B  | C   | D     | E     | F  | G     | H     | J   | K  | L | M     |
| 24                  | 30 | 3/8 | 5/8   | 3 1/2 | 4E | 2 1/2 | 2 7/8 | 8E  | 3E | 3 | 1 1/2 |
| 36                  | 48 | 5/8 | 7/8   | 6     | 6E | 4     | 5 1/8 | 12E | 4E | 6 | 2 1/2 |
| 48                  | 60 | 3/4 | 1 1/4 | 7     | 8E | 5     | 5 3/4 | 16E | 6E | 6 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W13-4

6/03



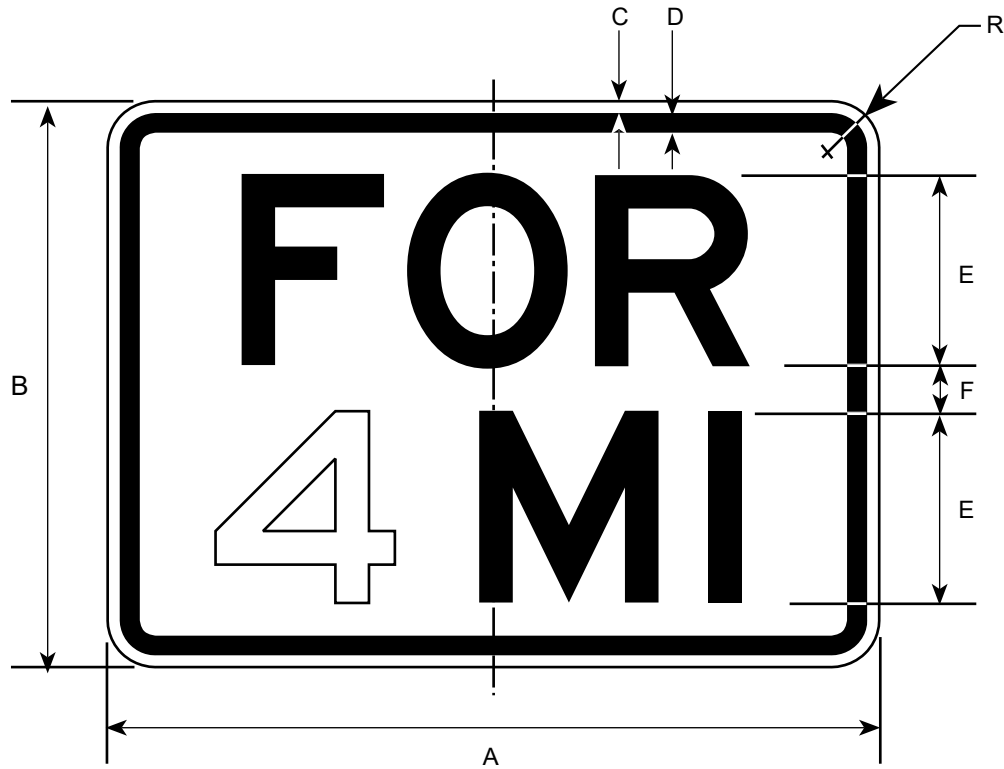
| DIMENSIONS (MILLIMETERS) |    |    |     |      |     |    |
|--------------------------|----|----|-----|------|-----|----|
| A                        | B  | C  | D   | E    | F   | G  |
| 900                      | 16 | 22 | 181 | 200D | 138 | 56 |

| DIMENSIONS (INCHES) |     |     |       |    |       |       |
|---------------------|-----|-----|-------|----|-------|-------|
| A                   | B   | C   | D     | E  | F     | G     |
| 36                  | 5/8 | 7/8 | 7 1/4 | 8D | 5 1/2 | 2 1/4 |

COLORS  
 LEGEND - BLACK  
 BACKGROUND - WHITE (REFL)

# W13-401

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |       |    |    |
|--------------------------|-----|---|----|-------|----|----|
| A                        | B   | C | D  | E     | F  | R  |
| 450                      | 300 | 9 | 9  | 100-E | 25 | 38 |
| 600                      | 450 | 9 | 16 | 150-E | 50 | 38 |

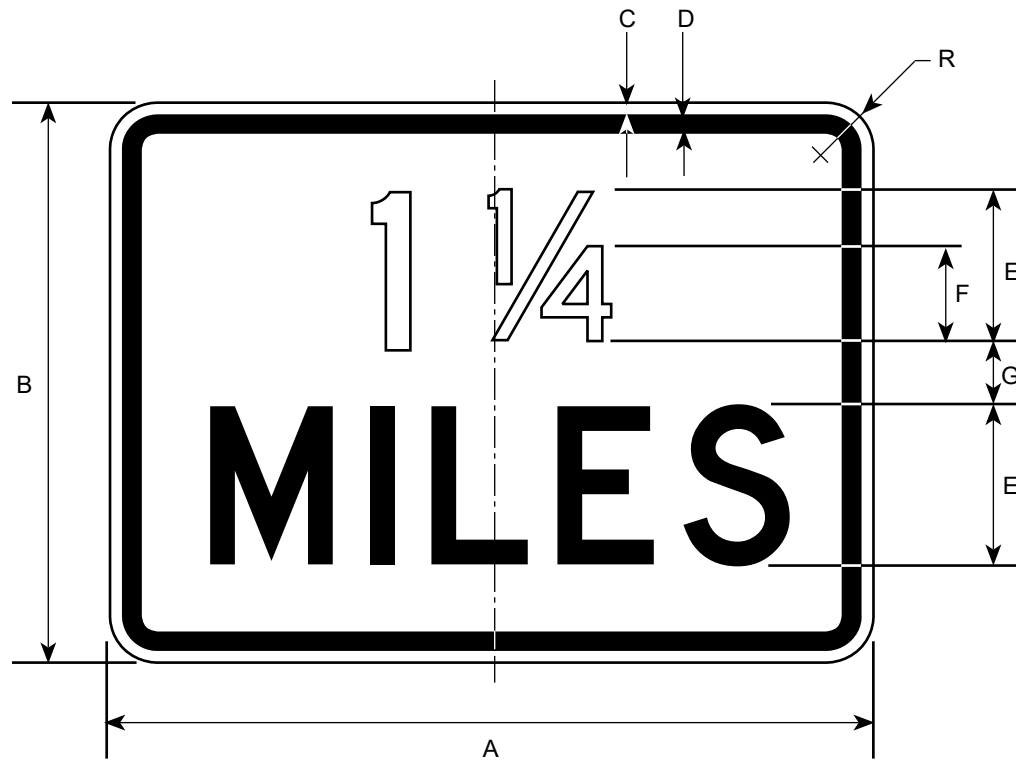
| DIMENSIONS (INCHES) |    |     |     |     |   |       |
|---------------------|----|-----|-----|-----|---|-------|
| A                   | B  | C   | D   | E   | F | R     |
| 18                  | 12 | 3/8 | 3/8 | 4-E | 1 | 1 1/2 |
| 24                  | 18 | 3/8 | 5/8 | 6-E | 2 | 1 1/2 |

## COLORS

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

# W13-501

11/97



| DIMENSIONS (MILLIMETERS) |     |   |    |      |      |    |    |
|--------------------------|-----|---|----|------|------|----|----|
| A                        | B   | C | D  | E    | F    | G  | R  |
| 600                      | 450 | 9 | 16 | 125D | 100D | 50 | 38 |

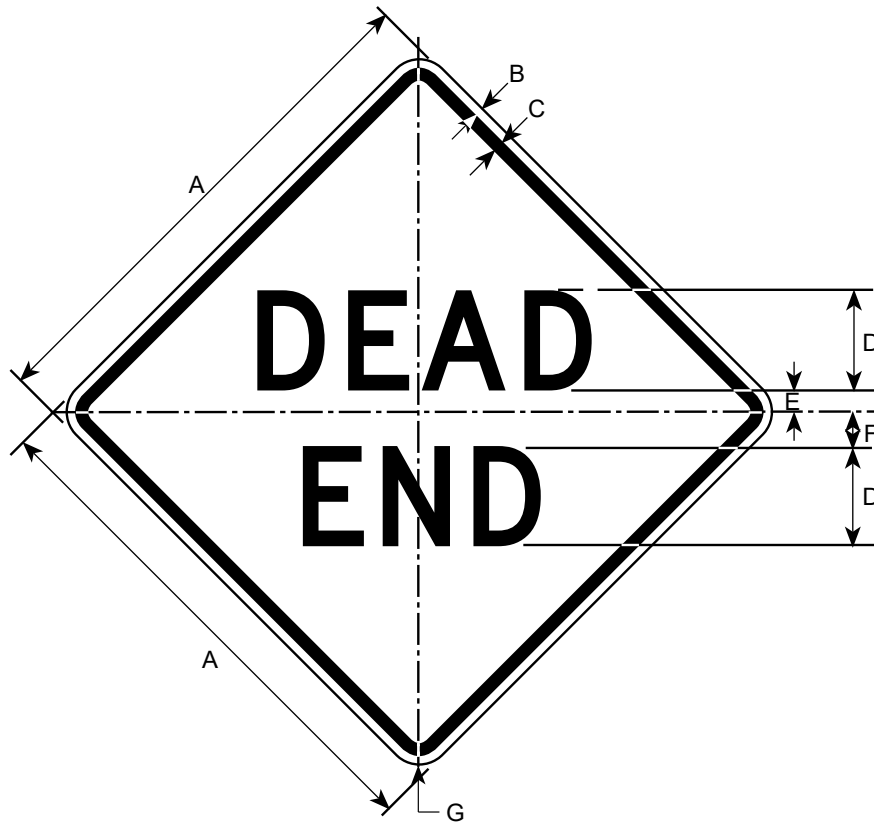
| DIMENSIONS (INCHES) |    |     |     |    |    |   |       |
|---------------------|----|-----|-----|----|----|---|-------|
| A                   | B  | C   | D   | E  | F  | G | R     |
| 24                  | 18 | 3/8 | 5/8 | 5D | 4D | 2 | 1 1/2 |

## COLORS

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

# W14-1

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |    |    |
|--------------------------|----|----|------|----|----|----|
| A                        | B  | C  | D    | E  | F  | G  |
| 600                      | 9  | 16 | 125D | 25 | 50 | 38 |
| 750                      | 13 | 19 | 150D | 38 | 63 | 47 |
| 900                      | 16 | 22 | 175D | 50 | 75 | 56 |

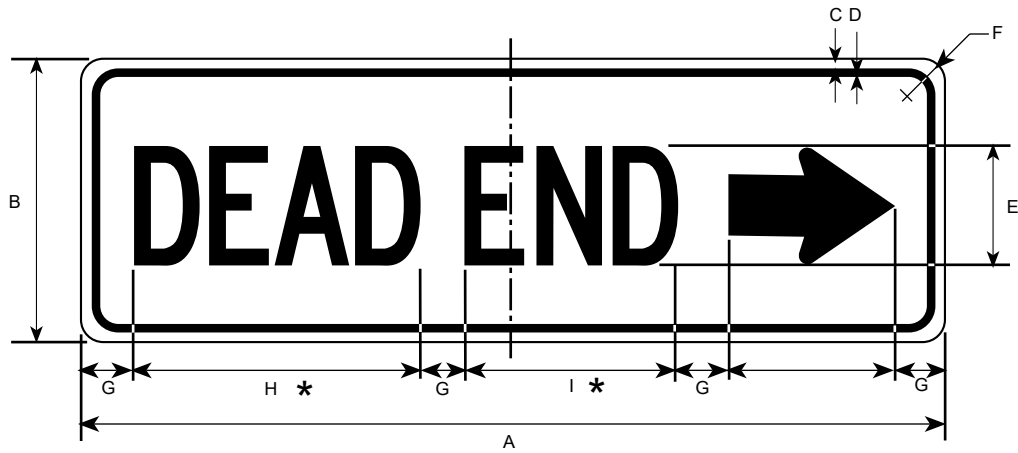
| DIMENSIONS (INCHES) |     |     |    |       |       |       |
|---------------------|-----|-----|----|-------|-------|-------|
| A                   | B   | C   | D  | E     | F     | G     |
| 24                  | 3/8 | 5/8 | 5D | 1     | 2     | 1 1/2 |
| 30                  | 1/2 | 3/4 | 6D | 1 1/2 | 2 1/2 | 1 7/8 |
| 36                  | 5/8 | 7/8 | 7D | 2     | 3     | 2 1/4 |

## COLORS

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

# W14-1P

4/99



- \* SEE APPENDIX FOR STANDARD ARROW DETAILS
- \* SPACING HAS BEEN REDUCED TO 50%

| DIMENSIONS (MILLIMETERS) |     |      |       |           |      |      |    |     |     |
|--------------------------|-----|------|-------|-----------|------|------|----|-----|-----|
| A                        | B   | C    | D     | ARROW     | E    | F    | G  | H   | I   |
| 900                      | 300 | 12.5 | 18.75 | 100 X 125 | 125C | 37.5 | 50 | 325 | 250 |

| DIMENSIONS (INCHES) |    |     |     |       |    |       |   |    |    |
|---------------------|----|-----|-----|-------|----|-------|---|----|----|
| A                   | B  | C   | D   | ARROW | E  | F     | G | H  | I  |
| 36                  | 12 | 1/2 | 3/4 | 4 X 5 | 5C | 1 1/2 | 2 | 13 | 10 |

## COLORS

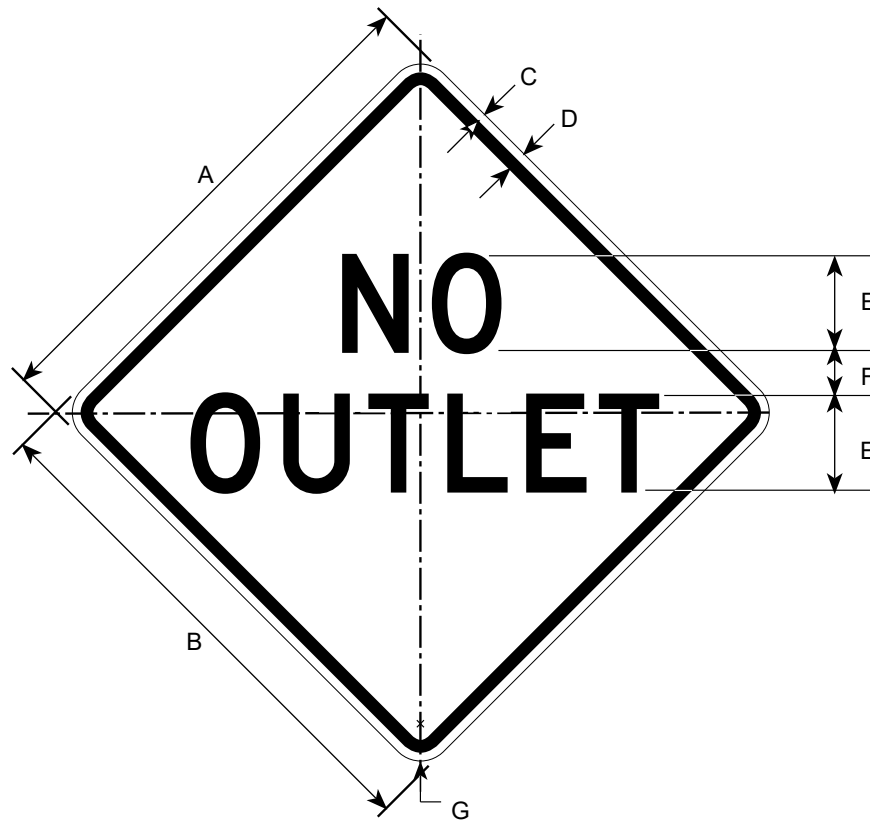
LEGEND - BLACK (NON-REFL)

BACKGROUND - YELLOW (REFL)



# W14-2

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |    |
|--------------------------|-----|----|----|------|----|----|
| A                        | B   | C  | D  | E    | F  | G  |
| 600                      | 600 | 9  | 16 | 125D | 25 | 38 |
| 750                      | 750 | 13 | 19 | 150D | 38 | 47 |
| 900                      | 900 | 16 | 22 | 175D | 50 | 56 |

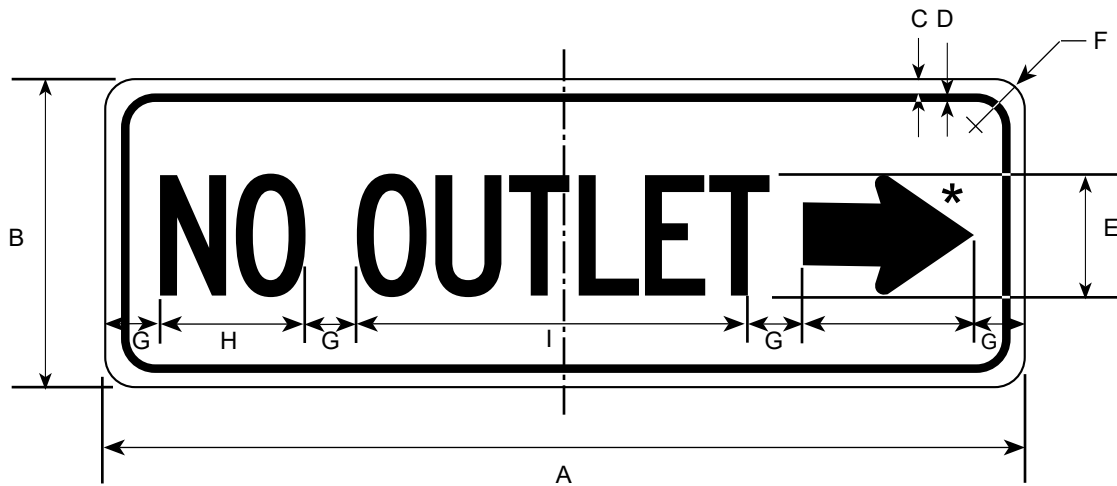
| DIMENSIONS (INCHES) |    |     |     |    |       |       |
|---------------------|----|-----|-----|----|-------|-------|
| A                   | B  | C   | D   | E  | F     | G     |
| 24                  | 24 | 3/8 | 5/8 | 5D | 1     | 1 1/2 |
| 30                  | 30 | 1/2 | 3/4 | 6D | 1 1/2 | 1 7/8 |
| 36                  | 36 | 5/8 | 7/8 | 7D | 2     | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W14-2P

11/97



\* SEE APPENDIX FOR STANDARD ARROW DETAILS  
SPACING HAS BEEN REDUCED TO 50%

| DIMENSIONS (MILLIMETERS) |     |       |      |           |      |      |       |       |       |
|--------------------------|-----|-------|------|-----------|------|------|-------|-------|-------|
| A                        | B   | C     | D    | ARROW     | E    | F    | G     | H     | I     |
| 900                      | 300 | 18.75 | 12.5 | 100 X 125 | 125C | 37.5 | 43.75 | 153.1 | 442.2 |

| DIMENSIONS (INCHES) |    |     |     |       |    |       |       |       |    |
|---------------------|----|-----|-----|-------|----|-------|-------|-------|----|
| A                   | B  | C   | D   | ARROW | E  | F     | G     | H     | I  |
| 36                  | 12 | 3/4 | 1/2 | 4 X 5 | 5C | 1 1/2 | 1 3/4 | 6 1/8 | 17 |

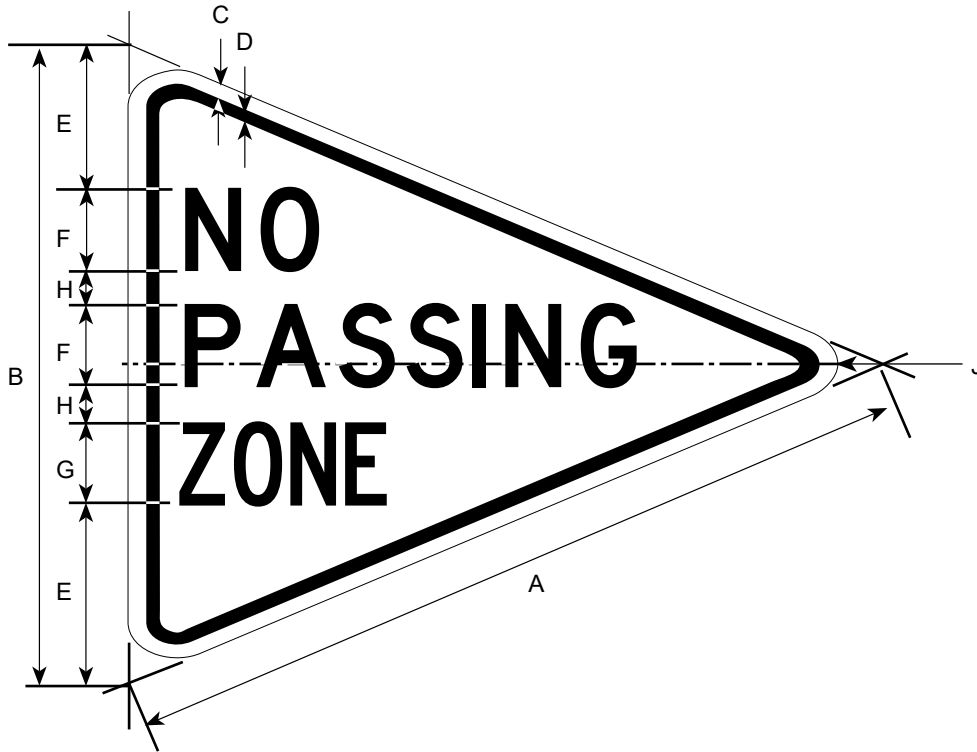
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - YELLOW (REFL)

# W14-3

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |     |      |      |    |    |
|--------------------------|------|----|----|-----|------|------|----|----|
| A                        | B    | C  | D  | E   | F    | G    | H  | J  |
| 1000                     | 750  | 13 | 19 | 181 | 100D | 100C | 44 | 47 |
| 1200                     | 900  | 16 | 22 | 213 | 125D | 125C | 50 | 56 |
| 1600                     | 1200 | 19 | 31 | 300 | 150D | 150C | 75 | 75 |

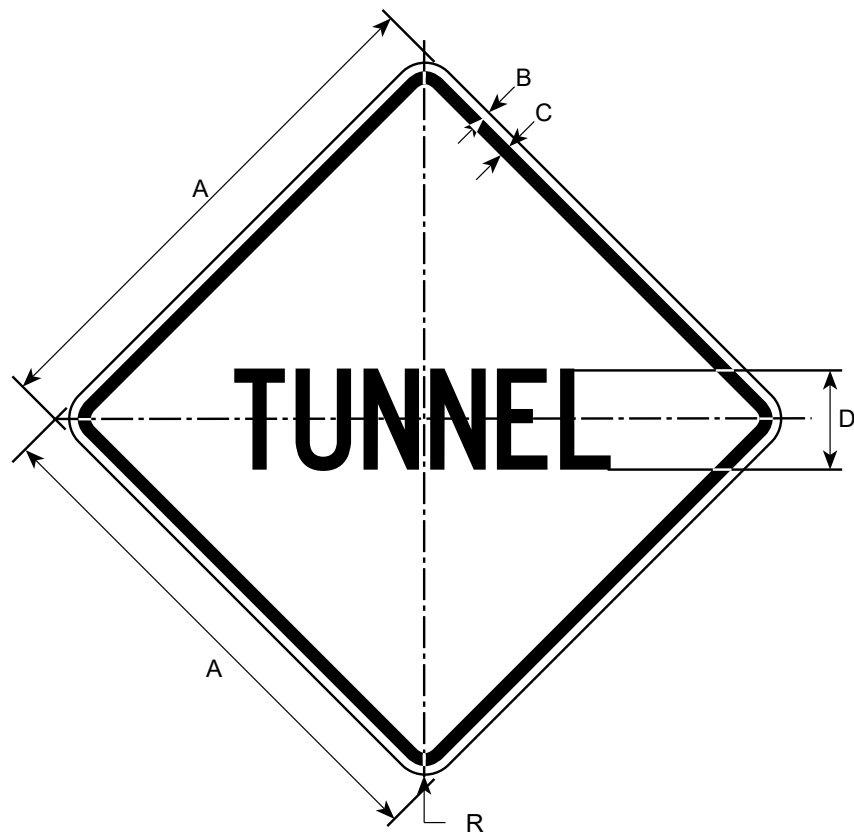
| DIMENSIONS (INCHES) |    |     |       |       |    |    |       |       |
|---------------------|----|-----|-------|-------|----|----|-------|-------|
| A                   | B  | C   | D     | E     | F  | G  | H     | J     |
| 40                  | 30 | 1/2 | 3/4   | 7 1/4 | 4D | 4C | 1 3/4 | 1 7/8 |
| 48                  | 36 | 5/8 | 7/8   | 8 1/2 | 5D | 5C | 2     | 2 1/4 |
| 64                  | 48 | 3/4 | 1 1/4 | 12    | 6D | 6C | 3     | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W14-501

11/97



| DIMENSIONS (MILLIMETERS) |    |    |       |    |
|--------------------------|----|----|-------|----|
| A                        | B  | C  | D     | R  |
| 600                      | 9  | 16 | 125-C | 38 |
| 750                      | 13 | 19 | 150-C | 47 |
| 900                      | 16 | 22 | 175-C | 56 |
| 1200                     | 19 | 31 | 250-C | 75 |

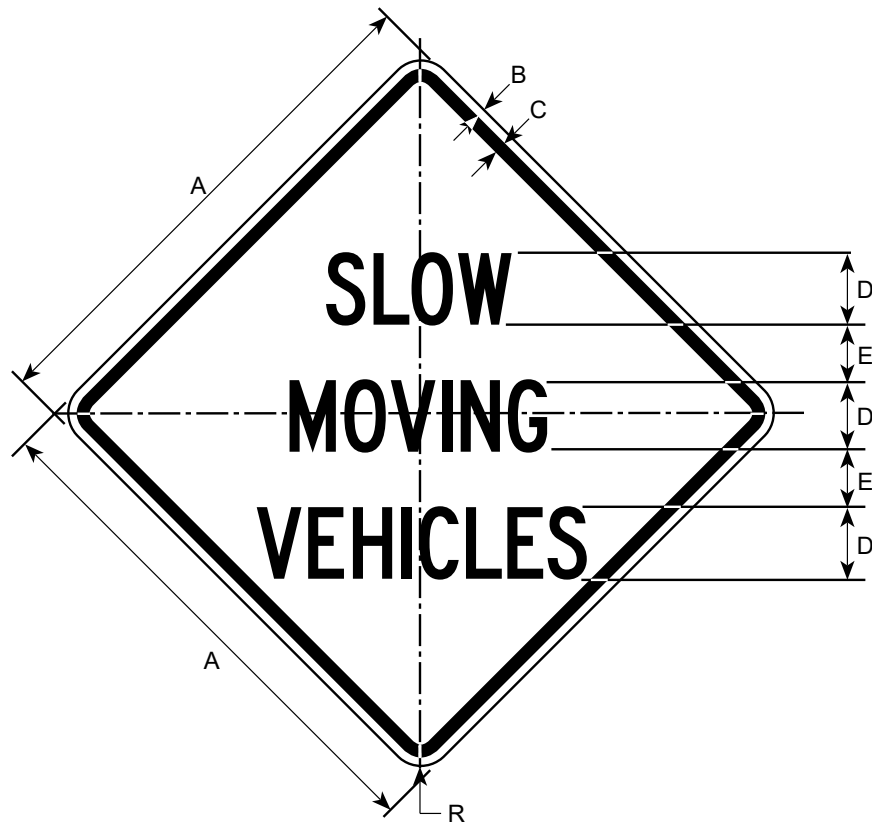
| DIMENSIONS (INCHES) |     |       |      |       |
|---------------------|-----|-------|------|-------|
| A                   | B   | C     | D    | R     |
| 24                  | 3/8 | 5/8   | 5-C  | 1 1/2 |
| 30                  | 1/2 | 3/4   | 6-C  | 1 7/8 |
| 36                  | 5/8 | 7/8   | 7-C  | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 10-C | 3     |

## COLORS

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

# W14-601

11/97



| DIMENSIONS (MILLIMETERS) |    |    |       |    |    |
|--------------------------|----|----|-------|----|----|
| A                        | B  | C  | D     | E  | R  |
| 750                      | 13 | 19 | 100-C | 75 | 47 |
| 900                      | 16 | 22 | 125-C | 88 | 56 |
| 1200                     | 19 | 31 | 175-C | 31 | 75 |

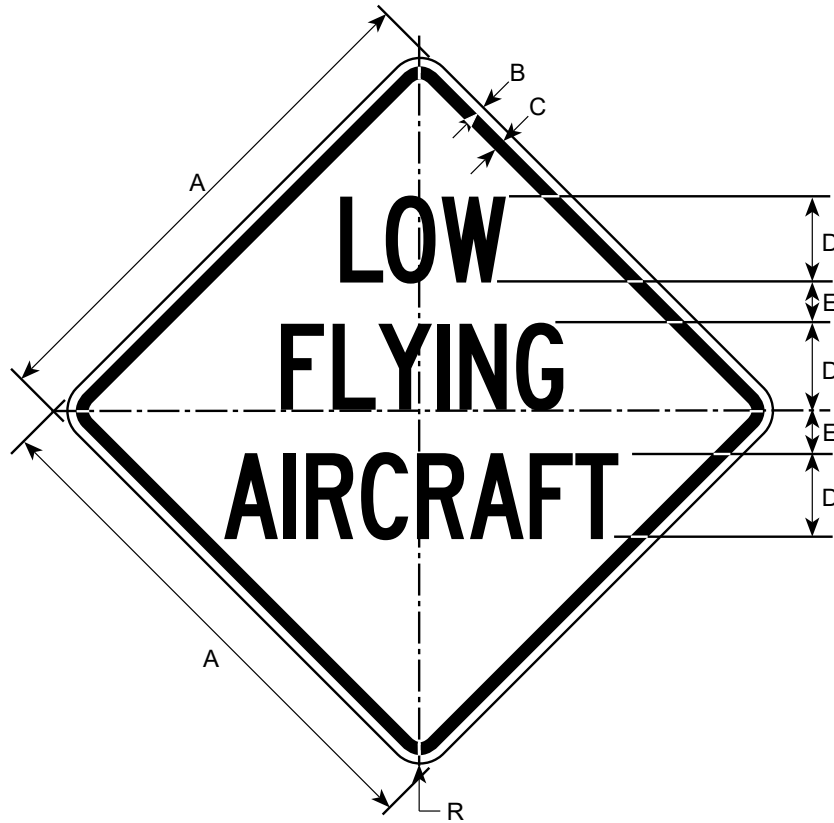
| DIMENSIONS (INCHES) |     |       |     |       |       |
|---------------------|-----|-------|-----|-------|-------|
| A                   | B   | C     | D   | E     | R     |
| 30                  | 1/2 | 3/4   | 4-C | 3     | 1 7/8 |
| 36                  | 5/8 | 7/8   | 5-C | 3 1/2 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7-C | 1 1/4 | 3     |

## COLORS

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

# W14-701

11/97



| DIMENSIONS (MILLIMETERS) |    |    |       |    |    |
|--------------------------|----|----|-------|----|----|
| A                        | B  | C  | D     | E  | R  |
| 750                      | 13 | 19 | 125-C | 56 | 47 |
| 900                      | 16 | 22 | 150-C | 69 | 56 |
| 1200                     | 19 | 31 | 200-C | 88 | 75 |

| DIMENSIONS (INCHES) |     |       |     |       |       |
|---------------------|-----|-------|-----|-------|-------|
| A                   | B   | C     | D   | E     | R     |
| 30                  | 1/2 | 3/4   | 5-C | 2 1/4 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6-C | 2 3/4 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8-C | 3 1/2 | 3     |

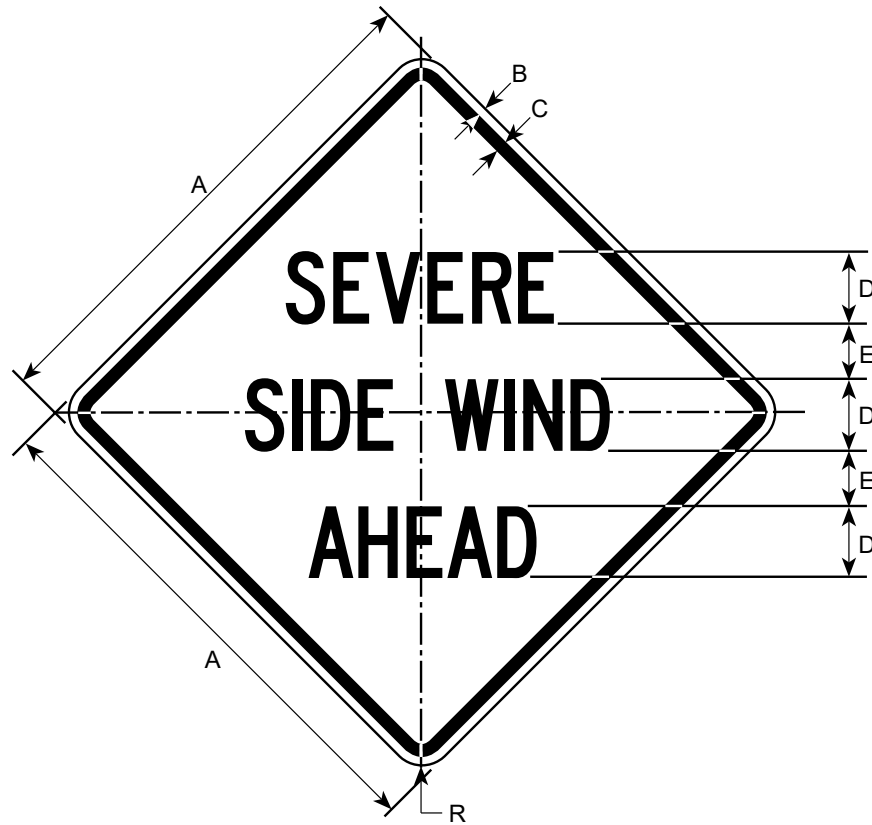
## COLORS

LEGEND - BLACK (NON-REFL.)

BACKGROUND - YELLOW (REFL.)

# W14-801

11/97



| DIMENSIONS (MILLIMETERS) |    |    |       |     |    |
|--------------------------|----|----|-------|-----|----|
| A                        | B  | C  | D     | E   | R  |
| 750                      | 13 | 19 | 100-C | 56  | 47 |
| 900                      | 16 | 22 | 125-C | 57  | 56 |
| 1200                     | 19 | 31 | 175-C | 100 | 75 |

| DIMENSIONS (INCHES) |     |       |     |       |       |
|---------------------|-----|-------|-----|-------|-------|
| A                   | B   | C     | D   | E     | R     |
| 30                  | 1/2 | 3/4   | 4-C | 2 1/2 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 5-C | 3     | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7-C | 4     | 3     |

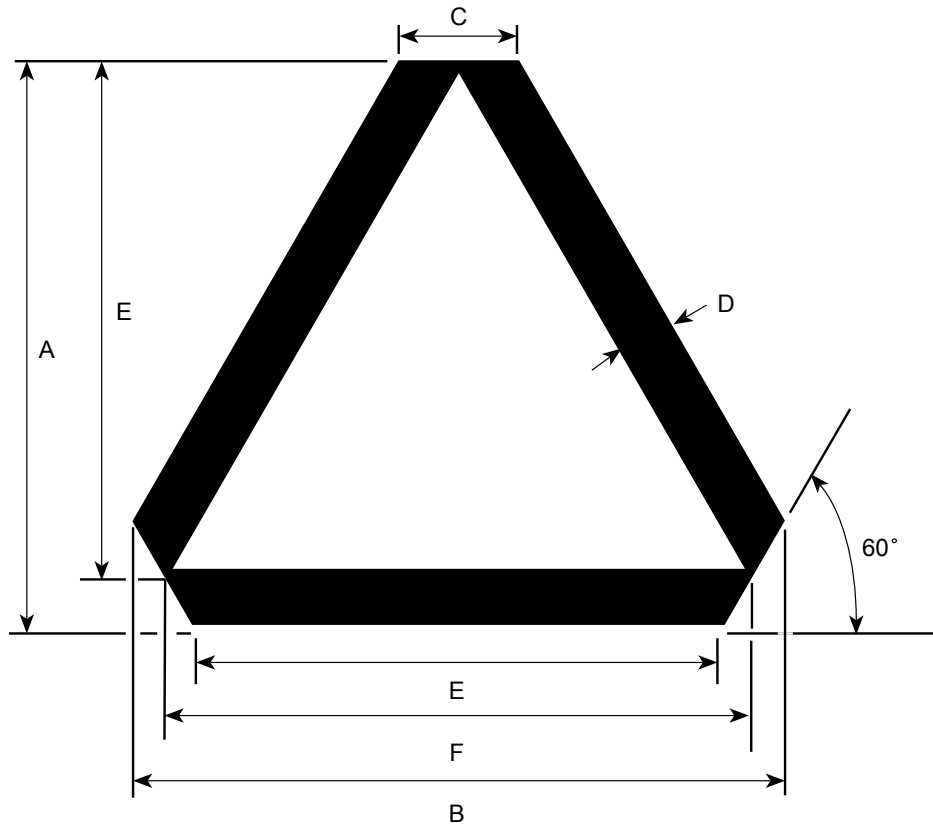
## COLORS

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

# W14-901

11/97

## SLOW MOVING VEHICLE EMBLEM



| DIMENSIONS (MILLIMETERS) |     |     |    |     |     |
|--------------------------|-----|-----|----|-----|-----|
| A                        | B   | C   | D  | E   | F   |
| 350                      | 325 | 100 | 47 | 313 | 356 |
| 700                      | 800 | 200 | 88 | 613 | 706 |

| DIMENSIONS (INCHES) |    |   |       |        |        |
|---------------------|----|---|-------|--------|--------|
| A                   | B  | C | D     | E      | F      |
| 14                  | 16 | 4 | 1 3/4 | 12 1/2 | 14 1/8 |
| 28                  | 32 | 8 | 3 1/2 | 24 1/2 | 28 1/4 |

### COLORS

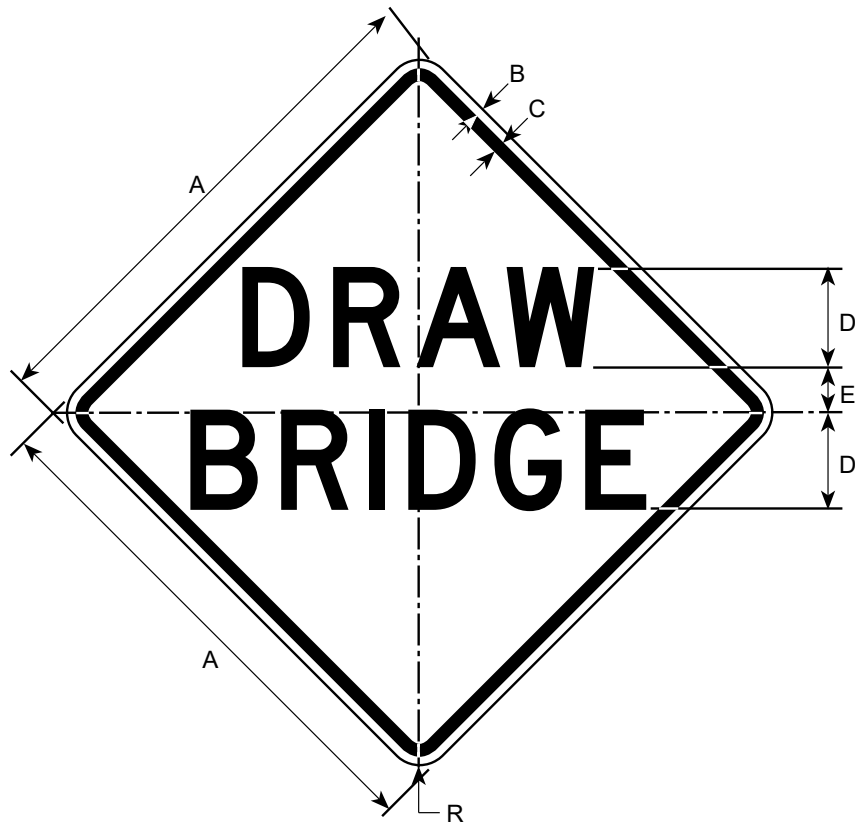
LEGEND - ORANGE (FLUORESCENT)

BACKGROUND - RED (REFL.)



# W14-1001

11/97



| DIMENSIONS (MILLIMETERS) |    |    |       |     |    |
|--------------------------|----|----|-------|-----|----|
| A                        | B  | C  | D     | E   | R  |
| 600                      | 9  | 16 | 125-D | 50  | 38 |
| 750                      | 13 | 19 | 150-D | 56  | 47 |
| 900                      | 16 | 22 | 175-D | 75  | 56 |
| 1200                     | 19 | 31 | 250-D | 100 | 75 |

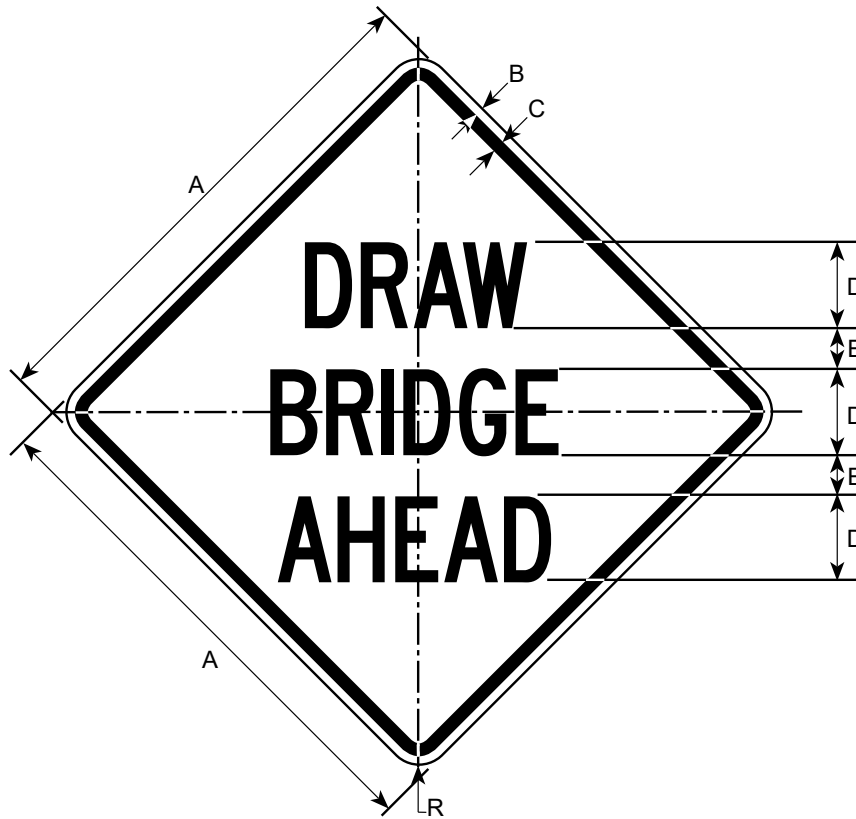
| DIMENSIONS (INCHES) |     |       |      |       |       |
|---------------------|-----|-------|------|-------|-------|
| A                   | B   | C     | D    | E     | R     |
| 24                  | 3/8 | 5/8   | 5-D  | 2     | 1 1/2 |
| 30                  | 1/2 | 3/4   | 6-D  | 2 1/2 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 7-D  | 3     | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 10-D | 4     | 3     |

## COLORS

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

# W14-1002

11/97



| DIMENSIONS (MILLIMETERS) |    |    |       |    |    |
|--------------------------|----|----|-------|----|----|
| A                        | B  | C  | D     | E  | R  |
| 600                      | 9  | 16 | 100-C | 44 | 38 |
| 750                      | 13 | 19 | 125-C | 56 | 47 |
| 900                      | 16 | 22 | 150-C | 72 | 56 |
| 1200                     | 19 | 31 | 200-C | 88 | 75 |

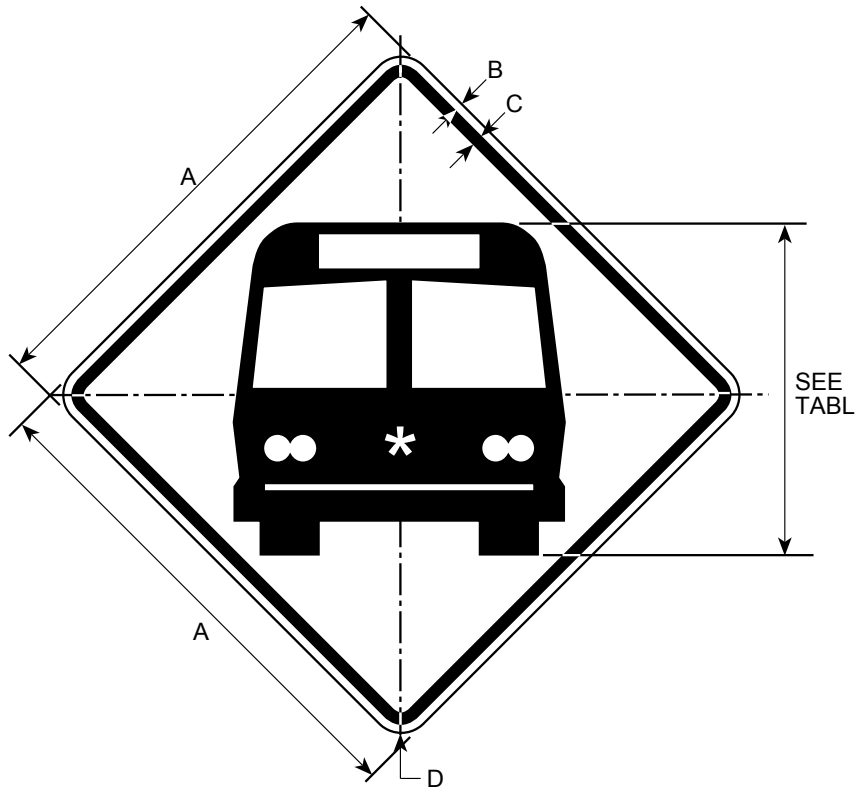
| DIMENSIONS (INCHES) |     |       |     |       |       |
|---------------------|-----|-------|-----|-------|-------|
| A                   | B   | C     | D   | E     | R     |
| 24                  | 3/8 | 5/8   | 4-C | 1 3/4 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 5-C | 2 1/4 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6-C | 2 3/4 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8-C | 3 1/2 | 3     |

## COLORS

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

# W14-1101

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |    |    |                  |                 |    |
|--------------------------|----|----|------------------|-----------------|----|
| A                        | B  | C  | SYMBOL<br>HEIGHT | SYMBOL<br>WIDTH | D  |
| 750                      | 13 | 19 | 500              | 500             | 47 |
| 900                      | 16 | 22 | 600              | 600             | 56 |
| 1200                     | 19 | 31 | 800              | 800             | 75 |

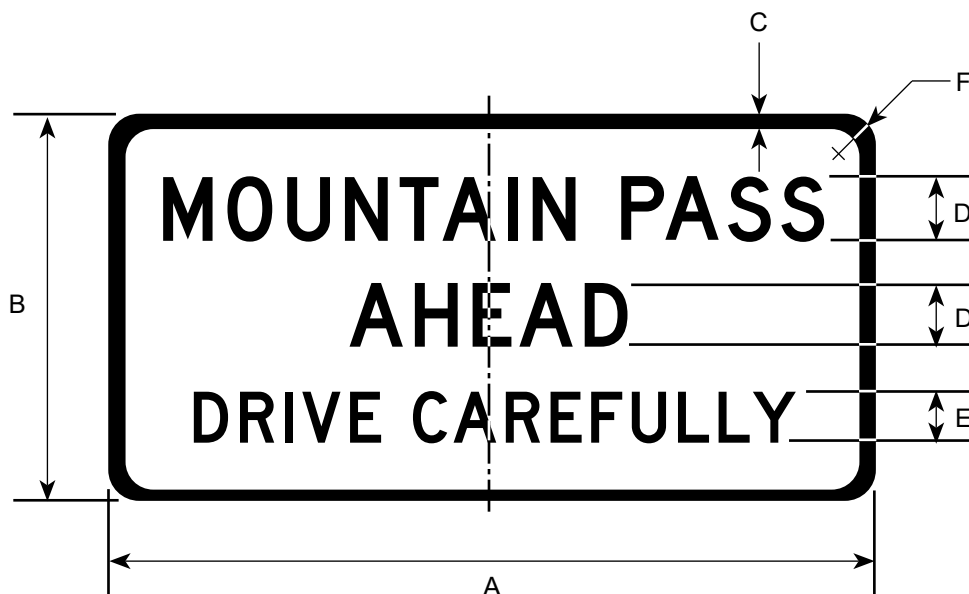
| DIMENSIONS (INCHES) |     |       |                  |                 |       |
|---------------------|-----|-------|------------------|-----------------|-------|
| A                   | B   | C     | SYMBOL<br>HEIGHT | SYMBOL<br>WIDTH | D     |
| 30                  | 1/2 | 3/4   | 20               | 20              | 1 7/8 |
| 36                  | 5/8 | 7/8   | 24               | 24              | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 32               | 32              | 3     |

## COLORS

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

# W14-1601

11/97



| DIMENSIONS (MILLIMETERS) |      |      |      |      |     |
|--------------------------|------|------|------|------|-----|
| A                        | B    | C    | D    | E    | F   |
| 3000                     | 1500 | 37.5 | 250D | 200D | 100 |

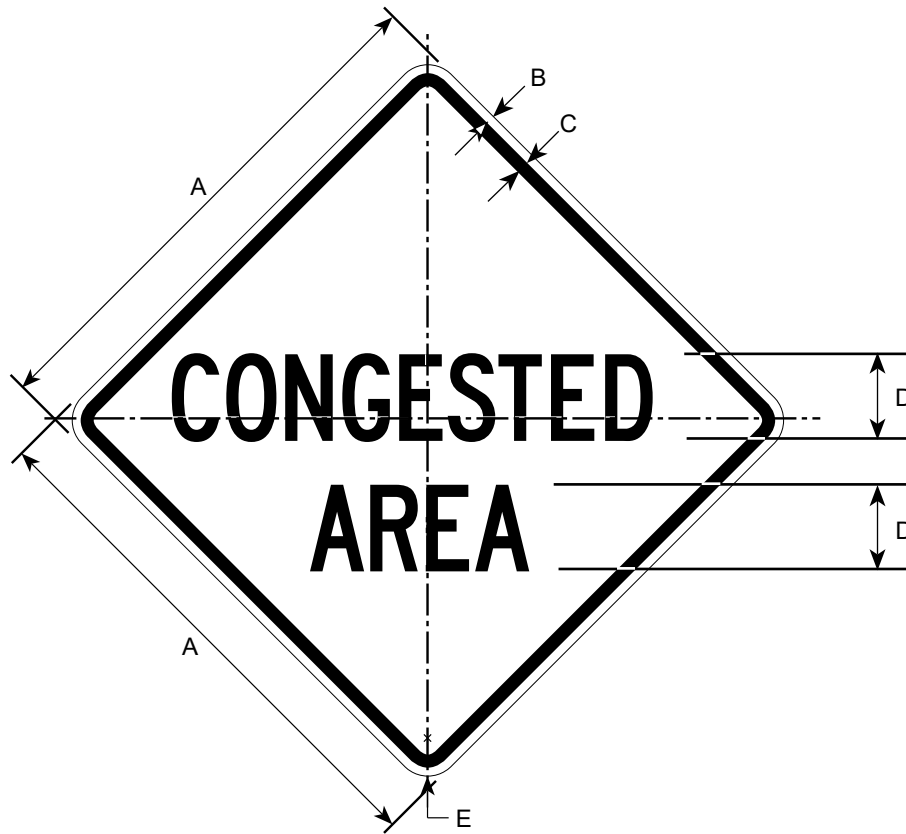
| DIMENSIONS (INCHES) |    |       |     |    |   |
|---------------------|----|-------|-----|----|---|
| A                   | B  | C     | D   | E  | F |
| 120                 | 60 | 1 1/2 | 10D | 8D | 4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W14-2202

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |
|--------------------------|----|----|------|----|
| A                        | B  | C  | D    | E  |
| 900                      | 16 | 22 | 150C | 56 |
| 1200                     | 19 | 31 | 175C | 75 |

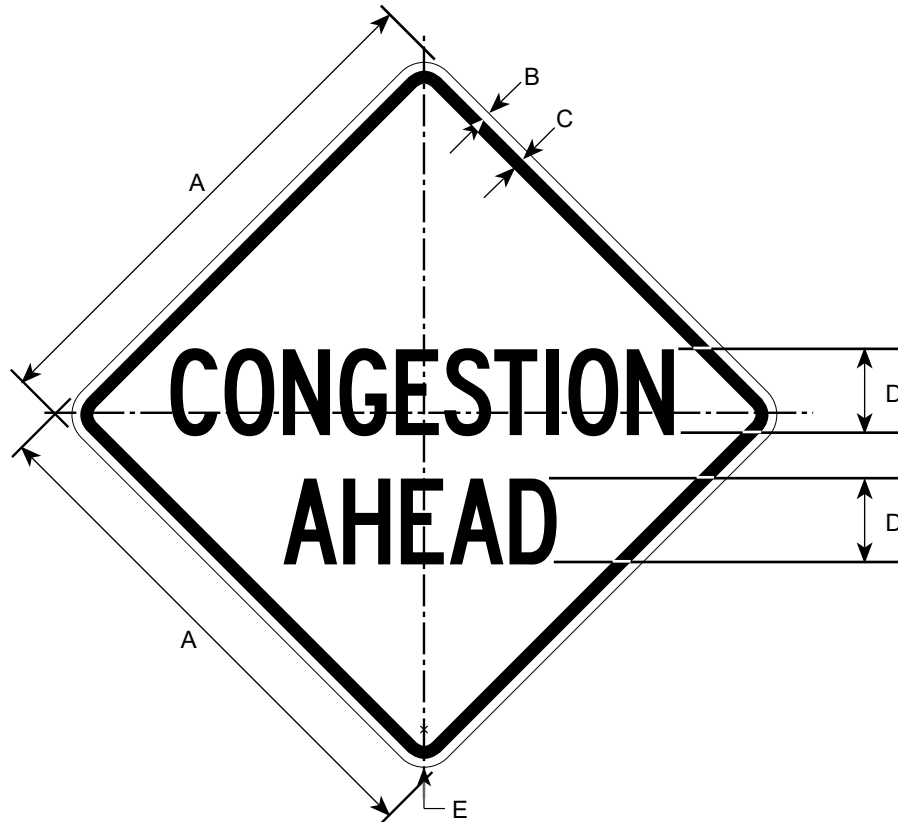
| DIMENSIONS (INCHES) |     |       |    |       |
|---------------------|-----|-------|----|-------|
| A                   | B   | C     | D  | E     |
| 36                  | 5/8 | 7/8   | 6C | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7C | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W14-2203

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |
|--------------------------|----|----|------|----|
| A                        | B  | C  | D    | E  |
| 900                      | 16 | 22 | 150C | 56 |
| 1200                     | 19 | 31 | 175C | 75 |

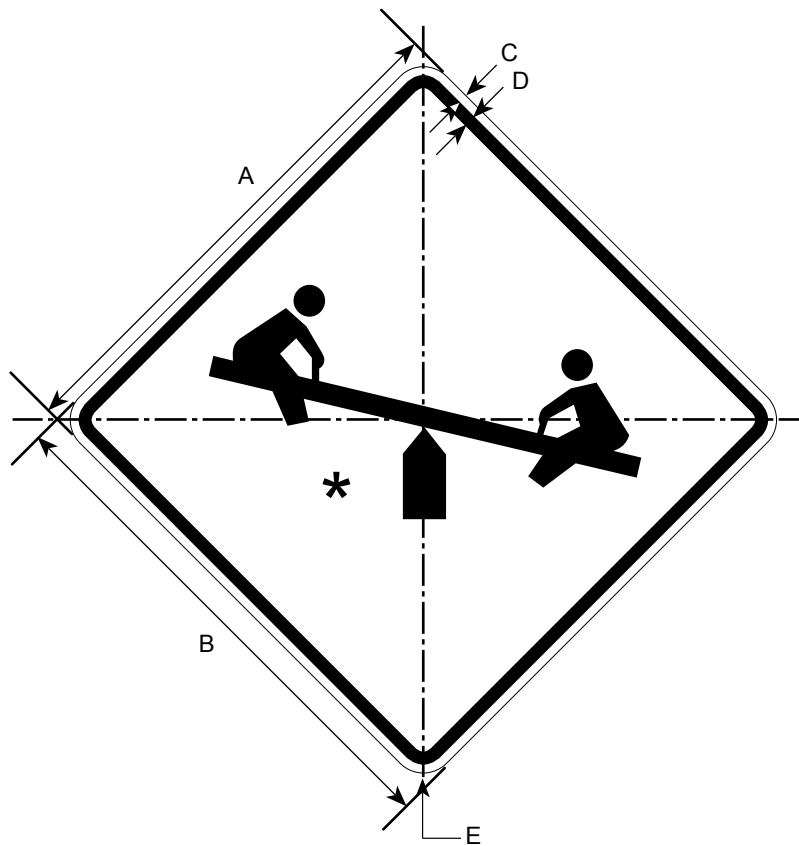
| DIMENSIONS (INCHES) |     |       |    |       |
|---------------------|-----|-------|----|-------|
| A                   | B   | C     | D  | E     |
| 36                  | 5/8 | 7/8   | 6C | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7C | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W15-1

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |     |    |    |    |
|--------------------------|-----|----|----|----|
| A                        | B   | C  | D  | E  |
| 750                      | 750 | 13 | 19 | 47 |
| 900                      | 900 | 16 | 22 | 56 |

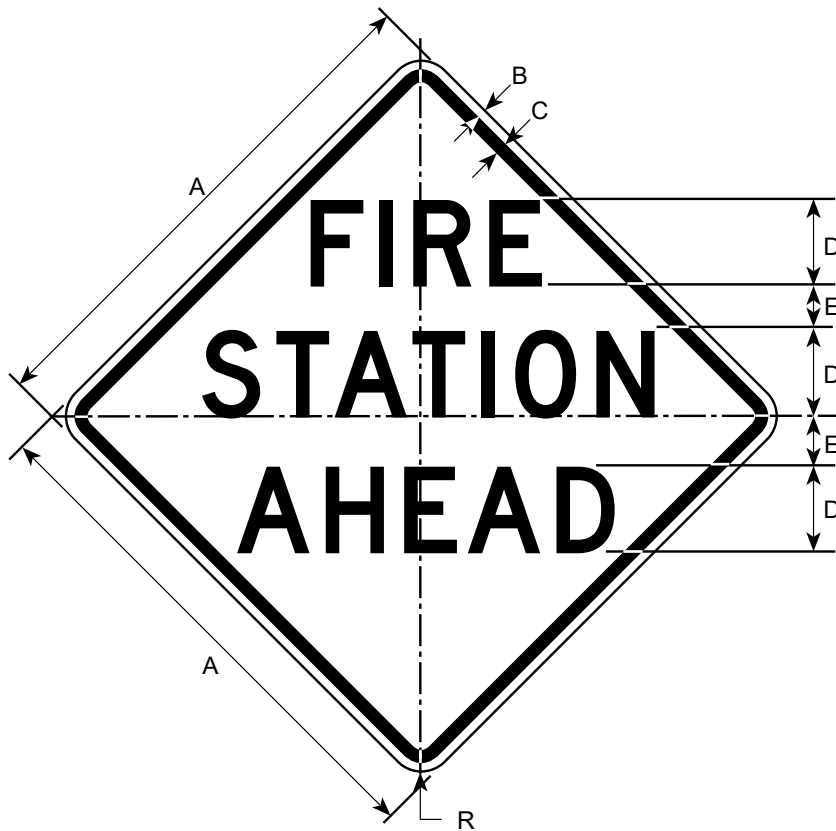
| DIMENSIONS (INCHES) |    |     |     |       |
|---------------------|----|-----|-----|-------|
| A                   | B  | C   | D   | E     |
| 30                  | 30 | 1/2 | 3/4 | 1 7/8 |
| 36                  | 36 | 5/8 | 7/8 | 2 1/4 |

## COLORS

LEGEND— BLACK (NON-REFL)  
BACKGROUND— YELLOW (REFL)

# W15-201

11/97



| DIMENSIONS (MILLIMETERS) |    |    |       |     |    |
|--------------------------|----|----|-------|-----|----|
| A                        | B  | C  | D     | E   | R  |
| 600                      | 9  | 16 | 100-D | 47  | 38 |
| 750                      | 13 | 19 | 125-D | 56  | 47 |
| 900                      | 16 | 22 | 150-D | 69  | 56 |
| 1200                     | 19 | 31 | 200-D | 100 | 75 |

| DIMENSIONS (INCHES) |     |       |     |       |       |
|---------------------|-----|-------|-----|-------|-------|
| A                   | B   | C     | D   | E     | R     |
| 24                  | 3/8 | 5/8   | 4-D | 1 3/4 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 5-D | 2 1/4 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6-D | 2 3/4 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8-D | 4     | 3     |

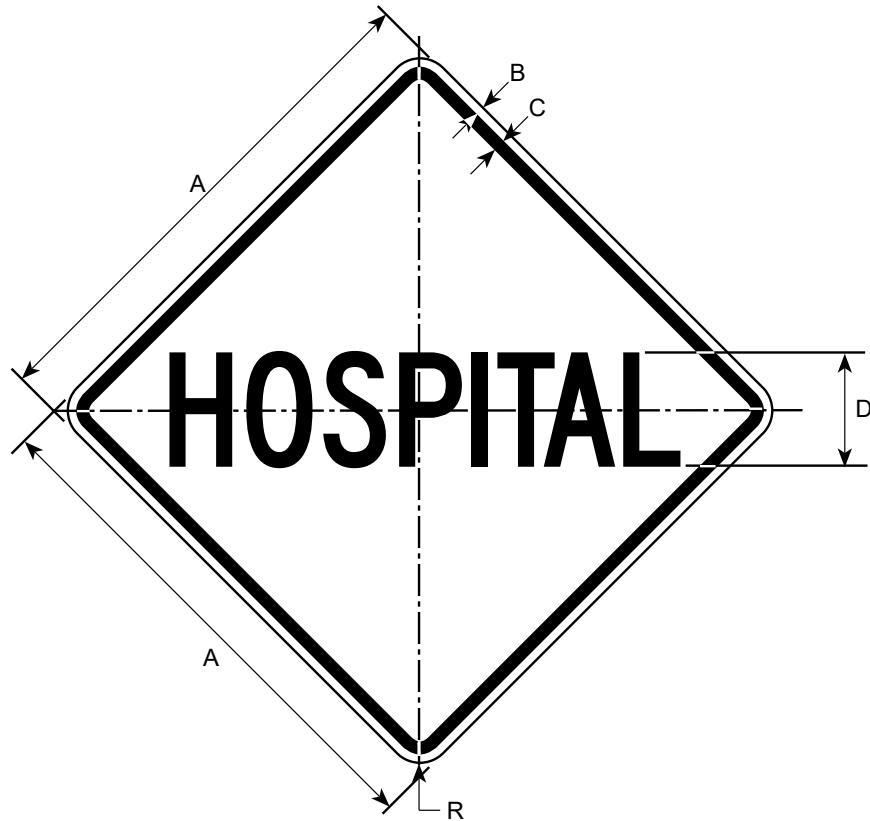
## COLORS

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



# W15-301

11/97



| DIMENSIONS (MILLIMETERS) |    |    |       |    |
|--------------------------|----|----|-------|----|
| A                        | B  | C  | D     | R  |
| 600                      | 9  | 16 | 125-C | 38 |
| 750                      | 13 | 19 | 150-C | 47 |
| 900                      | 16 | 22 | 200-C | 56 |
| 1200                     | 19 | 31 | 250-C | 75 |

| DIMENSIONS (INCHES) |     |       |      |       |
|---------------------|-----|-------|------|-------|
| A                   | B   | C     | D    | R     |
| 24                  | 3/8 | 5/8   | 5-C  | 1 1/2 |
| 30                  | 1/2 | 3/4   | 6-C  | 1 7/8 |
| 36                  | 5/8 | 7/8   | 8-C  | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 10-C | 3     |

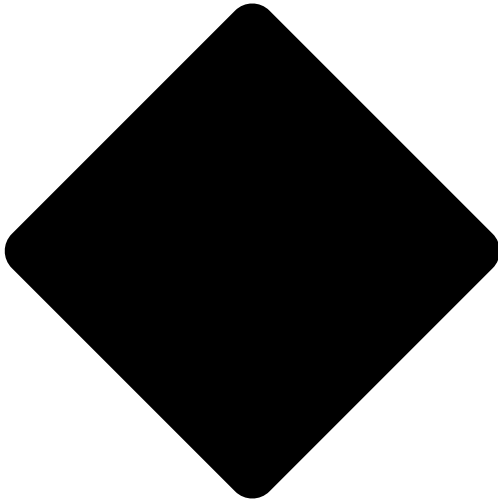
## COLORS

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

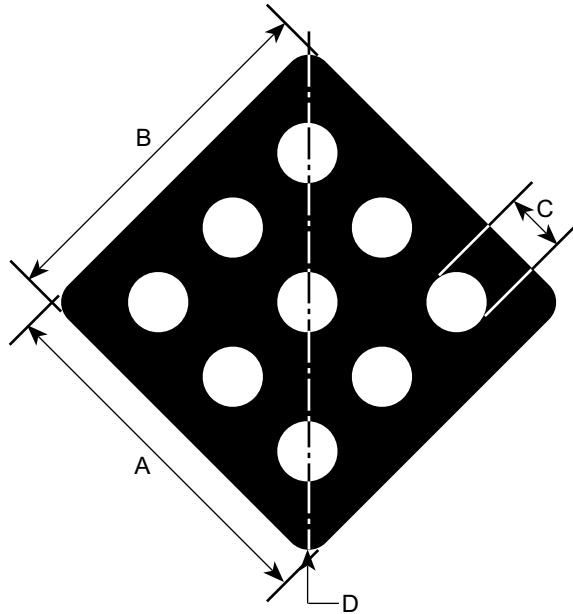
# W16-101 & W16-102

11/97

## W16-101



## W16-102



| DIMENSIONS (MILLIMETERS) |     |    |    |
|--------------------------|-----|----|----|
| A                        | B   | C  | D  |
| 450                      | 450 | 75 | 38 |

| DIMENSIONS (INCHES) |    |   |       |
|---------------------|----|---|-------|
| A                   | B  | C | D     |
| 18                  | 18 | 3 | 1 1/2 |

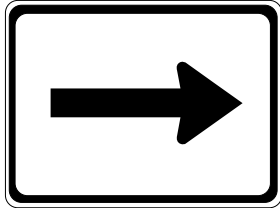
## COLORS

W16-101— RED (REFL)

W16-102— RED OR BLACK (NON REFL)  
WITH NINE 3" DIA. RED REFLECTORS

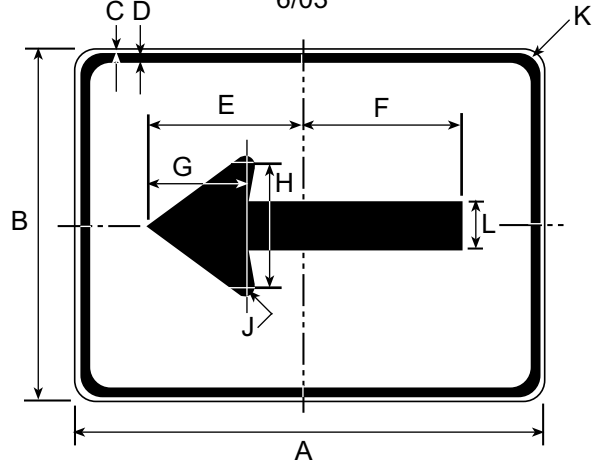
## W16-5PR

6/03



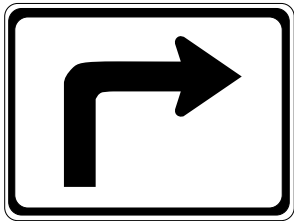
## W16-5PL

6/03



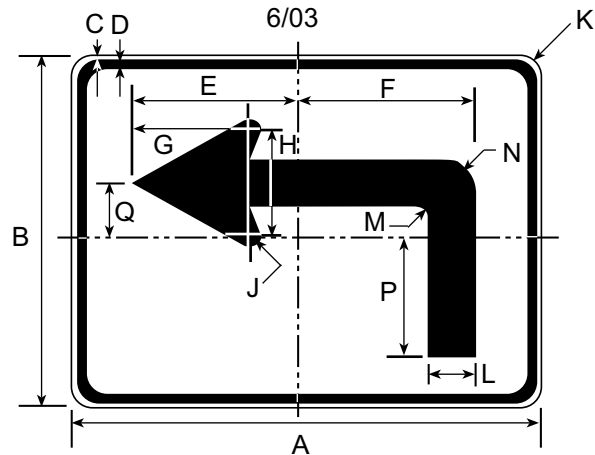
## W16-6PR

6/03



## W16-6PL

6/03



| DIMENSIONS (MILLIMETERS) |     |   |    |     |     |     |     |
|--------------------------|-----|---|----|-----|-----|-----|-----|
| A                        | B   | C | D  | E   | F   | G   | H   |
| 600                      | 450 | 9 | 16 | 206 | 188 | 153 | 175 |

| J  | K  | L  | M  | N  | P   | Q  |
|----|----|----|----|----|-----|----|
| 14 | 38 | 75 | 19 | 25 | 148 | 72 |

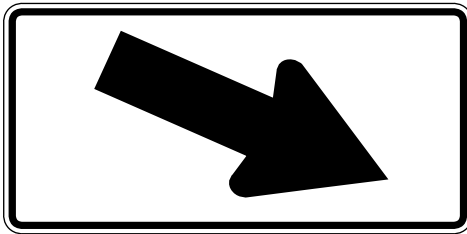
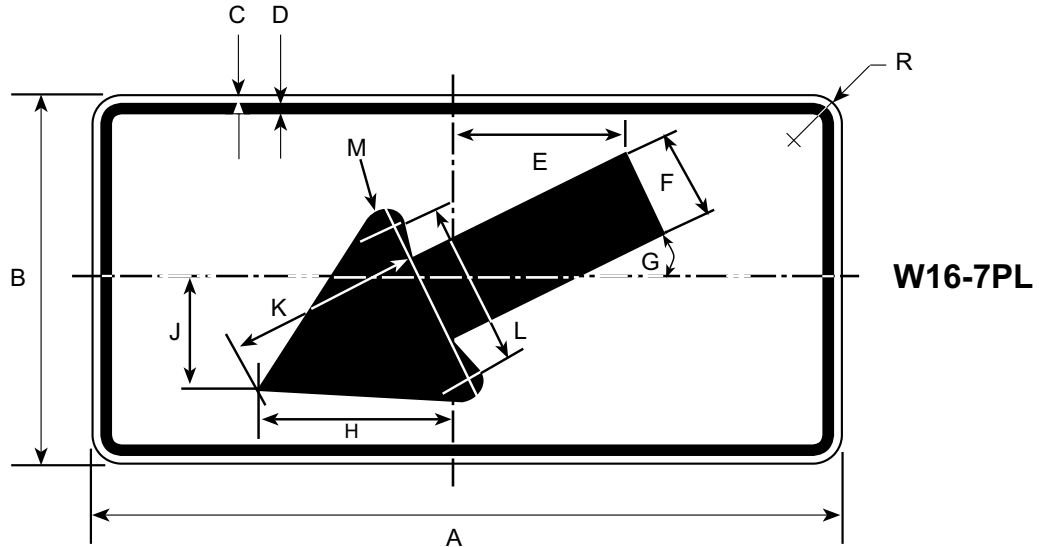
| DIMENSIONS (INCHES) |    |     |     |       |       |       |   |
|---------------------|----|-----|-----|-------|-------|-------|---|
| A                   | B  | C   | D   | E     | F     | G     | H |
| 24                  | 18 | 3/8 | 5/8 | 8 1/4 | 7 1/2 | 6 1/8 | 7 |

| J    | K     | L | M   | N | P       | Q     |
|------|-------|---|-----|---|---------|-------|
| 9/16 | 1 1/2 | 3 | 3/4 | 1 | 5 15/16 | 2 7/8 |

COLORS  
LEGEND - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W16-7PL & R

8/02



W16-7PR

NOTE: SIGN DESIGNERS SPECIFY SIGN COLOR

| DIMENSIONS (MILLIMETERS) |     |    |    |     |     |     |     |     |     |     |    |    |
|--------------------------|-----|----|----|-----|-----|-----|-----|-----|-----|-----|----|----|
| A                        | B   | C  | D  | E   | F   | G   | H   | J   | K   | L   | M  | R  |
| 600                      | 300 | 9  | 16 | 105 | 75  | 30° | 147 | 81  | 147 | 173 | 14 | 38 |
| 750                      | 450 | 13 | 19 | 163 | 113 | 30° | 219 | 123 | 219 | 259 | 23 | 38 |

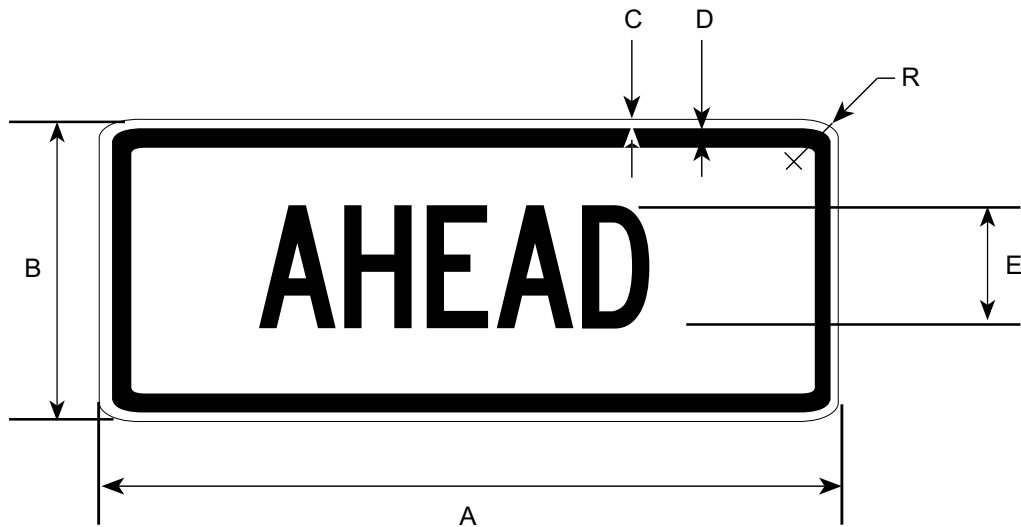
| DIMENSIONS (INCHES) |    |     |     |        |       |     |       |         |       |         |       |       |
|---------------------|----|-----|-----|--------|-------|-----|-------|---------|-------|---------|-------|-------|
| A                   | B  | C   | D   | E      | F     | G   | H     | J       | K     | L       | M     | R     |
| 24                  | 12 | 3/8 | 5/8 | 4 3/16 | 3     | 30° | 5 7/8 | 3 1/4   | 5 7/8 | 6 15/16 | 9/16  | 1 1/2 |
| 30                  | 18 | 1/2 | 3/4 | 6 1/2  | 4 1/2 | 30° | 8 3/4 | 4 15/16 | 8 3/4 | 10 3/8  | 15/16 | 1 1/2 |

## COLORS

LEGEND — BLACK (NON-REFL)  
 BACKGROUND — YELLOW (REFL)  
 OR FLUORESCENT  
 YELLOW GREEN (REFL)

# W16-9P

4/03



| DIMENSIONS (MILLIMETERS) |     |    |    |       |    |
|--------------------------|-----|----|----|-------|----|
| A                        | B   | C  | D  | E     | R  |
| 600                      | 250 | 9  | 16 | 100-C | 38 |
| 900                      | 375 | 16 | 22 | 200-C | 57 |
| 1200                     | 500 | 19 | 31 | 300-C | 75 |

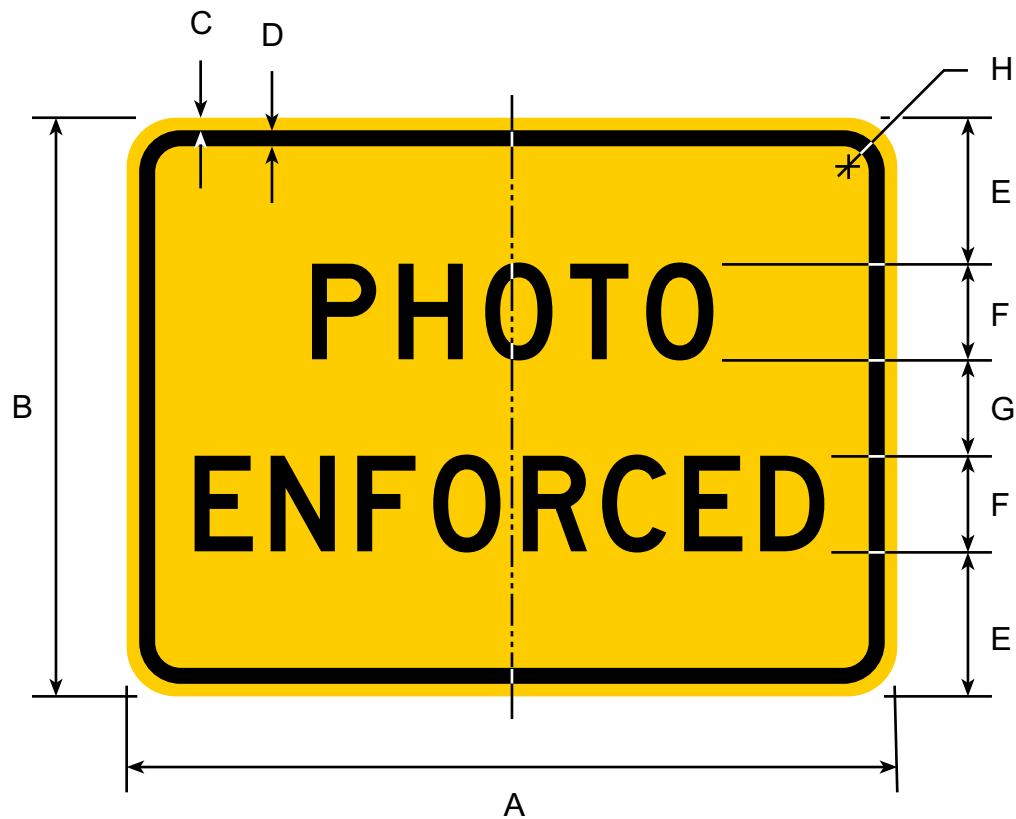
| DIMENSIONS (INCHES) |    |     |       |      |       |
|---------------------|----|-----|-------|------|-------|
| A                   | B  | C   | D     | E    | R     |
| 24                  | 10 | 3/8 | 5/8   | 4-C  | 1 1/2 |
| 36                  | 15 | 5/8 | 7/8   | 8-C  | 2 1/4 |
| 48                  | 20 | 3/4 | 1 1/4 | 10-C | 3     |

## COLORS

LEGEND — BLACK (NON-REFL)  
 BACKGROUND — YELLOW (REFL)  
 OR  
 FLUORESCENT YELLOW GREEN (REFL)

# W16-10

5/06



| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |     |    |
|--------------------------|-----|----|----|-----|------|-----|----|
| A                        | B   | C  | D  | E   | F    | G   | H  |
| 600                      | 450 | 9  | 16 | 88  | 100B | 75  | 38 |
| 900                      | 600 | 16 | 22 | 150 | 100D | 100 | 56 |
| 1200                     | 900 | 19 | 31 | 175 | 150D | 150 | 75 |

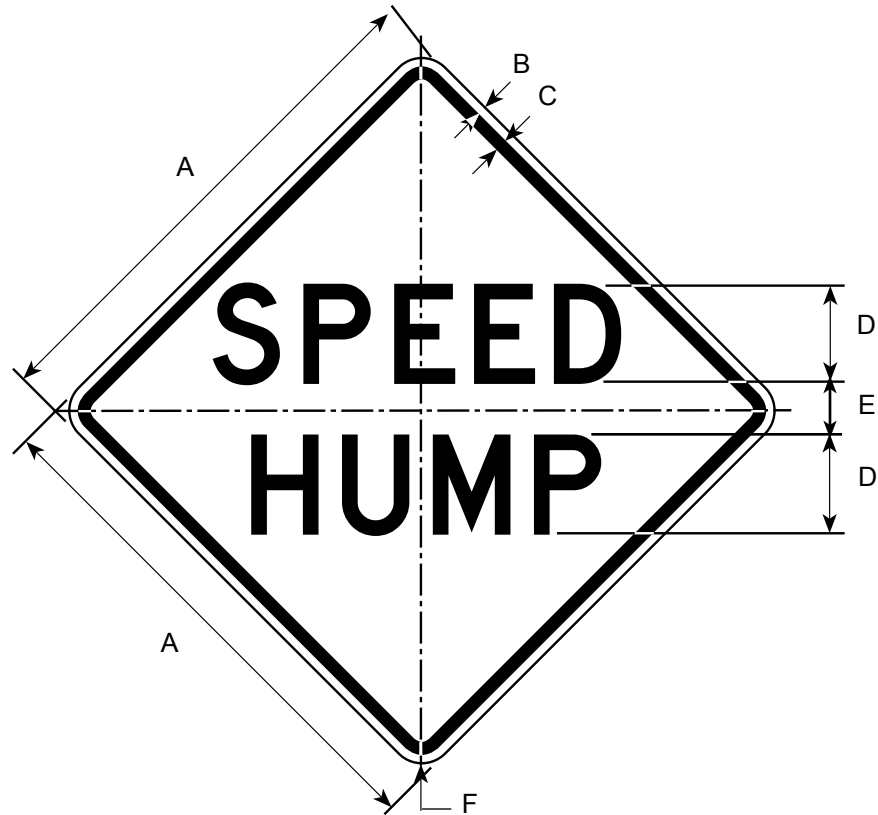
| DIMENSIONS (INCHES) |    |     |       |       |    |   |       |
|---------------------|----|-----|-------|-------|----|---|-------|
| A                   | B  | C   | D     | E     | F  | G | H     |
| 24                  | 18 | 3/8 | 5/8   | 3 1/2 | 4B | 3 | 1 1/2 |
| 36                  | 24 | 5/8 | 7/8   | 6     | 4D | 4 | 2 1/4 |
| 48                  | 36 | 3/4 | 1 1/4 | 9     | 6D | 6 | 3     |

## COLORS

LEGEND & BORDER - BLACK (NON-REFL)  
BACKGROUND - YELLOW (REFL)

# W17-1

6/03



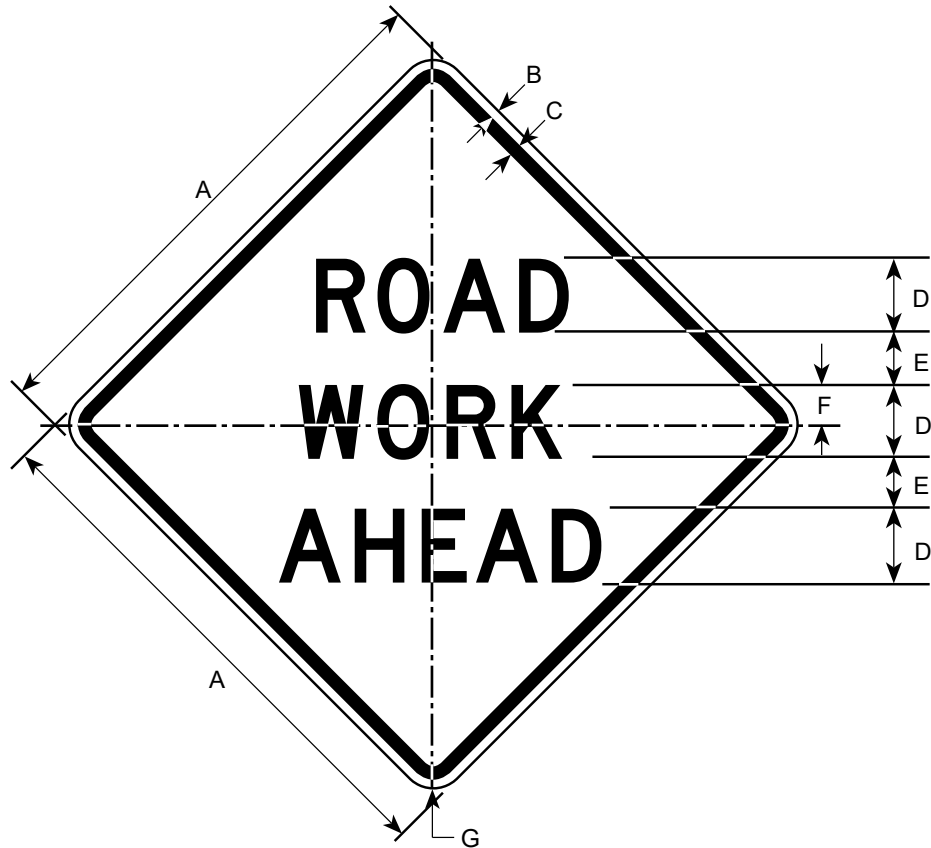
| DIMENSIONS (MILLIMETERS) |    |    |      |    |    |
|--------------------------|----|----|------|----|----|
| A                        | B  | C  | D    | E  | F  |
| 600                      | 9  | 16 | 100D | 50 | 38 |
| 750                      | 13 | 19 | 125D | 63 | 47 |
| 900                      | 16 | 22 | 150D | 75 | 56 |

| DIMENSIONS (INCHES) |     |     |    |       |       |
|---------------------|-----|-----|----|-------|-------|
| A                   | B   | C   | D  | E     | F     |
| 24                  | 3/8 | 5/8 | 4D | 2     | 1 1/2 |
| 30                  | 1/2 | 3/4 | 5D | 2 1/2 | 1 7/8 |
| 36                  | 5/8 | 7/8 | 6D | 3     | 2 1/4 |

COLORS  
 LEGEND - BLACK (NON-REFL)  
 BACKGROUND - YELLOW (REFL)

# W20-1

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |    |    |
|--------------------------|----|----|------|----|----|----|
| A                        | B  | C  | D    | E  | F  | G  |
| 750                      | 13 | 19 | 100D | 72 | 66 | 47 |
| 900                      | 16 | 22 | 125D | 88 | 81 | 56 |
| 1200                     | 22 | 31 | 175D | 11 | 11 | 75 |

| DIMENSIONS (INCHES) |     |       |    |       |       |       |
|---------------------|-----|-------|----|-------|-------|-------|
| A                   | B   | C     | D  | E     | F     | G     |
| 30                  | 1/2 | 3/4   | 4D | 2 7/8 | 2 5/8 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 5D | 3 1/2 | 3 1/4 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7D | 4 3/4 | 4 1/2 | 3     |

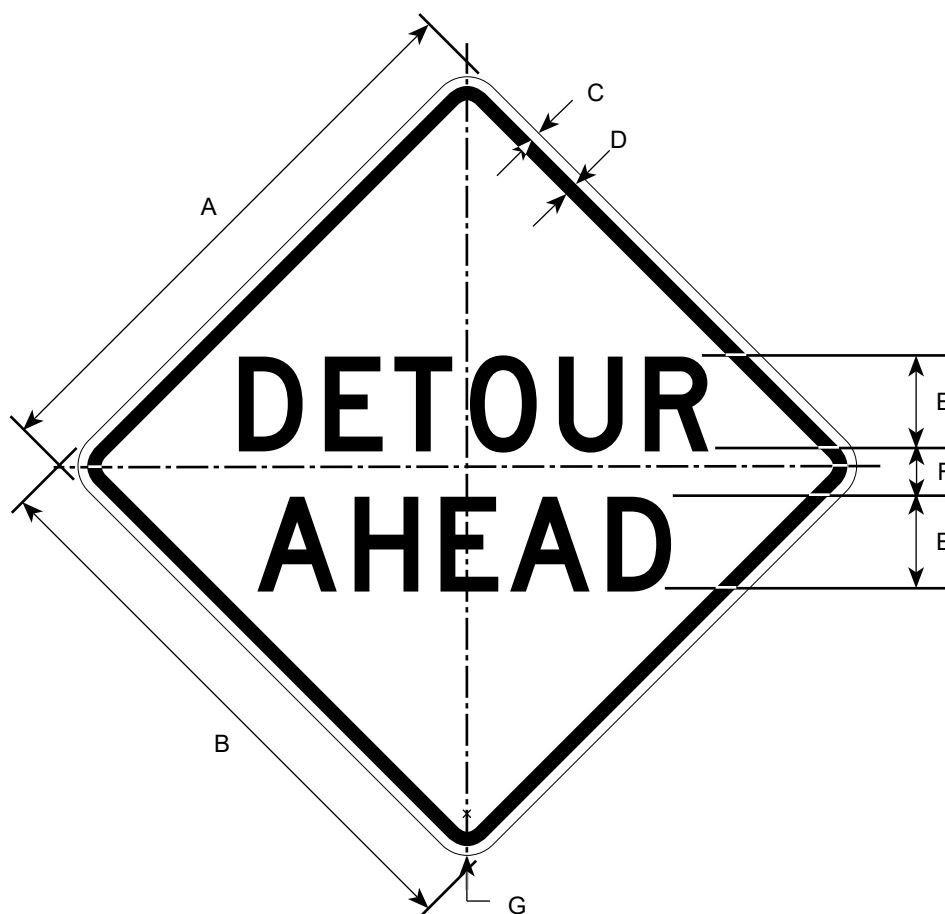
## COLORS

LEGEND - BLACK (NON-REFL.)  
BACKGROUND - ORANGE (REFL.)



# W20-2

11/97



| DIMENSIONS (MILLIMETERS) |      |    |    |      |    |    |
|--------------------------|------|----|----|------|----|----|
| A                        | B    | C  | D  | E    | F  | G  |
| 900                      | 900  | 16 | 22 | 150D | 88 | 56 |
| 1200                     | 1200 | 19 | 31 | 200D | 11 | 75 |

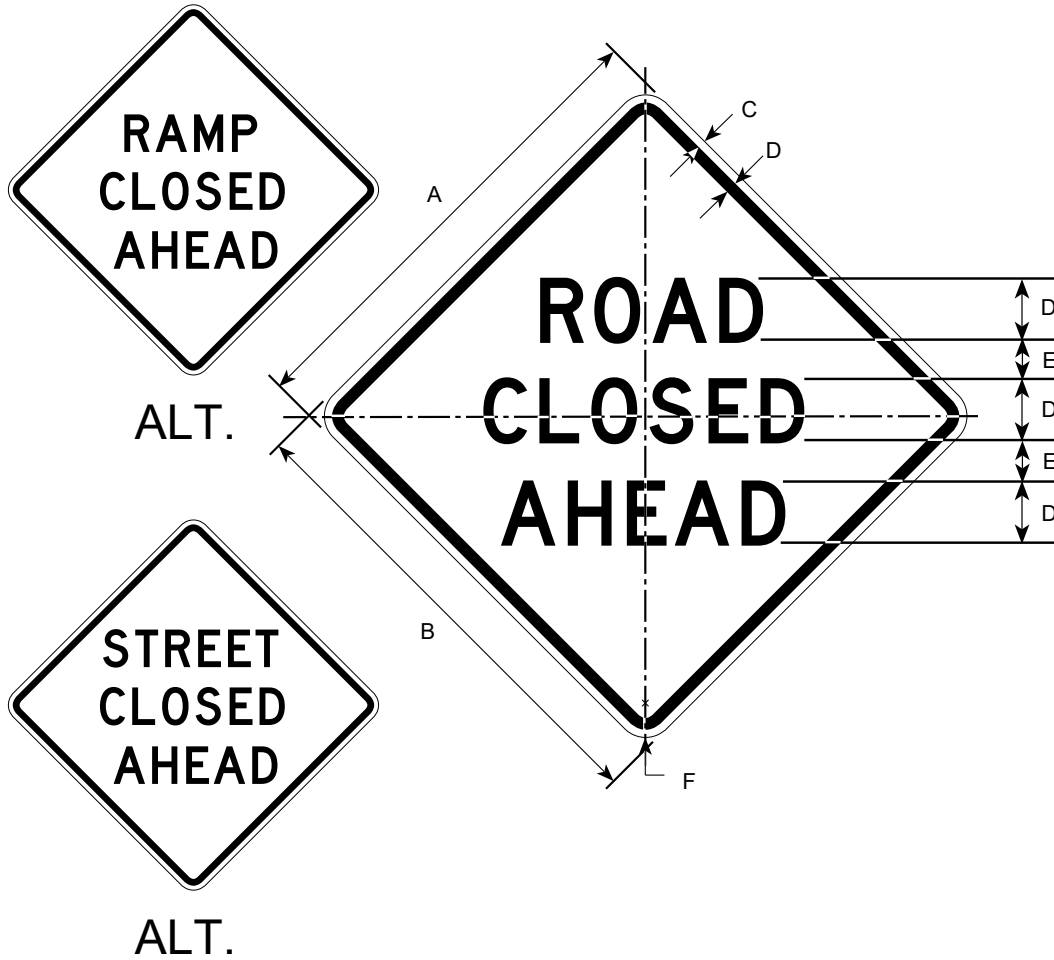
| DIMENSIONS (INCHES) |    |     |       |    |       |       |
|---------------------|----|-----|-------|----|-------|-------|
| A                   | B  | C   | D     | E  | F     | G     |
| 36                  | 36 | 5/8 | 7/8   | 6D | 3 1/2 | 2 1/4 |
| 48                  | 48 | 3/4 | 1 1/4 | 8D | 4 1/4 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# W20-3

11/03



| DIMENSIONS (MILLIMETERS) |      |    |    |      |    |
|--------------------------|------|----|----|------|----|
| A                        | B    | C  | D  | E    | F  |
| 900                      | 900  | 16 | 22 | 125D | 56 |
| 1200                     | 1200 | 19 | 31 | 175D | 75 |

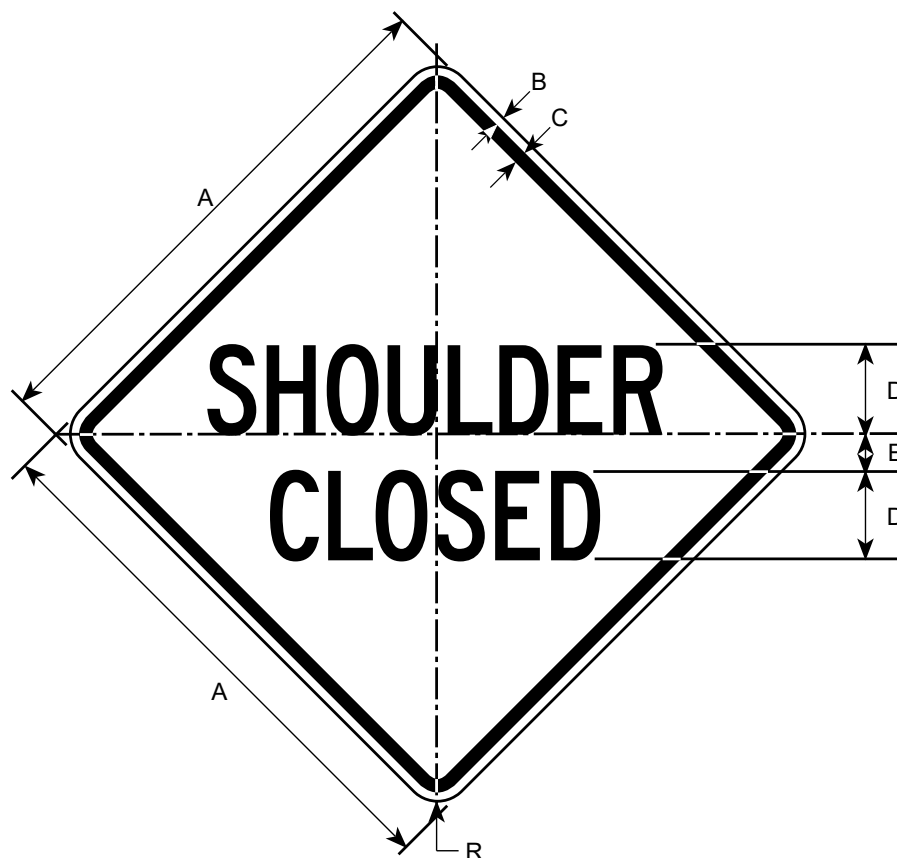
| DIMENSIONS (INCHES) |    |     |       |    |       |
|---------------------|----|-----|-------|----|-------|
| A                   | B  | C   | D     | E  | F     |
| 36                  | 36 | 5/8 | 7/8   | 5D | 2 1/4 |
| 48                  | 48 | 3/4 | 1 1/4 | 7D | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# W20-301

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |    |
|--------------------------|----|----|------|----|----|
| A                        | B  | C  | D    | E  | R  |
| 600                      | 9  | 16 | 100C | 34 | 38 |
| 750                      | 13 | 19 | 125C | 47 | 47 |
| 900                      | 16 | 22 | 150C | 56 | 56 |
| 1200                     | 19 | 31 | 175C | 75 | 75 |

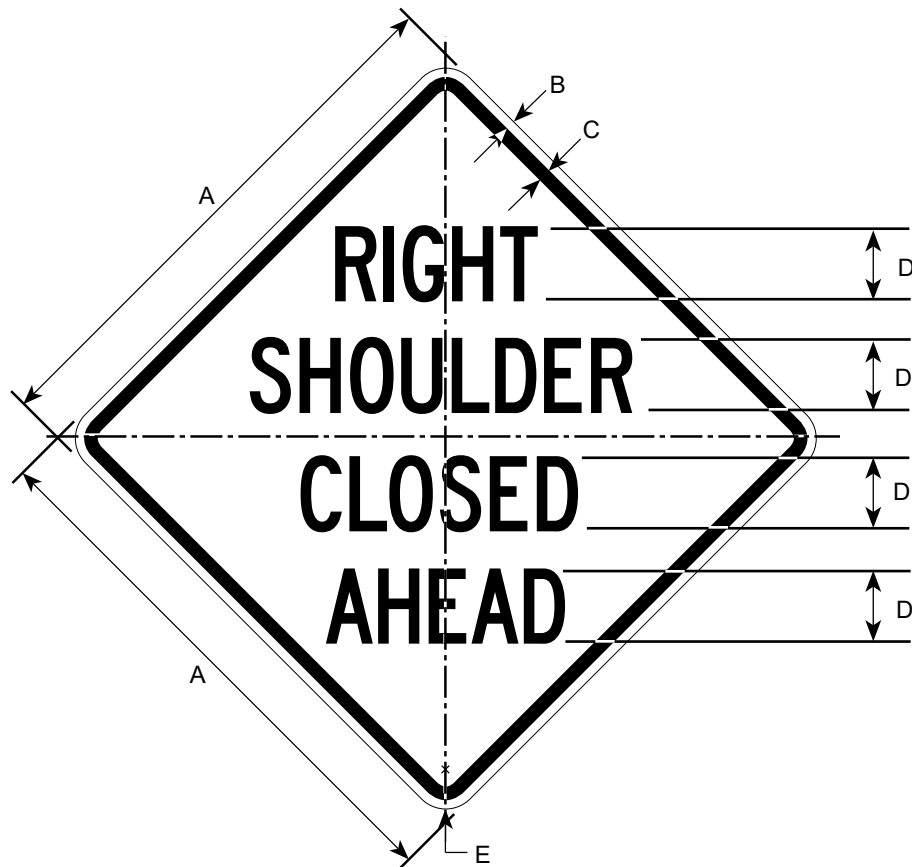
| DIMENSIONS (INCHES) |     |       |    |       |       |
|---------------------|-----|-------|----|-------|-------|
| A                   | B   | C     | D  | E     | R     |
| 24                  | 3/8 | 5/8   | 4C | 1 3/8 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 5C | 1 7/8 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6C | 2 1/4 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7C | 3     | 3     |

## COLORS

LEGEND - BLACK (NON-REFL.)  
BACKGROUND - ORANGE (REFL.)

# W20-303

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |
|--------------------------|----|----|------|----|
| A                        | B  | C  | D    | E  |
| 900                      | 16 | 22 | 125C | 56 |
| 1200                     | 19 | 31 | 150C | 75 |

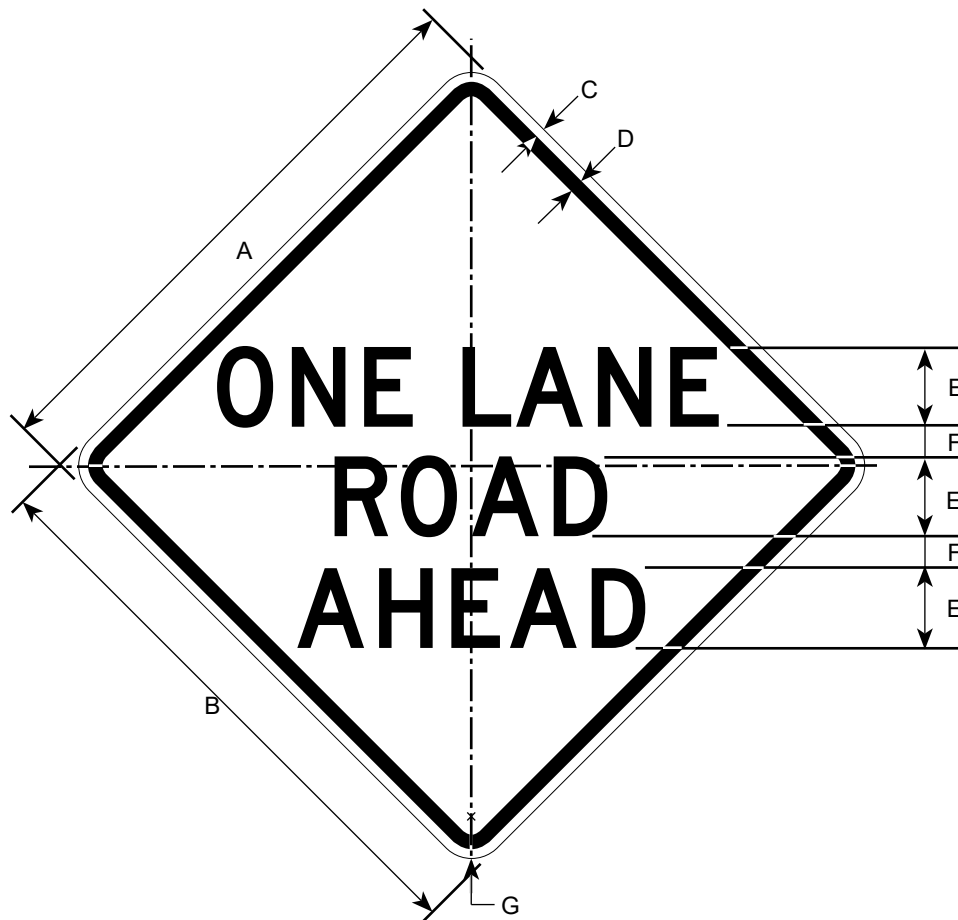
| DIMENSIONS (INCHES) |     |       |    |       |
|---------------------|-----|-------|----|-------|
| A                   | B   | C     | D  | E     |
| 36                  | 5/8 | 7/8   | 5C | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 6C | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# W20-4

11/97



| DIMENSIONS (MILLIMETERS) |      |    |      |     |    |    |
|--------------------------|------|----|------|-----|----|----|
| A                        | B    | C  | D    | E   | F  | G  |
| 900                      | 900  | 22 | 125C | 56  | 31 | 56 |
| 1200                     | 1200 | 31 | 175C | 109 | 44 | 75 |

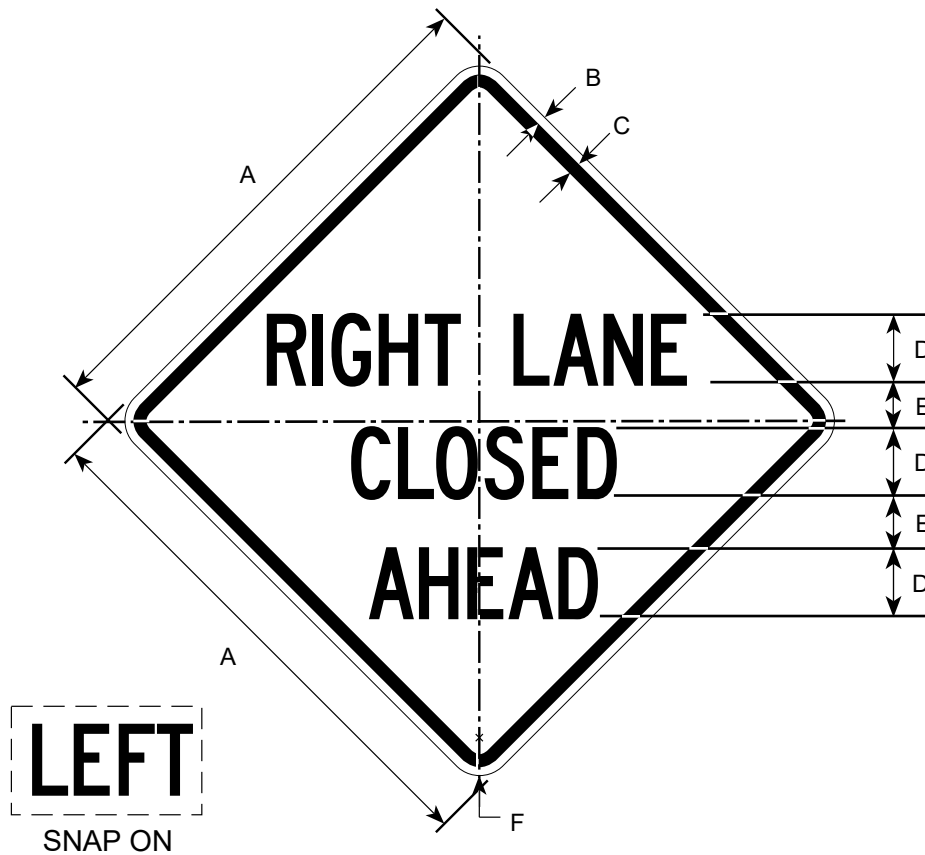
| DIMENSIONS (INCHES) |    |     |       |    |       |       |
|---------------------|----|-----|-------|----|-------|-------|
| A                   | B  | C   | D     | E  | F     | G     |
| 36                  | 36 | 5/8 | 7/8   | 5C | 2 1/4 | 2 1/4 |
| 48                  | 48 | 3/4 | 1 1/4 | 7C | 4 3/8 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# W20-5

11/97



## LINE 1 ALTERNATIVES

# LEFT LANE CENTER LANE

| DIMENSIONS (MILLIMETERS) |    |    |      |    |    |
|--------------------------|----|----|------|----|----|
| A                        | B  | C  | D    | E  | F  |
| 900                      | 16 | 22 | 125C | 69 | 56 |
| 1200                     | 19 | 31 | 150C | 84 | 97 |

| DIMENSIONS (INCHES) |     |       |    |       |       |
|---------------------|-----|-------|----|-------|-------|
| A                   | B   | C     | D  | E     | F     |
| 36                  | 5/8 | 7/8   | 5C | 2 3/4 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 6C | 3 3/8 | 3     |

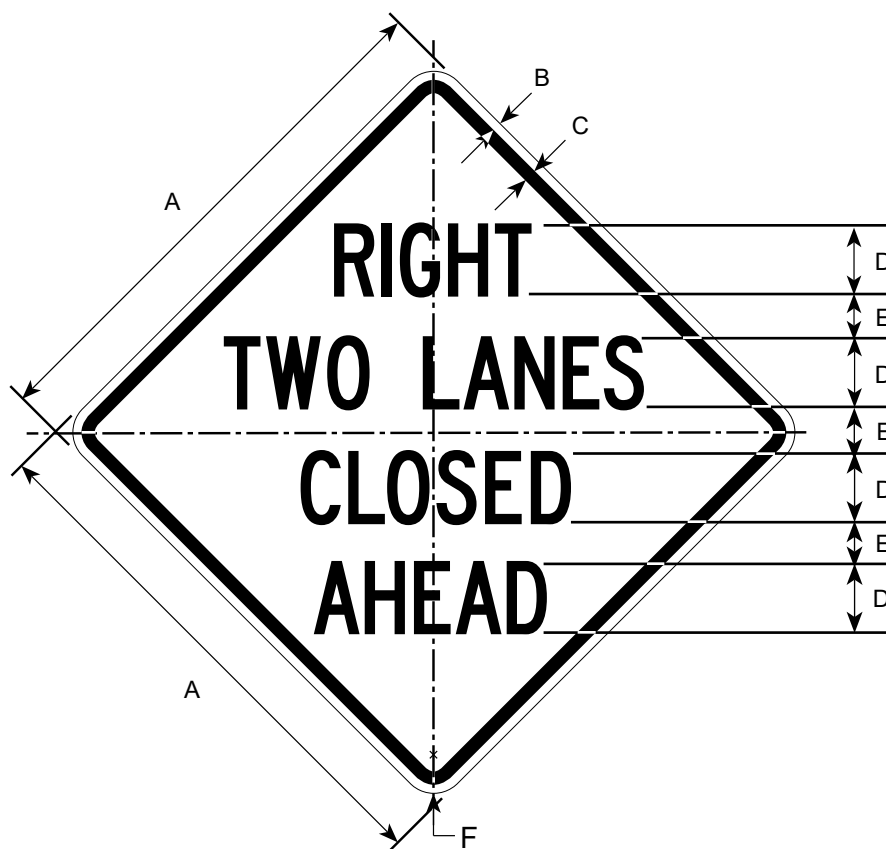
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - ORANGE (REFL)

# W20-501

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |    |
|--------------------------|----|----|------|----|----|
| A                        | B  | C  | D    | E  | F  |
| 750                      | 13 | 19 | 100C | 50 | 38 |
| 900                      | 16 | 22 | 125C | 59 | 47 |
| 1200                     | 19 | 31 | 175C | 75 | 56 |

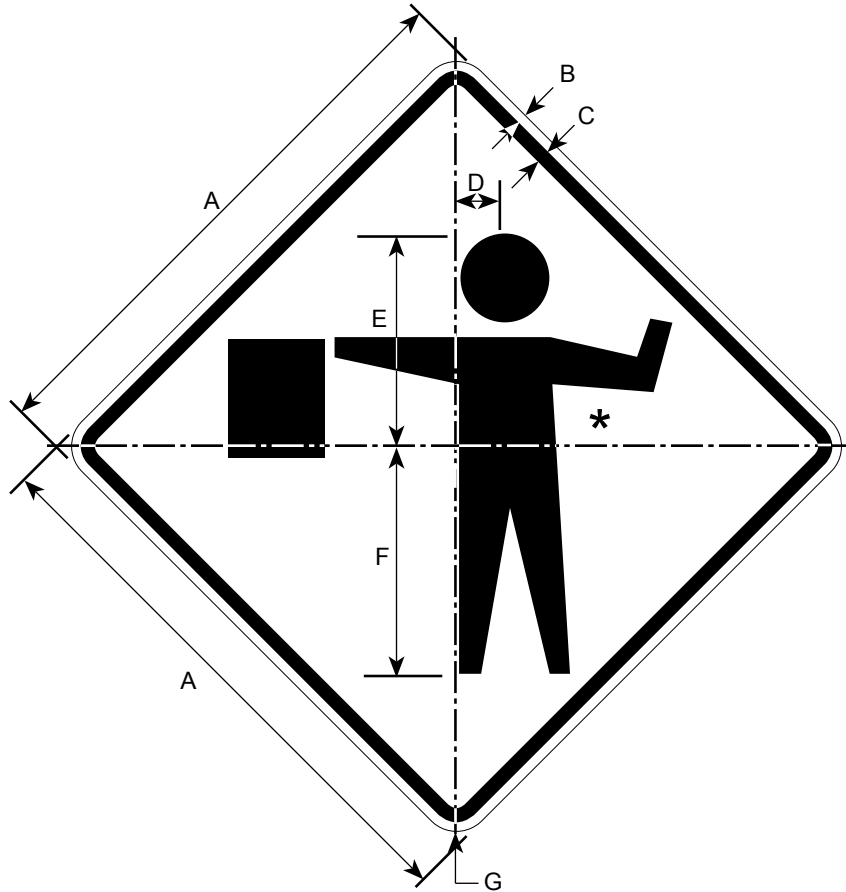
| DIMENSIONS (INCHES) |     |       |    |       |       |
|---------------------|-----|-------|----|-------|-------|
| A                   | B   | C     | D  | E     | F     |
| 30                  | 1/2 | 3/4   | 4C | 2     | 1 7/8 |
| 36                  | 5/8 | 7/8   | 5C | 2 3/8 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7C | 3     | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# W20-7A

11/97



\* SEE APPENDIX FOR SYMBOL DETAILS

| DIMENSIONS (MILLIMETERS) |    |    |    |     |     |    |
|--------------------------|----|----|----|-----|-----|----|
| A                        | B  | C  | D  | E   | F   | G  |
| 750                      | 13 | 19 | 56 | 281 | 303 | 47 |
| 900                      | 16 | 22 | 72 | 338 | 366 | 56 |
| 1200                     | 19 | 31 | 97 | 450 | 488 | 75 |

| DIMENSIONS (INCHES) |     |       |       |        |        |       |
|---------------------|-----|-------|-------|--------|--------|-------|
| A                   | B   | C     | D     | E      | F      | G     |
| 30                  | 1/2 | 3/4   | 2 1/4 | 11     | 12 1/8 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 2 3/4 | 13 1/2 | 14 5/8 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 3 3/4 | 18     | 19 1/2 | 3     |

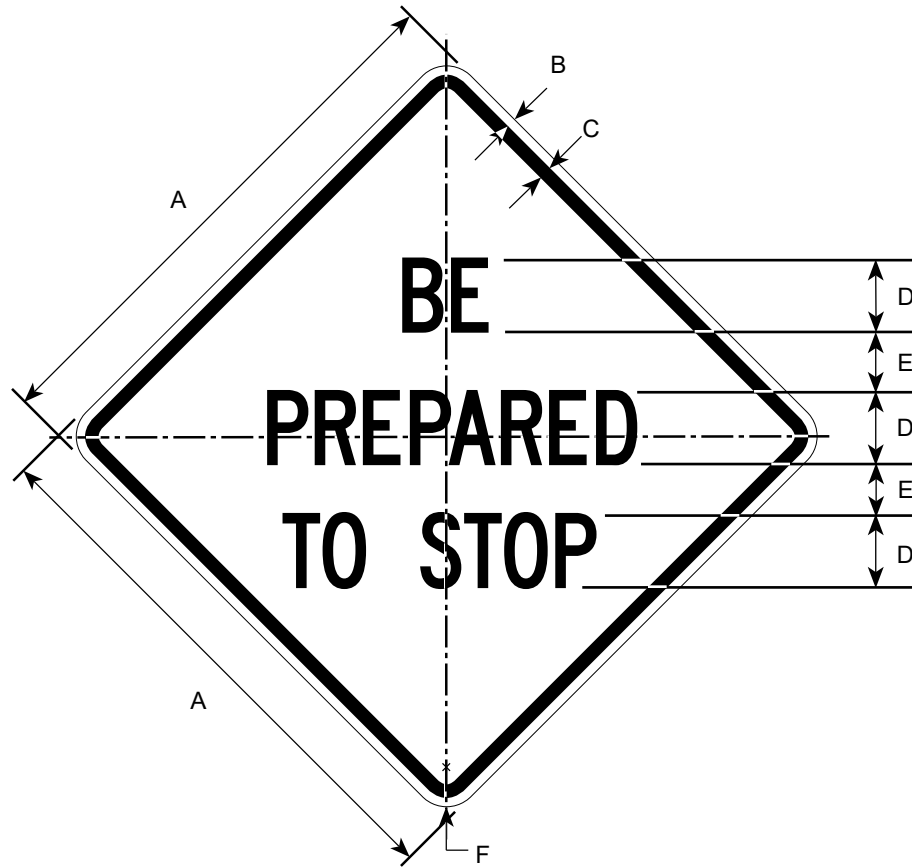
## COLORS

LEGEND - BLACK (NON-REFL.)  
BACKGROUND - ORANGE (REFL.)



# W20-7B

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |    |
|--------------------------|----|----|------|----|----|
| A                        | B  | C  | D    | E  | F  |
| 750                      | 13 | 19 | 125C | 50 | 38 |
| 900                      | 16 | 22 | 150C | 59 | 47 |
| 1200                     | 19 | 31 | 200C | 75 | 56 |

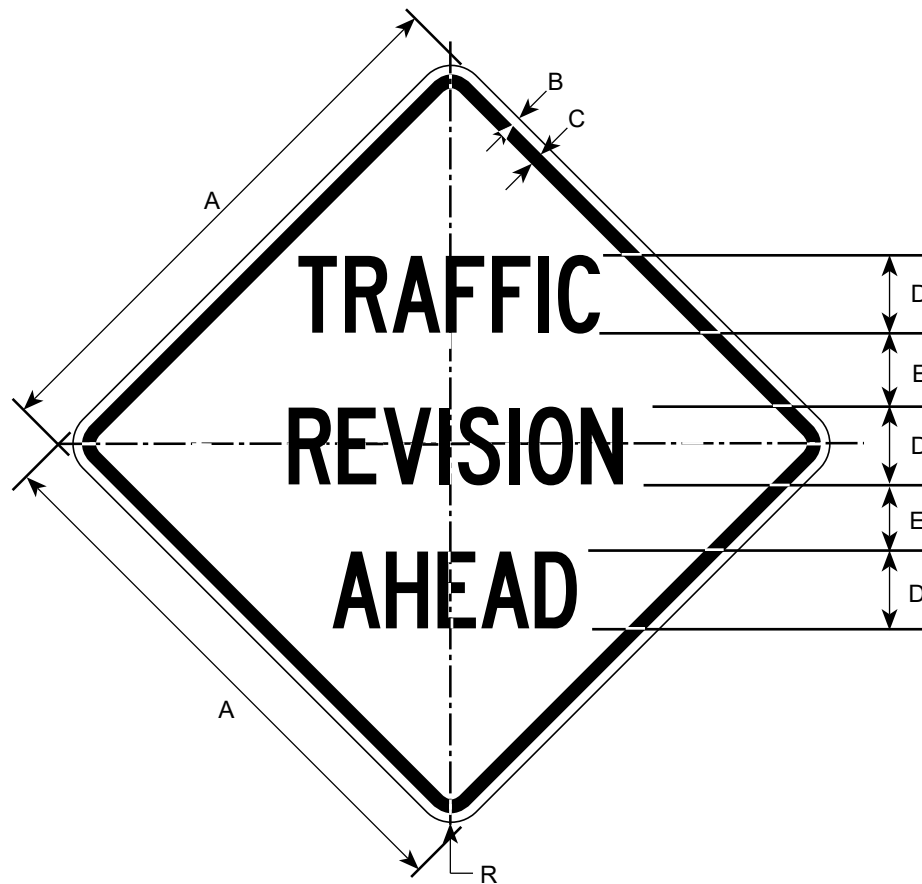
| DIMENSIONS (INCHES) |     |       |    |       |       |
|---------------------|-----|-------|----|-------|-------|
| A                   | B   | C     | D  | E     | F     |
| 30                  | 1/2 | 3/4   | 5C | 2     | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6C | 2 3/8 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8C | 3     | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# W20-901

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |    |
|--------------------------|----|----|------|----|----|
| A                        | B  | C  | D    | E  | R  |
| 750                      | 13 | 19 | 100C | 63 | 47 |
| 900                      | 16 | 22 | 125C | 81 | 56 |
| 1200                     | 19 | 31 | 175C | 11 | 75 |

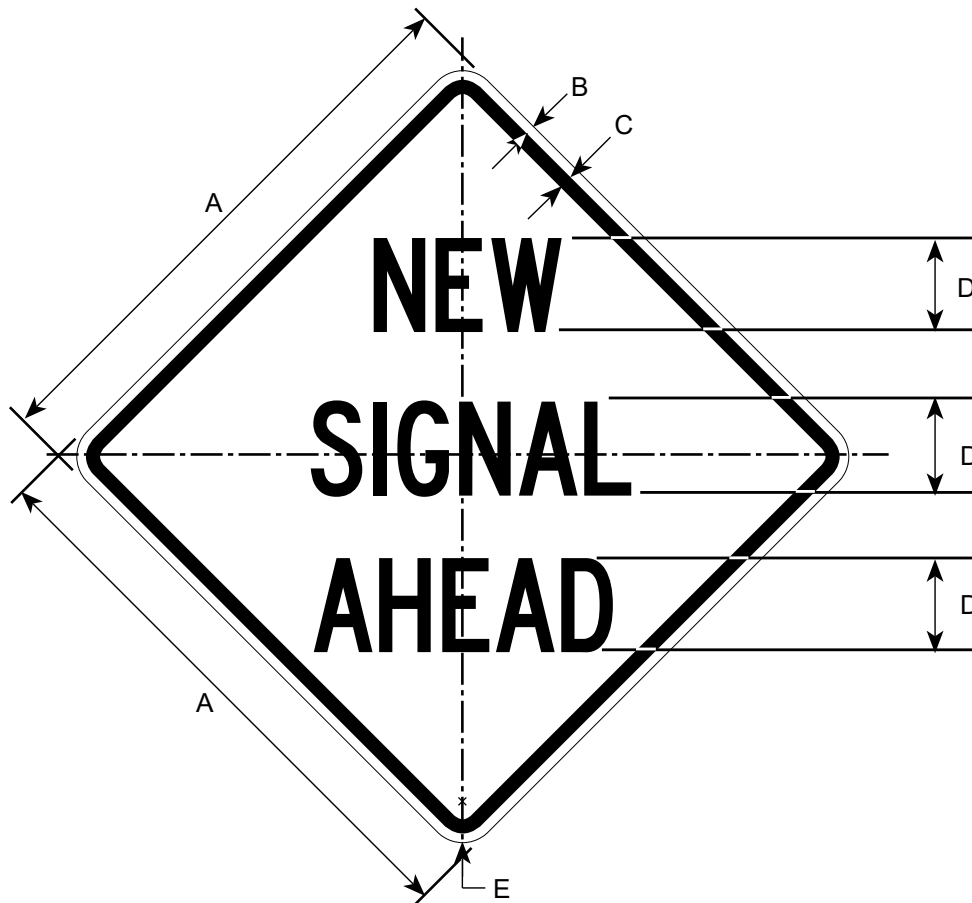
| DIMENSIONS (INCHES) |     |       |     |       |       |
|---------------------|-----|-------|-----|-------|-------|
| A                   | B   | C     | D   | E     | R     |
| 30                  | 1/2 | 3/4   | 4-C | 2 1/2 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 5-C | 3 1/4 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7-C | 4 1/2 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL.)  
BACKGROUND - ORANGE (REFL.)

# W20-902

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |
|--------------------------|----|----|------|----|
| A                        | B  | C  | D    | E  |
| 900                      | 16 | 22 | 150C | 56 |
| 1200                     | 19 | 31 | 175C | 75 |

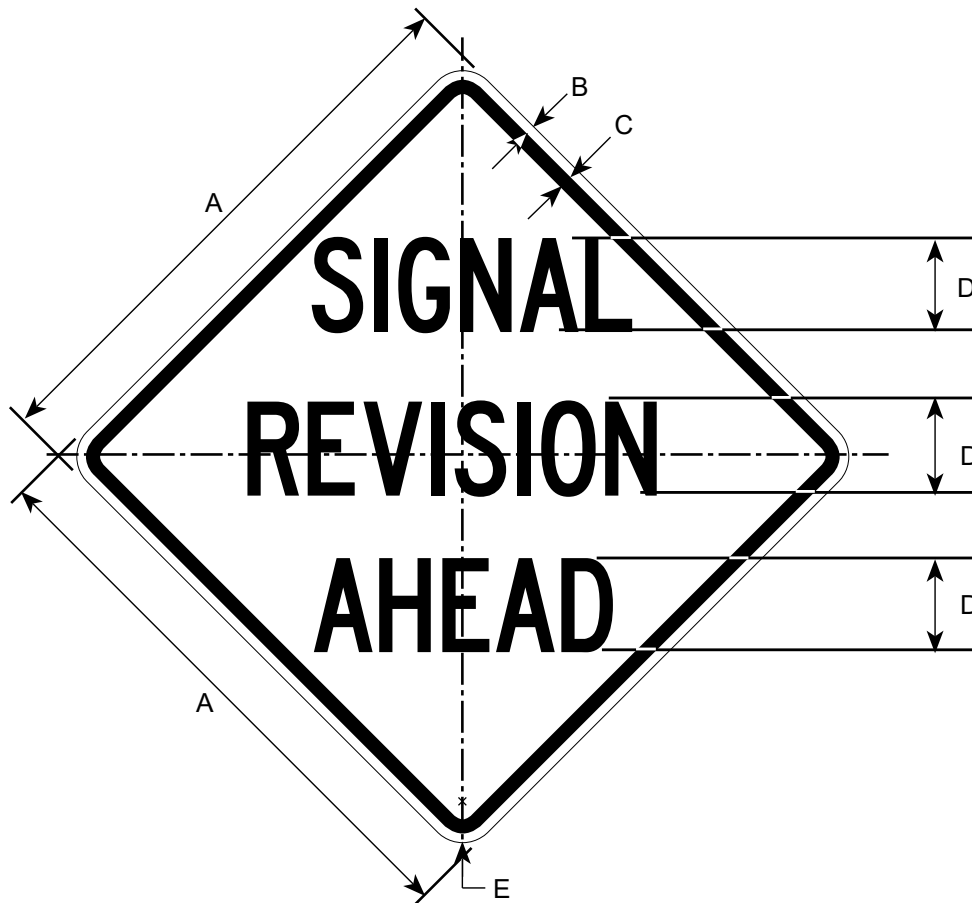
| DIMENSIONS (INCHES) |     |       |    |       |
|---------------------|-----|-------|----|-------|
| A                   | B   | C     | D  | E     |
| 36                  | 5/8 | 7/8   | 6C | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7C | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# W20-903

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |
|--------------------------|----|----|------|----|
| A                        | B  | C  | D    | E  |
| 900                      | 16 | 22 | 150C | 56 |
| 1200                     | 19 | 31 | 175C | 75 |

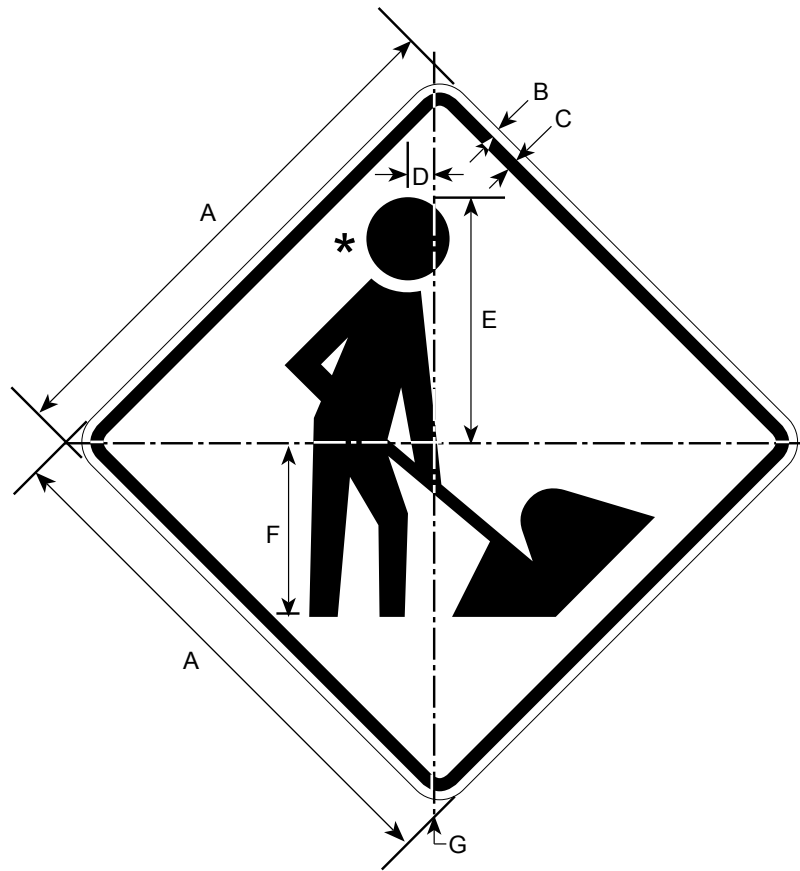
| DIMENSIONS (INCHES) |     |       |    |       |
|---------------------|-----|-------|----|-------|
| A                   | B   | C     | D  | E     |
| 36                  | 5/8 | 7/8   | 6C | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7C | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# W21-1A

11/97



\* SEE APPENDIX FOR SYMBOL DESIGN

| DIMENSIONS (MILLIMETERS) |    |    |    |     |     |    |
|--------------------------|----|----|----|-----|-----|----|
| A                        | B  | C  | D  | E   | F   | G  |
| 900                      | 13 | 19 | 47 | 350 | 250 | 47 |
| 750                      | 16 | 22 | 56 | 422 | 300 | 56 |
| 1200                     | 19 | 31 | 75 | 559 | 400 | 75 |

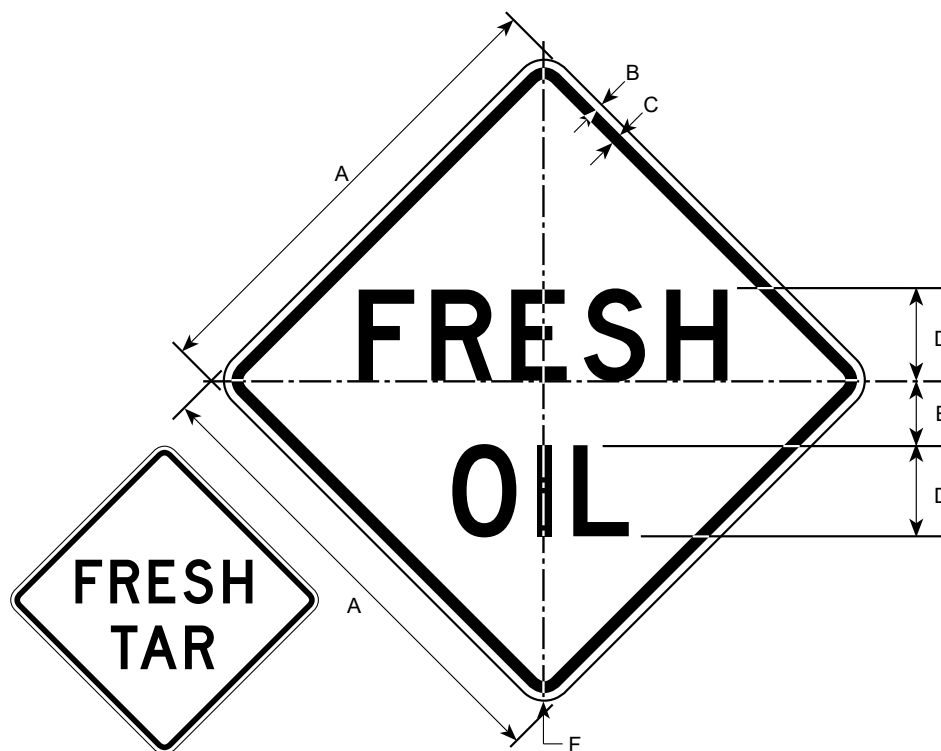
| DIMENSIONS (INCHES) |     |       |       |        |    |       |
|---------------------|-----|-------|-------|--------|----|-------|
| A                   | B   | C     | D     | E      | F  | G     |
| 30                  | 1/2 | 3/4   | 1 7/8 | 14     | 10 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 2 1/4 | 16 7/8 | 12 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 3     | 22 3/8 | 16 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL.)  
BACKGROUND - ORANGE (REFL.)

# W21-2

11/97



ALTERNATE

| DIMENSIONS (MILLIMETERS) |    |    |      |     |    |
|--------------------------|----|----|------|-----|----|
| A                        | B  | C  | D    | E   | F  |
| 600                      | 9  | 16 | 125D | 75  | 38 |
| 750                      | 13 | 19 | 150D | 100 | 47 |
| 900                      | 16 | 22 | 175D | 125 | 56 |
| 1200                     | 22 | 28 | 225D | 175 | 75 |

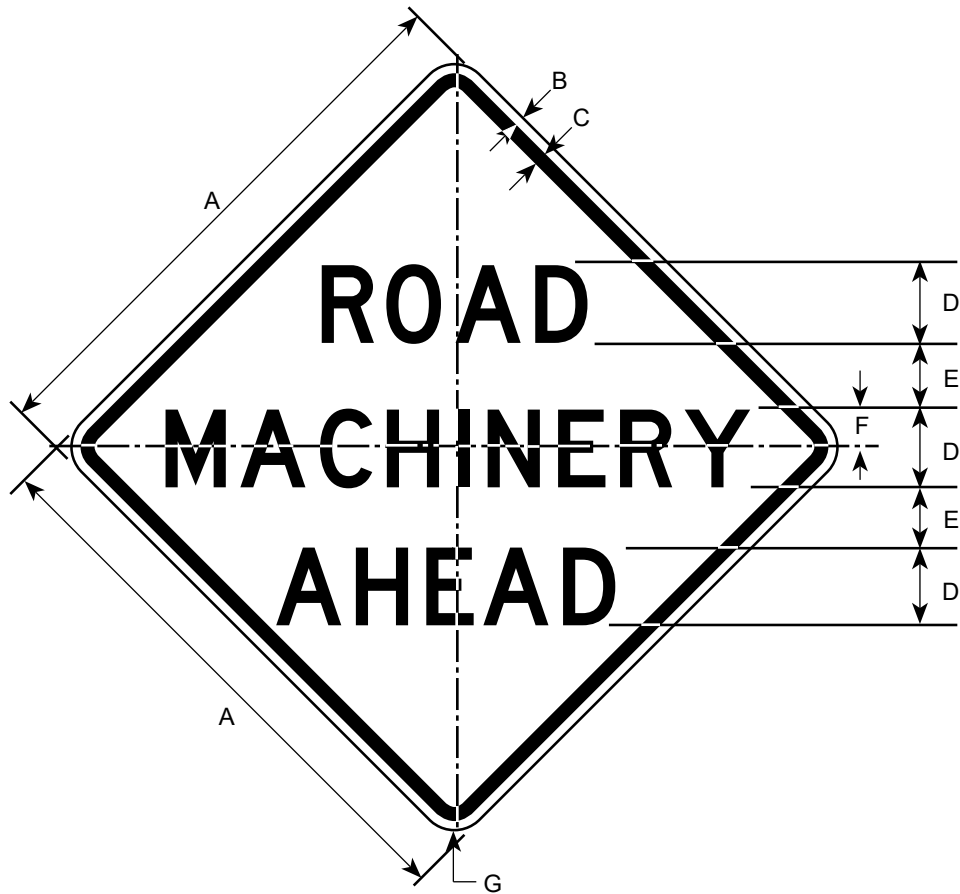
| DIMENSIONS (INCHES) |     |       |    |   |       |
|---------------------|-----|-------|----|---|-------|
| A                   | B   | C     | D  | E | F     |
| 24                  | 3/8 | 5/8   | 5D | 3 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 6D | 4 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 7D | 5 | 2 1/4 |
| 48                  | 7/8 | 1 1/8 | 9D | 7 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL.)  
BACKGROUND - ORANGE (REFL.)

# W21-3

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |     |    |    |
|--------------------------|----|----|------|-----|----|----|
| A                        | B  | C  | D    | E   | F  | G  |
| 750                      | 13 | 19 | 100D | 88  | 50 | 47 |
| 900                      | 16 | 22 | 125D | 100 | 56 | 56 |
| 1200                     | 19 | 31 | 175D | 125 | 88 | 75 |

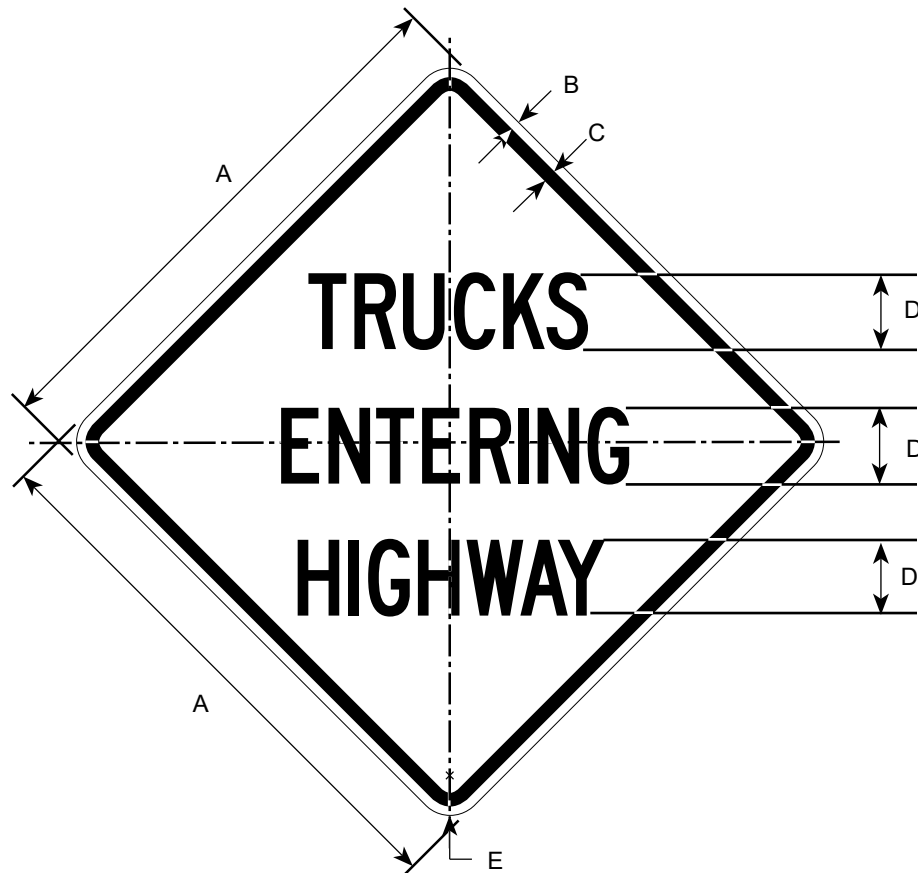
| DIMENSIONS (INCHES) |     |       |    |       |       |       |
|---------------------|-----|-------|----|-------|-------|-------|
| A                   | B   | C     | D  | E     | F     | G     |
| 30                  | 1/2 | 3/4   | 4D | 3 1/2 | 2     | 1 7/8 |
| 36                  | 5/8 | 7/8   | 5D | 4     | 2 1/2 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7D | 5     | 3 1/2 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
 BAKCGROUND - ORANGE (REFL)

# W21-30

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |
|--------------------------|----|----|------|----|
| A                        | B  | C  | D    | E  |
| 900                      | 16 | 22 | 125C | 63 |
| 1200                     | 19 | 31 | 175C | 88 |

| DIMENSIONS (INCHES) |     |       |    |       |
|---------------------|-----|-------|----|-------|
| A                   | B   | C     | D  | E     |
| 36                  | 5/8 | 7/8   | 5C | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7C | 3     |

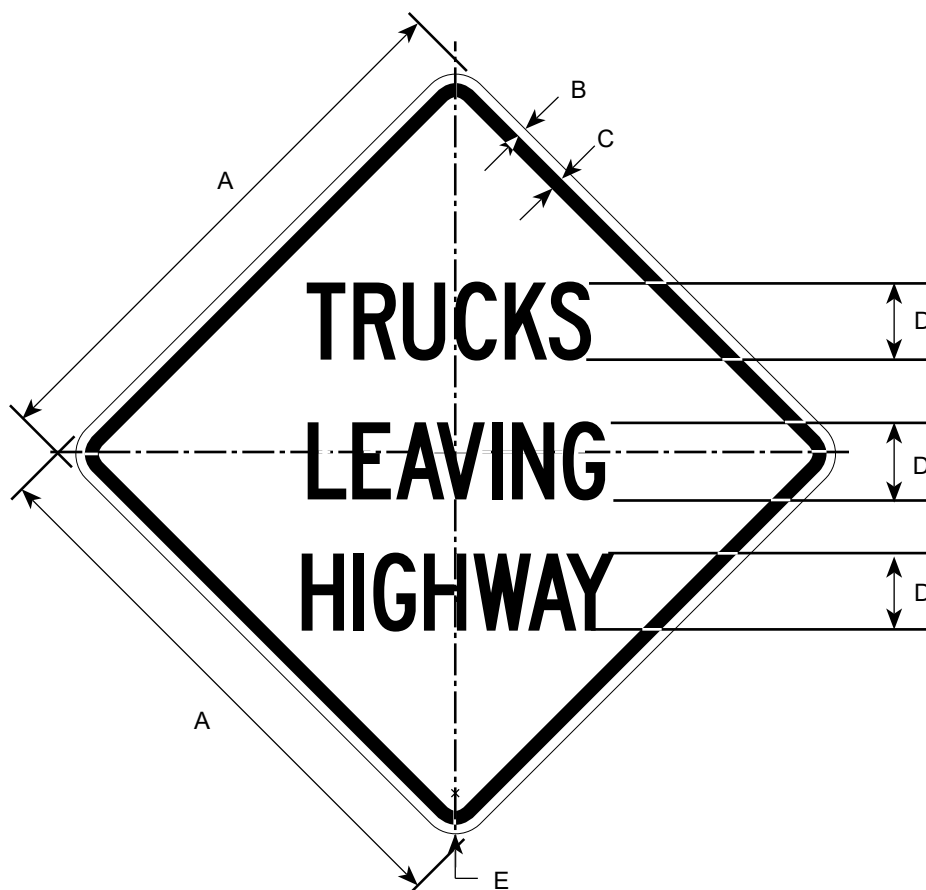
## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)



# W21-30A

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |
|--------------------------|----|----|------|----|
| A                        | B  | C  | D    | E  |
| 900                      | 16 | 22 | 125C | 63 |
| 1200                     | 19 | 31 | 175C | 88 |

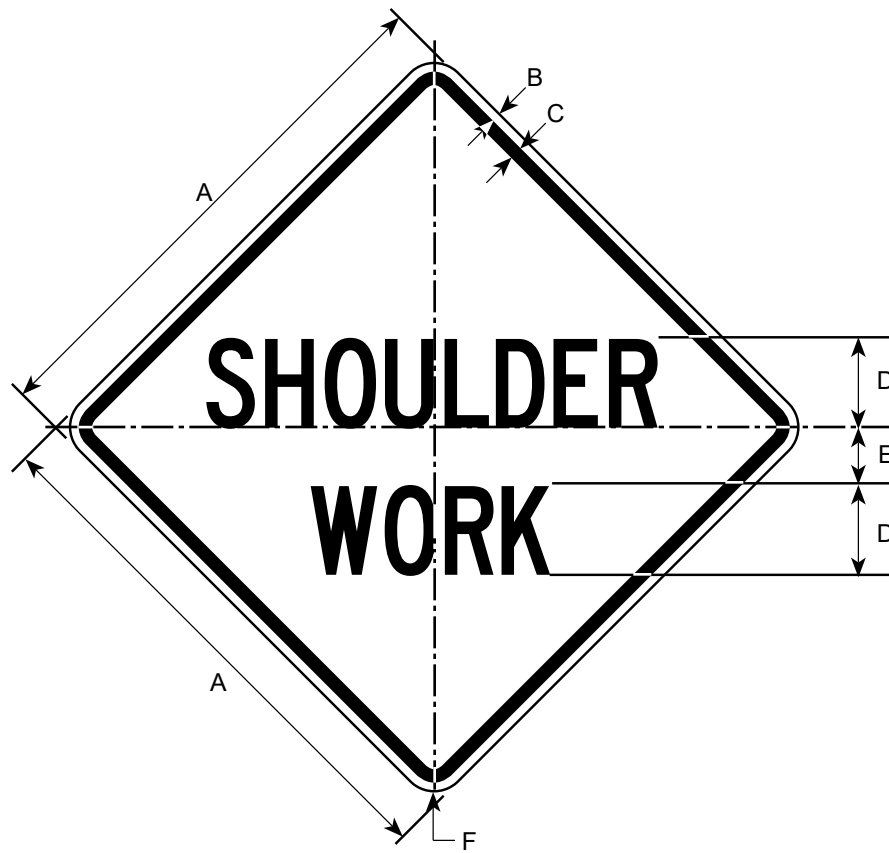
| DIMENSIONS (INCHES) |     |       |    |       |
|---------------------|-----|-------|----|-------|
| A                   | B   | C     | D  | E     |
| 36                  | 5/8 | 7/8   | 5C | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7C | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# W21-5

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |    |
|--------------------------|----|----|------|----|----|
| A                        | B  | C  | D    | E  | F  |
| 600                      | 9  | 16 | 100C | 63 | 38 |
| 750                      | 13 | 19 | 125C | 75 | 47 |
| 900                      | 16 | 22 | 150C | 88 | 56 |
| 1200                     | 19 | 31 | 200C | 11 | 75 |

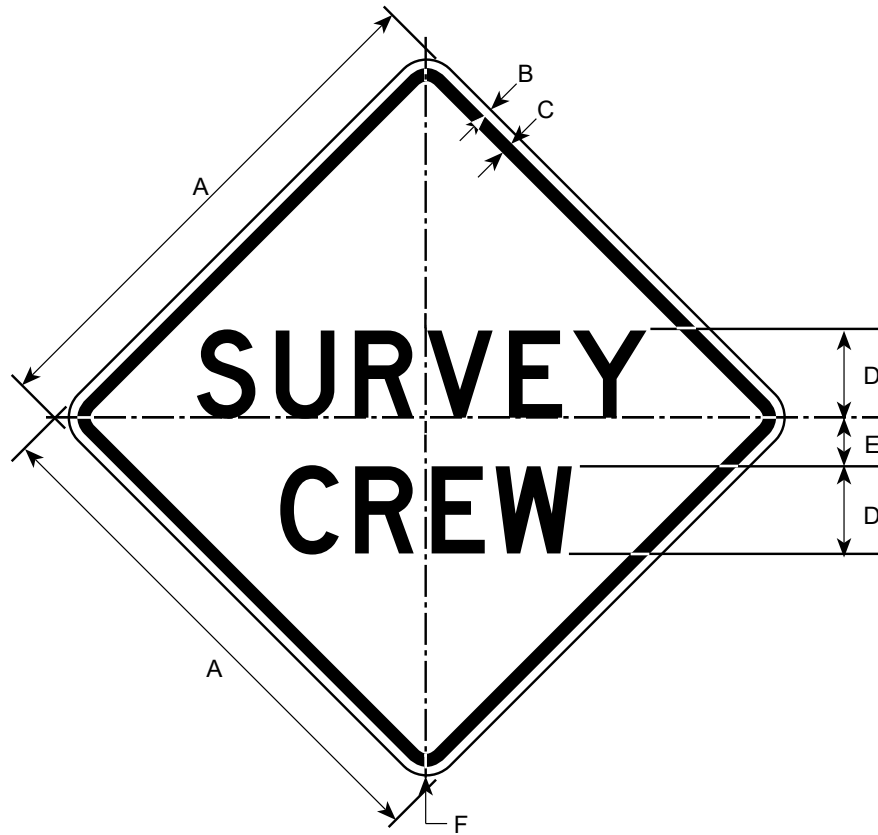
| DIMENSIONS (INCHES) |     |       |    |       |       |
|---------------------|-----|-------|----|-------|-------|
| A                   | B   | C     | D  | E     | F     |
| 24                  | 3/8 | 5/8   | 4C | 2 1/2 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 5C | 3     | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6C | 3 1/2 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8C | 4 1/2 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL.)  
 BAKCGROUND - ORANGE (REFL.)

# W21-6

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |    |
|--------------------------|----|----|------|----|----|
| A                        | B  | C  | D    | E  | F  |
| 600                      | 9  | 16 | 100D | 63 | 38 |
| 750                      | 13 | 19 | 125D | 75 | 47 |
| 900                      | 16 | 22 | 150D | 88 | 56 |
| 1200                     | 19 | 31 | 200D | 11 | 75 |

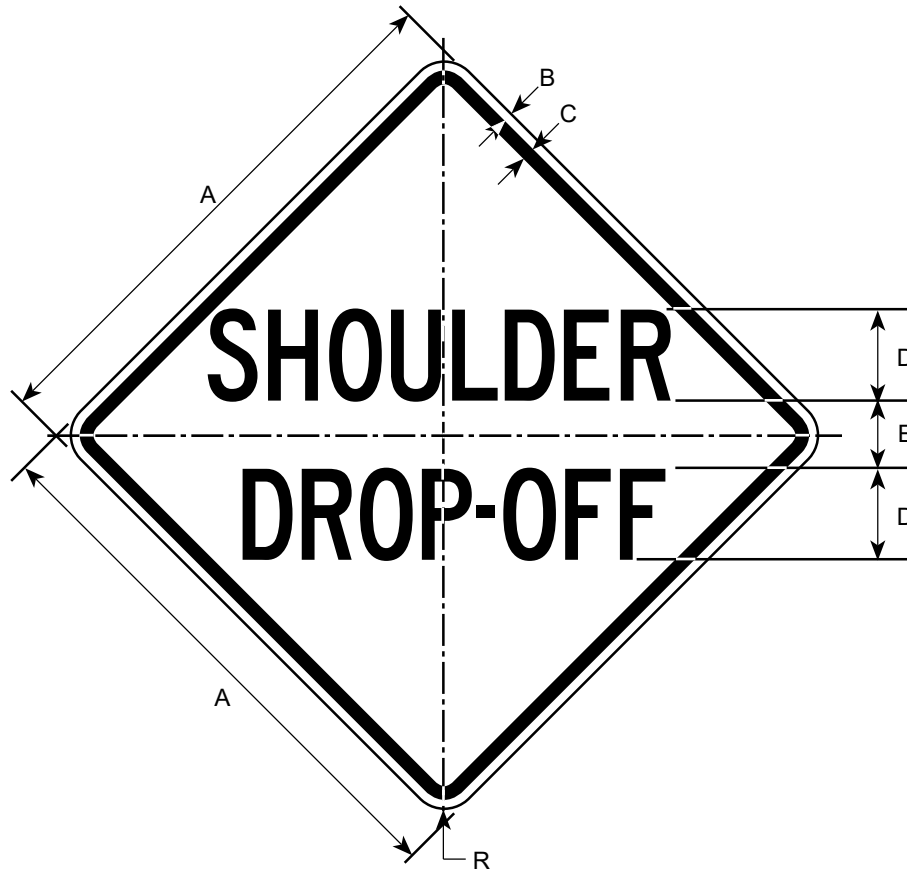
| DIMENSIONS (INCHES) |     |       |    |       |       |
|---------------------|-----|-------|----|-------|-------|
| A                   | B   | C     | D  | E     | F     |
| 24                  | 3/8 | 5/8   | 4D | 2 1/2 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 5D | 3     | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6D | 3 1/2 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8D | 4 1/2 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL.)  
BACKGROUND - ORANGE (REFL.)

# W21-701

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |     |    |
|--------------------------|----|----|------|-----|----|
| A                        | B  | C  | D    | E   | R  |
| 600                      | 9  | 16 | 100C | 69  | 38 |
| 750                      | 13 | 19 | 125C | 94  | 47 |
| 900                      | 16 | 22 | 150C | 11  | 56 |
| 1200                     | 19 | 31 | 175C | 150 | 75 |

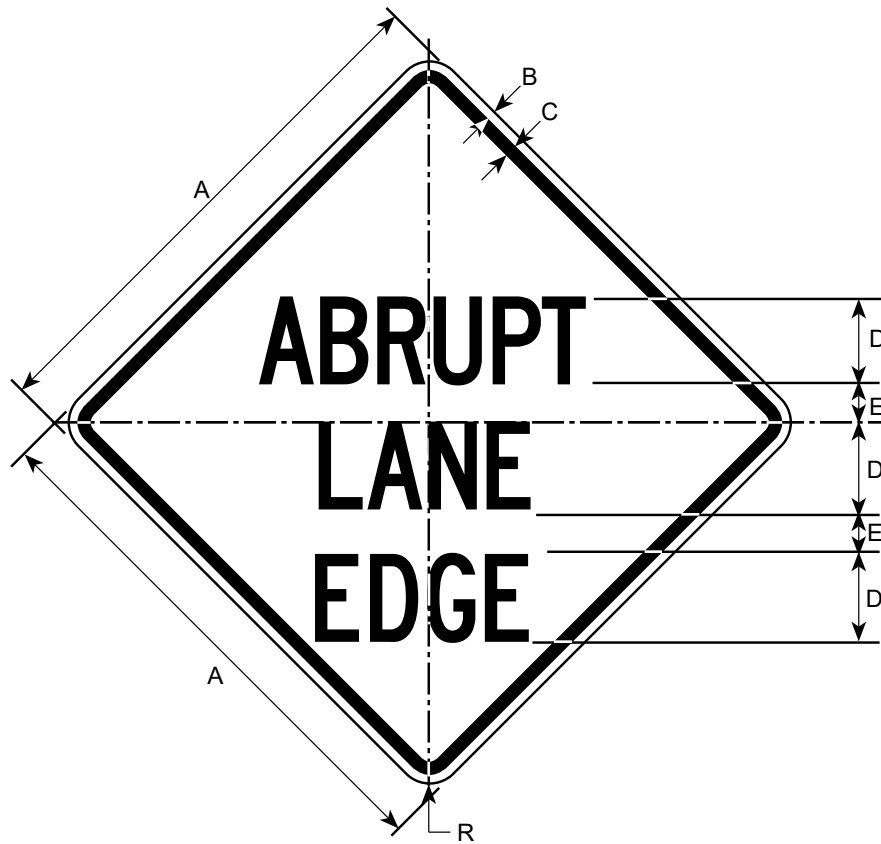
| DIMENSIONS (INCHES) |     |       |    |       |       |
|---------------------|-----|-------|----|-------|-------|
| A                   | B   | C     | D  | E     | R     |
| 24                  | 3/8 | 5/8   | 4C | 2 3/4 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 5C | 3 3/4 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6C | 4 1/2 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7C | 6     | 3     |

## COLORS

LEGEND - BLACK (NON-REFL.)  
BACKGROUND - ORANGE (REFL.)

# W21-801

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |    |
|--------------------------|----|----|------|----|----|
| A                        | B  | C  | D    | E  | R  |
| 600                      | 9  | 16 | 100C | 44 | 38 |
| 750                      | 13 | 19 | 125C | 47 | 47 |
| 900                      | 16 | 22 | 150C | 69 | 56 |
| 1200                     | 19 | 31 | 200C | 88 | 75 |

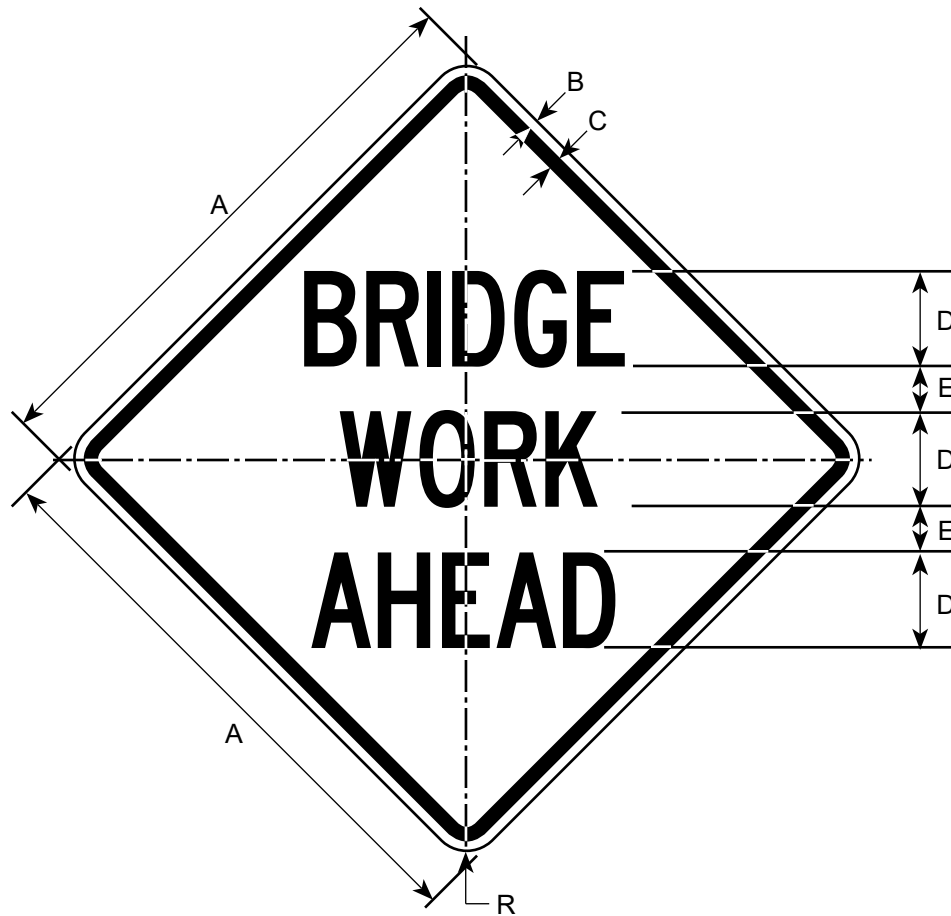
| DIMENSIONS (INCHES) |     |       |    |       |       |
|---------------------|-----|-------|----|-------|-------|
| A                   | B   | C     | D  | E     | R     |
| 24                  | 3/8 | 5/8   | 4C | 1 3/4 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 5C | 2 1/4 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6C | 2 3/4 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8C | 3 1/2 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL.)  
BACKGROUND - ORANGE (REFL.)

# W21-901

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |    |
|--------------------------|----|----|------|----|----|
| A                        | B  | C  | D    | E  | R  |
| 900                      | 16 | 22 | 150C | 69 | 56 |
| 1200                     | 19 | 31 | 200C | 88 | 75 |

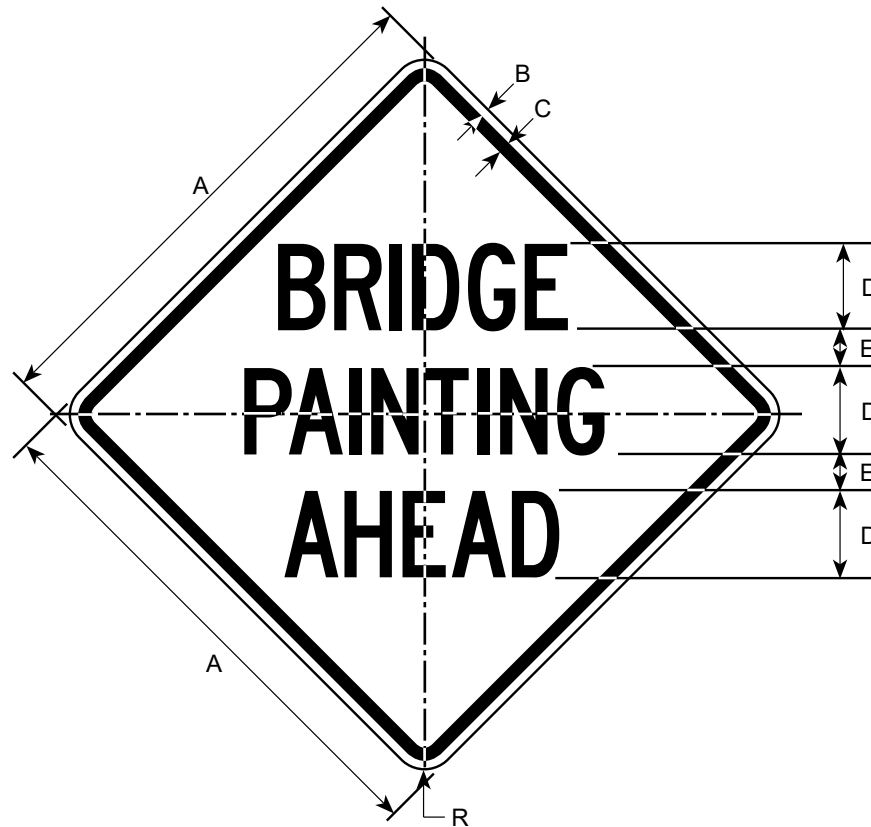
| DIMENSIONS (INCHES) |     |       |     |       |       |
|---------------------|-----|-------|-----|-------|-------|
| A                   | B   | C     | D   | E     | R     |
| 36                  | 5/8 | 7/8   | 6-C | 2 3/4 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8-C | 3 1/2 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL.)  
BACKGROUND - ORANGE (REFL.)

# W21-1001

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |    |    |
|--------------------------|----|----|------|----|----|
| A                        | B  | C  | D    | E  | R  |
| 600                      | 9  | 16 | 100C | 44 | 38 |
| 750                      | 13 | 19 | 125C | 47 | 47 |
| 900                      | 16 | 22 | 150C | 69 | 56 |
| 1200                     | 19 | 31 | 200C | 88 | 75 |

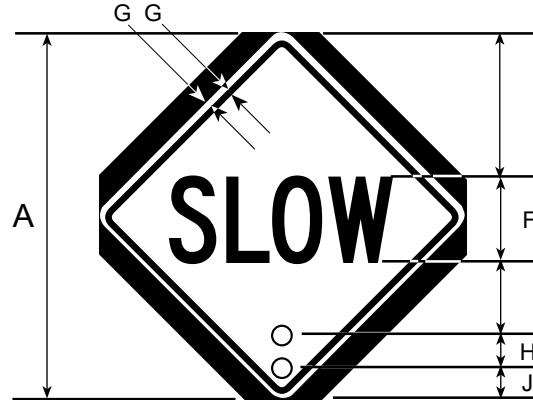
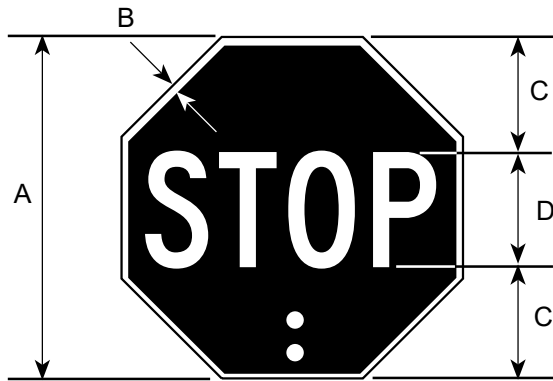
| DIMENSIONS (INCHES) |     |       |    |       |       |
|---------------------|-----|-------|----|-------|-------|
| A                   | B   | C     | D  | E     | R     |
| 24                  | 3/8 | 5/8   | 4C | 1 3/4 | 1 1/2 |
| 30                  | 1/2 | 3/4   | 5C | 2 1/4 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6C | 2 3/4 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8C | 3 1/2 | 3     |

## COLORS

LEGEND - BLACK (NON-REFL.)  
BACKGROUND - ORANGE (REFL.)

# W21-1201

6/03



| DIMENSIONS (MILLIMETERS) |    |     |      |     |      |   |    |    |                  |
|--------------------------|----|-----|------|-----|------|---|----|----|------------------|
| A                        | B  | C   | D    | E   | F    | G | H  | J  | PADDLE THICKNESS |
| 450                      | 9  | 150 | 150C | 350 | 150B | 9 | 75 | 50 | 1                |
| 650                      | 16 | 200 | 200C | 450 | 150C | 9 | 75 | 50 | 2                |

| DIMENSIONS (INCHES) |     |   |    |    |    |     |   |   |                  |
|---------------------|-----|---|----|----|----|-----|---|---|------------------|
| A                   | B   | C | D  | E  | F  | G   | H | J | PADDLE THICKNESS |
| 18                  | 3/8 | 6 | 6C | 14 | 6B | 3/8 | 3 | 2 | 0.040            |
| 26                  | 5/8 | 8 | 8C | 18 | 6C | 3/8 | 3 | 2 | 0.063            |

## COLORS

STOP FACE - WHITE (REFL) ON RED (REFL)

SLOW FACE - BLACK (NON-REFL) ON ORANGE (REFL)

Type II grade sheeting is recommended.

The area around the STOP face may be any non-reflective light color or black and the area around the SLOW face should be black.

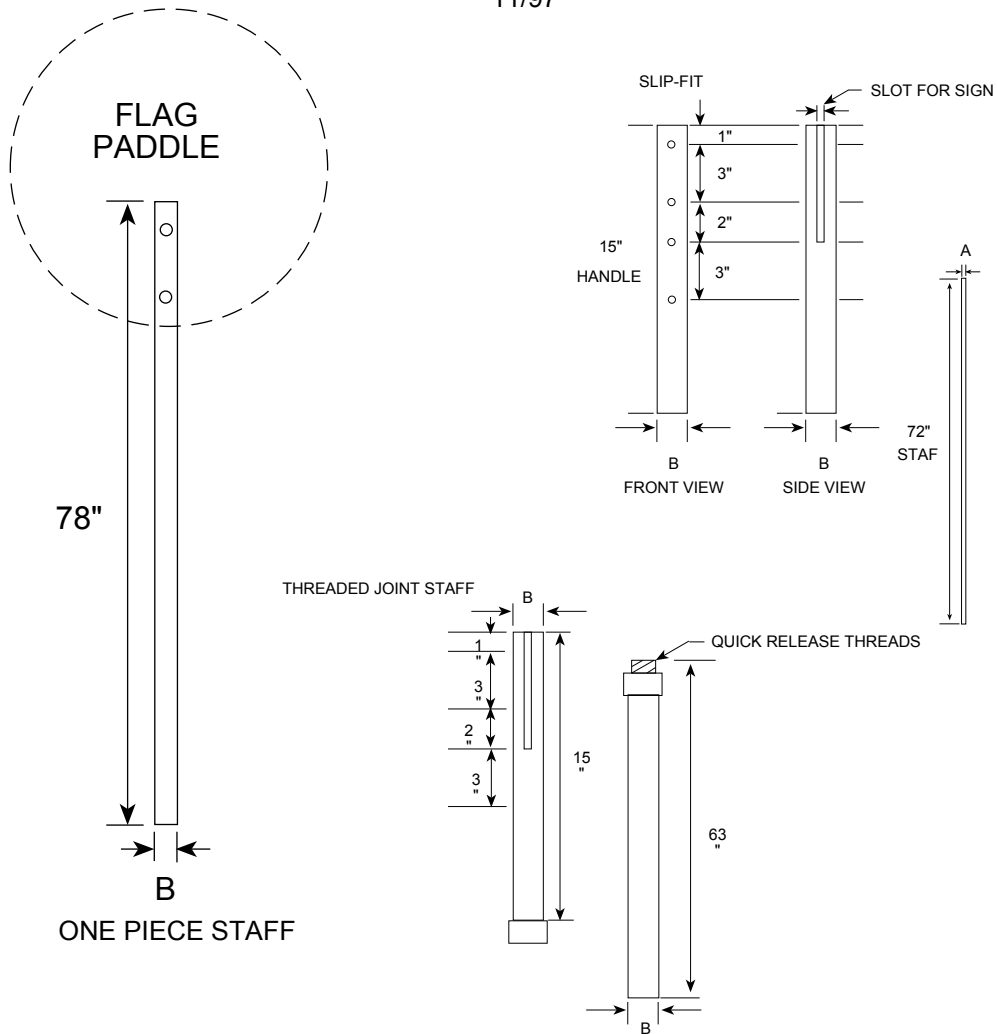
Aluminum of the depth shown shall be used for the paddle material. Other material, when approved, may be used and shall exhibit comparable rigidity and durability values.

NOTE; Flagmans paddles shall have reflectorized faces unless otherwise requested or indicated.



# W21-1202

11/97



## MILLIMETERS

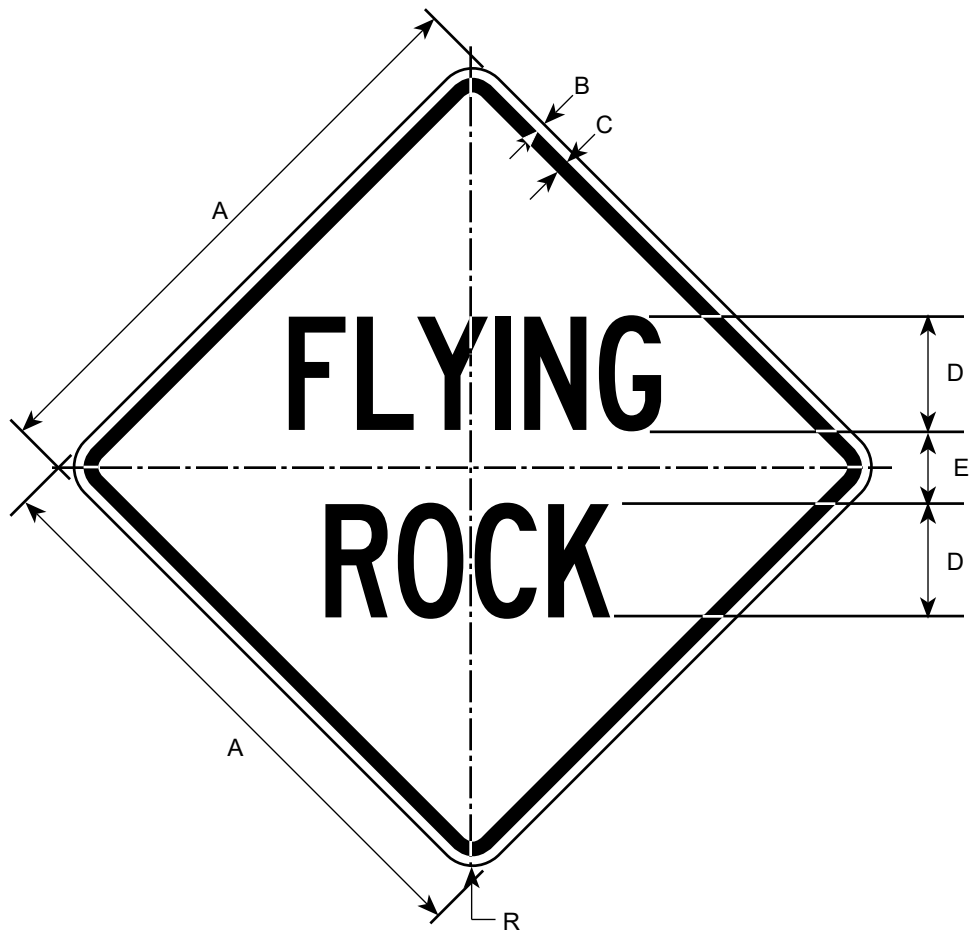
| ALUMINUM TUBING<br>SLIP-FIT STAFF |    | STD. ALUMINUM PIPE<br>SLIP-FIT STAFF |    | TYPE II 40 PVC COND.<br>SLIP-FIT STAFF |    | THREADED JT. STAFF |    |
|-----------------------------------|----|--------------------------------------|----|----------------------------------------|----|--------------------|----|
| A                                 | B  | A                                    | B  | A                                      | B  | A                  | B  |
| 31                                | 38 | 25                                   | 31 | 25                                     | 31 | N.A.               | 31 |

## INCHES

| ALUMINUM TUBING<br>SLIP-FIT STAFF |       | STD. ALUMINUM PIPE<br>SLIP-FIT STAFF |       | TYPE II 40 PVC COND.<br>SLIP-FIT STAFF |       | THREADED JT. STAFF |       |
|-----------------------------------|-------|--------------------------------------|-------|----------------------------------------|-------|--------------------|-------|
| A                                 | B     | A                                    | B     | A                                      | B     | A                  | B     |
| 1 1/4                             | 1 1/2 | 1                                    | 1 1/4 | 1                                      | 1 1/4 | N.A.               | 1 1/4 |

# W21-1601

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |     |    |
|--------------------------|----|----|------|-----|----|
| A                        | B  | C  | D    | E   | R  |
| 750                      | 13 | 19 | 150C | 100 | 47 |
| 900                      | 16 | 22 | 175C | 11  | 56 |
| 1200                     | 19 | 31 | 200C | 150 | 75 |

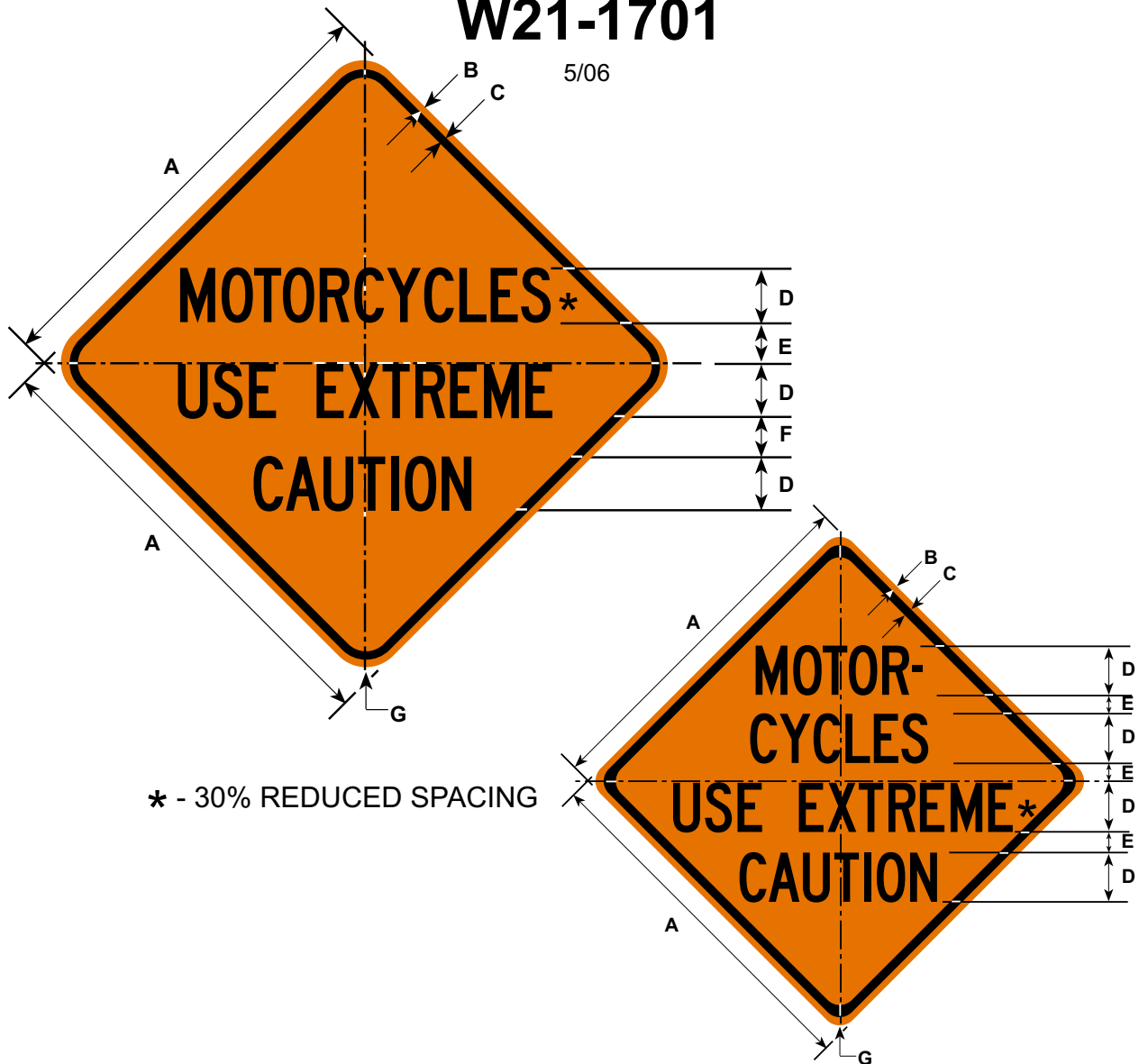
| DIMENSIONS (INCHES) |     |       |    |       |       |
|---------------------|-----|-------|----|-------|-------|
| A                   | B   | C     | D  | E     | R     |
| 30                  | 1/2 | 3/4   | 6C | 4     | 1 7/8 |
| 36                  | 5/8 | 7/8   | 7C | 4 3/4 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8C | 6     | 3     |

## COLORS

LEGEND - BLACK (NON-REFL.)  
BACKGROUND - ORANGE (REFL.)

# W21-1701

5/06



| DIMENSIONS (MILLIMETERS) |    |    |      |     |    |    |
|--------------------------|----|----|------|-----|----|----|
| A                        | B  | C  | D    | E   | F  | G  |
| 900                      | 16 | 22 | 125C | 50  | -  | 56 |
| 1200                     | 19 | 31 | 150C | 100 | 38 | 75 |

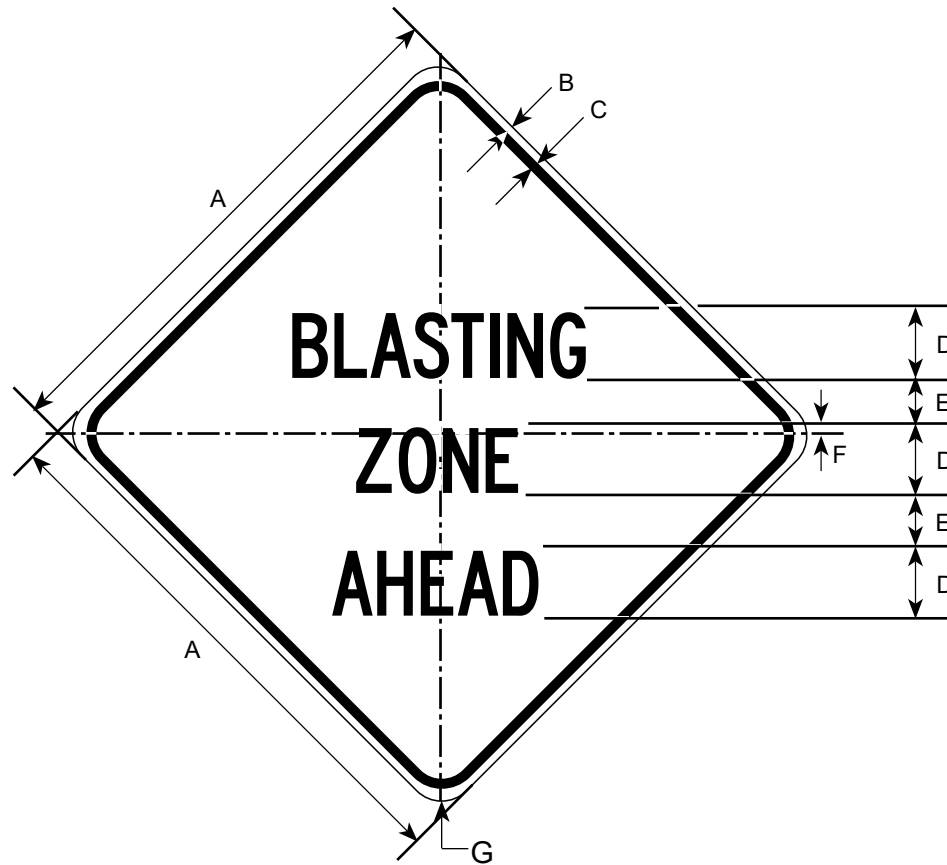
| DIMENSIONS (INCHES) |     |       |    |       |       |       |
|---------------------|-----|-------|----|-------|-------|-------|
| A                   | B   | C     | D  | E     | F     | G     |
| 36                  | 5/8 | 7/8   | 5C | 2     | -     | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 6C | 2 1/4 | 3 3/8 | 3     |

## COLORS

LEGEND—BLACK (NON-REFL)  
BACKGROUND—ORANGE (REFL)

# W22-1

12/94



| DIMENSIONS (MILLIMETERS) |    |    |      |     |    |    |
|--------------------------|----|----|------|-----|----|----|
| A                        | B  | C  | D    | E   | F  | G  |
| 900                      | 16 | 22 | 125C | 75  | 25 | 56 |
| 1200                     | 19 | 31 | 175C | 100 | 38 | 75 |

| DIMENSIONS (INCHES) |     |       |    |   |       |       |
|---------------------|-----|-------|----|---|-------|-------|
| A                   | B   | C     | D  | E | F     | G     |
| 36                  | 5/8 | 7/8   | 5C | 3 | 1     | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7C | 4 | 1 1/2 | 3     |

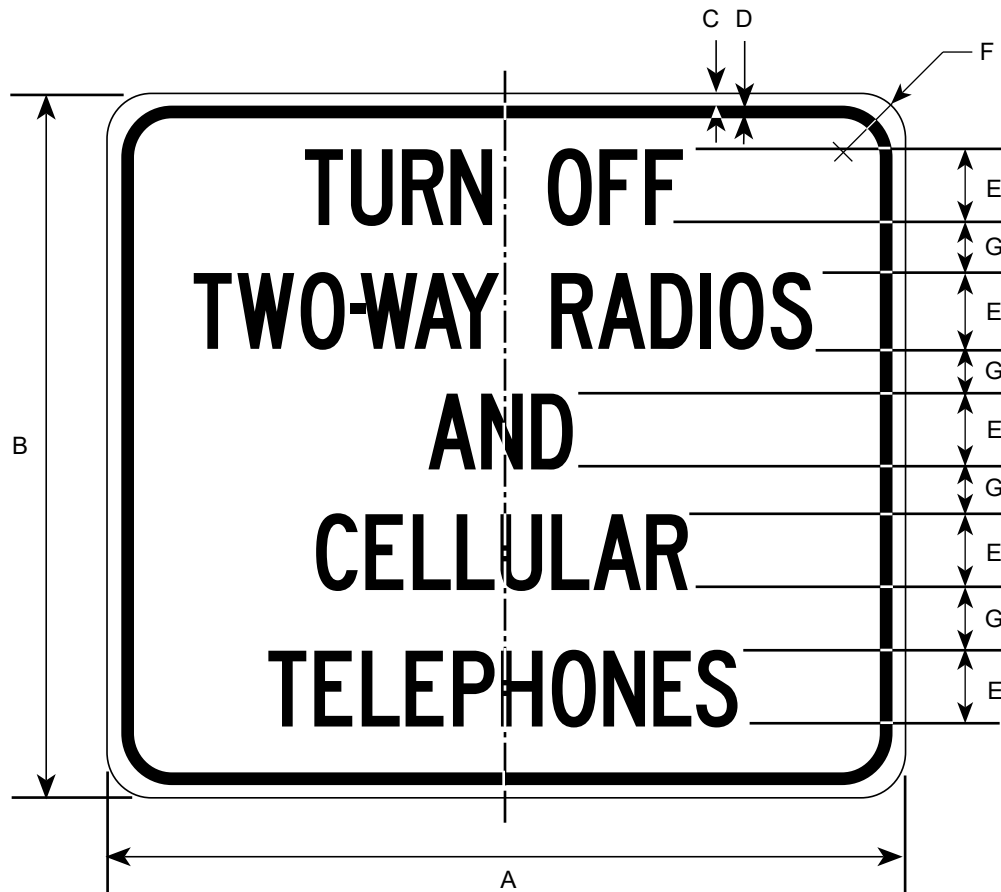
## COLORS

LEGEND - BLACK (NON-REFL)

BACKGROUND - ORANGE (REFL)

# W22-2

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |      |    |    |
|--------------------------|-----|----|----|------|----|----|
| A                        | B   | C  | D  | E    | F  | G  |
| 1050                     | 900 | 16 | 22 | 100C | 75 | 50 |

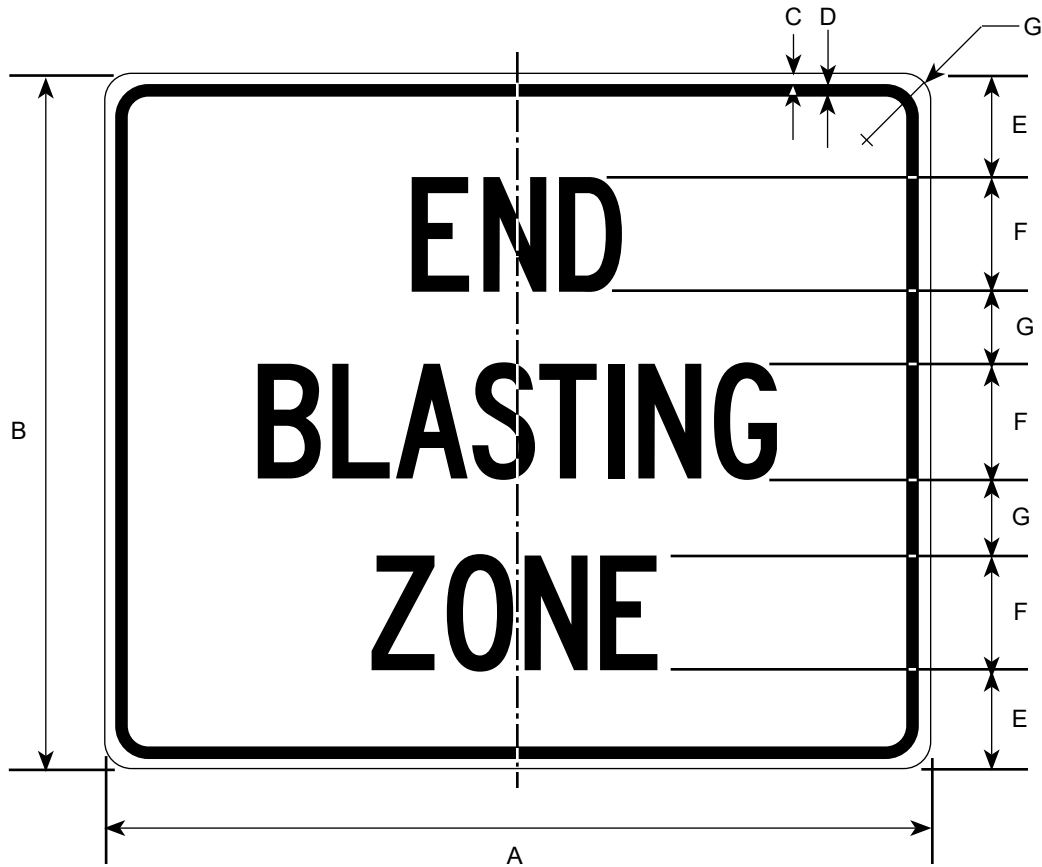
| DIMENSIONS (INCHES) |    |     |     |    |   |   |
|---------------------|----|-----|-----|----|---|---|
| A                   | B  | C   | D   | E  | F | G |
| 48                  | 36 | 5/8 | 7/8 | 4C | 3 | 2 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# W22-3

11/97



| DIMENSIONS (MILLIMETERS) |     |    |    |     |      |    |
|--------------------------|-----|----|----|-----|------|----|
| A                        | B   | C  | D  | E   | F    | G  |
| 900                      | 750 | 13 | 19 | 109 | 125C | 47 |
| 1050                     | 900 | 16 | 22 | 11  | 175C | 56 |

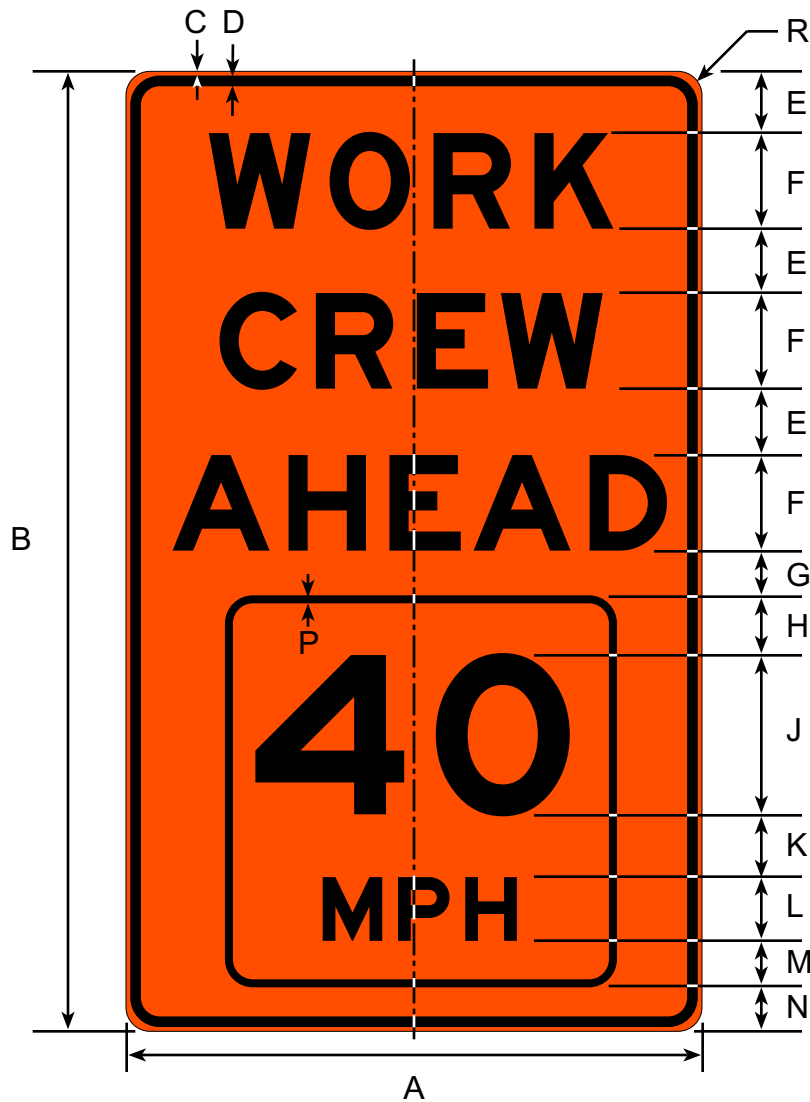
| DIMENSIONS (INCHES) |    |     |     |       |    |       |
|---------------------|----|-----|-----|-------|----|-------|
| A                   | B  | C   | D   | E     | F  | G     |
| 36                  | 30 | 1/2 | 3/4 | 4 3/8 | 5C | 1 7/8 |
| 42                  | 36 | 5/8 | 7/8 | 4 1/2 | 7C | 2 1/4 |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# W23-5

6/19



| DIMENSIONS (INCHES) |    |     |     |   |    |       |       |     |
|---------------------|----|-----|-----|---|----|-------|-------|-----|
| A                   | B  | C   | D   | E | F  | G     | H     | J   |
| 36                  | 60 | 5/8 | 7/8 | 4 | 6E | 3 3/8 | 3 1/2 | 10E |

| K     | L  | M     | N     | P   | R     |
|-------|----|-------|-------|-----|-------|
| 2 3/4 | 4E | 3 1/8 | 3 1/4 | 5/8 | 2 1/4 |

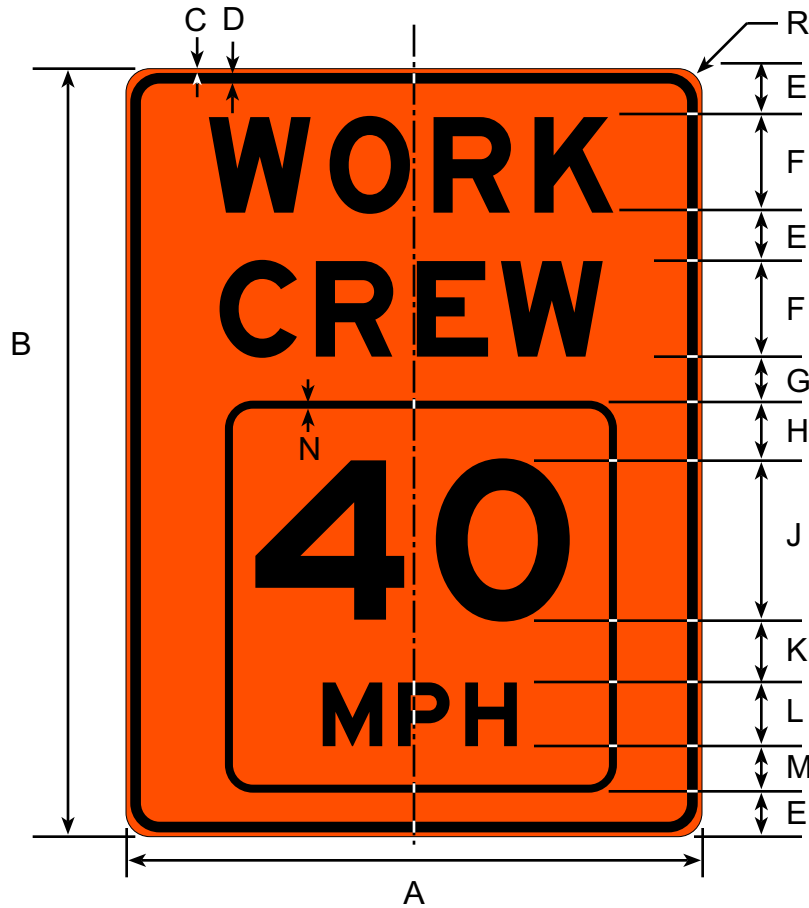
## COLORS

LEGEND - WHITE (REFL.)

BACKGROUND - FLUORESCENT ORANGE (REFL.)

# W23-6

6/19



| DIMENSIONS (INCHES) |    |     |     |   |    |       |       |     |
|---------------------|----|-----|-----|---|----|-------|-------|-----|
| A                   | B  | C   | D   | E | F  | G     | H     | J   |
| 36                  | 60 | 5/8 | 7/8 | 4 | 6E | 3 3/8 | 3 1/2 | 10E |

| K     | L  | M     | N   | R     |
|-------|----|-------|-----|-------|
| 2 3/4 | 4E | 3 1/8 | 5/8 | 2 1/4 |

## COLORS

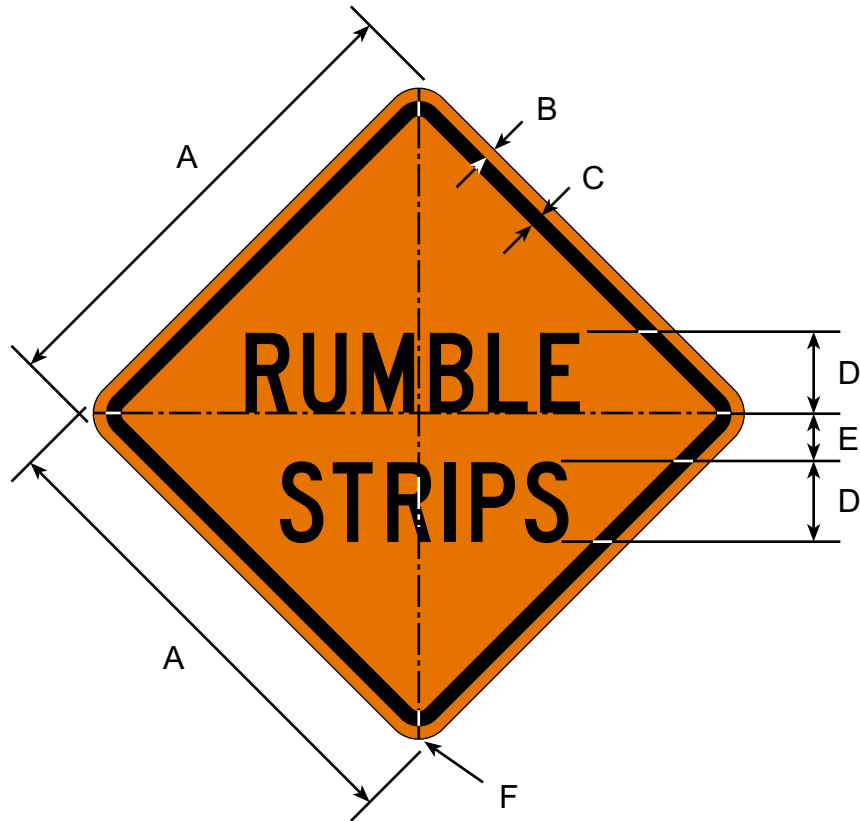
LEGEND - WHITE (REFL.)

BACKGROUND - FLUORESCENT ORANGE (REFL.)



# W23-7

5/20



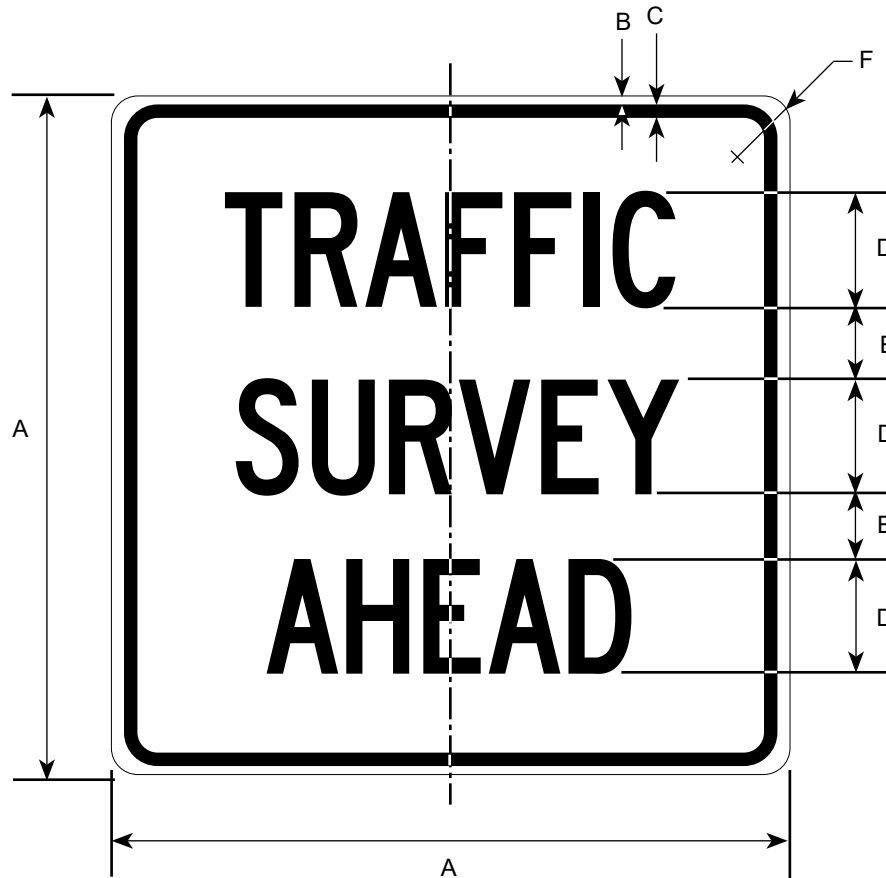
| DIMENSIONS (INCHES) |     |       |    |       |       |
|---------------------|-----|-------|----|-------|-------|
| A                   | B   | C     | D  | E     | F     |
| 36                  | 5/8 | 7/8   | 6C | 3 1/2 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 8C | 4 1/2 | 3     |

## COLORS

LEGEND & BORDER - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# W24-101

11/97



| DIMENSIONS (MILLIMETERS) |    |    |      |     |    |
|--------------------------|----|----|------|-----|----|
| A                        | B  | C  | D    | E   | F  |
| 750                      | 13 | 19 | 125C | 78  | 47 |
| 900                      | 16 | 22 | 150C | 94  | 56 |
| 1200                     | 19 | 31 | 175C | 125 | 75 |

| DIMENSIONS (INCHES) |     |       |    |       |       |
|---------------------|-----|-------|----|-------|-------|
| A                   | B   | C     | D  | E     | F     |
| 30                  | 1/2 | 3/4   | 5C | 3 1/8 | 1 7/8 |
| 36                  | 5/8 | 7/8   | 6C | 3 3/4 | 2 1/4 |
| 48                  | 3/4 | 1 1/4 | 7C | 5     | 3     |

## COLORS

LEGEND - BLACK (NON-REFL)  
BACKGROUND - ORANGE (REFL)

# APPENDIX A-1

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## SIZING THE SIGN

### General.

After the message length has been calculated and the desired layout determined, the designer must calculate the sign background size required for that display.

The following SPACING RULES for horizontal and vertical inter-line spacing conform to accepted practices, although some adjustment may be permitted in order to round off to the nearest whole foot. As stated before, legibility is dependent on letter size and optimum spacing so the sign size should be based on the optimum spacing.

Grade separation mounted signs should not project above the bridge rail. In order to reduce the vertical dimension of the sign it may be necessary to use a modified layout such as mounting the shield beside the destination name. From the aesthetic standpoint, the Department's policy is to make adjacent overhead signs facing the same direction all the same height.

While not a critical factor in determining sign size, the designer should take into consideration the commercial availability of background materials. Plywood and aluminum sheeting is available in sizes up to 5'0" x 12'0". Where the sign height exceeds 12'0" it will be necessary for the sign fabricator to utilize a horizontal splice.

By modifying the layout it may be possible to reduce the sign height to 12'0" and thereby avoid the horizontal splice.

If it is not possible to reduce the sign height, the designer must illustrate on the plan sheet where the splice is to be located. The desirable location is at the upper edge of a horizontal border strip separating two messages of the sign. Unless noted otherwise on the plans, the fabricator will use the longest panels in stock and shear additional panels to provide the necessary sign height.

### Spacing Rules.

Five general categories of spacing formulae have been developed to ensure adequate legibility.

1. Between letters in a word.
2. Between words in a line.
3. Between lines of copy.
4. Edge spacing.
5. Fractions.

### Letters in a word.

The amount of space that should be provided between two letters in a word is not constant, but varies with the shapes, sizes and series of the letters that are

# APPENDIX A-2

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involved. Tables F, G, and H provide letter spacing data as well as letter widths for highway signs. The space between the preceding letter and a period in an abbreviated word should be equal to the stroke width of that letter size and series, except that in the case of letters F, P, T, V, W and Y the left edge of the period shall be tangent to the widest part of the letter.

## Words in a line.

Optimum spacing between words in a line should be equal to the height of the upper-case or capital letter in that line. The spacing between symbols such as arrows, shields, etc. and adjacent words should be equal to the capital letter height or  $\frac{3}{4}$  of the upper-case letter height in that line. The minimum shall not be less than  $\frac{2}{3}$  of the optimum.

The space between two letters used as initials, such as N.W., should be equal to that letter height. The period is then mounted within that space in accordance with the formula for abbreviated words.

The space between two hyphenated words should be  $1\frac{1}{2}$  times the maximum letter height of the two words. The hyphen, which is 0.4 times the upper-case letter height, is centered between the words.

The space between letters of a destination such as "Coeur d'Alene" should be equal to the lower-case letter height with the apostrophe installed within that space.

## Lines of copy.

The optimum spacing between two lines of copy, whether destination names, shields or arrows should be equal to the upper-case or capital letter height of the sign message.

The minimum shall not be less than  $\frac{2}{3}$  of the optimum.

## Edge spacing.

The optimum edge spacing shall be equal to the upper-case or capital letter height, whichever is greater, in that line.

The minimum shall not be less than  $\frac{2}{3}$  of the optimum.

## Fractions.

Fractions should be treated as a unit and not as separate characters. This unit is called the "fraction rectangle" which consists of the numerals and diagonal.

The diagonal length is 1.7 times the fraction numeral height; its width is equal to the stroke width of the numeral and is mounted at an angle of  $60^\circ$  from the horizontal.

The width of the fraction rectangle is  $2\frac{1}{2}$  times the fraction numeral height except when the upper numeral is "1", in which case its width is 2 times the numeral height.

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The spacing between a preceding or following letter and the fraction rectangle or a whole number should be equal to the fraction numeral height.

For guide sign action messages, the fraction numeral size is equal to the capital letter size in the adjacent action message while the "rectangle" height is  $1\frac{1}{2}$  times the fraction numeral size. The whole number height is 15" for a 16"u.c./12"l.c. destination; 12" for a 13-1/3"/10" legend; 10" for a 10-2/3"/8" legend and 8" for a 8"/6" legend. For mileage signs the numeral series and size shall be upper-case numerals of the same size used in the destination name. For interchange sequence signs the whole number size shall be the same as the upper-case letter size in the destination while the fraction numeral size shall be equal to the lower-case letter height. Numeral series on mileage and sequence signs shall be series-E modified.

## Border Widths

Borders are required on all signs for aesthetic considerations. The border width is dependent on the general sign type; whether control or guide. Sign borders have been more or less standardized and are approximately equal to the letter stroke width.

## Margin Widths

The use of margins between the border and the sign edge is also generally dependent on sign type. Specifically, margins are not used where the border is lighter in color than the sign background. Signs with darker borders are normally made by silk screen painting and the margin acts as a buffer to prevent overspill of the paint. Margin widths, when required, are about 3/4 of the border width.

## Corner Radii

Since control signs are quite often located in areas accessible to pedestrians it is mandatory to round all corners (except STOP signs) in order to prevent injury. Control sign corner radii has been standardized according to sign size. Guide signs are normally above pedestrian traffic and rounded corners are not necessary. However, the border at each corner is rounded for aesthetics and the border radius is approximately equal to 1/8 of the sign height. The radius is then established to the nearest 3" with a maximum of 12"

### Border, Margin and Corner Radius Dimensions

| Sign Size | Border | Margin | Cor.<br>Rad. | Sign Letter Size    | Border       |
|-----------|--------|--------|--------------|---------------------|--------------|
| 12"x18"   | 3/8"   | 3/8"   |              | 6" caps             | 3/4"         |
| 18"x18"   | 3/8"   | 3/8"   | 1 1/2"       | 6"u.c./4 1/2"l.c.   | 1"           |
| 18"x24"   | 5/8"   | 3/8"   | 1 1/2"       | 8"u.c./6"l.c.       | 1 1/2"       |
| 24"x24"   | 5/8"   | 3/8"   | 1 1/2"       | 10 2/3"u.c./8"l.c.  | 1 1/2"       |
| 24"x30"   | 5/8"   | 3/8"   | 1 1/2"       | 13 1/3"u.c./10"l.c. | 2"           |
| 30"x30"   | 3/4"   | 1/2"   | 1 1/2"       | 16"u.c./12"l.c.     | 2"           |
| 30"x36"   | 3/4"   | 1/2"   | 1 7/8"       | Sign Height         | Cor.<br>Rad. |
| 36"x36"   | 7/8"   | 5/8"   | 1 7/8"       | 2'                  | 3"           |
| 36"x48"   | 7/8"   | 5/8"   | 2 1/4"       | 4'                  | 6"           |
| 48"x48"   | 1 1/4" | 3/4"   | 2 1/4"       | 6'                  | 9"           |
| 48"x60"   | 1 1/4" | 3/4"   | 3"           | 8'                  |              |

# APPENDIX A-4

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## SIGN LEGEND LAYOUT

### Word Placement.

Messages should generally be centered about the vertical axis of the sign background. Exceptions include mileage and interchange sequence signs which have equal margins left and right for all lines of copy regardless of message length.

Insofar as practical, the layout and placement of messages on advance and exit direction signs shall be similar.

The arrangement of messages depends on the type of sign. For mileage signs the correct order places the nearest destination at the top and the furthestmost destination at the bottom of the sign. Directional sign message placement depends on destination direction. Through destination at the top, left destinations next and right destinations at the bottom.

Route shields may be located either above or beside the destination. Words such as TO, JCT and cardinal directions may be placed either above or beside the route shields. When placed above the shield the word shall be centered about the vertical axis of the shield. When placed beside the shield the top of the word shall be on the same horizontal line as the top of the shield. The words TO and JCT shall be located to the left of the shield while cardinal directions and BUSINESS shall be located to the right of the shield to which it applies.

### Arrow Placement.

Arrow placement is critical since it implies the direction and, as a consequence, the navigational maneuver to be taken by the driver. Arrow placement angle should point approximately at the same angle as the ramp or turn departure, i.e. horizontal arrows for right angle connections.

To indicate a direction straight ahead, the arrow should be mounted vertically and to the left of the copy on a ground mounted sign.

To indicate a left turn, the arrow should be mounted horizontally and to the left of or below the destination.

To indicate a right turn, the arrow should be mounted horizontally and to the right of or below the destination.

For overhead signs straight ahead directions may be indicated by either an up arrow or a down arrow. Down arrows should be used only where specific lane assignment is necessary or where horizontal or vertical alignment or interchange complexity prevents the motorist from readily distinguishing the through direction.

The desired location of arrows on exit direction signs is beside the destination, whether ground mounted or overhead, although it is permissible to mount the arrow below the destination.

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## Separation of Messages.

In a multi-direction sign, the distinction between the directions must be defined sharply. A common source of confusion can arise when a two direction guide sign lacks proper separation, since a surprisingly large number of people read the sign vertically, i.e. they read the upper line arrow with the bottom line of copy.

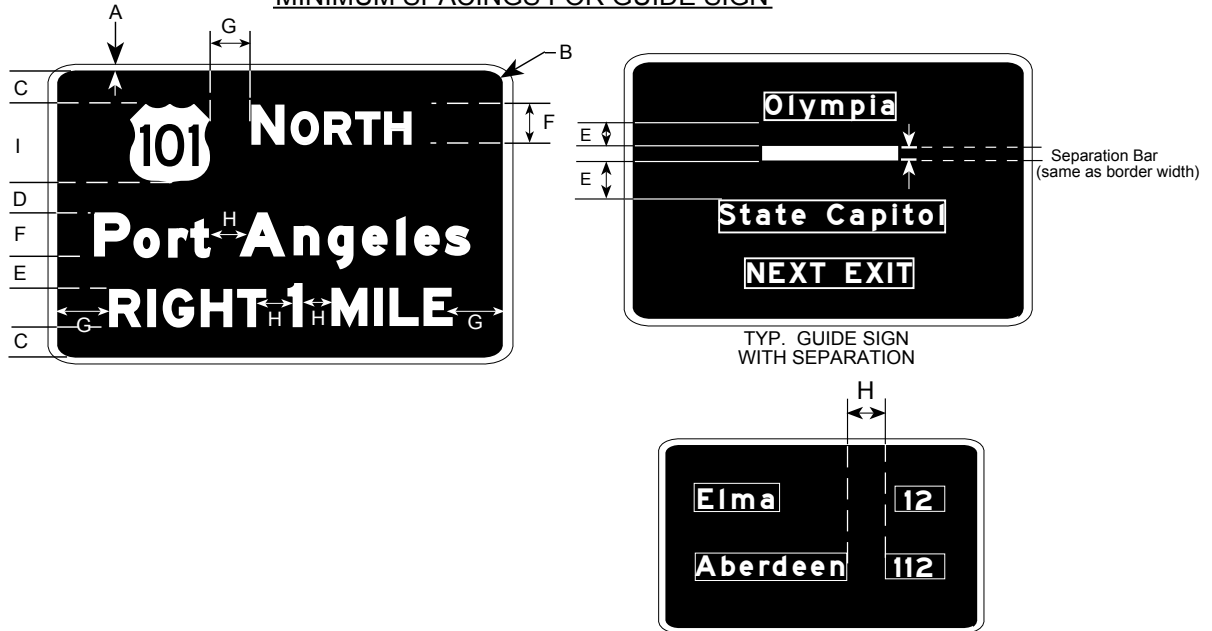
Separation of directions should be accomplished by the use of horizontal border strips. Certain destination names when located without proper consideration may be interpreted incorrectly by the unfamiliar motorist. For example "Vancouver Mall Drive" when installed on two lines, "Vancouver" on the first and "Mall Drive" on the second, could be read as two destinations "Vancouver" and "Mall Drive" when it was intended to be one destination. In this example, the proper arrangement would be to install "Vancouver Mall" on the first line and "Drive" on the second line.

Conversely, the motorist may read a sign message as a single destination when it was intended to be two destinations, for example, "Chehalis Fairgrounds". In this example, the proper layout would include a border strip between the two destinations. The length of this border strip should be approximately equal to the length of the shorter destination message.

# APPENDIX A-6

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## MINIMUM SPACINGS FOR GUIDE SIGN



### GENERAL

**A.** The border gives the sign a finished appearance and makes it more conspicuous. If the background is a darker color than the copy and border, the border should be positioned on the edge of the sign. The width of the border should be approximately 1/3 to 3/4 the width of the stroke of the largest letter.

**B.** Corner radii of the sign borders should be approximately 1/8 of the lesser side dimension but should not exceed 12". When prefabricated reflective border and corner sections are employed, sizes should be selected that reasonably conform to the sign size requirements. The sign area outside the corner radius need not be trimmed.

### HEIGHT OF SIGN FACE:

**C.** Spacing to the top and bottom borders should be approximately equal to the average letter height of the adjacent line of copy.

**D.** The spacing between route markers or arrows and tops of capital or upper case letters in the adjacent line of copy, should be approximately equal to 1/2 the height of the largest capital or upper case letters on the sign.

**E.** The interline spacing between tops and bottoms of capital or upper case letters should be approximately 3/4 of the average of the heights of the capital or upper case letters in adjacent lines of copy.

**F.** Letter Height of capital letters as prescribed in the MUTCD or the state sign fabrication manual.

### LENGTH OF SIGN:

To obtain length of sign, first determine letter size to be used in the longest line of copy, then figure length of that line by referring to appropriate tables.

**G.** Each line of copy should be "Visually Centered" within the sign borders. The spacing between the left border and the left letter, numeral or arrow of the longest line of copy and right border and right letter, numeral or arrow of the same line of copy is to be approximately equal to the height of the upper case letter in that line of copy. Shorter lines of copy should be "Visually Centered" on the sign. "Visual Spacing" the letter shapes at each end of a line of copy determine the position that gives visual balance. A line of copy with open, curved or slanted letter side at each end should be centered in the sign face (Ex; JACKS) . If the line has straight side letters at each end, it is also centered (Ex; BARTON) . A line of copy with open, curved or slanted letters at one end and straight side letters at the other end should be shifted toward the open, curved or slanted letter side until the line of copy appears "Visually Balanced" in the sign face (Ex; ISLE) .

**H.** Spacing between words and arrow, or a word and a numeral, in a line of copy should be approximately equal to the capital or upper case letter height used in that line of copy.

**I.** Shield size as per the Sign Fabrication Manual.



# APPENDIX A-7

6/06

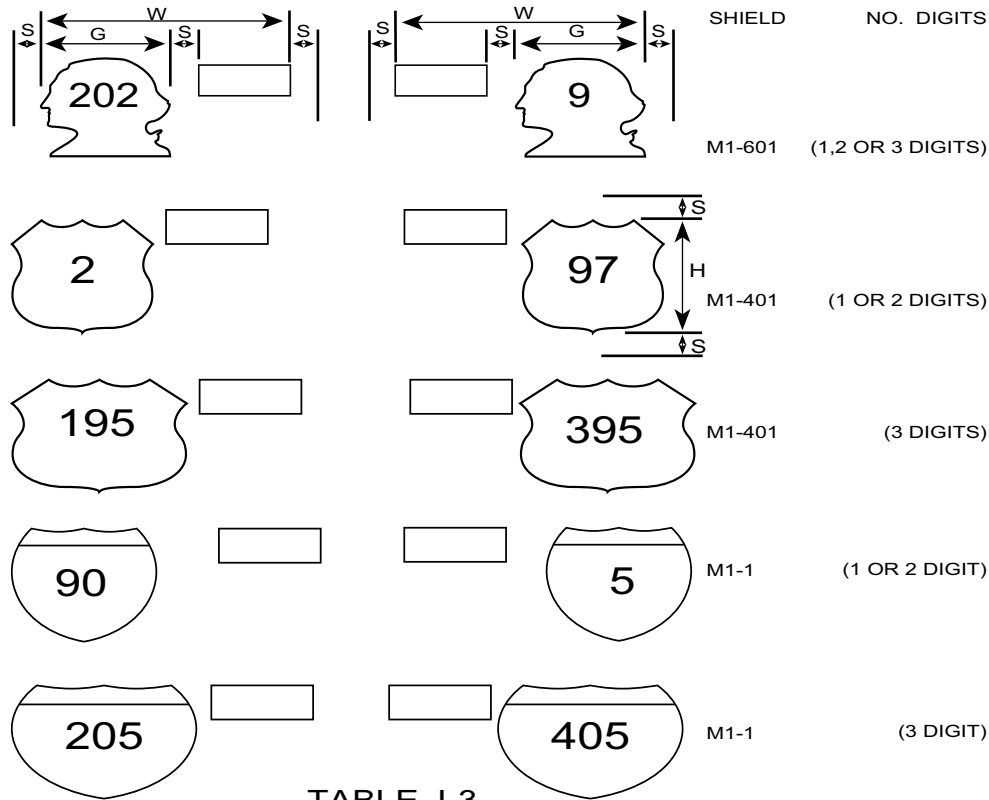


TABLE J-3

| SHIELD<br>CODE | SIZE<br>CODE | SHIELD SIZE<br>G X H | DIMENSIONS (MILLIMETERS) "W" |       |      |      |      |      | " S " |
|----------------|--------------|----------------------|------------------------------|-------|------|------|------|------|-------|
|                |              |                      | NORTH                        | SOUTH | EAST | WEST | JCT  | T    |       |
| M1-602         | A            | 408 X 450            | 1300                         | 1300  | 1150 | 1200 | 975  | 800  | 150   |
|                | B            | 544 X 600            | 1775                         | 1775  | 1575 | 1600 | 1300 | 1050 | 200   |
|                | C            | 830 X 900            | 2325                         | 2325  | 2100 | 2125 | 1725 | 1425 | 250   |
|                | D OR E       | 830 X 900            | 2650                         | 2650  | 2375 | 2400 | 1925 | 1575 | 300   |
| M1-1<br>M1-401 | A            | 450 X 450            | 1375                         | 1375  | 1225 | 1250 | 1050 | 875  | 150   |
|                | A            | 563 X 450            | 1500                         | 1500  | 1350 | 1375 | 117  | 1000 | 150   |
|                | B            | 600 X 600            | 1825                         | 1825  | 1625 | 1650 | 1400 | 115  | 200   |
|                | B            | 750 X 600            | 1975                         | 1975  | 1775 | 1800 | 1550 | 1300 | 200   |
|                | C            | 900 X 900            | 2425                         | 2425  | 2175 | 2200 | 1900 | 1600 | 250   |
|                | C            | 1125 X 900           | 2650                         | 2650  | 2400 | 2425 | 2125 | 1825 | 250   |
|                | D OR E       | 900 X 900            | 2750                         | 2750  | 2425 | 2475 | 2100 | 1750 | 300   |
|                | D OR E       | 1125 X 900           | 2975                         | 2975  | 2650 | 2700 | 2325 | 1975 | 300   |
|                |              |                      |                              |       |      |      |      |      |       |

| SHIELD<br>CODE | SIZE<br>CODE | SHIELD SIZE<br>G X H | DIMENSIONS (INCHES) "W" |       |      |      |     |    | " S " |
|----------------|--------------|----------------------|-------------------------|-------|------|------|-----|----|-------|
|                |              |                      | NORTH                   | SOUTH | EAST | WEST | JCT | TO |       |
| M1-602         | A            | 16 5/16 X 18         | 52                      | 52    | 46   | 48   | 39  | 32 | 6     |
|                | B            | 21 3/4 X 24          | 71                      | 71    | 63   | 64   | 52  | 42 | 8     |
|                | C            | 33 3/16 X 36         | 93                      | 93    | 84   | 85   | 69  | 57 | 10    |
|                | D OR E       | 33 3/16 X 36         | 106                     | 106   | 95   | 96   | 77  | 63 | 12    |
| M1-1<br>M1-401 | A            | 18 X 18              | 55                      | 55    | 49   | 50   | 42  | 35 | 6     |
|                | A            | 22 1/2 X 18          | 60                      | 60    | 54   | 55   | 47  | 40 | 6     |
|                | B            | 24 X 24              | 73                      | 73    | 65   | 66   | 56  | 46 | 8     |
|                | B            | 30 X 24              | 79                      | 79    | 71   | 72   | 62  | 52 | 8     |
|                | C            | 36 X 36              | 97                      | 97    | 87   | 88   | 76  | 64 | 10    |
|                | C            | 45 X 36              | 106                     | 106   | 96   | 97   | 85  | 73 | 10    |
|                | D OR E       | 36 X 36              | 110                     | 110   | 97   | 99   | 84  | 70 | 12    |
|                | D OR E       | 45 X 36              | 119                     | 119   | 106  | 108  | 93  | 79 | 12    |
|                |              |                      |                         |       |      |      |     |    |       |
|                |              |                      |                         |       |      |      |     |    |       |

# APPENDIX A-8

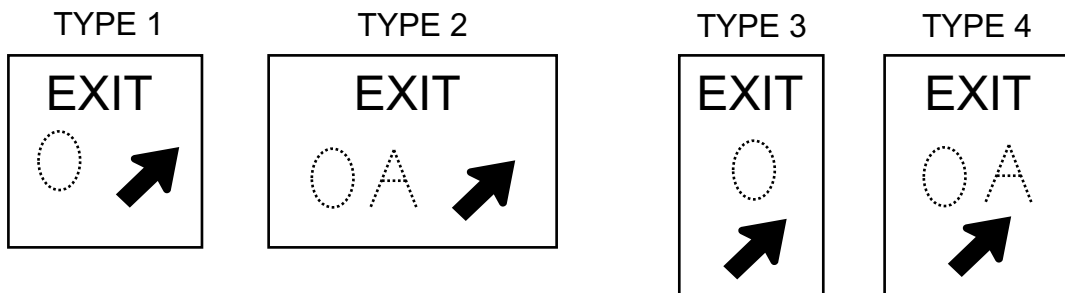
10/03

## Exit Gore Widths.

Table J-5 illustrates four possible sign layouts for exit gore signs on the Interstate system or where exit numbers are to be provided. The first layout is the most common and is used where there is a single exit within that milepost. The second layout is used where there are multiple exits within that milepost.

The third and fourth layouts are reserved for those extremely narrow gore areas where it is impossible to install the first two configurations. These signs will be treated as the exception and are included herewith only to make the designer aware of this layout.

The dimensions indicated are the actual sign width upon which the 12"/15" legend is installed.



|               | SIGN WIDTH feet |   |     |     |     |     |     |     |     |
|---------------|-----------------|---|-----|-----|-----|-----|-----|-----|-----|
| Numeral Shape | 1               | 0 | 1   | 10  | 00  | 11  | 11  | 100 | 000 |
| TYPE 1        | 5               | 5 | 5   | 5.5 | 6   | 6   | 6.5 | 7   | 7   |
| TYPE 2        | 5.5             | 6 | 6.5 | 7   | 7.5 | 7.5 | 8   | 8.5 | 9   |
| TYPE 3        | 4               | 4 | 4   | 4   | 4   | 4   | 4   | 4.5 | 5   |
| TYPE 4        | 4               | 4 | 4   | 4.5 | 5   | 5   | 5.5 | 6   | 6.5 |

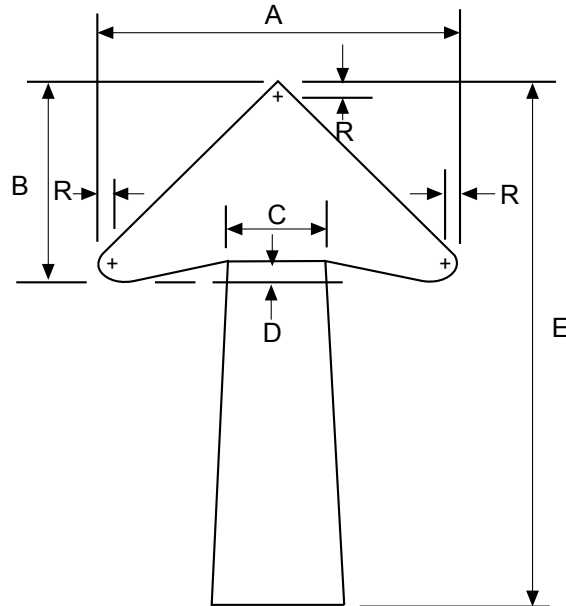
TABLE J-5

|               | SIGN WIDTH mm |      |      |      |      |      |      |      |      |
|---------------|---------------|------|------|------|------|------|------|------|------|
| Numeral Shape | 1             | 0    | 1    | 10   | 00   | 11   | 11   | 100  | 000  |
| TYPE 1        | 1500          | 1500 | 1500 | 1650 | 1800 | 1800 | 1950 | 2100 | 2100 |
| TYPE 2        | 1650          | 1800 | 1950 | 2100 | 2250 | 2250 | 2400 | 2550 | 2700 |
| TYPE 3        | 1200          | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1350 | 1500 |
| TYPE 4        | 1200          | 1200 | 1200 | 1350 | 1500 | 1500 | 1650 | 1800 | 1950 |

# APPENDIX B-1

4/97

## GUIDE SIGN ARROW



"UP" ARROW, "DIAGONAL" ARROW OR "HORIZONTAL"

| DIMENSIONS (MILLIMETERS) |                                  |               |                                 |        |         |        |     |       |
|--------------------------|----------------------------------|---------------|---------------------------------|--------|---------|--------|-----|-------|
| ARROW NO.                | LETTER SIZE(U.C.)                | LINES OF COPY | ARROW DIMENSIONS IN MILLIMETERS |        |         |        |     |       |
|                          |                                  |               | A                               | B      | C       | D      | *E  | R     |
| 1                        | 200 U.C. OR 200 CAPS             | 1             | 278.125                         | 212.25 | 68.75   | 21.875 | 325 | 12.5  |
| 2                        | 200 CAPS                         | 2             | 278.125                         | 212.25 | 68.75   | 21.875 | 450 | 12.5  |
| 3                        | 266.75 - 333.25 U.C. OR 250 CAPS | 1             | 456.25                          | 350    | 112.    | 37.5   | 500 | 18.75 |
| 4                        | 250 CAPS                         | 2             | 456.25                          | 350    | 112.    | 37.5   | 750 | 18.75 |
| 5                        | 400 U.C. OR 300 CAPS             | 1             | 556.25                          | 425    | 134.375 | 43.75  | 625 | 25    |
| 6                        | 300 CAPS                         | 2             | 556.25                          | 425    | 134.375 | 43.75  | 875 | 25    |

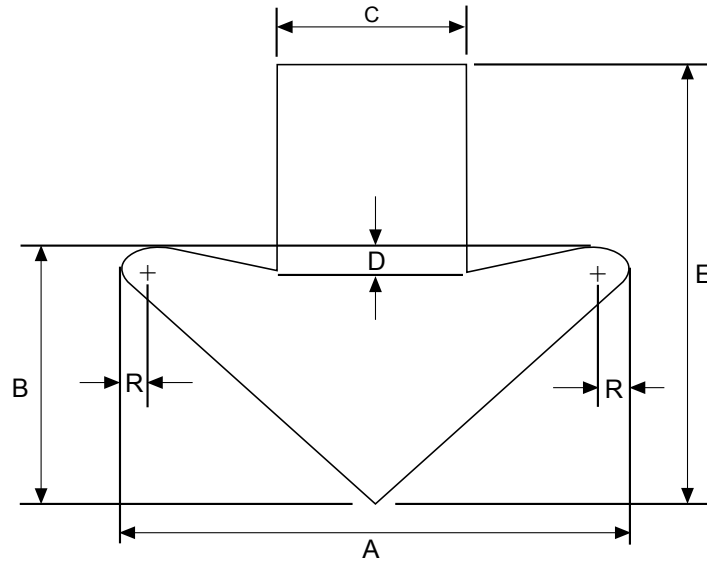
| DIMENSIONS (INCHES) |                                   |               |                            |       |       |       |    |     |
|---------------------|-----------------------------------|---------------|----------------------------|-------|-------|-------|----|-----|
| ARROW NO.           | LETTER SIZE(U.C.)                 | LINES OF COPY | ARROW DIMENSIONS IN INCHES |       |       |       |    |     |
|                     |                                   |               | A                          | B     | C     | D     | *E | R   |
| 1                   | 8" U.C. OR 8" CAPS.               | 1             | 11                         | 8 1/2 | 2 3/4 | 7/8   | 13 | 1/2 |
| 2                   | 8" CAPS.                          | 2             | 11                         | 8 1/2 | 2 3/4 | 7/8   | 18 | 1/2 |
| 3                   | 10.67" - 13.33" U.C. OR 10" CAPS. | 1             | 18 1/4                     | 14    | 4 1/2 | 1 1/2 | 20 | 3/4 |
| 4                   | 10" CAPS.                         | 2             | 18 1/4                     | 14    | 4 1/2 | 1 1/2 | 30 | 3/4 |
| 5                   | 16" U.C. OR 12" CAPS.             | 1             | 22 1/4                     | 17    | 5 3/8 | 1 3/4 | 25 | 1   |
| 6                   | 12" CAPS.                         | 2             | 22 1/4                     | 17    | 5 3/8 | 1 3/4 | 35 | 1   |

TAPER OF 1/2"PER FOOT SHALL BE HELD CONSTANT FOR LONGER OR SHORTER SHAFT LENGTHS.

# APPENDIX B-1A

## GUIDE SIGN ARROW

12/94



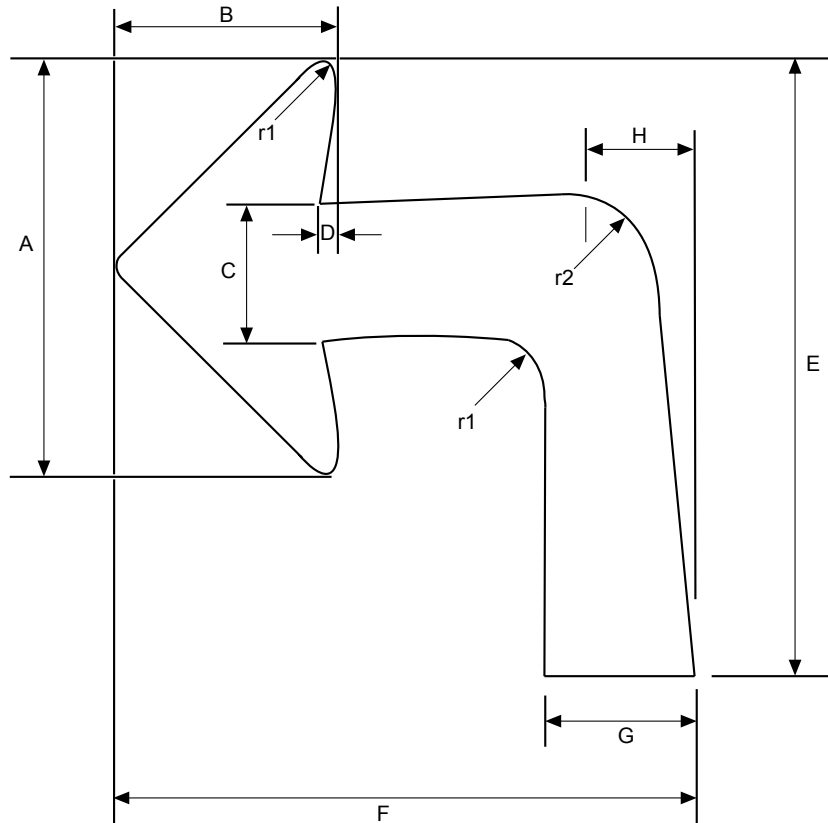
"DOWN" ARROW

| DIMENSIONS (MILLIMETERS) |                                 |                                 |        |       |       |       |       |
|--------------------------|---------------------------------|---------------------------------|--------|-------|-------|-------|-------|
| ARROW NO.                | SIZE                            | ARROW DIMENSIONS IN MILLIMETERS |        |       |       |       |       |
|                          |                                 | A                               | B      | C     | D     | E     | R     |
| 7                        | 266.75 U.C. OR 200              | 562.5                           | 281.25 | 125   | 56.25 | 412.5 | 18.75 |
| 8                        | 333.25 - 400 U.C. 250 TO 300 C. | 800                             | 400    | 162.5 | 75    | 550   | 25    |

| DIMENSIONS IN INCHES |                                  |                            |        |       |       |        |     |
|----------------------|----------------------------------|----------------------------|--------|-------|-------|--------|-----|
| ARROW NO.            | SIZE                             | ARROW DIMENSIONS IN INCHES |        |       |       |        |     |
|                      |                                  | A                          | B      | C     | D     | E      | R   |
| 7                    | 10.67 U.C. OR 8 CAPS.            | 22 1/2                     | 11 1/4 | 5     | 2 1/4 | 16 1/2 | 3/4 |
| 8                    | 13.33 - 16 U.C. OR 10 TO 12 CAPS | 32                         | 16     | 6 1/2 | 3     | 22     | 1   |

# APPENDIX B-2

GUIDE SIGN ARROW  
12/94

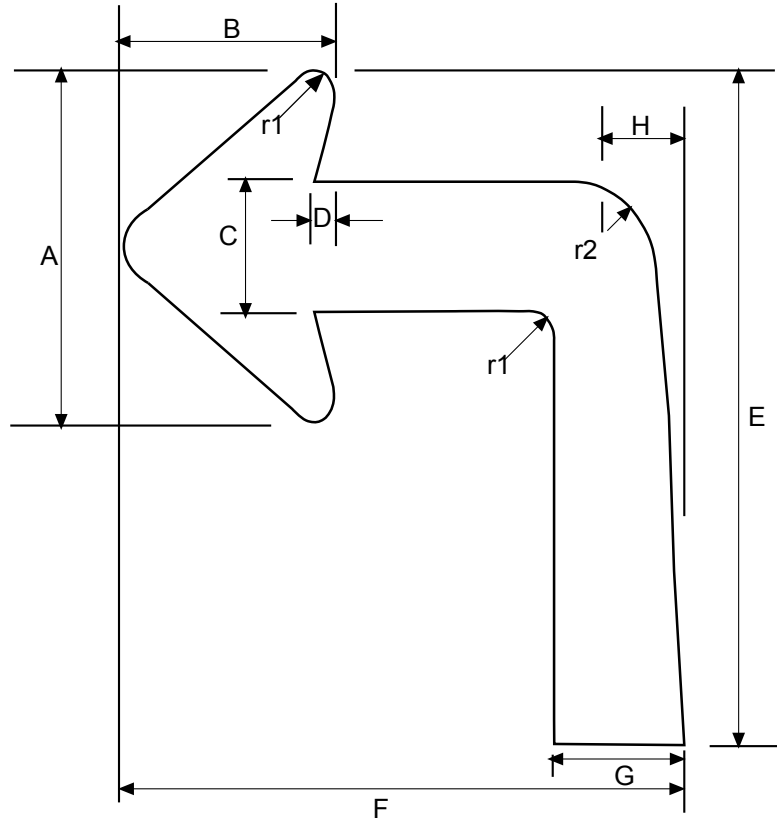


| DIMENSIONS IN (MILLIMETERS) |        |        |        |        |        |        |      |      |       |       |
|-----------------------------|--------|--------|--------|--------|--------|--------|------|------|-------|-------|
| LETTER SIZE                 | A      | B      | C      | D      | E      | F      | G    | H    | r1    | r2    |
| 150 U.C. 112.5 L.C.         | 212.5  | 143.75 | 50     | 15.625 | 337.5  | 325    | 87.5 | 62.5 | 9.375 | 50    |
| 200 U.C. 150 L.C.           | 356.25 | 246.88 | 84.375 | 31.25  | 356.25 | 356.25 | 125  | 87.5 | 18.75 | 68.75 |
| 266.75 U.C. 200 L.C.        | 456.25 | 350    | 112.5  | 37.5   | 600    | 575    | 150  | 100  | 18.75 | 75    |

| DIMENSIONS IN (INCHES) |        |       |       |       |        |        |       |       |     |       |
|------------------------|--------|-------|-------|-------|--------|--------|-------|-------|-----|-------|
| LETTER SIZE            | A      | B     | C     | D     | E      | F      | G     | H     | r1  | r2    |
| 6 U.C. 4 1/2 L.C.      | 8 1/2  | 5 3/4 | 2     | 5/8   | 13 1/2 | 13     | 3 1/2 | 2 1/2 | 3/8 | 2     |
| 8 U.C. 6 L.C.          | 14 1/4 | 9 7/8 | 3 3/8 | 1 1/4 | 17 1/4 | 17 1/4 | 5     | 3 1/2 | 3/4 | 2 3/4 |
| 10 2/3 U.C. 8 L.C.     | 18 1/4 | 14    | 4 1/2 | 1 1/2 | 24     | 23     | 6     | 4     | 3/4 | 3     |

# APPENDIX B-2A

GUIDE SIGN ARROW  
12/94

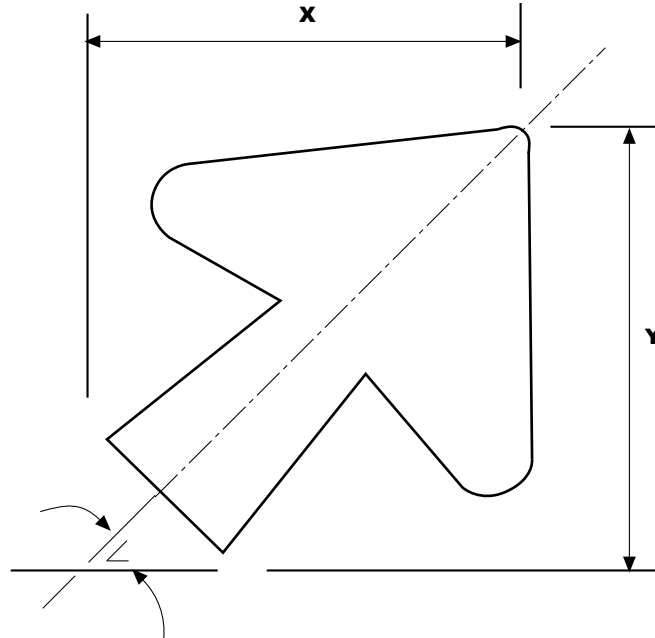


| DIMENSIONS IN (MILLIMETERS) |        |        |        |        |     |        |      |      |       |       |
|-----------------------------|--------|--------|--------|--------|-----|--------|------|------|-------|-------|
| LETTER SIZE                 | A      | B      | C      | D      | E   | F      | G    | H    | r1    | r2    |
| 150 U.C. 112.5 L.C.         | 212.5  | 143.75 | 50     | 15.625 | 450 | 325    | 87.5 | 62.5 | 9.375 | 50    |
| 200 U.C. 150 L.C.           | 356.25 | 246.88 | 84.375 | 31.25  | 600 | 356.25 | 125  | 87.5 | 18.75 | 68.75 |
| 266.75 U.C. 200 L.C.        | 456.25 | 350    | 112.   | 37.5   | 750 | 575    | 150  | 100  | 18.75 | 75    |

| DIMENSIONS IN (INCHES) |        |       |       |       |    |        |       |       |     |       |
|------------------------|--------|-------|-------|-------|----|--------|-------|-------|-----|-------|
| LETTER SIZE            | A      | B     | C     | D     | E  | F      | G     | H     | r1  | r2    |
| 6 U.C. 4 1/2 L.C.      | 8 1/2  | 5 3/4 | 2     | 5/8   | 18 | 13     | 3 1/2 | 2 1/2 | 3/8 | 2     |
| 8 U.C. 6 L.C.          | 14 1/4 | 9 7/8 | 3 3/8 | 1 1/4 | 24 | 17 1/4 | 5     | 3 1/2 | 3/4 | 2 3/4 |
| 10 2/3 U.C. 8 L.C.     | 18 1/4 | 14    | 4 1/2 | 1 1/2 | 30 | 23     | 6     | 4     | 3/4 | 3     |

# APPENDIX B-3

10/97



## ROTATION DIMENSION FOR GUIDE

| ARROW NO. | DIMENSIONS IN (MILLIMETERS) |       |       |       |       |       |
|-----------|-----------------------------|-------|-------|-------|-------|-------|
|           | ANGLE OF ARROW (°)          |       |       |       |       |       |
|           | 30°                         |       | 45°   |       | 60°   |       |
|           | X                           | Y     | X     | Y     | X     | Y     |
| 1         | 306.2                       | 246.8 | 271.8 | 271.8 | 246.8 | 306.2 |
| 2         | 421.8                       | 306.2 | 368.7 | 368.7 | 306.2 | 421.8 |
| 3         | 468.7                       | 400   | 409.3 | 409.3 | 400   | 468.7 |
| 4         | 693.7                       | 506.2 | 590.6 | 590.6 | 506.2 | 693.7 |
| 5         | 587.                        | 443.7 | 506.2 | 506.2 | 443.7 | 587.5 |
| 6         | 806.2                       | 565.6 | 687.5 | 687.5 | 565.6 | 806.2 |

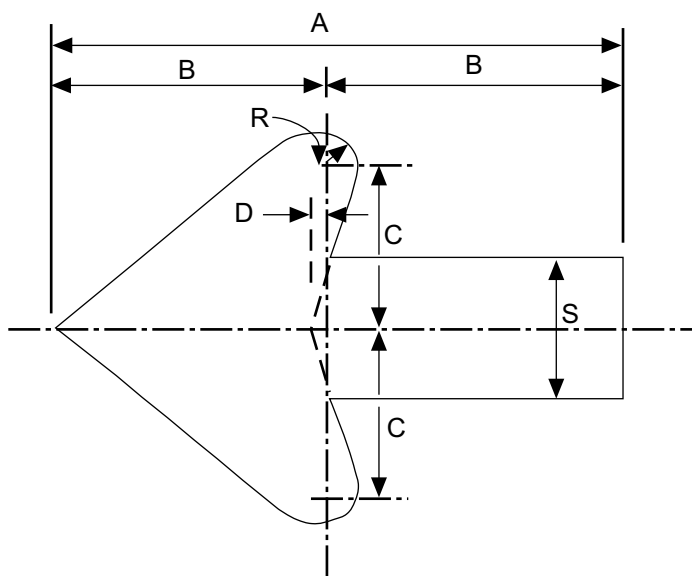
| ARROW NO. | DIMENSIONS IN (INCHES) |        |        |        |        |        |
|-----------|------------------------|--------|--------|--------|--------|--------|
|           | ANGLE OF ARROW (°)     |        |        |        |        |        |
|           | 30°                    |        | 45°    |        | 60°    |        |
|           | X                      | Y      | X      | Y      | X      | Y      |
| 1         | 12 1/4                 | 9 7/8  | 10 7/8 | 10 7/8 | 9 7/8  | 12 1/4 |
| 2         | 16 7/8                 | 12 1/4 | 14 3/4 | 14 3/4 | 12 1/4 | 16 7/8 |
| 3         | 18 3/4                 | 16     | 16 3/8 | 16 3/8 | 16     | 18 3/4 |
| 4         | 27 3/4                 | 20 1/4 | 23 5/8 | 23 5/8 | 20 1/4 | 27 3/4 |
| 5         | 23 1/2                 | 17 3/4 | 20 1/4 | 20 1/4 | 17 3/4 | 23 1/2 |
| 6         | 32 1/4                 | 22 5/8 | 27 1/2 | 27 1/2 | 22 5/8 | 32 1/4 |

Arrow as per SIGN FABRICATION

# APPENDIX B-4A

5/06

## STANDARD 6" X 9" ARROW DETAILS



| DIMENSIONS IN (MILLIMETERS) |     |    |   |    |    |
|-----------------------------|-----|----|---|----|----|
| A                           | B   | C  | D | R  | S  |
| 225                         | 112 | 64 | 8 | 11 | 56 |

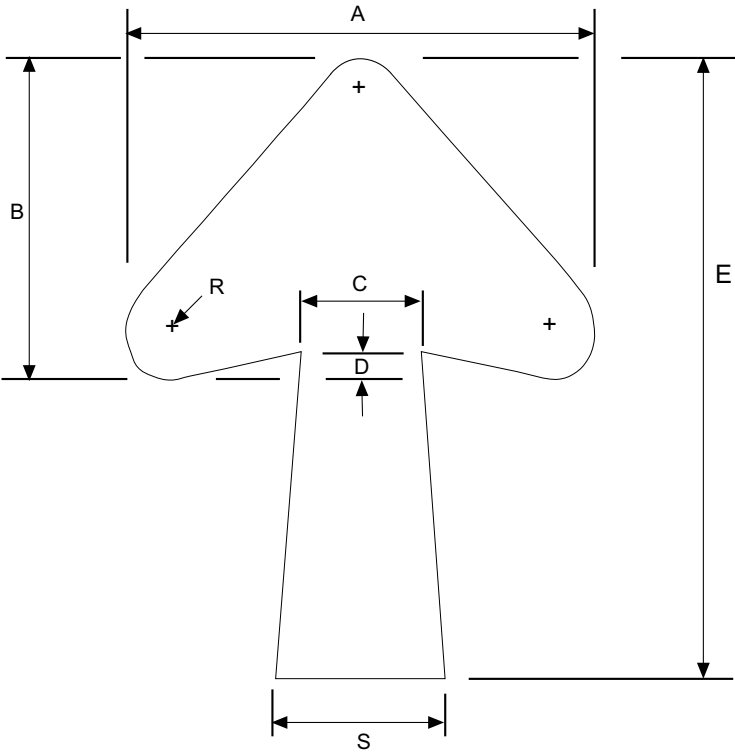
| DIMENSIONS IN (INCHES) |       |        |      |      |       |
|------------------------|-------|--------|------|------|-------|
| A                      | B     | C      | D    | R    | S     |
| 9                      | 4 1/2 | 2 9/16 | 5/16 | 7/16 | 2 1/4 |



# APPENDIX B-4B

10/97

8 1/2 " X 10" ARROW DETAILS



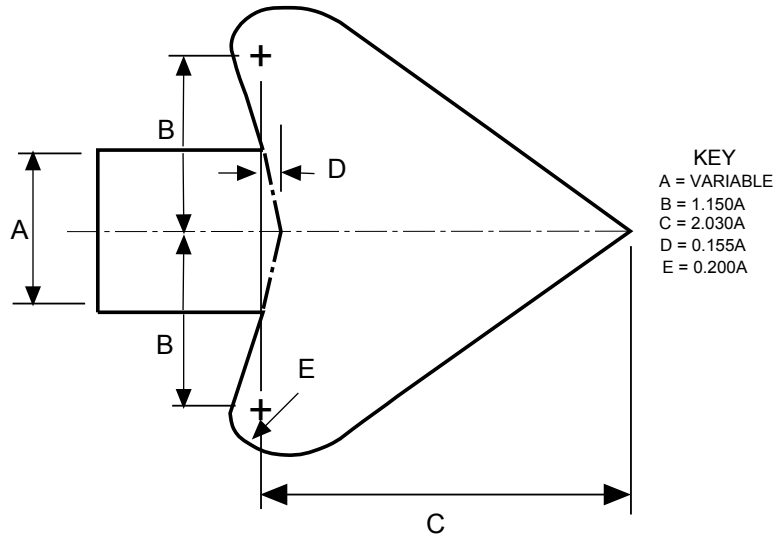
| DIMENSIONS IN (MILLIMETERS) |     |    |       |     |      |      |
|-----------------------------|-----|----|-------|-----|------|------|
| A                           | B   | C  | D     | E   | R    | S    |
| 213                         | 144 | 50 | 15.63 | 250 | 9.38 | 62.5 |

| DIMENSIONS IN (INCHES) |       |   |     |    |     |       |
|------------------------|-------|---|-----|----|-----|-------|
| A                      | B     | C | D   | E  | R   | S     |
| 8 1/2                  | 5 3/4 | 2 | 5/8 | 10 | 3/8 | 2 1/2 |

# APPENDIX B-5

10/97

## STANDARD ARROW DETAILS



| DIMENSIONS IN (MILLIMETERS) |       |        |       |       |
|-----------------------------|-------|--------|-------|-------|
| A                           | B     | C      | D     | E     |
| 50                          | 57.81 | 101.56 | 7.81  | 9.38  |
| 56.25                       | 65.63 | 112.   | 9.38  | 10.94 |
| 62.5                        | 71.88 | 126.56 | 9.38  | 12.5  |
| 65.63                       | 75    | 131.25 | 9.38  | 12.5  |
| 68.75                       | 75    | 139.06 | 10.94 | 14.06 |
| 75                          | 87.5  | 153.13 | 10.94 | 14.06 |
| 78.13                       | 90.63 | 159.38 | 12.5  | 15.63 |
| 81.25                       | 93.75 | 165.63 | 12.5  | 15.63 |
| 82.81                       | 95.31 | 171.88 | 12.5  | 17.19 |

| DIMENSIONS IN (MILLIMETERS) |        |        |       |       |
|-----------------------------|--------|--------|-------|-------|
| A                           | B      | C      | D     | E     |
| 87.5                        | 100    | 178.13 | 14.06 | 17.09 |
| 93.75                       | 107.81 | 190.63 | 14.06 | 18.75 |
| 100                         | 115.6  | 203.12 | 15.63 | 20.31 |
| 101.56                      | 118.7  | 206.25 | 15.63 | 20.31 |
| 106.25                      | 121.88 | 215.63 | 15.63 | 20.31 |
| 109.38                      | 125    | 221.88 | 17.19 | 21.88 |
| 112.                        | 129.69 | 228.13 | 17.19 | 21.88 |
| 118.7                       | 135.94 | 240.63 | 18.75 | 25    |
| 121.88                      | 140.63 | 246.88 | 18.75 | 25    |

| DIMENSIONS IN (MILLIMETERS) |        |        |       |       |
|-----------------------------|--------|--------|-------|-------|
| A                           | B      | C      | D     | E     |
| 125                         | 143.75 | 253.13 | 18.75 | 25    |
| 131.25                      | 150    | 265.63 | 20.31 | 25.56 |
| 137.5                       | 159.38 | 278.13 | 21.88 | 28.13 |
| 143.75                      | 163.63 | 292.19 | 21.88 | 28.13 |
| 150                         | 171.88 | 304.69 | 23.44 | 29.69 |
| 162.5                       | 187.5  | 329.69 | 25    | 32.81 |
| 175                         | 200    | 354.69 | 26.56 | 34.38 |
| 187.5                       | 215.63 | 375.69 | 28.13 | 37.5  |
| 200                         | 229.69 | 406.25 | 31.25 | 40.63 |

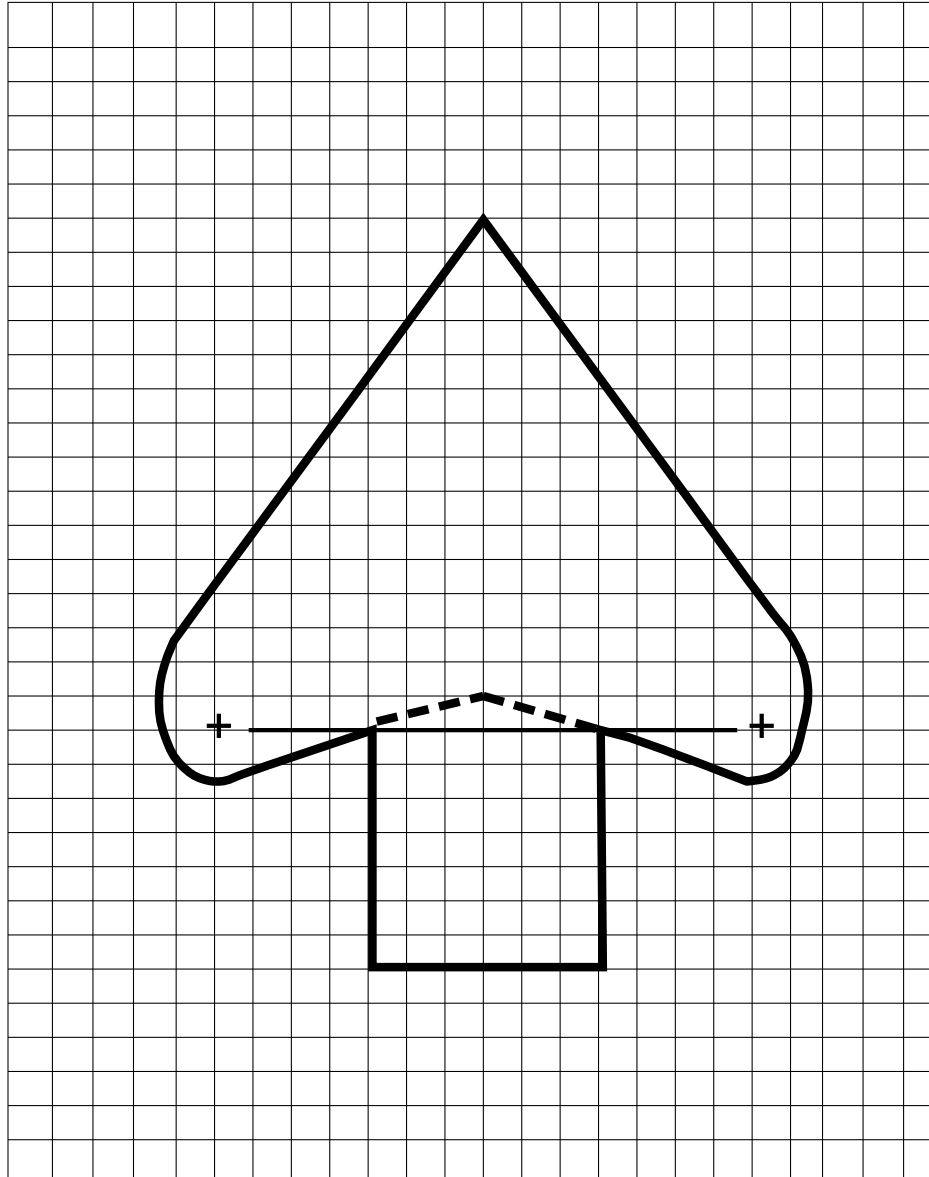
| DIMENSIONS IN (INCHES) |        |        |      |       |
|------------------------|--------|--------|------|-------|
| A                      | B      | C      | D    | E     |
| 2                      | 2 5/16 | 4 1/16 | 5/16 | 3/8   |
| 2 1/4                  | 2 5/8  | 4 1/2  | 3/8  | 7/16  |
| 2 1/2                  | 2 7/8  | 5 1/16 | 3/8  | 1/2   |
| 2 5/8                  | 3      | 5 1/4  | 3/8  | 1/2   |
| 2 3/4                  | 3      | 5 9/16 | 7/16 | 9/16  |
| 3                      | 3 1/2  | 6 1/8  | 7/16 | 9/16  |
| 3 1/8                  | 3 5/8  | 6 3/8  | 1/2  | 5/8   |
| 3 1/4                  | 3 3/4  | 6 5/8  | 1/2  | 5/8   |
| 3 5/16                 | 3 3/16 | 6      | 1/2  | 11/16 |

| DIMENSIONS IN (INCHES) |        |       |       |       |
|------------------------|--------|-------|-------|-------|
| A                      | B      | C     | D     | E     |
| 3 1/2                  | 4      | 7 1/8 | 9/16  | 11/16 |
| 3 3/4                  | 4 5/16 | 7 5/8 | 9/16  | 3/4   |
| 4                      | 4 5/8  | 8 1/8 | 5/8   | 13/16 |
| 4 1/16                 | 4 3/4  | 8 1/4 | 5/8   | 13/16 |
| 4 1/4                  | 4 7/8  | 9 5/8 | 5/8   | 13/16 |
| 4 3/8                  | 5      | 9 7/8 | 11/16 | 7/8   |
| 4 1/2                  | 5 3/16 | 9 1/8 | 11/16 | 7/8   |
| 4 3/4                  | 5 7/16 | 9 5/8 | 3/4   | 1     |
| 4 7/8                  | 5 5/8  | 9 7/8 | 3/4   | 1     |

| DIMENSIONS IN (INCHES) |        |         |        |        |
|------------------------|--------|---------|--------|--------|
| A                      | B      | C       | D      | E      |
| 5                      | 5 3/4  | 10 1/8  | 3/4    | 1      |
| 5 1/4                  | 6      | 10 5/8  | 13/16  | 1 1/16 |
| 5 1/2                  | 6 3/8  | 11      | 7/8    | 1 1/8  |
| 5 3/4                  | 6 5/8  | 11      | 7/8    | 1 1/8  |
| 6                      | 6 7/8  | 12 3/16 | 15/16  | 1 3/16 |
| 6 1/2                  | 7 1/2  | 13 3/16 | 1      | 1 5/16 |
| 7                      | 8      | 14 3/16 | 1 1/16 | 1 3/8  |
| 7 1/2                  | 8 5/8  | 15 3/16 | 1 1/8  | 1 1/2  |
| 8                      | 9 3/16 | 16 1/4  | 1 1/4  | 1 5/8  |

# APPENDIX B-6A

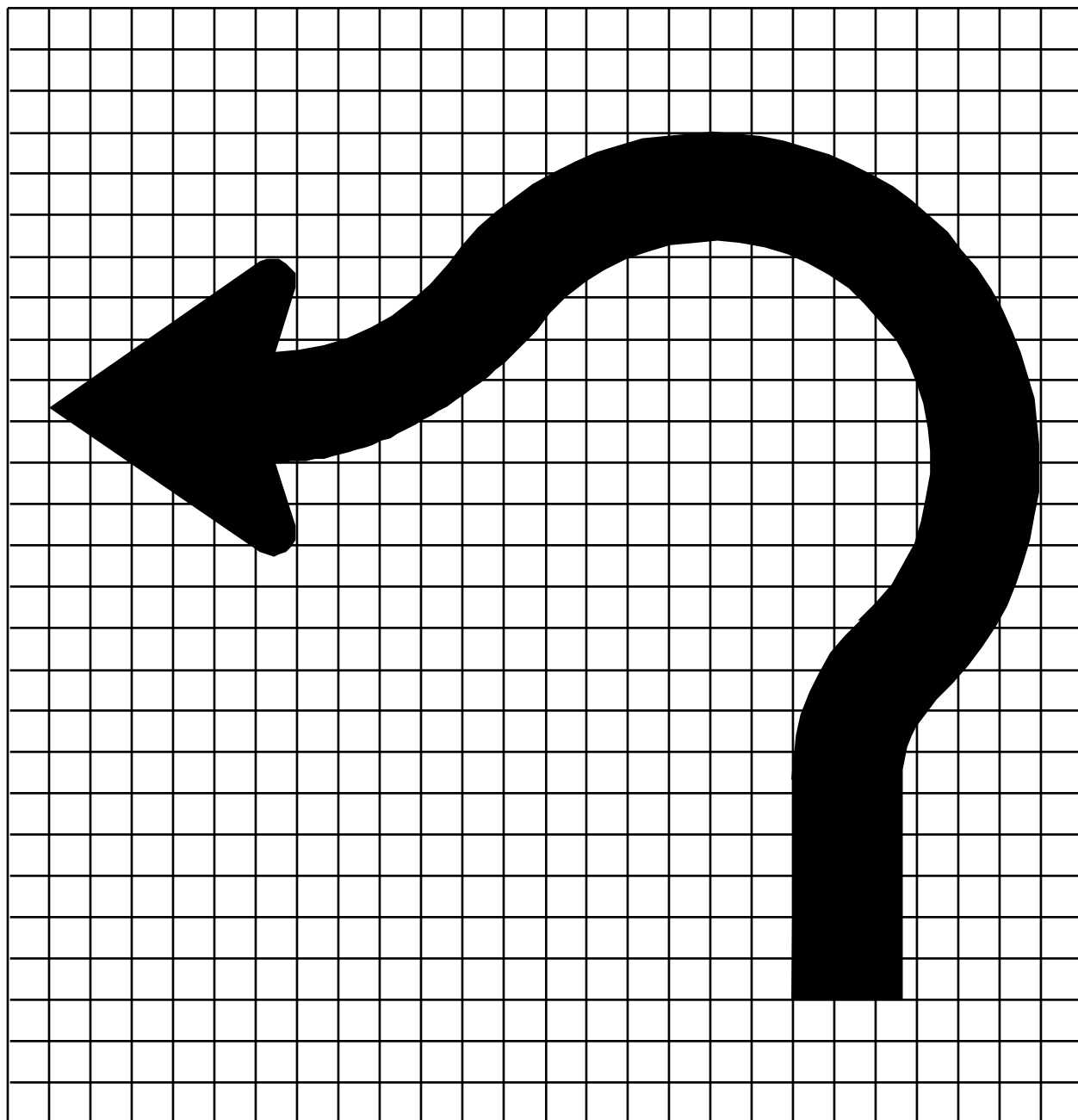
12/94



STANDARD ARROW

# APPENDIX B-7

5/06



# APPENDIX C-3

## SERIES B

10/97

### LETTER & NUMERAL WIDTHS AND SPACE BETWEEN LETTERS AND NUMERAL (IN INCHES)

To determine the proper space between letters or numerals, obtain the code number from table I or II and enter table VI for that code number to the desired letter or numeral height.

| TABLE I<br>LETTER TO LETTER CODE NUMBER |                  |            |            |
|-----------------------------------------|------------------|------------|------------|
| PRECEDING<br>LETTER                     | FOLLOWING LETTER |            |            |
|                                         | BDEPHK<br>LMNPRU | CGO<br>QSZ | AJT<br>VWY |
| A                                       | 2                | 2          | 4          |
| B                                       | 1                | 2          | 2          |
| C                                       | 2                | 2          | 3          |
| D                                       | 1                | 2          | 2          |
| E                                       | 2                | 2          | 3          |
| F                                       | 2                | 2          | 3          |
| G                                       | 1                | 2          | 2          |
| H                                       | 1                | 1          | 2          |
| I                                       | 1                | 1          | 2          |
| J                                       | 1                | 1          | 2          |
| K                                       | 2                | 2          | 3          |
| L                                       | 2                | 2          | 4          |
| M                                       | 1                | 1          | 2          |
| N                                       | 1                | 1          | 2          |
| O                                       | 1                | 2          | 2          |
| P                                       | 1                | 2          | 2          |
| Q                                       | 1                | 2          | 2          |
| R                                       | 1                | 2          | 2          |
| S                                       | 1                | 2          | 2          |
| T                                       | 2                | 2          | 4          |
| U                                       | 1                | 1          | 2          |
| V                                       | 2                | 2          | 4          |
| W                                       | 2                | 2          | 4          |
| X                                       | 2                | 2          | 3          |
| Y                                       | 2                | 2          | 4          |
| Z                                       | 2                | 2          | 3          |

| TABLE IV<br>WIDTH OF LETTER |      |      |      |      |      |      |       |
|-----------------------------|------|------|------|------|------|------|-------|
| LETTER HEIGHT               | 4"   | 5"   | 6"   | 8"   | 10"  | 12"  | 18"   |
| A                           | 2.12 | 2.66 | 3.19 | 4.25 | 5.31 | 6.38 | 9.56  |
| B                           | 1.69 | 2.11 | 2.53 | 3.38 | 4.22 | 5.06 | 7.59  |
| C                           | 1.69 | 2.11 | 2.53 | 3.38 | 4.22 | 5.06 | 7.59  |
| D                           | 1.69 | 2.11 | 2.53 | 3.38 | 4.22 | 5.06 | 7.59  |
| E                           | 1.50 | 1.88 | 2.25 | 3.00 | 3.75 | 4.50 | 6.75  |
| F                           | 1.50 | 1.88 | 2.25 | 3.00 | 3.75 | 4.50 | 6.75  |
| G                           | 1.69 | 2.11 | 2.53 | 3.38 | 4.22 | 5.06 | 7.59  |
| H                           | 1.69 | 2.11 | 2.53 | 3.38 | 4.22 | 5.06 | 7.59  |
| I                           | 0.50 | 0.62 | 0.75 | 1.00 | 1.25 | 1.50 | 2.25  |
| J                           | 1.75 | 2.19 | 2.62 | 3.50 | 4.38 | 5.25 | 7.88  |
| K                           | 1.75 | 2.19 | 2.62 | 3.50 | 4.38 | 5.25 | 7.88  |
| L                           | 1.50 | 1.88 | 2.25 | 3.00 | 3.75 | 4.50 | 6.75  |
| M                           | 1.94 | 2.42 | 2.91 | 3.88 | 4.84 | 5.81 | 8.72  |
| N                           | 1.69 | 2.11 | 2.53 | 3.38 | 4.22 | 5.06 | 7.59  |
| O                           | 1.81 | 2.27 | 2.72 | 3.62 | 4.53 | 5.44 | 8.16  |
| P                           | 1.69 | 2.11 | 2.53 | 3.38 | 4.22 | 5.06 | 7.59  |
| Q                           | 1.81 | 2.27 | 2.72 | 3.62 | 4.53 | 5.44 | 8.16  |
| R                           | 1.69 | 2.11 | 2.53 | 3.38 | 4.22 | 5.06 | 7.59  |
| S                           | 1.69 | 2.11 | 2.53 | 3.38 | 4.22 | 5.06 | 7.59  |
| T                           | 1.50 | 1.88 | 2.25 | 3.00 | 3.75 | 4.50 | 6.75  |
| U                           | 1.69 | 2.11 | 2.53 | 3.38 | 4.22 | 5.06 | 7.59  |
| V                           | 1.84 | 2.30 | 2.77 | 3.69 | 4.61 | 5.53 | 8.31  |
| W                           | 2.50 | 3.12 | 3.75 | 5.00 | 6.25 | 7.50 | 11.25 |
| X                           | 1.84 | 2.30 | 2.77 | 3.69 | 4.61 | 5.53 | 8.31  |
| Y                           | 2.12 | 2.66 | 3.19 | 4.25 | 5.31 | 6.38 | 9.56  |
| Z                           | 1.69 | 2.11 | 2.53 | 3.38 | 4.22 | 5.06 | 7.59  |

| TABLE II<br>NUMERAL TO NUMERAL CODE NUMBER |                  |             |     |
|--------------------------------------------|------------------|-------------|-----|
| PRECEDING<br>LETTER                        | FOLLOWING LETTER |             |     |
|                                            | 1 5              | 2 3 6 8 9 0 | 4 7 |
| 1                                          | 1                | 1           | 2   |
| 2                                          | 1                | 2           | 2   |
| 3                                          | 1                | 2           | 2   |
| 4                                          | 2                | 2           | 4   |
| 5                                          | 1                | 2           | 2   |
| 6                                          | 1                | 2           | 2   |
| 7                                          | 2                | 2           | 4   |
| 8                                          | 1                | 2           | 2   |
| 9                                          | 1                | 2           | 2   |
| 0                                          | 1                | 2           | 2   |

| TABLE V<br>WIDTH OF NUMERALS |      |      |      |      |      |      |      |
|------------------------------|------|------|------|------|------|------|------|
| NUMERAL<br>HEIGHT            | 4"   | 5"   | 6"   | 8"   | 10"  | 12"  | 18"  |
| 1                            | 0.81 | 1.02 | 1.22 | 1.62 | 2.03 | 2.44 | 3.66 |
| 2                            | 1.69 | 2.11 | 2.53 | 3.38 | 4.22 | 5.06 | 7.59 |
| 3                            | 1.69 | 2.11 | 2.53 | 3.38 | 4.22 | 5.06 | 7.59 |
| 4                            | 1.94 | 2.42 | 2.91 | 3.88 | 4.84 | 5.81 | 8.72 |
| 5                            | 1.69 | 2.11 | 2.53 | 3.38 | 4.22 | 5.06 | 7.59 |
| 6                            | 1.69 | 2.11 | 2.53 | 3.38 | 4.22 | 5.06 | 7.59 |
| 7                            | 1.69 | 2.11 | 2.53 | 3.38 | 4.22 | 5.06 | 7.59 |
| 8                            | 1.69 | 2.11 | 2.53 | 3.38 | 4.22 | 5.06 | 7.59 |
| 9                            | 1.69 | 2.11 | 2.53 | 3.38 | 4.22 | 5.06 | 7.59 |
| 0                            | 1.81 | 2.27 | 2.72 | 3.62 | 4.53 | 5.44 | 8.16 |

| TABLE III<br>WIDTH OF STROKE |                           |
|------------------------------|---------------------------|
| PRECEDING<br>LETTER          | STROKE WIDTH<br>IN INCHES |
| 4"                           | 0.50                      |
| 5"                           | 0.62                      |
| 6"                           | 0.75                      |
| 8"                           | 1.00                      |
| 10"                          | 1.25                      |
| 12"                          | 1.50                      |
| 18"                          | 2.25                      |

| TABLE VI<br>WIDTH OF NUMERALS                                                                                                                         |      |      |      |      |      |      |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|
| CODE<br>NUMBER                                                                                                                                        | 4"   | 5"   | 6"   | 8"   | 10"  | 12"  | 18"  |
| 1                                                                                                                                                     | 0.75 | 0.94 | 1.13 | 1.50 | 1.88 | 2.25 | 3.37 |
| 2                                                                                                                                                     | 0.60 | 0.75 | 0.90 | 1.20 | 1.50 | 1.80 | 2.70 |
| 3                                                                                                                                                     | 0.40 | 0.50 | 0.60 | 0.80 | 1.00 | 1.20 | 1.80 |
| 4                                                                                                                                                     | 0.20 | 0.25 | 0.30 | 0.50 | 0.50 | 0.60 | 0.90 |
| SPACE in inches measured horizontally from the extreme right edge of the preceding letter to the extreme left edge of the following letter (numeral). |      |      |      |      |      |      |      |

# APPENDIX C-3A

**SERIES B**

4/97

## LETTER & NUMERAL WIDTHS AND SPACE BETWEEN LETTERS AND NUMERAL (IN MILLIMETERS)

To determine the proper space between letters or numerals, obtain the code number from table I or II and enter table VI for that code number to the desired letter or numeral height.

| TABLE I<br>LETTER TO LETTER CODE NUMBER |                  |           |           |
|-----------------------------------------|------------------|-----------|-----------|
| PRECEDING<br>LETTER                     | FOLLOWING LETTER |           |           |
|                                         | BDEFHI<br>K      | CGO<br>QX | AJT<br>VW |
| A                                       | 2                | 2         | 4         |
| B                                       | 1                | 2         | 2         |
| C                                       | 2                | 2         | 3         |
| D                                       | 1                | 2         | 2         |
| E                                       | 2                | 2         | 3         |
| F                                       | 2                | 2         | 3         |
| G                                       | 1                | 2         | 2         |
| H                                       | 1                | 1         | 2         |
| I                                       | 1                | 1         | 2         |
| J                                       | 1                | 1         | 2         |
| K                                       | 2                | 2         | 3         |
| L                                       | 2                | 2         | 4         |
| M                                       | 1                | 1         | 2         |
| N                                       | 1                | 1         | 2         |
| O                                       | 1                | 2         | 2         |
| P                                       | 1                | 2         | 2         |
| Q                                       | 1                | 2         | 2         |
| R                                       | 1                | 2         | 2         |
| S                                       | 1                | 2         | 2         |
| T                                       | 2                | 2         | 4         |
| U                                       | 1                | 1         | 2         |
| V                                       | 2                | 2         | 4         |
| W                                       | 2                | 2         | 4         |
| X                                       | 2                | 2         | 3         |
| Y                                       | 2                | 2         | 4         |
| Z                                       | 2                | 2         | 3         |

| TABLE IV<br>WIDTH OF LETTER IN MILLIMETERS |           |     |     |     |     |     |     |     |     |     |
|--------------------------------------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| LETTER                                     | HEIGHT 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 400 |
| A                                          | 40        | 54  | 68  | 81  | 94  | 108 | 122 | 135 | 162 | 216 |
| B                                          | 32        | 43  | 54  | 64  | 75  | 86  | 96  | 107 | 128 | 172 |
| C                                          | 32        | 43  | 54  | 64  | 75  | 86  | 96  | 107 | 128 | 172 |
| D                                          | 32        | 43  | 54  | 64  | 75  | 86  | 96  | 107 | 128 | 172 |
| E                                          | 28        | 38  | 48  | 57  | 66  | 76  | 86  | 95  | 114 | 152 |
| F                                          | 28        | 38  | 48  | 57  | 66  | 76  | 86  | 95  | 114 | 152 |
| G                                          | 32        | 43  | 54  | 64  | 75  | 86  | 96  | 107 | 128 | 172 |
| H                                          | 32        | 43  | 54  | 64  | 75  | 86  | 96  | 107 | 128 | 172 |
| I                                          | 10        | 13  | 16  | 19  | 22  | 25  | 28  | 32  | 38  | 50  |
| J                                          | 33        | 44  | 56  | 66  | 78  | 89  | 100 | 111 | 133 | 178 |
| K                                          | 33        | 44  | 56  | 66  | 78  | 89  | 100 | 111 | 133 | 178 |
| L                                          | 28        | 38  | 48  | 57  | 66  | 76  | 86  | 95  | 114 | 152 |
| M                                          | 37        | 49  | 62  | 74  | 86  | 99  | 111 | 123 | 148 | 198 |
| N                                          | 32        | 43  | 54  | 64  | 75  | 86  | 96  | 107 | 128 | 172 |
| O                                          | 34        | 46  | 58  | 69  | 80  | 92  | 104 | 115 | 138 | 184 |
| P                                          | 32        | 43  | 54  | 64  | 75  | 86  | 96  | 107 | 128 | 172 |
| Q                                          | 34        | 46  | 58  | 69  | 80  | 92  | 104 | 115 | 138 | 184 |
| R                                          | 32        | 43  | 54  | 64  | 75  | 86  | 96  | 107 | 128 | 172 |
| S                                          | 32        | 43  | 54  | 64  | 75  | 86  | 96  | 107 | 128 | 172 |
| T                                          | 28        | 38  | 48  | 57  | 66  | 76  | 86  | 95  | 114 | 152 |
| U                                          | 32        | 43  | 54  | 64  | 75  | 86  | 96  | 107 | 128 | 172 |
| V                                          | 35        | 47  | 58  | 70  | 82  | 94  | 106 | 117 | 140 | 188 |
| W                                          | 48        | 64  | 79  | 95  | 111 | 127 | 143 | 159 | 190 | 254 |
| X                                          | 35        | 47  | 58  | 70  | 82  | 94  | 106 | 117 | 140 | 188 |
| Y                                          | 40        | 54  | 68  | 81  | 94  | 108 | 122 | 135 | 162 | 216 |
| Z                                          | 32        | 43  | 54  | 64  | 75  | 86  | 96  | 107 | 128 | 172 |

| TABLE II<br>NUMERAL TO NUMERAL CODE NUMBER |                  |             |     |
|--------------------------------------------|------------------|-------------|-----|
| PRECEDING<br>LETTER                        | FOLLOWING LETTER |             |     |
|                                            | 1 5              | 2 3 6 8 9 0 | 4 7 |
| 1                                          | 1                | 1           | 2   |
| 2                                          | 1                | 2           | 2   |
| 3                                          | 1                | 2           | 2   |
| 4                                          | 2                | 2           | 4   |
| 5                                          | 1                | 2           | 2   |
| 6                                          | 1                | 2           | 2   |
| 7                                          | 2                | 2           | 4   |
| 8                                          | 1                | 2           | 2   |
| 9                                          | 1                | 2           | 2   |
| 0                                          | 1                | 2           | 2   |

| TABLE V<br>WIDTH OF NUMERAL IN MILLIMETERS |    |     |     |     |     |     |     |     |     |     |
|--------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Numeral<br>Height                          | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 400 |
| 1                                          | 16 | 21  | 26  | 31  | 36  | 41  | 46  | 52  | 62  | 82  |
| 2                                          | 32 | 43  | 54  | 64  | 75  | 86  | 96  | 107 | 128 | 172 |
| 3                                          | 32 | 43  | 54  | 64  | 75  | 86  | 96  | 107 | 128 | 172 |
| 4                                          | 37 | 49  | 61  | 74  | 86  | 99  | 111 | 123 | 148 | 198 |
| 5                                          | 32 | 43  | 54  | 64  | 75  | 86  | 96  | 107 | 128 | 172 |
| 6                                          | 32 | 43  | 54  | 64  | 75  | 86  | 96  | 107 | 128 | 172 |
| 7                                          | 32 | 43  | 54  | 64  | 75  | 86  | 96  | 107 | 128 | 172 |
| 8                                          | 32 | 43  | 54  | 64  | 75  | 86  | 96  | 107 | 128 | 172 |
| 9                                          | 32 | 43  | 54  | 64  | 75  | 86  | 96  | 107 | 128 | 172 |
| 0                                          | 34 | 46  | 58  | 69  | 80  | 92  | 104 | 115 | 138 | 184 |

| TABLE III<br>WIDTH OF STROKE   |                                   |
|--------------------------------|-----------------------------------|
| LETTER OR<br>NUMERAL<br>HEIGHT | STROKE WIDTH<br>IN<br>MILLIMETERS |
| 74                             | 10                                |
| 100                            | 13                                |
| 125                            | 16                                |
| 150                            | 19                                |
| 175                            | 22                                |
| 200                            | 25                                |
| 225                            | 28                                |
| 250                            | 32                                |
| 300                            | 38                                |
| 400                            | 50                                |

| TABLE VI<br>WIDTH OF NUMERALS IN MILLIMETERS |    |     |     |     |     |     |     |     |     |     |
|----------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CODE<br>NUMBER                               | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 400 |
| 1                                            | 14 | 19  | 24  | 29  | 34  | 38  | 43  | 48  | 57  | 76  |
| 2                                            | 12 | 15  | 19  | 23  | 26  | 30  | 34  | 38  | 46  | 60  |
| 3                                            | 8  | 10  | 13  | 15  | 18  | 20  | 22  | 25  | 30  | 40  |
| 4                                            | 4  | 5   | 6   | 8   | 9   | 10  | 12  | 13  | 15  | 20  |

Space in millimeters measured horizontally from the extreme right edge of the preceding letter (or numeral) to the extreme left edge of the following letter (or numeral).

# APPENDIX C-4

10/97

**SERIES C**

## LETTER & NUMERAL WIDTHS AND SPACE BETWEEN LETTERS AND NUMERAL (IN INCHES)

To determine the proper space between letters or numerals, obtain the code number from table I or II and enter table VI for that code number to the desired letter or numeral height.

| TABLE I<br>LETTER TO LETTER CODE NUMBER |                  |           |           |
|-----------------------------------------|------------------|-----------|-----------|
| PRECEDING<br>LETTER                     | FOLLOWING LETTER |           |           |
|                                         | BDEFHI<br>K      | CGO<br>QX | AJT<br>VW |
| A                                       | 2                | 2         | 4         |
| B                                       | 1                | 2         | 2         |
| C                                       | 2                | 2         | 3         |
| D                                       | 1                | 2         | 2         |
| E                                       | 2                | 2         | 3         |
| F                                       | 2                | 2         | 3         |
| G                                       | 1                | 2         | 2         |
| H                                       | 1                | 1         | 2         |
| I                                       | 1                | 1         | 2         |
| J                                       | 1                | 1         | 2         |
| K                                       | 2                | 2         | 3         |
| L                                       | 2                | 2         | 4         |
| M                                       | 1                | 1         | 2         |
| N                                       | 1                | 1         | 2         |
| O                                       | 1                | 2         | 2         |
| P                                       | 1                | 2         | 2         |
| Q                                       | 1                | 2         | 2         |
| R                                       | 1                | 2         | 2         |
| S                                       | 1                | 2         | 2         |
| T                                       | 2                | 2         | 4         |
| U                                       | 1                | 1         | 2         |
| V                                       | 2                | 2         | 4         |
| W                                       | 2                | 2         | 4         |
| X                                       | 2                | 2         | 3         |
| Y                                       | 2                | 2         | 4         |
| Z                                       | 2                | 2         | 3         |

| TABLE IV<br>WIDTH OF LETTER |      |      |      |      |      |      |       |
|-----------------------------|------|------|------|------|------|------|-------|
| LETTER<br>HEIGHT            | 4    | 5    | 6    | 8    | 10   | 12   | 18    |
| A                           | 2.50 | 3.12 | 3.75 | 5.00 | 6.25 | 7.50 | 11.25 |
| B                           | 2.19 | 2.73 | 3.28 | 4.38 | 5.47 | 6.56 | 9.84  |
| C                           | 2.19 | 2.73 | 3.28 | 4.38 | 5.47 | 6.56 | 9.84  |
| D                           | 2.19 | 2.73 | 3.28 | 4.38 | 5.47 | 6.56 | 9.84  |
| E                           | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 6.00 | 9.00  |
| F                           | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 6.00 | 9.00  |
| G                           | 2.19 | 2.73 | 3.28 | 4.38 | 5.47 | 6.56 | 9.84  |
| H                           | 2.19 | 2.73 | 3.28 | 4.38 | 5.47 | 6.56 | 9.84  |
| I                           | 0.56 | 0.70 | 0.84 | 1.12 | 1.41 | 1.69 | 2.53  |
| J                           | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 6.00 | 9.00  |
| K                           | 2.19 | 2.73 | 3.28 | 4.38 | 5.47 | 6.56 | 9.84  |
| L                           | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 6.00 | 9.00  |
| M                           | 2.59 | 3.23 | 3.89 | 5.19 | 6.48 | 7.78 | 11.67 |
| N                           | 2.19 | 2.73 | 3.28 | 4.38 | 5.47 | 6.56 | 9.84  |
| O                           | 2.31 | 2.89 | 3.47 | 4.62 | 5.78 | 6.94 | 10.41 |
| P                           | 2.19 | 2.73 | 3.28 | 4.38 | 5.47 | 6.56 | 9.84  |
| Q                           | 2.31 | 2.89 | 3.47 | 4.62 | 5.78 | 6.94 | 10.41 |
| R                           | 2.19 | 2.73 | 3.28 | 4.38 | 5.47 | 6.56 | 9.84  |
| S                           | 2.19 | 2.73 | 3.28 | 4.38 | 5.47 | 6.56 | 9.84  |
| T                           | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 6.00 | 9.00  |
| U                           | 2.19 | 2.73 | 3.28 | 4.38 | 5.47 | 6.56 | 9.84  |
| V                           | 2.44 | 3.05 | 3.66 | 4.88 | 6.09 | 7.31 | 10.97 |
| W                           | 3.00 | 3.75 | 4.50 | 6.00 | 7.50 | 9.00 | 13.50 |
| X                           | 2.34 | 2.92 | 3.52 | 4.69 | 5.86 | 7.03 | 10.56 |
| Y                           | 2.50 | 3.12 | 3.75 | 5.00 | 6.25 | 7.50 | 11.25 |
| Z                           | 2.19 | 2.73 | 3.28 | 4.38 | 5.47 | 6.56 | 9.84  |

| TABLE II<br>NUMERAL TO NUMERAL CODE NUMBER |                  |             |     |
|--------------------------------------------|------------------|-------------|-----|
| PRECEDING<br>LETTER                        | FOLLOWING LETTER |             |     |
|                                            | 1 5              | 2 3 6 8 9 0 | 4 7 |
| 1                                          | 1                | 1           | 2   |
| 2                                          | 1                | 2           | 2   |
| 3                                          | 1                | 2           | 2   |
| 4                                          | 2                | 2           | 4   |
| 5                                          | 1                | 2           | 2   |
| 6                                          | 1                | 2           | 2   |
| 7                                          | 2                | 2           | 4   |
| 8                                          | 1                | 2           | 2   |
| 9                                          | 1                | 2           | 2   |
| 0                                          | 1                | 2           | 2   |

| TABLE V<br>WIDTH OF NUMERALS |      |      |      |      |      |      |       |
|------------------------------|------|------|------|------|------|------|-------|
| NUMERAL<br>HEIGHT            | 4    | 5    | 6    | 8    | 10   | 12   | 18    |
| 1                            | 0.81 | 1.02 | 1.22 | 1.62 | 2.03 | 2.44 | 3.66  |
| 2                            | 2.19 | 2.73 | 3.28 | 4.38 | 5.47 | 6.56 | 9.84  |
| 3                            | 2.19 | 2.73 | 3.28 | 4.38 | 5.47 | 6.56 | 9.84  |
| 4                            | 2.44 | 3.05 | 3.66 | 4.88 | 6.09 | 7.31 | 10.97 |
| 5                            | 2.19 | 2.73 | 3.28 | 4.38 | 5.47 | 6.56 | 9.84  |
| 6                            | 2.19 | 2.73 | 3.28 | 4.38 | 5.47 | 6.56 | 9.84  |
| 7                            | 2.19 | 2.73 | 3.28 | 4.38 | 5.47 | 6.56 | 9.84  |
| 8                            | 2.19 | 2.73 | 3.28 | 4.38 | 5.47 | 6.56 | 9.84  |
| 9                            | 2.19 | 2.73 | 3.28 | 4.38 | 5.47 | 6.56 | 9.84  |
| 0                            | 2.31 | 2.89 | 3.47 | 4.62 | 5.78 | 6.94 | 10.41 |

| TABLE III<br>WIDTH OF STROKE |                 |
|------------------------------|-----------------|
| PRECEDING<br>LETTER          | STROKE<br>WIDTH |
| 4"                           | 0.56            |
| 5"                           | 0.70            |
| 6"                           | 0.84            |
| 8"                           | 1.12            |
| 10                           | 1.41            |
| "                            | 1.69            |
| 12                           | 2.53            |

| TABLE VI<br>WIDTH OF NUMERALS |      |      |      |      |      |      |      |
|-------------------------------|------|------|------|------|------|------|------|
| CODE<br>NUMBER                | 4    | 5    | 6    | 8    | 10   | 12   | 18   |
| 1                             | 0.84 | 1.05 | 1.26 | 1.68 | 2.11 | 2.53 | 3.79 |
| 2                             | 0.67 | 0.84 | 1.01 | 1.34 | 1.69 | 2.03 | 3.04 |
| 3                             | 0.45 | 0.56 | 0.68 | 0.90 | 1.12 | 1.36 | 2.04 |
| 4                             | 0.22 | 0.28 | 0.34 | 0.44 | 0.56 | 0.68 | 1.02 |

SPACE in inches measured horizontally from the extreme right edge of the preceding letter to the extreme left edge of the following letter (numeral).

# APPENDIX C-4A

**SERIES C**

10/97

## LETTER & NUMERAL WIDTHS AND SPACE BETWEEN LETTERS AND NUMERAL (IN MILLIMETERS)

To determine the proper space between letters or numerals, obtain the code number from table I or II and enter table VI for that code number to the desired letter or numeral height.

| TABLE I<br>LETTER TO LETTER CODE NUMBER |                  |           |           |
|-----------------------------------------|------------------|-----------|-----------|
| PRECEDING<br>LETTER                     | FOLLOWING LETTER |           |           |
|                                         | BDEFHI<br>K      | CGO<br>QX | AJT<br>VW |
| A                                       | 2                | 2         | 4         |
| B                                       | 1                | 2         | 2         |
| C                                       | 2                | 2         | 3         |
| D                                       | 1                | 2         | 2         |
| E                                       | 2                | 2         | 3         |
| F                                       | 2                | 2         | 3         |
| G                                       | 1                | 2         | 2         |
| H                                       | 1                | 1         | 2         |
| I                                       | 1                | 1         | 2         |
| J                                       | 1                | 1         | 2         |
| K                                       | 2                | 2         | 3         |
| L                                       | 2                | 2         | 4         |
| M                                       | 1                | 1         | 2         |
| N                                       | 1                | 1         | 2         |
| O                                       | 1                | 2         | 2         |
| P                                       | 1                | 2         | 2         |
| Q                                       | 1                | 2         | 2         |
| R                                       | 1                | 2         | 2         |
| S                                       | 1                | 2         | 2         |
| T                                       | 2                | 2         | 4         |
| U                                       | 1                | 1         | 2         |
| V                                       | 2                | 2         | 4         |
| W                                       | 2                | 2         | 4         |
| X                                       | 2                | 2         | 3         |
| Y                                       | 2                | 2         | 4         |
| Z                                       | 2                | 2         | 3         |

| TABLE IV<br>WIDTH OF LETTER IN MILLIMETERS |    |     |     |     |     |     |     |     |     |     |
|--------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| LETTER HEIGHT                              | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 400 |
| A                                          | 48 | 64  | 79  | 95  | 111 | 127 | 143 | 159 | 190 | 254 |
| B                                          | 42 | 56  | 69  | 83  | 97  | 111 | 125 | 139 | 167 | 222 |
| C                                          | 42 | 56  | 69  | 83  | 97  | 111 | 125 | 139 | 167 | 222 |
| D                                          | 42 | 56  | 69  | 83  | 97  | 111 | 125 | 139 | 167 | 222 |
| E                                          | 38 | 51  | 64  | 76  | 89  | 102 | 114 | 127 | 152 | 204 |
| F                                          | 38 | 51  | 64  | 76  | 89  | 102 | 114 | 127 | 152 | 204 |
| G                                          | 42 | 56  | 69  | 83  | 97  | 111 | 125 | 139 | 167 | 222 |
| H                                          | 42 | 56  | 69  | 83  | 97  | 111 | 125 | 139 | 167 | 222 |
| I                                          | 10 | 14  | 18  | 21  | 24  | 28  | 32  | 36  | 43  | 56  |
| J                                          | 38 | 51  | 64  | 76  | 89  | 102 | 114 | 127 | 152 | 204 |
| K                                          | 42 | 56  | 69  | 83  | 97  | 111 | 125 | 139 | 167 | 222 |
| L                                          | 38 | 51  | 64  | 76  | 89  | 102 | 114 | 127 | 152 | 204 |
| M                                          | 50 | 66  | 82  | 99  | 116 | 132 | 148 | 165 | 198 | 264 |
| N                                          | 42 | 56  | 69  | 83  | 97  | 111 | 125 | 139 | 167 | 222 |
| O                                          | 44 | 59  | 73  | 88  | 102 | 117 | 132 | 147 | 176 | 234 |
| P                                          | 42 | 56  | 69  | 83  | 97  | 111 | 125 | 139 | 167 | 222 |
| Q                                          | 44 | 59  | 73  | 88  | 102 | 117 | 132 | 147 | 176 | 234 |
| R                                          | 42 | 56  | 69  | 83  | 97  | 111 | 125 | 139 | 167 | 222 |
| S                                          | 42 | 56  | 69  | 83  | 97  | 111 | 125 | 139 | 167 | 222 |
| T                                          | 38 | 51  | 64  | 76  | 89  | 102 | 114 | 127 | 152 | 204 |
| U                                          | 42 | 56  | 69  | 83  | 97  | 111 | 125 | 139 | 167 | 222 |
| V                                          | 46 | 62  | 77  | 93  | 108 | 124 | 140 | 155 | 186 | 248 |
| W                                          | 57 | 76  | 95  | 114 | 133 | 152 | 171 | 190 | 229 | 304 |
| X                                          | 44 | 59  | 74  | 89  | 104 | 119 | 134 | 149 | 179 | 238 |
| Y                                          | 48 | 64  | 79  | 95  | 111 | 127 | 143 | 159 | 190 | 254 |
| Z                                          | 42 | 56  | 69  | 83  | 97  | 111 | 125 | 139 | 167 | 222 |

| TABLE II<br>NUMERAL TO NUMERAL CODE NUMBER |                  |             |     |
|--------------------------------------------|------------------|-------------|-----|
| PRECEDING<br>LETTER                        | FOLLOWING LETTER |             |     |
|                                            | 1 5              | 2 3 6 8 9 0 | 4 7 |
| 1                                          | 1                | 1           | 2   |
| 2                                          | 1                | 2           | 2   |
| 3                                          | 1                | 2           | 2   |
| 4                                          | 2                | 2           | 4   |
| 5                                          | 1                | 2           | 2   |
| 6                                          | 1                | 2           | 2   |
| 7                                          | 2                | 2           | 4   |
| 8                                          | 1                | 2           | 2   |
| 9                                          | 1                | 2           | 2   |
| 0                                          | 1                | 2           | 2   |

| TABLE V<br>WIDTH OF NUMERAL IN MILLIMETERS |    |     |     |     |     |     |     |     |     |     |
|--------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Numeral Height                             | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 400 |
| 1                                          | 16 | 21  | 26  | 31  | 36  | 41  | 46  | 52  | 62  | 82  |
| 2                                          | 42 | 56  | 69  | 83  | 97  | 111 | 125 | 139 | 167 | 222 |
| 3                                          | 42 | 56  | 69  | 83  | 97  | 111 | 125 | 139 | 167 | 222 |
| 4                                          | 46 | 62  | 77  | 93  | 108 | 124 | 140 | 155 | 186 | 248 |
| 5                                          | 42 | 56  | 69  | 83  | 97  | 111 | 125 | 139 | 167 | 222 |
| 6                                          | 42 | 56  | 69  | 83  | 97  | 111 | 125 | 139 | 167 | 222 |
| 7                                          | 42 | 56  | 69  | 83  | 97  | 111 | 125 | 139 | 167 | 222 |
| 8                                          | 42 | 56  | 69  | 83  | 97  | 111 | 125 | 139 | 167 | 222 |
| 9                                          | 42 | 56  | 69  | 83  | 97  | 111 | 125 | 139 | 167 | 222 |
| 0                                          | 44 | 59  | 73  | 88  | 102 | 117 | 132 | 147 | 176 | 234 |

| TABLE III<br>WIDTH OF STROKE   |                       |
|--------------------------------|-----------------------|
| LETTER OR<br>NUMERAL<br>HEIGHT | STROKE<br>WIDTH<br>IN |
| 75                             | 10                    |
| 100                            | 14                    |
| 125                            | 18                    |
| 150                            | 21                    |
| 175                            | 24                    |
| 200                            | 28                    |
| 225                            | 32                    |
| 250                            | 36                    |
| 300                            | 43                    |
| 400                            | 57                    |

| TABLE VI<br>WIDTH OF NUMERALS IN MILLIMETERS |    |     |     |     |     |     |     |     |     |     |
|----------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CODE<br>NUMBER                               | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 400 |
| 1                                            | 16 | 21  | 27  | 32  | 38  | 43  | 48  | 54  | 64  | 85  |
| 2                                            | 13 | 17  | 21  | 26  | 30  | 34  | 38  | 43  | 52  | 69  |
| 3                                            | 8  | 11  | 14  | 17  | 20  | 23  | 26  | 28  | 34  | 45  |
| 4                                            | 4  | 6   | 7   | 9   | 10  | 11  | 12  | 14  | 17  | 23  |

Space in millimeters measured horizontally from the extreme right edge of the preceding letter (or numeral) to the extreme left edge of the following letter (or numeral).



# APPENDIX C-5

**SERIES D**

10/97

## LETTER & NUMERAL WIDTHS AND SPACE BETWEEN LETTERS AND NUMERAL (IN INCHES)

To determine the proper space between letters or numerals, obtain the code number from table I or II and enter table VI for that code number to the desired letter or numeral height.

| TABLE I<br>LETTER TO LETTER CODE NUMBER |                  |           |           |
|-----------------------------------------|------------------|-----------|-----------|
| PRECEDING<br>LETTER                     | FOLLOWING LETTER |           |           |
|                                         | BDFHI<br>K       | CGO<br>QX | AJT<br>VW |
| A                                       | 2                | 2         | 4         |
| B                                       | 1                | 2         | 2         |
| C                                       | 2                | 2         | 3         |
| D                                       | 1                | 2         | 2         |
| E                                       | 2                | 2         | 3         |
| F                                       | 2                | 2         | 3         |
| G                                       | 1                | 2         | 2         |
| H                                       | 1                | 1         | 2         |
| I                                       | 1                | 1         | 2         |
| J                                       | 1                | 1         | 2         |
| K                                       | 2                | 2         | 3         |
| L                                       | 2                | 2         | 4         |
| M                                       | 1                | 1         | 2         |
| N                                       | 1                | 1         | 2         |
| O                                       | 1                | 2         | 2         |
| P                                       | 1                | 2         | 2         |
| Q                                       | 1                | 2         | 2         |
| R                                       | 1                | 2         | 2         |
| S                                       | 1                | 2         | 2         |
| T                                       | 2                | 2         | 4         |
| U                                       | 1                | 1         | 2         |
| V                                       | 2                | 2         | 4         |
| W                                       | 2                | 2         | 4         |
| X                                       | 2                | 2         | 3         |
| Y                                       | 2                | 2         | 4         |
| Z                                       | 2                | 2         | 3         |

| TABLE IV<br>WIDTH OF LETTER |               |      |      |      |      |       |       |
|-----------------------------|---------------|------|------|------|------|-------|-------|
| LETTER                      | LETTER HEIGHT |      |      |      |      |       |       |
|                             | 4             | 5    | 6    | 8    | 10   | 12    | 18    |
| A                           | 3.34          | 4.19 | 5.02 | 6.69 | 8.36 | 10.03 | 15.06 |
| B                           | 2.69          | 3.36 | 4.03 | 5.38 | 6.72 | 8.06  | 12.09 |
| C                           | 2.69          | 3.36 | 4.03 | 5.38 | 6.72 | 8.06  | 12.09 |
| D                           | 2.69          | 3.36 | 4.03 | 5.38 | 6.72 | 8.06  | 12.09 |
| E                           | 2.44          | 3.05 | 3.66 | 4.88 | 6.09 | 7.31  | 10.97 |
| F                           | 2.44          | 3.05 | 3.66 | 4.88 | 6.09 | 7.31  | 10.97 |
| G                           | 2.69          | 3.36 | 4.03 | 5.38 | 6.72 | 8.06  | 12.09 |
| H                           | 2.69          | 3.36 | 4.03 | 5.38 | 6.72 | 8.06  | 12.09 |
| I                           | 0.62          | 0.78 | 0.94 | 1.25 | 1.56 | 1.88  | 2.81  |
| J                           | 2.50          | 3.12 | 3.75 | 5.00 | 6.25 | 7.50  | 11.25 |
| K                           | 2.75          | 3.44 | 4.12 | 5.50 | 6.88 | 8.25  | 12.38 |
| L                           | 2.44          | 3.05 | 3.66 | 4.88 | 6.09 | 7.31  | 10.97 |
| M                           | 3.09          | 3.86 | 4.64 | 6.19 | 7.73 | 9.28  | 13.94 |
| N                           | 2.69          | 3.36 | 4.03 | 5.38 | 6.72 | 8.06  | 12.09 |
| O                           | 2.81          | 3.50 | 4.22 | 5.62 | 7.03 | 8.44  | 12.66 |
| P                           | 2.69          | 3.36 | 4.03 | 5.38 | 6.72 | 8.06  | 12.09 |
| Q                           | 2.81          | 3.50 | 4.22 | 5.62 | 7.03 | 8.44  | 12.66 |
| R                           | 2.69          | 3.36 | 4.03 | 5.38 | 6.72 | 8.06  | 12.09 |
| S                           | 2.69          | 3.36 | 4.03 | 5.38 | 6.72 | 8.06  | 12.09 |
| T                           | 2.44          | 3.05 | 3.66 | 4.88 | 6.09 | 7.31  | 10.97 |
| U                           | 2.69          | 3.36 | 4.03 | 5.38 | 6.72 | 8.06  | 12.09 |
| V                           | 3.00          | 3.75 | 4.50 | 6.00 | 7.50 | 9.00  | 13.50 |
| W                           | 3.50          | 4.38 | 5.25 | 7.00 | 8.75 | 10.50 | 15.75 |
| X                           | 2.69          | 3.36 | 4.03 | 5.38 | 6.72 | 8.06  | 12.09 |
| Y                           | 3.38          | 4.22 | 5.06 | 6.75 | 8.44 | 10.12 | 15.19 |
| Z                           | 2.69          | 3.36 | 4.03 | 5.38 | 6.72 | 8.06  | 12.09 |

| TABLE II<br>NUMERAL TO NUMERAL CODE NUMBER |                  |        |    |
|--------------------------------------------|------------------|--------|----|
| PRECEDING<br>LETTER                        | FOLLOWING LETTER |        |    |
|                                            | 15               | 236890 | 47 |
| 1                                          | 1                | 1      | 2  |
| 2                                          | 1                | 2      | 2  |
| 3                                          | 1                | 2      | 2  |
| 4                                          | 2                | 2      | 4  |
| 5                                          | 1                | 2      | 2  |
| 6                                          | 1                | 2      | 2  |
| 7                                          | 2                | 2      | 4  |
| 8                                          | 1                | 2      | 2  |
| 9                                          | 1                | 2      | 2  |
| 0                                          | 1                | 2      | 2  |

| TABLE V<br>WIDTH OF NUMERALS |                |      |      |      |      |      |       |
|------------------------------|----------------|------|------|------|------|------|-------|
| NUMERAL<br>HEIGHT            | NUMERAL HEIGHT |      |      |      |      |      |       |
|                              | 4              | 5    | 6    | 8    | 10   | 12   | 18    |
| 1                            | 0.97           | 1.20 | 1.45 | 1.94 | 2.42 | 2.91 | 4.38  |
| 2                            | 2.69           | 3.36 | 4.03 | 5.38 | 6.72 | 8.06 | 12.09 |
| 3                            | 2.69           | 3.36 | 4.03 | 5.38 | 6.72 | 8.06 | 12.09 |
| 4                            | 2.94           | 3.67 | 4.41 | 5.88 | 7.34 | 8.81 | 13.22 |
| 5                            | 2.69           | 3.36 | 4.03 | 5.38 | 6.72 | 8.06 | 12.09 |
| 6                            | 2.69           | 3.36 | 4.03 | 5.38 | 6.72 | 8.06 | 12.09 |
| 7                            | 2.69           | 3.36 | 4.03 | 5.38 | 6.72 | 8.06 | 12.09 |
| 8                            | 2.69           | 3.36 | 4.03 | 5.38 | 6.72 | 8.06 | 12.09 |
| 9                            | 2.69           | 3.36 | 4.03 | 5.38 | 6.72 | 8.06 | 12.09 |
| 0                            | 2.81           | 3.50 | 4.22 | 5.62 | 7.03 | 8.44 | 12.66 |

| TABLE III<br>WIDTH OF STROKE |                 |
|------------------------------|-----------------|
| PRECEDING<br>LETTER          | STROKE<br>WIDTH |
| 4"                           | 0.62            |
| 5"                           | 0.78            |
| 6"                           | 0.94            |
| 8"                           | 1.25            |
| 10                           | 1.56            |
| "                            | 1.88            |
| 12                           | 2.81            |

| TABLE VI<br>WIDTH OF NUMERALS                                                                                                                         |             |      |      |      |      |      |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|------|------|------|------|------|
| CODE<br>NUMBER                                                                                                                                        | CODE NUMBER |      |      |      |      |      |      |
|                                                                                                                                                       | 4           | 5    | 6    | 8    | 10   | 12   | 18   |
| 1                                                                                                                                                     | 0.94        | 1.17 | 1.41 | 1.88 | 2.34 | 2.81 | 4.22 |
| 2                                                                                                                                                     | 0.75        | 0.94 | 1.12 | 1.50 | 1.88 | 2.25 | 3.38 |
| 3                                                                                                                                                     | 0.50        | 0.62 | 0.75 | 1.00 | 1.25 | 1.50 | 2.25 |
| 4                                                                                                                                                     | 0.25        | 0.31 | 0.38 | 0.50 | 0.62 | 0.75 | 1.12 |
| SPACE in inches measured horizontally from the extreme right edge of the preceding letter to the extreme left edge of the following letter (numeral). |             |      |      |      |      |      |      |

# APPENDIX C-5A

**SERIES D**

10/97

## LETTER & NUMERAL WIDTHS AND SPACE BETWEEN LETTERS AND NUMERAL (IN MILLIMETERS)

To determine the proper space between letters or numerals, obtain the code number from table I or II and enter table VI for that code number to the desired letter or numeral height.

| TABLE I<br>LETTER TO LETTER CODE NUMBER |                  |           |           |
|-----------------------------------------|------------------|-----------|-----------|
| PRECEDING<br>LETTER                     | FOLLOWING LETTER |           |           |
|                                         | BDEFHI<br>K      | CGO<br>QX | AJT<br>VW |
| A                                       | 2                | 2         | 4         |
| B                                       | 1                | 2         | 2         |
| C                                       | 2                | 2         | 3         |
| D                                       | 1                | 2         | 2         |
| E                                       | 2                | 2         | 3         |
| F                                       | 2                | 2         | 3         |
| G                                       | 1                | 2         | 2         |
| H                                       | 1                | 1         | 2         |
| I                                       | 1                | 1         | 2         |
| J                                       | 1                | 1         | 2         |
| K                                       | 2                | 2         | 3         |
| L                                       | 2                | 2         | 4         |
| M                                       | 1                | 1         | 2         |
| N                                       | 1                | 1         | 2         |
| O                                       | 1                | 2         | 2         |
| P                                       | 1                | 2         | 2         |
| Q                                       | 1                | 2         | 2         |
| R                                       | 1                | 2         | 2         |
| S                                       | 1                | 2         | 2         |
| T                                       | 2                | 2         | 4         |
| U                                       | 1                | 1         | 2         |
| V                                       | 2                | 2         | 4         |
| W                                       | 2                | 2         | 4         |
| X                                       | 2                | 2         | 3         |
| Y                                       | 2                | 2         | 4         |
| Z                                       | 2                | 2         | 3         |

| TABLE IV<br>WIDTH OF LETTER IN MILLIMETERS |    |     |     |     |     |     |     |     |     |     |
|--------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| LETTER HEIGHT                              | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 400 |
| A                                          | 64 | 85  | 106 | 128 | 149 | 170 | 191 | 212 | 255 | 340 |
| B                                          | 51 | 68  | 85  | 102 | 120 | 137 | 154 | 171 | 205 | 274 |
| C                                          | 51 | 68  | 85  | 102 | 120 | 137 | 154 | 171 | 205 | 274 |
| D                                          | 51 | 68  | 85  | 102 | 120 | 137 | 154 | 171 | 205 | 274 |
| E                                          | 46 | 62  | 77  | 93  | 108 | 124 | 140 | 155 | 186 | 248 |
| F                                          | 46 | 62  | 77  | 93  | 108 | 124 | 140 | 155 | 186 | 248 |
| G                                          | 51 | 68  | 85  | 102 | 120 | 137 | 154 | 171 | 205 | 274 |
| H                                          | 51 | 68  | 85  | 102 | 120 | 137 | 154 | 171 | 205 | 274 |
| I                                          | 12 | 16  | 20  | 24  | 28  | 32  | 36  | 40  | 48  | 64  |
| J                                          | 48 | 64  | 79  | 95  | 111 | 127 | 143 | 159 | 190 | 254 |
| K                                          | 52 | 70  | 87  | 105 | 122 | 140 | 158 | 175 | 210 | 280 |
| L                                          | 46 | 62  | 77  | 93  | 108 | 124 | 140 | 155 | 186 | 248 |
| M                                          | 59 | 78  | 98  | 118 | 138 | 157 | 176 | 196 | 236 | 314 |
| N                                          | 51 | 68  | 85  | 102 | 120 | 137 | 154 | 171 | 205 | 274 |
| O                                          | 54 | 71  | 89  | 107 | 125 | 143 | 161 | 179 | 214 | 286 |
| P                                          | 51 | 68  | 85  | 102 | 120 | 137 | 154 | 171 | 205 | 274 |
| Q                                          | 54 | 71  | 89  | 107 | 125 | 143 | 161 | 179 | 214 | 286 |
| R                                          | 51 | 68  | 85  | 102 | 120 | 137 | 154 | 171 | 205 | 274 |
| S                                          | 51 | 68  | 85  | 102 | 120 | 137 | 154 | 171 | 205 | 274 |
| T                                          | 46 | 62  | 77  | 93  | 108 | 124 | 140 | 155 | 186 | 248 |
| U                                          | 51 | 68  | 85  | 102 | 120 | 137 | 154 | 171 | 205 | 274 |
| V                                          | 57 | 76  | 95  | 114 | 133 | 152 | 171 | 190 | 229 | 304 |
| W                                          | 66 | 89  | 111 | 133 | 156 | 178 | 200 | 222 | 267 | 356 |
| X                                          | 51 | 68  | 85  | 102 | 120 | 137 | 154 | 171 | 205 | 274 |
| Y                                          | 64 | 86  | 107 | 128 | 150 | 171 | 192 | 214 | 257 | 342 |
| Z                                          | 51 | 68  | 85  | 102 | 120 | 137 | 154 | 171 | 205 | 274 |

| TABLE II<br>NUMERAL TO NUMERAL CODE NUMBER |                  |             |     |
|--------------------------------------------|------------------|-------------|-----|
| PRECEDING<br>LETTER                        | FOLLOWING LETTER |             |     |
|                                            | 1 5              | 2 3 6 8 9 0 | 4 7 |
| 1                                          | 1                | 1           | 2   |
| 2                                          | 1                | 2           | 2   |
| 3                                          | 1                | 2           | 2   |
| 4                                          | 2                | 2           | 4   |
| 5                                          | 1                | 2           | 2   |
| 6                                          | 1                | 2           | 2   |
| 7                                          | 2                | 2           | 4   |
| 8                                          | 1                | 2           | 2   |
| 9                                          | 1                | 2           | 2   |
| 0                                          | 1                | 2           | 2   |

| TABLE V<br>WIDTH OF NUMERAL IN MILLIMETERS |    |     |     |     |     |     |     |     |     |     |
|--------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Numeral<br>Height                          | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 400 |
| 1                                          | 18 | 25  | 30  | 37  | 44  | 50  | 56  | 61  | 74  | 98  |
| 2                                          | 51 | 68  | 85  | 102 | 120 | 137 | 154 | 171 | 205 | 274 |
| 3                                          | 51 | 68  | 85  | 102 | 120 | 137 | 154 | 171 | 205 | 274 |
| 4                                          | 56 | 75  | 93  | 112 | 130 | 149 | 168 | 186 | 224 | 298 |
| 5                                          | 51 | 68  | 85  | 102 | 120 | 137 | 154 | 171 | 205 | 274 |
| 6                                          | 51 | 68  | 85  | 102 | 120 | 137 | 154 | 171 | 205 | 274 |
| 7                                          | 51 | 68  | 85  | 102 | 120 | 137 | 154 | 171 | 205 | 274 |
| 8                                          | 51 | 68  | 85  | 102 | 120 | 137 | 154 | 171 | 205 | 274 |
| 9                                          | 51 | 68  | 85  | 102 | 120 | 137 | 154 | 171 | 205 | 274 |
| 0                                          | 54 | 71  | 89  | 107 | 125 | 143 | 161 | 179 | 214 | 286 |

| TABLE III<br>WIDTH OF STROKE   |                                   |
|--------------------------------|-----------------------------------|
| LETTER OR<br>NUMERAL<br>HEIGHT | STROKE WIDTH<br>IN<br>MILLIMETERS |
| 75                             | 12                                |
| 100                            | 16                                |
| 125                            | 20                                |
| 150                            | 24                                |
| 175                            | 28                                |
| 200                            | 32                                |
| 225                            | 36                                |
| 250                            | 40                                |
| 300                            | 48                                |
| 400                            | 64                                |

| TABLE VI<br>WIDTH OF NUMERALS IN MILLIMETERS |    |     |     |     |     |     |     |     |     |     |
|----------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CODE<br>NUMBER                               | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 400 |
| 1                                            | 18 | 24  | 30  | 36  | 42  | 48  | 54  | 59  | 71  | 96  |
| 2                                            | 14 | 19  | 24  | 28  | 33  | 38  | 43  | 48  | 57  | 76  |
| 3                                            | 10 | 13  | 16  | 19  | 22  | 25  | 28  | 32  | 38  | 50  |
| 4                                            | 5  | 6   | 8   | 10  | 12  | 13  | 14  | 16  | 19  | 26  |

Space in millimeters measured horizontally from the extreme right edge of the preceding letter (or numeral) to the extreme left edge of the following letter (or numeral).

# APPENDIX C-6

**SERIES E**

10/97

## LETTER & NUMERAL WIDTHS AND SPACE BETWEEN LETTERS AND NUMERAL (IN INCHES)

To determine the proper space between letters or numerals, obtain the code number from table I or II and enter table VI for that code number to the desired letter or numeral height.

| TABLE I<br>LETTER TO LETTER CODE NUMBER |                  |           |           |
|-----------------------------------------|------------------|-----------|-----------|
| PRECEDING<br>LETTER                     | FOLLOWING LETTER |           |           |
|                                         | BDFHI<br>K       | CGO<br>QX | AJT<br>VW |
| A                                       | 2                | 2         | 4         |
| B                                       | 1                | 2         | 2         |
| C                                       | 2                | 2         | 3         |
| D                                       | 1                | 2         | 2         |
| E                                       | 2                | 2         | 3         |
| F                                       | 2                | 2         | 3         |
| G                                       | 1                | 2         | 2         |
| H                                       | 1                | 1         | 2         |
| I                                       | 1                | 1         | 2         |
| J                                       | 1                | 1         | 2         |
| K                                       | 2                | 2         | 3         |
| L                                       | 2                | 2         | 4         |
| M                                       | 1                | 1         | 2         |
| N                                       | 1                | 1         | 2         |
| O                                       | 1                | 2         | 2         |
| P                                       | 1                | 2         | 2         |
| Q                                       | 1                | 2         | 2         |
| R                                       | 1                | 2         | 2         |
| S                                       | 1                | 2         | 2         |
| T                                       | 2                | 2         | 4         |
| U                                       | 1                | 1         | 2         |
| V                                       | 2                | 2         | 4         |
| W                                       | 2                | 2         | 4         |
| X                                       | 2                | 2         | 3         |
| Y                                       | 2                | 2         | 4         |
| Z                                       | 2                | 2         | 3         |

| TABLE IV<br>WIDTH OF LETTER |      |      |      |      |       |       |       |
|-----------------------------|------|------|------|------|-------|-------|-------|
| LETTER HEIGHT               | 4    | 5    | 6    | 8    | 10    | 12    | 18    |
| A                           | 4.00 | 5.00 | 6.00 | 8.00 | 10.00 | 12.00 | 18.00 |
| B                           | 3.19 | 3.98 | 4.78 | 6.38 | 7.97  | 9.56  | 14.34 |
| C                           | 3.19 | 3.98 | 4.78 | 6.38 | 7.97  | 9.56  | 14.34 |
| D                           | 3.19 | 3.98 | 4.78 | 6.38 | 7.97  | 9.56  | 14.34 |
| E                           | 2.94 | 3.67 | 4.41 | 5.88 | 7.34  | 8.81  | 13.22 |
| F                           | 2.94 | 3.67 | 4.41 | 5.88 | 7.34  | 8.81  | 13.22 |
| G                           | 3.19 | 3.98 | 4.78 | 6.38 | 7.97  | 9.56  | 14.34 |
| H                           | 3.19 | 3.98 | 4.78 | 6.38 | 7.97  | 9.56  | 14.34 |
| I                           | 0.69 | 0.86 | 1.03 | 1.38 | 1.72  | 2.06  | 3.09  |
| J                           | 3.00 | 3.75 | 4.50 | 6.00 | 7.50  | 9.00  | 13.50 |
| K                           | 3.25 | 4.06 | 4.88 | 6.50 | 8.12  | 9.75  | 14.62 |
| L                           | 2.94 | 3.67 | 4.41 | 5.88 | 7.34  | 8.81  | 13.22 |
| M                           | 3.69 | 4.61 | 5.53 | 7.38 | 9.22  | 11.06 | 16.59 |
| N                           | 3.19 | 3.98 | 4.78 | 6.38 | 7.97  | 9.56  | 14.34 |
| O                           | 3.31 | 4.14 | 4.97 | 6.62 | 8.28  | 9.94  | 14.91 |
| P                           | 3.19 | 3.98 | 4.78 | 6.38 | 7.97  | 9.56  | 14.34 |
| Q                           | 3.31 | 4.14 | 4.97 | 6.62 | 8.28  | 9.94  | 14.91 |
| R                           | 3.19 | 3.98 | 4.78 | 6.38 | 7.97  | 9.56  | 14.34 |
| S                           | 3.19 | 3.98 | 4.78 | 6.38 | 7.97  | 9.56  | 14.34 |
| T                           | 2.94 | 3.67 | 4.41 | 5.88 | 7.34  | 8.81  | 13.22 |
| U                           | 3.19 | 3.98 | 4.78 | 6.38 | 7.97  | 9.56  | 14.34 |
| V                           | 3.62 | 4.53 | 5.44 | 7.25 | 9.06  | 10.88 | 16.31 |
| W                           | 4.19 | 5.23 | 6.28 | 8.38 | 10.47 | 12.56 | 18.84 |
| X                           | 3.44 | 4.30 | 5.16 | 6.88 | 8.59  | 10.31 | 15.47 |
| Y                           | 4.00 | 5.00 | 6.00 | 8.00 | 10.00 | 12.00 | 18.00 |
| Z                           | 3.19 | 3.98 | 4.78 | 6.38 | 7.97  | 9.56  | 14.34 |

| TABLE II<br>NUMERAL TO NUMERAL CODE NUMBER |                  |             |     |
|--------------------------------------------|------------------|-------------|-----|
| PRECEDING<br>LETTER                        | FOLLOWING LETTER |             |     |
|                                            | 1 5              | 2 3 6 8 9 0 | 4 7 |
| 1                                          | 1                | 1           | 2   |
| 2                                          | 1                | 2           | 2   |
| 3                                          | 1                | 2           | 2   |
| 4                                          | 2                | 2           | 4   |
| 5                                          | 1                | 2           | 2   |
| 6                                          | 1                | 2           | 2   |
| 7                                          | 2                | 2           | 4   |
| 8                                          | 1                | 2           | 2   |
| 9                                          | 1                | 2           | 2   |
| 0                                          | 1                | 2           | 2   |

| TABLE V<br>WIDTH OF NUMERALS |      |      |      |      |      |       |       |
|------------------------------|------|------|------|------|------|-------|-------|
| NUMERAL<br>HEIGHT            | 4    | 5    | 6    | 8    | 10   | 12    | 18    |
| 1                            | 1.19 | 1.48 | 1.78 | 2.38 | 2.97 | 3.56  | 5.34  |
| 2                            | 3.19 | 3.98 | 4.78 | 6.38 | 7.97 | 9.56  | 14.34 |
| 3                            | 3.19 | 3.98 | 4.78 | 6.38 | 7.97 | 9.56  | 14.34 |
| 4                            | 3.69 | 4.61 | 5.53 | 7.38 | 9.22 | 11.06 | 16.59 |
| 5                            | 3.19 | 3.98 | 4.78 | 6.38 | 7.97 | 9.56  | 14.34 |
| 6                            | 3.19 | 3.98 | 4.78 | 6.38 | 7.97 | 9.56  | 14.34 |
| 7                            | 3.19 | 3.98 | 4.78 | 6.38 | 7.97 | 9.56  | 14.34 |
| 8                            | 3.19 | 3.98 | 4.78 | 6.38 | 7.97 | 9.56  | 14.34 |
| 9                            | 3.19 | 3.98 | 4.78 | 6.38 | 7.97 | 9.56  | 14.34 |
| 0                            | 3.31 | 4.14 | 4.97 | 6.62 | 8.28 | 9.94  | 14.91 |

| TABLE III<br>WIDTH OF STROKE |                 |
|------------------------------|-----------------|
| PRECEDING<br>LETTER          | STROKE<br>WIDTH |
| 4"                           | 0.69            |
| 5"                           | 0.86            |
| 6"                           | 1.03            |
| 8"                           | 1.38            |
| 10                           | 1.72            |
| "                            | 2.06            |
| 12                           | 3.09            |

| TABLE VI<br>WIDTH OF NUMERALS |      |      |      |      |      |      |      |
|-------------------------------|------|------|------|------|------|------|------|
| CODE<br>NUMBER                | 4    | 5    | 6    | 8    | 10   | 12   | 18   |
| 1                             | 1.03 | 1.29 | 1.55 | 2.05 | 2.58 | 3.09 | 4.64 |
| 2                             | 0.82 | 1.03 | 1.24 | 1.65 | 2.06 | 2.48 | 3.71 |
| 3                             | 0.55 | 0.69 | 0.82 | 1.10 | 1.37 | 1.65 | 2.47 |
| 4                             | 0.28 | 0.34 | 0.41 | 0.55 | 0.68 | 0.82 | 1.24 |

SPACE in inches measured horizontally from the extreme right edge of the preceding letter to the extreme left edge of the following letter (numeral).

# APPENDIX C-6A

## SERIES E

10/97

### LETTER & NUMERAL WIDTHS AND SPACE BETWEEN LETTERS AND NUMERAL (IN MILLIMETERS)

To determine the proper space between letters or numerals, obtain the code number from table I or II and enter table VI for that code number to the desired letter or numeral height.

| TABLE I<br>LETTER TO LETTER CODE NUMBER |                  |           |           |
|-----------------------------------------|------------------|-----------|-----------|
| PRECEDING<br>LETTER                     | FOLLOWING LETTER |           |           |
|                                         | BDEFHI<br>K      | CGO<br>QX | AJT<br>VW |
| A                                       | 2                | 2         | 4         |
| B                                       | 1                | 2         | 2         |
| C                                       | 2                | 2         | 3         |
| D                                       | 1                | 2         | 2         |
| E                                       | 2                | 2         | 3         |
| F                                       | 2                | 2         | 3         |
| G                                       | 1                | 2         | 2         |
| H                                       | 1                | 1         | 2         |
| I                                       | 1                | 1         | 2         |
| J                                       | 1                | 1         | 2         |
| K                                       | 2                | 2         | 3         |
| L                                       | 2                | 2         | 4         |
| M                                       | 1                | 1         | 2         |
| N                                       | 1                | 1         | 2         |
| O                                       | 1                | 2         | 2         |
| P                                       | 1                | 2         | 2         |
| Q                                       | 1                | 2         | 2         |
| R                                       | 1                | 2         | 2         |
| S                                       | 1                | 2         | 2         |
| T                                       | 2                | 2         | 4         |
| U                                       | 1                | 1         | 2         |
| V                                       | 2                | 2         | 4         |
| W                                       | 2                | 2         | 4         |
| X                                       | 2                | 2         | 3         |
| Y                                       | 2                | 2         | 4         |
| Z                                       | 2                | 2         | 3         |

| TABLE IV<br>WIDTH OF LETTER IN MILLIMETERS |    |     |     |     |     |     |     |     |     |     |
|--------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| LETTER HEIGHT                              | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 400 |
| A                                          | 76 | 102 | 127 | 152 | 178 | 203 | 228 | 254 | 305 | 406 |
| B                                          | 60 | 81  | 101 | 121 | 142 | 162 | 182 | 202 | 243 | 324 |
| C                                          | 60 | 81  | 101 | 121 | 142 | 162 | 182 | 202 | 243 | 324 |
| D                                          | 60 | 81  | 101 | 121 | 142 | 162 | 182 | 202 | 243 | 324 |
| E                                          | 56 | 75  | 93  | 112 | 130 | 149 | 168 | 186 | 224 | 298 |
| F                                          | 56 | 75  | 93  | 112 | 130 | 149 | 168 | 186 | 224 | 298 |
| G                                          | 60 | 81  | 101 | 121 | 142 | 162 | 182 | 202 | 243 | 324 |
| H                                          | 60 | 81  | 101 | 121 | 142 | 162 | 182 | 202 | 243 | 324 |
| I                                          | 13 | 18  | 22  | 26  | 30  | 35  | 40  | 44  | 52  | 70  |
| J                                          | 57 | 76  | 95  | 114 | 133 | 152 | 171 | 190 | 229 | 304 |
| K                                          | 62 | 83  | 103 | 124 | 144 | 165 | 186 | 206 | 248 | 330 |
| L                                          | 56 | 75  | 93  | 112 | 130 | 149 | 168 | 186 | 224 | 298 |
| M                                          | 70 | 94  | 117 | 140 | 164 | 187 | 210 | 243 | 281 | 374 |
| N                                          | 60 | 81  | 101 | 121 | 142 | 162 | 182 | 202 | 243 | 324 |
| O                                          | 63 | 84  | 105 | 126 | 147 | 168 | 189 | 210 | 252 | 336 |
| P                                          | 60 | 81  | 101 | 121 | 142 | 162 | 182 | 202 | 243 | 324 |
| Q                                          | 63 | 84  | 105 | 126 | 147 | 168 | 189 | 210 | 252 | 336 |
| R                                          | 60 | 81  | 101 | 121 | 142 | 162 | 182 | 202 | 243 | 324 |
| S                                          | 60 | 81  | 101 | 121 | 142 | 162 | 182 | 202 | 243 | 324 |
| T                                          | 56 | 75  | 93  | 112 | 130 | 149 | 168 | 186 | 224 | 298 |
| U                                          | 60 | 81  | 101 | 121 | 142 | 162 | 182 | 202 | 243 | 324 |
| V                                          | 69 | 92  | 115 | 138 | 161 | 184 | 207 | 230 | 276 | 368 |
| W                                          | 80 | 106 | 133 | 160 | 186 | 213 | 240 | 266 | 319 | 426 |
| X                                          | 66 | 87  | 109 | 131 | 153 | 175 | 196 | 218 | 262 | 350 |
| Y                                          | 76 | 102 | 127 | 152 | 178 | 203 | 228 | 254 | 305 | 406 |
| Z                                          | 60 | 81  | 101 | 121 | 142 | 162 | 182 | 202 | 243 | 324 |

| TABLE II<br>NUMERAL TO NUMERAL CODE NUMBER |                  |             |     |
|--------------------------------------------|------------------|-------------|-----|
| PRECEDING<br>LETTER                        | FOLLOWING LETTER |             |     |
|                                            | 1 5              | 2 3 6 8 9 0 | 4 7 |
| 1                                          | 1                | 1           | 2   |
| 2                                          | 1                | 2           | 2   |
| 3                                          | 1                | 2           | 2   |
| 4                                          | 2                | 2           | 4   |
| 5                                          | 1                | 2           | 2   |
| 6                                          | 1                | 2           | 2   |
| 7                                          | 2                | 2           | 4   |
| 8                                          | 1                | 2           | 2   |
| 9                                          | 1                | 2           | 2   |
| 0                                          | 1                | 2           | 2   |

| TABLE V<br>WIDTH OF NUMERAL IN MILLIMETERS |    |     |     |     |     |     |     |     |     |     |
|--------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Numeral<br>Height                          | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 400 |
| 1                                          | 22 | 30  | 38  | 45  | 52  | 60  | 68  | 75  | 90  | 120 |
| 2                                          | 60 | 81  | 101 | 121 | 142 | 162 | 182 | 202 | 243 | 324 |
| 3                                          | 60 | 81  | 101 | 121 | 142 | 162 | 182 | 202 | 243 | 324 |
| 4                                          | 70 | 94  | 117 | 140 | 164 | 187 | 210 | 234 | 281 | 374 |
| 5                                          | 60 | 81  | 101 | 121 | 142 | 162 | 182 | 202 | 243 | 324 |
| 6                                          | 60 | 81  | 101 | 121 | 142 | 162 | 182 | 202 | 243 | 324 |
| 7                                          | 60 | 81  | 101 | 121 | 142 | 162 | 182 | 202 | 243 | 324 |
| 8                                          | 60 | 81  | 101 | 121 | 142 | 162 | 182 | 202 | 243 | 324 |
| 9                                          | 60 | 81  | 101 | 121 | 142 | 162 | 182 | 202 | 243 | 324 |
| 0                                          | 63 | 84  | 105 | 126 | 147 | 168 | 189 | 210 | 252 | 336 |

| TABLE III<br>WIDTH OF STROKE   |                                   |
|--------------------------------|-----------------------------------|
| LETTER OR<br>NUMERAL<br>HEIGHT | STROKE WIDTH<br>IN<br>MILLIMETERS |
| 75                             | 13                                |
| 100                            | 18                                |
| 125                            | 22                                |
| 150                            | 26                                |
| 175                            | 30                                |
| 200                            | 35                                |
| 225                            | 40                                |
| 250                            | 44                                |
| 300                            | 52                                |
| 400                            | 70                                |

| TABLE VI<br>WIDTH OF NUMERALS IN MILLIMETERS |    |     |     |     |     |     |     |     |     |     |
|----------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CODE<br>NUMBER                               | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 400 |
| 1                                            | 20 | 26  | 33  | 39  | 46  | 52  | 59  | 66  | 78  | 104 |
| 2                                            | 16 | 21  | 26  | 32  | 37  | 42  | 47  | 52  | 63  | 84  |
| 3                                            | 10 | 14  | 18  | 21  | 24  | 28  | 32  | 35  | 42  | 56  |
| 4                                            | 5  | 7   | 9   | 10  | 12  | 14  | 16  | 17  | 21  | 28  |

Space in millimeters measured horizontally from the extreme right edge of the preceding letter (or numeral) to the extreme left edge of the following letter (or numeral).

# APPENDIX C-6B

**SERIES E(M)**

10/97

## LETTER & NUMERAL WIDTHS AND SPACE BETWEEN LETTERS AND NUMERAL (IN MILLIMETERS)

To determine the proper space between letters or numerals, obtain the code number from table I or II and enter table VI for that code number to the desired letter or numeral height.

| TABLE I<br>LETTER TO LETTER CODE NUMBER |                  |           |           |
|-----------------------------------------|------------------|-----------|-----------|
| PRECEDING<br>LETTER                     | FOLLOWING LETTER |           |           |
|                                         | BDEFHI<br>K      | CGO<br>QX | AJT<br>VW |
| A                                       | 2                | 2         | 4         |
| B                                       | 1                | 2         | 2         |
| C                                       | 2                | 2         | 3         |
| D                                       | 1                | 2         | 2         |
| E                                       | 2                | 2         | 3         |
| F                                       | 2                | 2         | 3         |
| G                                       | 1                | 2         | 2         |
| H                                       | 1                | 1         | 2         |
| I                                       | 1                | 1         | 2         |
| J                                       | 1                | 1         | 2         |
| K                                       | 2                | 2         | 3         |
| L                                       | 2                | 2         | 4         |
| M                                       | 1                | 1         | 2         |
| N                                       | 1                | 1         | 2         |
| O                                       | 1                | 2         | 2         |
| P                                       | 1                | 2         | 2         |
| Q                                       | 1                | 2         | 2         |
| R                                       | 1                | 2         | 2         |
| S                                       | 1                | 2         | 2         |
| T                                       | 2                | 2         | 4         |
| U                                       | 1                | 1         | 2         |
| V                                       | 2                | 2         | 4         |
| W                                       | 2                | 2         | 4         |
| X                                       | 2                | 2         | 3         |
| Y                                       | 2                | 2         | 4         |
| Z                                       | 2                | 2         | 3         |

| TABLE IV<br>WIDTH OF LETTER IN MILLIMETERS |     |     |     |     |     |
|--------------------------------------------|-----|-----|-----|-----|-----|
| LETTER HEIGHT                              | 200 | 265 | 330 | 400 | 500 |
| A                                          | 203 | 271 | 338 | 406 | 508 |
| B                                          | 162 | 216 | 270 | 324 | 405 |
| C                                          | 162 | 216 | 270 | 324 | 405 |
| D                                          | 162 | 216 | 270 | 324 | 405 |
| E                                          | 149 | 199 | 248 | 298 | 372 |
| F                                          | 149 | 199 | 248 | 298 | 372 |
| G                                          | 162 | 216 | 270 | 324 | 405 |
| H                                          | 162 | 216 | 270 | 324 | 405 |
| I                                          | 40  | 53  | 66  | 80  | 100 |
| J                                          | 152 | 203 | 253 | 304 | 380 |
| K                                          | 165 | 220 | 275 | 330 | 412 |
| L                                          | 149 | 199 | 248 | 298 | 372 |
| M                                          | 187 | 249 | 312 | 374 | 468 |
| N                                          | 162 | 216 | 270 | 324 | 405 |
| O                                          | 168 | 224 | 280 | 336 | 420 |
| P                                          | 162 | 216 | 270 | 324 | 405 |
| Q                                          | 168 | 224 | 280 | 336 | 420 |
| R                                          | 162 | 216 | 270 | 324 | 405 |
| S                                          | 162 | 216 | 270 | 324 | 405 |
| T                                          | 149 | 199 | 248 | 298 | 372 |
| U                                          | 162 | 216 | 270 | 324 | 405 |
| V                                          | 184 | 245 | 307 | 368 | 460 |
| W                                          | 213 | 284 | 355 | 426 | 532 |
| X                                          | 175 | 233 | 292 | 350 | 438 |
| Y                                          | 203 | 271 | 338 | 406 | 508 |
| Z                                          | 162 | 216 | 270 | 324 | 405 |

| TABLE II<br>NUMERAL TO NUMERAL CODE NUMBER |                  |             |     |
|--------------------------------------------|------------------|-------------|-----|
| PRECEDING<br>LETTER                        | FOLLOWING LETTER |             |     |
|                                            | 1 5              | 2 3 6 8 9 0 | 4 7 |
| 1                                          | 1                | 1           | 2   |
| 2                                          | 1                | 2           | 2   |
| 3                                          | 1                | 2           | 2   |
| 4                                          | 2                | 2           | 4   |
| 5                                          | 1                | 2           | 2   |
| 6                                          | 1                | 2           | 2   |
| 7                                          | 2                | 2           | 4   |
| 8                                          | 1                | 2           | 2   |
| 9                                          | 1                | 2           | 2   |
| 0                                          | 1                | 2           | 2   |

| TABLE V<br>WIDTH OF NUMERAL IN MILLIMETERS |     |     |     |     |     |
|--------------------------------------------|-----|-----|-----|-----|-----|
| Numeral Height                             | 200 | 265 | 330 | 400 | 500 |
| 1                                          | 60  | 80  | 100 | 120 | 150 |
| 2                                          | 162 | 216 | 270 | 324 | 405 |
| 3                                          | 162 | 216 | 270 | 324 | 405 |
| 4                                          | 187 | 249 | 312 | 374 | 468 |
| 5                                          | 162 | 216 | 270 | 324 | 405 |
| 6                                          | 162 | 216 | 270 | 324 | 405 |
| 7                                          | 162 | 216 | 270 | 324 | 405 |
| 8                                          | 162 | 216 | 270 | 324 | 405 |
| 9                                          | 162 | 216 | 270 | 324 | 405 |
| 0                                          | 168 | 224 | 280 | 336 | 420 |

| TABLE III<br>WIDTH OF STROKE   |                                   |
|--------------------------------|-----------------------------------|
| LETTER OR<br>NUMERAL<br>HEIGHT | STROKE WIDTH<br>IN<br>MILLIMETERS |
| 200                            | 40                                |
| 265                            | 53                                |
| 330                            | 66                                |
| 400                            | 80                                |
| 500                            | 100                               |

| TABLE VI<br>WIDTH OF NUMERALS IN MILLIMETERS |     |     |     |     |     |
|----------------------------------------------|-----|-----|-----|-----|-----|
| CODE<br>NUMBER                               | 200 | 265 | 330 | 400 | 500 |
| 1                                            | 52  | 69  | 87  | 104 | 130 |
| 2                                            | 42  | 56  | 70  | 84  | 105 |
| 3                                            | 28  | 37  | 47  | 56  | 70  |
| 4                                            | 14  | 19  | 23  | 28  | 35  |

Space in millimeters measured horizontally from the extreme right edge of the preceding letter (or numeral) to the extreme left edge of the following letter (or numeral).

# APPENDIX C-7

## SERIES F

10/97

### LETTER & NUMERAL WIDTHS AND SPACE BETWEEN LETTERS AND NUMERAL (IN INCHES)

To determine the proper space between letters or numerals, obtain the code number from table I or II and enter table VI for that code number to the desired letter or numeral height.

| TABLE I<br>LETTER TO LETTER CODE NUMBER |                  |           |           |
|-----------------------------------------|------------------|-----------|-----------|
| PRECEDING<br>LETTER                     | FOLLOWING LETTER |           |           |
|                                         | BDEFHI<br>K      | CGO<br>QX | AJT<br>VW |
| A                                       | 2                | 2         | 4         |
| B                                       | 1                | 2         | 2         |
| C                                       | 2                | 2         | 3         |
| D                                       | 1                | 2         | 2         |
| E                                       | 2                | 2         | 3         |
| F                                       | 2                | 2         | 3         |
| G                                       | 1                | 2         | 2         |
| H                                       | 1                | 1         | 2         |
| I                                       | 1                | 1         | 2         |
| J                                       | 1                | 1         | 2         |
| K                                       | 2                | 2         | 3         |
| L                                       | 2                | 2         | 4         |
| M                                       | 1                | 1         | 2         |
| N                                       | 1                | 1         | 2         |
| O                                       | 1                | 2         | 2         |
| P                                       | 1                | 2         | 2         |
| Q                                       | 1                | 2         | 2         |
| R                                       | 1                | 2         | 2         |
| S                                       | 1                | 2         | 2         |
| T                                       | 2                | 2         | 4         |
| U                                       | 1                | 1         | 2         |
| V                                       | 2                | 2         | 4         |
| W                                       | 2                | 2         | 4         |
| X                                       | 2                | 2         | 3         |
| Y                                       | 2                | 2         | 4         |
| Z                                       | 2                | 2         | 3         |

| TABLE IV<br>WIDTH OF LETTER |      |      |      |      |       |       |       |
|-----------------------------|------|------|------|------|-------|-------|-------|
| LETTER HEIGHT               | 4    | 5    | 6    | 8    | 10    | 12    | 18    |
| A                           | 4.50 | 5.62 | 6.75 | 9.00 | 11.25 | 13.50 | 20.25 |
| B                           | 3.69 | 4.61 | 5.53 | 7.38 | 9.22  | 11.06 | 16.59 |
| C                           | 3.69 | 4.61 | 5.53 | 7.38 | 9.22  | 11.06 | 16.59 |
| D                           | 3.69 | 4.61 | 5.53 | 7.38 | 9.22  | 11.06 | 16.59 |
| E                           | 3.19 | 3.98 | 4.78 | 6.38 | 7.97  | 9.56  | 14.34 |
| F                           | 3.19 | 3.98 | 4.78 | 6.38 | 7.97  | 9.56  | 14.34 |
| G                           | 3.69 | 4.61 | 5.53 | 7.38 | 9.22  | 11.06 | 16.59 |
| H                           | 3.69 | 4.61 | 5.53 | 7.38 | 9.22  | 11.06 | 16.59 |
| I                           | 0.75 | 0.94 | 1.12 | 1.50 | 1.88  | 2.25  | 3.38  |
| J                           | 3.25 | 4.06 | 4.88 | 6.50 | 8.12  | 9.75  | 14.62 |
| K                           | 3.69 | 4.61 | 5.53 | 7.38 | 9.22  | 11.06 | 16.59 |
| L                           | 3.38 | 4.22 | 5.06 | 6.75 | 8.44  | 10.12 | 15.19 |
| M                           | 4.25 | 5.31 | 6.38 | 8.50 | 10.62 | 12.75 | 19.12 |
| N                           | 3.69 | 4.61 | 5.53 | 7.38 | 9.22  | 11.06 | 16.59 |
| O                           | 4.12 | 5.16 | 6.19 | 8.25 | 10.32 | 12.38 | 18.56 |
| P                           | 3.69 | 4.61 | 5.53 | 7.38 | 9.22  | 11.06 | 16.59 |
| Q                           | 4.12 | 5.16 | 6.19 | 8.25 | 10.32 | 12.38 | 18.56 |
| R                           | 3.69 | 4.61 | 5.53 | 7.38 | 9.22  | 11.06 | 16.59 |
| S                           | 3.69 | 4.61 | 5.53 | 7.38 | 9.22  | 11.06 | 16.59 |
| T                           | 3.38 | 4.22 | 5.06 | 6.75 | 8.44  | 10.12 | 15.19 |
| U                           | 3.69 | 4.61 | 5.53 | 7.38 | 9.22  | 11.06 | 16.59 |
| V                           | 4.12 | 5.16 | 6.19 | 8.25 | 10.32 | 12.38 | 18.56 |
| W                           | 4.62 | 5.78 | 6.94 | 9.25 | 11.56 | 13.88 | 20.81 |
| X                           | 4.00 | 5.00 | 6.00 | 8.00 | 10.00 | 12.00 | 18.00 |
| Y                           | 4.50 | 5.62 | 6.75 | 9.00 | 11.25 | 13.50 | 20.25 |
| Z                           | 3.69 | 4.61 | 5.53 | 7.38 | 9.22  | 11.06 | 16.59 |

| TABLE II<br>NUMERAL TO NUMERAL CODE NUMBER |                  |             |     |
|--------------------------------------------|------------------|-------------|-----|
| PRECEDING<br>LETTER                        | FOLLOWING LETTER |             |     |
|                                            | 1 5              | 2 3 6 8 9 0 | 4 7 |
| 1                                          | 1                | 1           | 2   |
| 2                                          | 1                | 2           | 2   |
| 3                                          | 1                | 2           | 2   |
| 4                                          | 2                | 2           | 4   |
| 5                                          | 1                | 2           | 2   |
| 6                                          | 1                | 2           | 2   |
| 7                                          | 2                | 2           | 4   |
| 8                                          | 1                | 2           | 2   |
| 9                                          | 1                | 2           | 2   |
| 0                                          | 1                | 2           | 2   |

| TABLE V<br>WIDTH OF NUMERALS |      |      |      |      |       |       |       |
|------------------------------|------|------|------|------|-------|-------|-------|
| NUMERAL<br>HEIGHT            | 4    | 5    | 6    | 8    | 10    | 12    | 18    |
| 1                            | 1.31 | 1.64 | 1.97 | 2.62 | 3.28  | 3.94  | 5.91  |
| 2                            | 3.69 | 4.61 | 5.53 | 7.38 | 9.22  | 11.06 | 16.59 |
| 3                            | 3.69 | 4.61 | 5.53 | 7.38 | 9.22  | 11.06 | 16.59 |
| 4                            | 4.00 | 5.00 | 6.00 | 8.00 | 10.00 | 12.00 | 18.00 |
| 5                            | 3.69 | 4.61 | 5.53 | 7.38 | 9.22  | 11.06 | 16.59 |
| 6                            | 3.69 | 4.61 | 5.53 | 7.38 | 9.22  | 11.06 | 16.59 |
| 7                            | 3.69 | 4.61 | 5.53 | 7.38 | 9.22  | 11.06 | 16.59 |
| 8                            | 3.69 | 4.61 | 5.53 | 7.38 | 9.22  | 11.06 | 16.59 |
| 9                            | 3.69 | 4.61 | 5.53 | 7.38 | 9.22  | 11.06 | 16.59 |
| 0                            | 3.81 | 4.77 | 5.72 | 7.62 | 9.53  | 11.44 | 17.16 |

| TABLE III<br>WIDTH OF STROKE |                              |
|------------------------------|------------------------------|
| PRECEDING<br>LETTER          | STROKE<br>WIDTH<br>IN INCHES |
| 4"                           | 0.75                         |
| 5"                           | 0.94                         |
| 6"                           | 1.12                         |
| 8"                           | 1.50                         |
| 10                           | 1.88                         |
| "                            | 2.25                         |
| 12                           | 3.38                         |

| TABLE VI<br>WIDTH OF NUMERALS |      |      |      |      |      |      |      |
|-------------------------------|------|------|------|------|------|------|------|
| CODE<br>NUMBER                | 4    | 5    | 6    | 8    | 10   | 12   | 18   |
| 1                             | 1.13 | 1.41 | 1.69 | 2.25 | 2.71 | 3.37 | 5.06 |
| 2                             | 0.90 | 1.13 | 1.35 | 1.80 | 2.25 | 2.70 | 4.05 |
| 3                             | 0.60 | 0.75 | 0.90 | 1.20 | 1.50 | 1.80 | 2.70 |
| 4                             | 0.30 | 0.38 | 0.45 | 0.60 | 0.75 | 0.90 | 1.35 |

SPACE in inches measured horizontally from the extreme right edge of the preceding letter to the extreme left edge of the following letter (numeral).

# APPENDIX C-7A

**SERIES F**

10/97

## LETTER & NUMERAL WIDTHS AND SPACE BETWEEN LETTERS AND NUMERAL (IN MILLIMETERS)

To determine the proper space between letters or numerals, obtain the code number from table I or II and enter table VI for that code number to the desired letter or numeral height.

| TABLE I<br>LETTER TO LETTER CODE NUMBER |                  |           |           |
|-----------------------------------------|------------------|-----------|-----------|
| PRECEDING<br>LETTER                     | FOLLOWING LETTER |           |           |
|                                         | BDEFHI<br>K      | CGO<br>QX | AJT<br>VW |
| A                                       | 2                | 2         | 4         |
| B                                       | 1                | 2         | 2         |
| C                                       | 2                | 2         | 3         |
| D                                       | 1                | 2         | 2         |
| E                                       | 2                | 2         | 3         |
| F                                       | 2                | 2         | 3         |
| G                                       | 1                | 2         | 2         |
| H                                       | 1                | 1         | 2         |
| I                                       | 1                | 1         | 2         |
| J                                       | 1                | 1         | 2         |
| K                                       | 2                | 2         | 3         |
| L                                       | 2                | 2         | 4         |
| M                                       | 1                | 1         | 2         |
| N                                       | 1                | 1         | 2         |
| O                                       | 1                | 2         | 2         |
| P                                       | 1                | 2         | 2         |
| Q                                       | 1                | 2         | 2         |
| R                                       | 1                | 2         | 2         |
| S                                       | 1                | 2         | 2         |
| T                                       | 2                | 2         | 4         |
| U                                       | 1                | 1         | 2         |
| V                                       | 2                | 2         | 4         |
| W                                       | 2                | 2         | 4         |
| X                                       | 2                | 2         | 3         |
| Y                                       | 2                | 2         | 4         |
| Z                                       | 2                | 2         | 3         |

| TABLE IV<br>WIDTH OF LETTER IN MILLIMETERS |    |     |     |     |     |     |     |     |     |     |
|--------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| LETTER                                     | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 400 |
| A                                          | 86 | 114 | 143 | 171 | 200 | 229 | 258 | 286 | 343 | 458 |
| B                                          | 70 | 94  | 117 | 140 | 164 | 187 | 210 | 234 | 281 | 374 |
| C                                          | 70 | 94  | 117 | 140 | 164 | 187 | 210 | 234 | 281 | 374 |
| D                                          | 70 | 94  | 117 | 140 | 164 | 187 | 210 | 234 | 281 | 374 |
| E                                          | 60 | 81  | 101 | 121 | 142 | 162 | 182 | 202 | 243 | 324 |
| F                                          | 60 | 81  | 101 | 121 | 142 | 162 | 182 | 202 | 243 | 324 |
| G                                          | 70 | 94  | 117 | 140 | 164 | 187 | 210 | 234 | 281 | 374 |
| H                                          | 70 | 94  | 117 | 140 | 164 | 187 | 210 | 234 | 281 | 374 |
| I                                          | 14 | 19  | 24  | 28  | 33  | 38  | 43  | 48  | 57  | 76  |
| J                                          | 62 | 83  | 103 | 124 | 144 | 165 | 186 | 206 | 248 | 330 |
| K                                          | 70 | 94  | 117 | 140 | 164 | 187 | 210 | 234 | 281 | 374 |
| L                                          | 64 | 86  | 107 | 128 | 150 | 171 | 192 | 214 | 257 | 342 |
| M                                          | 81 | 108 | 135 | 162 | 189 | 216 | 243 | 270 | 324 | 432 |
| N                                          | 70 | 94  | 117 | 140 | 164 | 187 | 210 | 234 | 281 | 374 |
| O                                          | 78 | 105 | 131 | 157 | 184 | 210 | 236 | 262 | 314 | 420 |
| P                                          | 70 | 94  | 117 | 140 | 164 | 187 | 210 | 234 | 281 | 374 |
| Q                                          | 78 | 105 | 131 | 157 | 184 | 210 | 236 | 262 | 314 | 420 |
| R                                          | 70 | 94  | 117 | 140 | 164 | 187 | 210 | 234 | 281 | 374 |
| S                                          | 70 | 94  | 117 | 140 | 164 | 187 | 210 | 234 | 281 | 374 |
| T                                          | 64 | 86  | 107 | 128 | 150 | 171 | 192 | 214 | 257 | 342 |
| U                                          | 70 | 94  | 117 | 140 | 164 | 187 | 210 | 234 | 281 | 374 |
| V                                          | 78 | 105 | 131 | 157 | 184 | 210 | 236 | 262 | 314 | 420 |
| W                                          | 88 | 117 | 147 | 176 | 206 | 235 | 264 | 294 | 353 | 470 |
| X                                          | 76 | 102 | 127 | 152 | 178 | 203 | 228 | 254 | 305 | 406 |
| Y                                          | 86 | 114 | 143 | 171 | 200 | 229 | 258 | 286 | 343 | 458 |
| Z                                          | 70 | 94  | 117 | 140 | 164 | 187 | 210 | 234 | 281 | 374 |

| TABLE II<br>NUMERAL TO NUMERAL CODE NUMBER |                  |             |     |
|--------------------------------------------|------------------|-------------|-----|
| PRECEDING<br>LETTER                        | FOLLOWING LETTER |             |     |
|                                            | 1 5              | 2 3 6 8 9 0 | 4 7 |
| 1                                          | 1                | 1           | 2   |
| 2                                          | 1                | 2           | 2   |
| 3                                          | 1                | 2           | 2   |
| 4                                          | 2                | 2           | 4   |
| 5                                          | 1                | 2           | 2   |
| 6                                          | 1                | 2           | 2   |
| 7                                          | 2                | 2           | 4   |
| 8                                          | 1                | 2           | 2   |
| 9                                          | 1                | 2           | 2   |
| 0                                          | 1                | 2           | 2   |

| TABLE V<br>WIDTH OF NUMERAL IN MILLIMETERS |    |     |     |     |     |     |     |     |     |     |
|--------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Numeral<br>Height                          | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 400 |
| 1                                          | 25 | 33  | 42  | 50  | 58  | 67  | 75  | 83  | 100 | 134 |
| 2                                          | 70 | 94  | 117 | 140 | 164 | 187 | 211 | 234 | 281 | 376 |
| 3                                          | 70 | 94  | 117 | 140 | 164 | 187 | 211 | 234 | 281 | 376 |
| 4                                          | 76 | 102 | 127 | 152 | 178 | 203 | 228 | 254 | 305 | 406 |
| 5                                          | 70 | 94  | 117 | 140 | 164 | 187 | 211 | 234 | 281 | 376 |
| 6                                          | 70 | 94  | 117 | 140 | 164 | 187 | 211 | 234 | 281 | 376 |
| 7                                          | 70 | 94  | 117 | 140 | 164 | 187 | 211 | 234 | 281 | 376 |
| 8                                          | 70 | 94  | 117 | 140 | 164 | 187 | 211 | 234 | 281 | 376 |
| 9                                          | 70 | 94  | 117 | 140 | 164 | 187 | 211 | 234 | 281 | 376 |
| 0                                          | 72 | 97  | 121 | 145 | 170 | 194 | 218 | 242 | 291 | 388 |

| TABLE III<br>WIDTH OF STROKE   |                                   |
|--------------------------------|-----------------------------------|
| LETTER OR<br>NUMERAL<br>HEIGHT | STROKE WIDTH<br>IN<br>MILLIMETERS |
| 75                             | 14                                |
| 100                            | 19                                |
| 125                            | 24                                |
| 150                            | 28                                |
| 175                            | 33                                |
| 200                            | 38                                |
| 225                            | 43                                |
| 250                            | 48                                |
| 300                            | 57                                |
| 400                            | 76                                |

| TABLE VI<br>WIDTH OF NUMERALS IN MILLIMETERS |    |     |     |     |     |     |     |     |     |     |
|----------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CODE<br>NUMBER                               | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 300 | 400 |
| 1                                            | 22 | 29  | 36  | 43  | 50  | 57  | 63  | 69  | 86  | 114 |
| 2                                            | 17 | 23  | 29  | 34  | 40  | 46  | 52  | 57  | 69  | 92  |
| 3                                            | 12 | 15  | 19  | 23  | 26  | 30  | 34  | 38  | 46  | 60  |
| 4                                            | 6  | 8   | 10  | 11  | 13  | 15  | 17  | 19  | 23  | 30  |

Space in millimeters measured horizontally from the extreme right edge of the preceding letter (or numeral) to the extreme left edge of the following letter (or numeral).

# APPENDIX C-8

10/97

## SERIES E-MODIFIED AND LOWER CASE

The E-modified and lower-case spacing charts are used in determining destination message lengths. The charts may also be used in determining message lengths comprised of all series E-modified letters or numerals (For example in calculating the width of the mileage message on a distance sign the numerals are E-modified).

### EXAMPLE:

To determine the length of the word "Kelso" in 10.67" upper-case, (u.c.) E-modified and 8" lower-case (l.c.), first go to table H-1 to find the width of the upper-case letter "K" and then to table H-2 to find widths of the lower case letters "elso". For this example, under the column 10.67"

| Table     | Col. 1 |   | Col. 2         |
|-----------|--------|---|----------------|
| TABLE H-1 | K      | = | 7-3/4"         |
| TABLE H-2 | e      | = | 6-7/8"         |
| TABLE H-2 | l      | = | 2-1/8"         |
| TABLE H-2 | s      | = | 6-7/8"         |
| TABLE H-2 | o      | = | 6-7/8"         |
|           |        |   | <u>30-1/2"</u> |

Now go to Table H-3 (10.67) to determine letter to letter spacing since we are calculating for 10-2/3" u.c. and 8" l.c.

| Col. 1 |    | Col. 2 |   | Space          |
|--------|----|--------|---|----------------|
| K      | to | e      | = | 2-1/8"         |
| e      | to | l      | = | 3-3/8"         |
| l      | to | s      | = | 3"             |
| s      | to | o      | = | 2-3/8"         |
|        |    |        |   | <u>10-7/8"</u> |

Adding letter and spacing we get:

$30-1/2" + 10-7/8" = 41-3/8"$  which can be rounded off to 41" in determining the sign background width.

IN ALL CASES DO NOT FORGET END SPACES AND BORDER WIDTHS.



# APPENDIX C-9

10/97

## Neat Width of Upper Case Letters and Digits

| COL. 1 | COLUMN 2 |       |        |        |        |        |        |
|--------|----------|-------|--------|--------|--------|--------|--------|
| LETTER | 6"       | 8"    | 10.67" | 13.33" | 16"    | 20"    | 24"    |
| A      | 6 1/8    | 8 1/8 | 9 3/8  | 13 1/2 | 16 3/8 | 20 3/8 | 24 1/2 |
| B      | 4 7/8    | 6 1/2 | 7 1/2  | 10 3/4 | 13     | 16 1/4 | 19 1/2 |
| C      | 4 3/4    | 6 3/8 | 7 1/2  | 10 5/8 | 12 3/4 | 16     | 19 1/4 |
| D      | 4 7/8    | 6 1/2 | 7 1/2  | 10 3/4 | 13     | 16 1/4 | 19 1/2 |
| E      | 4 5/8    | 6 1/8 | 7 1/8  | 10 1/4 | 12 3/8 | 15 3/8 | 18 1/2 |
| F      | 4 3/8    | 5 7/8 | 7 1/8  | 9 7/8  | 11 7/8 | 14 3/4 | 17 3/4 |
| G      | 4 3/4    | 6 3/8 | 7 1/2  | 10 5/8 | 12 3/4 | 16     | 19 1/4 |
| H      | 5        | 6 5/8 | 7 3/4  | 11     | 13 1/8 | 16 5/8 | 19 3/4 |
| I      | 1 1/4    | 1 5/8 | 2      | 2 5/8  | 3 1/8  | 3 7/8  | 4 3/4  |
| J      | 4 5/8    | 6 1/8 | 7 1/8  | 10 1/4 | 12 3/8 | 15 3/8 | 18 1/2 |
| K      | 5        | 6 3/4 | 7 3/4  | 11 1/4 | 13 1/2 | 16 7/8 | 20     |
| L      | 3 7/8    | 5 1/8 | 7 1/8  | 8 1/2  | 10 1/8 | 12 7/8 | 15     |
| M      | 6 1/4    | 8 3/8 | 8 3/4  | 13 7/8 | 16 5/8 | 21     | 25     |
| N      | 5        | 6 3/4 | 7 1/2  | 11 1/4 | 13 1/2 | 16 7/8 | 20     |
| O      | 5        | 6 3/4 | 7 7/8  | 11 1/4 | 13 1/2 | 16 7/8 | 20     |
| P      | 4 3/8    | 5 7/8 | 7 1/2  | 9 3/4  | 11 5/8 | 14 3/4 | 17 1/2 |
| Q      | 5        | 6 3/4 | 7 7/8  | 11 1/4 | 13 1/2 | 16 7/8 | 20     |
| R      | 5        | 6 5/8 | 7 1/2  | 11     | 13 1/8 | 16 5/8 | 19 3/4 |
| S      | 5        | 6 5/8 | 7 1/2  | 11     | 13 1/8 | 16 5/8 | 19 3/4 |
| T      | 4 1/2    | 6     | 7 1/8  | 10     | 12     | 15     | 18     |
| U      | 5        | 6 5/8 | 7 1/2  | 11     | 13 1/4 | 16 5/8 | 20     |
| V      | 5 1/2    | 7 3/8 | 8 3/8  | 12 1/4 | 14 3/4 | 18 1/2 | 22     |
| W      | 6 1/2    | 8 5/8 | 9 3/4  | 14 3/8 | 17 1/4 | 21 5/8 | 26     |
| X      | 6 1/8    | 8 1/8 | 8 1/8  | 13 1/2 | 16 1/8 | 20 3/8 | 24 1/4 |
| Y      | 6 1/8    | 8 1/8 | 9 3/8  | 13 1/2 | 16 1/8 | 20 3/8 | 24 1/4 |
| Z      | 5        | 6 5/8 | 7 5/8  | 11     | 13 1/8 | 16 5/8 | 19 3/4 |
| 1      | 2 1/8    | 2 3/4 | 3 1/4  | 4 1/8  | 5 3/8  | 6 3/4  | 8      |
| 2      | 4 7/8    | 6 1/2 | 8 5/8  | 9 3/4  | 13     | 16 1/4 | 17 1/2 |
| 3      | 4 7/8    | 6 1/2 | 8 5/8  | 9 3/4  | 13     | 16 1/4 | 18 1/4 |
| 4      | 5 3/8    | 7 1/8 | 10     | 10 1/2 | 14 1/4 | 17 3/4 | 21     |
| 5      | 4 7/8    | 6 1/2 | 8 5/8  | 9 3/4  | 13     | 16 1/4 | 18 1/2 |
| 6      | 4 7/8    | 6 1/2 | 8 3/4  | 9 3/4  | 13     | 16 1/2 | 18 1/4 |
| 7      | 4 7/8    | 6 1/2 | 8 5/8  | 9 3/4  | 13     | 16 1/4 | 18 1/4 |
| 8      | 4 7/8    | 6 1/2 | 8 5/8  | 10     | 13     | 16 1/4 | 18 1/2 |
| 9      | 4 7/8    | 6 1/2 | 8 3/4  | 9 3/4  | 13     | 16 1/2 | 18 1/4 |
| 0      | 5        | 6 3/4 | 7 7/8  | 11 1/4 | 13 1/2 | 16 7/8 | 20     |

TABLE H - 1

# APPENDIX C-10

10/97

## Neat Width of Lower Case Letters

| COL. 1 | COLUMN 2 |       |        |        |        |        |        |
|--------|----------|-------|--------|--------|--------|--------|--------|
| LETTER | 4 1/2"   | 6"    | 8"     | 10"    | 12"    | 15"    | 18"    |
| a      | 3 7/8    | 5 1/8 | 6 7/8  | 8 5/8  | 10 3/8 | 12 7/8 | 15 1/2 |
| b      | 3 7/8    | 5 1/8 | 6 7/8  | 8 5/8  | 10 1/4 | 12 7/8 | 15 1/2 |
| c      | 3 7/8    | 5 1/8 | 6 7/8  | 8 5/8  | 10 1/4 | 12 7/8 | 15 1/2 |
| d      | 3 7/8    | 5 1/8 | 6 7/8  | 8 5/8  | 10 1/4 | 12 7/8 | 15 1/2 |
| e      | 3 7/8    | 5 1/8 | 6 7/8  | 8 5/8  | 10 1/4 | 12 7/8 | 15 1/2 |
| f      | 2 7/8    | 3 3/4 | 5      | 6 1/4  | 7 1/2  | 9 3/8  | 11 1/4 |
| g      | 3 7/8    | 5 1/8 | 6 7/8  | 8 5/8  | 10 1/4 | 12 7/8 | 15 1/2 |
| h      | 3 7/8    | 5 1/8 | 6 3/4  | 8 1/2  | 10 1/8 | 12 7/8 | 15 1/4 |
| i      | 1 1/4    | 1 5/8 | 2 1/8  | 2 5/8  | 3 1/4  | 4      | 4 3/4  |
| j      | 2 1/2    | 3 1/4 | 4 1/4  | 5 1/4  | 6 3/8  | 8 1/8  | 9 1/2  |
| k      | 3 7/8    | 5 1/8 | 6 7/8  | 8 5/8  | 10 3/8 | 12 7/8 | 15 1/2 |
| l      | 1 1/4    | 1 5/8 | 2 1/8  | 2 5/8  | 3 1/4  | 3 3/4  | 4 3/4  |
| m      | 6 1/2    | 8 5/8 | 11 1/2 | 14 1/4 | 17 1/4 | 21 5/8 | 25 7/8 |
| n      | 3 7/8    | 5 1/8 | 6 3/4  | 8 1/2  | 10 1/8 | 12 7/8 | 15 1/8 |
| o      | 3 7/8    | 5 1/8 | 6 7/8  | 8 5/8  | 10 3/8 | 12 7/8 | 15 1/2 |
| p      | 3 7/8    | 5 1/8 | 6 7/8  | 8 5/8  | 10 1/4 | 12 7/8 | 15 1/2 |
| q      | 3 7/8    | 5 1/8 | 6 7/8  | 8 5/8  | 10 1/4 | 12 7/8 | 15 1/8 |
| r      | 3 1/8    | 4 1/8 | 5 1/2  | 6 7/8  | 8 1/4  | 10 3/8 | 12 3/8 |
| s      | 3 7/8    | 5 1/8 | 6 7/8  | 8 5/8  | 10 3/8 | 12 7/8 | 15 1/2 |
| t      | 2 7/8    | 3 3/4 | 5      | 6 3/8  | 7 1/2  | 9 3/8  | 11 1/4 |
| u      | 3 7/8    | 5 1/8 | 6 3/4  | 8 1/2  | 10 1/8 | 12 7/8 | 15 1/8 |
| v      | 4 3/4    | 6 3/8 | 8 1/2  | 10 5/8 | 12 3/4 | 16     | 19 1/8 |
| w      | 6 1/4    | 8 1/4 | 11     | 13 3/4 | 16 1/2 | 20 5/8 | 24 3/4 |
| x      | 4 7/8    | 6 3/8 | 8 1/2  | 10 5/8 | 12 3/4 | 16     | 19     |
| y      | 4 3/4    | 6 3/8 | 8 1/2  | 10 5/8 | 12 3/4 | 16     | 19 1/8 |
| z      | 4 1/4    | 5 5/8 | 7 1/2  | 9 1/2  | 11 1/4 | 14     | 17     |

The digits used with the above alphabets are upper case digits of the same size as the initial upper case letter being used. (see preceeding page.)

TABLE H - 2

# APPENDIX C-11

5/98

## Spacing of 6" Upper Case Letters and Digits with 4 1/2" Lower Case Letters

|                          | COLUMN 2                     |                               |                        |                             |       |       |               |         |       |        |       |
|--------------------------|------------------------------|-------------------------------|------------------------|-----------------------------|-------|-------|---------------|---------|-------|--------|-------|
| COLUMN 1                 | AVW<br>Xac<br>deg<br>oq<br>5 | BDE<br>FHI<br>KLM<br>NPR<br>U | bhi<br>klm<br>npr<br>u | CG<br>OQS<br>z<br>24<br>890 | J     | j     | T<br>stv<br>7 | Y<br>wf | xy    | Z<br>1 | 36    |
| A V W X<br>c e 5 6       | 1 3/8                        | 2                             | 1 7/8                  | 1 1/2                       | 1 1/4 | 7/8   | 1 1/4         | 1 3/8   | 1 3/8 | 1 7/8  | 1 1/2 |
| a d g h i j<br>l m n q u | 1 3/4                        | 2 1/2                         | 2 1/4                  | 1 7/8                       | 1 5/8 | 1 1/4 | 1 5/8         | 1 3/4   | 1 3/4 | 2 3/8  | 1 7/8 |
| B 3                      | 1 1/2                        | 2 1/4                         | 2 1/8                  | 1 5/8                       | 1 3/8 | 1 1/8 | 1 1/2         | 1 1/2   | 1 1/2 | 2 1/8  | 1 5/8 |
| b f k o p s              | 1 1/4                        | 2                             | 1 3/4                  | 1 3/8                       | 1 1/8 | 3/4   | 1 1/8         | 1 1/4   | 1 1/4 | 1 7/8  | 1 3/8 |
| C E G                    | 1 1/2                        | 2 1/8                         | 2                      | 1 1/2                       | 1 3/8 | 1     | 1 3/8         | 1 1/2   | 1 1/2 | 2      | 1 5/8 |
| D O P Q R<br>8 9 0       | 1 1/2                        | 2 1/8                         | 2                      | 1 1/2                       | 1 1/4 | 1     | 1 3/8         | 1 3/8   | 1 3/8 | 2      | 1 1/2 |
| F T<br>x 7               | 1 1/4                        | 1 7/8                         | 1 3/4                  | 1 3/8                       | 1 1/8 | 3/4   | 1 1/8         | 1 1/4   | 1 1/4 | 1 3/4  | 1 3/8 |
| H I J M N U<br>1         | 2                            | 2 3/4                         | 2 1/2                  | 2 1/8                       | 1 7/8 | 1 1/2 | 1 7/8         | 2       | 2     | 2 5/8  | 2 1/8 |
| K L<br>w                 | 1 1/4                        | 1 7/8                         | 1 3/4                  | 1 1/4                       | 1     | 3/4   | 1 1/8         | 1 1/8   | 1 1/8 | 1 3/4  | 1 3/8 |
| r v y                    | 1 1/8                        | 1 7/8                         | 1 5/8                  | 1 1/4                       | 1     | 5/8   | 1             | 1 1/8   | 1 1/8 | 1 3/4  | 1 1/4 |
| S Y t z 2                | 1 3/8                        | 2                             | 1 7/8                  | 1 3/8                       | 1 1/8 | 7/8   | 1 1/4         | 1 1/4   | 1 1/4 | 1 7/8  | 1 1/2 |
| Z                        | 1 7/8                        | 2 5/8                         | 2 3/8                  | 2                           | 1 3/4 | 1 1/2 | 1 3/4         | 1 7/8   | 1 7/8 | 2 1/2  | 2     |
| 4                        | 1 7/8                        | 2 5/8                         | 2 3/8                  | 1 7/8                       | 1 5/8 | 1 3/8 | 1 3/4         | 1 3/4   | 1 7/8 | 2 3/8  | 2     |

### INSTRUCTION FOR USING THE ABOVE TABULATION

Locate the initial letter of the word being spaced in the left hand or "key" column. Locate the following letter in one of the column under the heading "Column 2" to ascertain the spacing between those two letters; then assume the second letter to be the "Key" letter and locate the third letter "Column 2." Proceed in this fashion until spacing for all the letters has been determined.

TABLE H-3 (6)

# APPENDIX C-12

5/98

## Spacing of 8" Upper Case Letters and Digits with 6" Lower Case Letters

| COLUMN 1                 | COLUMN 2                     |                               |                        |                             |       |       |               |         |       |        |       |
|--------------------------|------------------------------|-------------------------------|------------------------|-----------------------------|-------|-------|---------------|---------|-------|--------|-------|
|                          | AVW<br>Xac<br>deg<br>oq<br>5 | BDE<br>FHI<br>KLM<br>NPR<br>U | bhi<br>klm<br>npr<br>u | CG<br>OQS<br>z<br>24<br>890 | J     | j     | T<br>stv<br>7 | Y<br>wf | xy    | Z<br>1 | 36    |
| A V W X<br>c e 5 6       | 1 7/8                        | 2 3/4                         | 2 1/2                  | 2                           | 1 5/8 | 1 1/4 | 1 3/4         | 1 3/4   | 1 7/8 | 2 5/8  | 1 1/2 |
| a d g h i j<br>l m n q u | 2 3/8                        | 3 1/4                         | 3                      | 2 1/2                       | 2 1/4 | 1 3/4 | 2 1/4         | 2 1/4   | 2 3/8 | 3 1/8  | 2 1/2 |
| B 3                      | 2 1/8                        | 3                             | 2 3/4                  | 2 1/4                       | 1 7/8 | 1 1/2 | 2             | 2       | 2     | 2 7/8  | 2 1/4 |
| b f k o p s              | 1 3/4                        | 2 5/8                         | 2 3/8                  | 1 7/8                       | 1 1/2 | 1 1/8 | 1 5/8         | 1 5/8   | 1 3/4 | 2 1/2  | 1 7/8 |
| C E G                    | 2                            | 3                             | 2 3/4                  | 2 1/8                       | 1 7/8 | 1 3/8 | 1 7/8         | 2       | 2     | 2 3/4  | 2 1/4 |
| D O P Q R<br>8 9 0       | 2                            | 2 7/8                         | 2 5/8                  | 2                           | 1 3/4 | 1 1/4 | 1 3/4         | 1 7/8   | 1 7/8 | 2 5/8  | 2     |
| F T<br>x 7               | 1 3/4                        | 2 5/8                         | 2 3/8                  | 1 3/4                       | 1 1/2 | 1     | 1 1/2         | 1 5/8   | 1 5/8 | 2 3/8  | 1 7/8 |
| H I J M N U<br>1         | 2 3/4                        | 3 5/8                         | 3 3/8                  | 2 7/8                       | 2 1/2 | 2 1/8 | 2 5/8         | 2 5/8   | 2 3/4 | 3 1/2  | 2 7/8 |
| K L<br>w                 | 1 5/8                        | 2 1/2                         | 2 1/4                  | 1 3/4                       | 1 3/8 | 1     | 1 1/2         | 1 1/2   | 1 5/8 | 2 3/8  | 1 7/8 |
| r v y                    | 1 5/8                        | 2 1/2                         | 2 1/4                  | 1 3/4                       | 1 3/8 | 7/8   | 1 3/8         | 1 1/2   | 1 1/2 | 2 1/4  | 1 3/4 |
| S Y t z 2                | 1 7/8                        | 2 3/4                         | 2 1/2                  | 1 7/8                       | 1 5/8 | 1 1/8 | 1 5/8         | 1 3/4   | 1 3/4 | 2 1/2  | 2     |
| Z                        | 2 5/8                        | 3 1/2                         | 3 1/4                  | 2 5/8                       | 2 3/8 | 2     | 2 3/8         | 2 1/2   | 2 1/2 | 3 1/4  | 2 3/4 |
| 4                        | 2 1/2                        | 3 3/8                         | 3 1/8                  | 2 5/8                       | 2 1/4 | 1 7/8 | 2 3/8         | 2 3/8   | 2 1/2 | 3 1/4  | 2 5/8 |

### INSTRUCTION FOR USING THE ABOVE TABULATION

Locate the initial letter of the word being spaced in the left hand or "key" column. Locate the following letter in one of the column under the heading "Column 2" to ascertain the spacing between those two letters; then assume the second letter to be the "Key" letter and locate the third letter "Column 2." Proceed in this fashion until spacing for all the letters has been determined.

TABLE H-3 (8)

# APPENDIX C-13

5/98

## Spacing of 10.67" Upper Case Letters and Digits with 8" Lower Case Letters

|                          | COLUMN 2                     |                               |                        |                             |       |       |               |         |       |        |       |
|--------------------------|------------------------------|-------------------------------|------------------------|-----------------------------|-------|-------|---------------|---------|-------|--------|-------|
| COLUMN 1                 | AVW<br>Xac<br>deg<br>oq<br>5 | BDE<br>FHI<br>KLM<br>NPR<br>U | bhi<br>klm<br>npr<br>u | CG<br>OQS<br>z<br>24<br>890 | J     | j     | T<br>stv<br>7 | Y<br>wf | xy    | Z<br>1 | 36    |
| A V W X<br>c e 5 6       | 2 1/2                        | 3 5/8                         | 3 3/8                  | 2 1/2                       | 2 1/8 | 1 5/8 | 2 1/4         | 2 3/8   | 2 3/8 | 3 1/2  | 2 5/8 |
| a d g h i j<br>l m n q u | 3 1/4                        | 4 3/8                         | 4 1/8                  | 3 1/4                       | 2 7/8 | 2 3/8 | 3             | 3       | 3 1/8 | 4 1/8  | 3 3/8 |
| B 3                      | 2 3/4                        | 4                             | 3 5/8                  | 2 7/8                       | 2 1/2 | 1 7/8 | 2 1/2         | 2 5/8   | 2 3/4 | 3 3/4  | 3     |
| b f k o p s              | 2 3/8                        | 3 1/2                         | 3 1/4                  | 2 3/8                       | 2     | 1 1/2 | 2             | 2 1/8   | 2 1/4 | 3 1/4  | 2 1/2 |
| C E G                    | 2 3/4                        | 4                             | 3 5/8                  | 2 3/4                       | 2 3/8 | 1 7/8 | 2 1/2         | 2 1/2   | 2 5/8 | 3 5/8  | 2 7/8 |
| D O P Q R<br>8 9 0       | 2 1/2                        | 3 3/4                         | 3 1/2                  | 2 5/8                       | 2 1/4 | 1 3/4 | 2 3/8         | 2 3/8   | 2 1/2 | 3 1/2  | 2 3/4 |
| F T<br>x 7               | 2 1/4                        | 3 1/2                         | 3 1/8                  | 2 3/8                       | 1 7/8 | 1 3/8 | 2             | 2       | 2 1/8 | 3 1/4  | 2 3/8 |
| H I J M N U<br>1         | 3 5/8                        | 4 7/8                         | 4 1/2                  | 3 3/4                       | 3 3/8 | 2 3/4 | 3 1/2         | 3 1/2   | 3 5/8 | 4 5/8  | 3 7/8 |
| K L<br>w                 | 2 1/8                        | 3 3/8                         | 3                      | 2 1/4                       | 1 7/8 | 1 1/4 | 1 7/8         | 2       | 2     | 3 1/8  | 2 3/8 |
| r v y                    | 2                            | 3 1/4                         | 3                      | 2 1/8                       | 1 3/4 | 1 1/4 | 1 7/8         | 1 7/8   | 2     | 3      | 2 1/4 |
| S Y t z                  | 2 3/8                        | 3 5/8                         | 3 1/4                  | 2 1/2                       | 2     | 1 1/2 | 2 1/8         | 2 1/4   | 2 3/8 | 3 3/8  | 2 1/2 |
| Z                        | 3 1/2                        | 4 5/8                         | 4 3/8                  | 3 1/2                       | 3 1/8 | 2 1/2 | 3 1/4         | 3 1/4   | 3 3/8 | 4 3/8  | 3 5/8 |
| 4                        | 3 3/8                        | 4 1/2                         | 4 1/4                  | 4 1/4                       | 3 1/2 | 3     | 2 1/2         | 3 1/8   | 3 1/4 | 4 3/8  | 3 1/2 |

### INSTRUCTION FOR USING THE ABOVE TABULATION

Locate the initial letter of the word being spaced in the left hand or "key" column. Locate the following letter in one of the column under the heading "Column 2" to ascertain the spacing between those two letters; then assume the second letter to be the "Key" letter and locate the third letter "Column 2." Proceed in this fashion until spacing for all the letters has been determined.

TABLE H-3 (10.67)

# APPENDIX C-14

5/98

## Spacing of 13.33" Upper Case Letters and Digits with 10" Lower Case Letters

|                          | COLUMN 2                     |                               |                        |                             |       |       |               |         |       |        |       |
|--------------------------|------------------------------|-------------------------------|------------------------|-----------------------------|-------|-------|---------------|---------|-------|--------|-------|
| COLUMN 1                 | AVW<br>Xac<br>deg<br>oq<br>5 | BDE<br>FHI<br>KLM<br>NPR<br>U | bhi<br>klm<br>npr<br>u | CG<br>OQS<br>z<br>24<br>890 | J     | j     | T<br>stv<br>7 | Y<br>wf | xy    | Z<br>1 | 36    |
| A V W X<br>c e 5 6       | 3 1/8                        | 4 5/8                         | 4 1/4                  | 3 1/4                       | 2 3/4 | 2     | 2 7/8         | 3       | 3     | 4 3/8  | 3 3/8 |
| a d g h i j<br>l m n q u | 4                            | 5 1/2                         | 5 1/8                  | 4 1/8                       | 3 5/8 | 3     | 3 3/4         | 3 7/8   | 4     | 5 1/4  | 4 1/4 |
| B 3                      | 3 1/2                        | 5                             | 4 5/8                  | 3 5/8                       | 3 1/8 | 2 3/8 | 3 1/4         | 3 3/8   | 3 3/8 | 4 3/4  | 3 3/4 |
| b f k o p s              | 3                            | 4 1/2                         | 4                      | 3                           | 2 1/2 | 1 7/8 | 2 5/8         | 2 3/4   | 2 7/8 | 4 1/8  | 3 1/8 |
| C E G                    | 3 3/8                        | 5                             | 4 1/2                  | 3 1/2                       | 3     | 2 3/8 | 3 1/8         | 3 1/4   | 3 3/8 | 4 5/8  | 3 5/8 |
| D O P Q R<br>8 9 0       | 3 1/4                        | 4 3/4                         | 4 3/8                  | 3 3/8                       | 2 7/8 | 2 1/8 | 3             | 3       | 3 1/8 | 4 1/2  | 3 3/8 |
| F T<br>x 7               | 2 7/8                        | 4 3/8                         | 4                      | 3                           | 2 3/8 | 1 3/4 | 2 1/2         | 2 5/8   | 2 3/4 | 4      | 3     |
| H I J M N U<br>1         | 4 5/8                        | 6 1/8                         | 5 3/4                  | 4 3/4                       | 4 1/4 | 3 1/2 | 4 3/8         | 4 1/2   | 4 1/2 | 5 7/8  | 4 7/8 |
| K L<br>w                 | 2 3/4                        | 4 1/4                         | 3 7/8                  | 2 7/8                       | 2 3/8 | 1 5/8 | 2 3/8         | 2 1/2   | 2 5/8 | 4      | 3     |
| r v y                    | 2 5/8                        | 4 1/8                         | 3 3/4                  | 2 3/4                       | 2 1/4 | 1 1/2 | 2 3/8         | 2 3/8   | 2 1/2 | 3 7/8  | 2 7/8 |
| S Y t z 2                | 3                            | 4 1/2                         | 4 1/8                  | 3 1/8                       | 2 5/8 | 2     | 2 3/4         | 2 7/8   | 3     | 4 1/4  | 3 1/4 |
| Z                        | 3 1/2                        | 5 3/4                         | 5 3/8                  | 4 1/2                       | 4     | 3 1/4 | 4             | 4 1/8   | 4 1/4 | 5 1/2  | 4 1/2 |
| 4                        | 4 1/4                        | 5 3/4                         | 5 3/8                  | 4 3/8                       | 3 7/8 | 3 1/8 | 4             | 4       | 4 1/8 | 5 3/8  | 4 1/2 |

### INSTRUCTION FOR USING THE ABOVE TABULATION

Locate the initial letter of the word being spaced in the left hand or "key" column. Locate the following letter in one of the column under the heading "Column 2" to ascertain the spacing between those two letters; then assume the second letter to be the "Key" letter and locate the third letter "Column 2." Proceed in this fashion until spacing for all the letters has been determined.

TABLE H-3 (13.33)

# APPENDIX C-15

5/98

## Spacing of 16" Upper Case Letters and Digits with 12" Lower Case Letters

|                          | COLUMN 2                     |                               |                        |                             |       |       |               |         |       |        |       |
|--------------------------|------------------------------|-------------------------------|------------------------|-----------------------------|-------|-------|---------------|---------|-------|--------|-------|
| COLUMN 1                 | AVW<br>Xac<br>deg<br>oq<br>5 | BDE<br>FHI<br>KLM<br>NPR<br>U | bhi<br>klm<br>npr<br>u | CG<br>OQS<br>z<br>24<br>890 | J     | j     | T<br>stv<br>7 | Y<br>wf | xy    | Z<br>1 | 36    |
| A V W X<br>c e 5 6       | 3 3/4                        | 5 1/2                         | 5                      | 3 7/8                       | 3 1/4 | 2 3/8 | 3 3/8         | 3 1/2   | 3 5/8 | 5 1/8  | 4     |
| a d g h i j<br>l m n q u | 4 7/8                        | 6 5/8                         | 6 1/8                  | 5                           | 4 3/8 | 3 1/2 | 4 1/2         | 4 5/8   | 4 3/4 | 6 1/4  | 5     |
| B 3                      | 4 1/4                        | 6                             | 5 1/2                  | 4 3/8                       | 3 3/4 | 2 7/8 | 3 7/8         | 4       | 4 1/8 | 5 5/8  | 4 1/2 |
| b f k o p s              | 3 1/2                        | 5 1/4                         | 4 7/8                  | 3 5/8                       | 3     | 2 1/8 | 3 1/8         | 3 1/4   | 3 3/8 | 5      | 3 3/4 |
| C E G                    | 4 1/8                        | 5 7/8                         | 5 3/8                  | 4 1/4                       | 3 5/8 | 2 3/4 | 3 3/4         | 3 7/8   | 4     | 5 1/2  | 4 3/8 |
| D O P Q R<br>8 9 0       | 3 7/8                        | 5 5/8                         | 5 1/8                  | 4                           | 3 3/8 | 2 1/2 | 3 1/2         | 3 5/8   | 3 3/4 | 5 1/4  | 4 1/8 |
| F T<br>x 7               | 3 3/8                        | 5 1/8                         | 4 3/4                  | 3 1/2                       | 2 7/8 | 2     | 3             | 3 1/8   | 3 1/4 | 4 7/8  | 3 5/8 |
| H I J M N U<br>1         | 5 1/2                        | 7 3/8                         | 6 7/8                  | 5 5/8                       | 5     | 4 1/4 | 5 1/8         | 5 1/4   | 5 3/8 | 7      | 5 3/4 |
| K L<br>w                 | 3 1/4                        | 5                             | 4 5/8                  | 3 3/8                       | 2 3/4 | 1 7/8 | 2 7/8         | 3       | 3 1/8 | 4 3/4  | 3 1/2 |
| r v y                    | 3 1/8                        | 5                             | 4 1/2                  | 3 1/4                       | 2 5/8 | 1 3/4 | 2 3/4         | 2 7/8   | 3     | 4 5/8  | 3 3/8 |
| S Y t z 2                | 3 5/8                        | 5 3/8                         | 5                      | 3 3/4                       | 3 1/8 | 2 1/4 | 3 1/4         | 3 3/8   | 3 1/2 | 5      | 3 7/8 |
| Z                        | 5 1/8                        | 7                             | 6 1/2                  | 5 1/4                       | 4 3/4 | 3 7/8 | 4 7/8         | 5       | 5     | 6 5/8  | 5 3/8 |
| 4                        | 5                            | 6 7/8                         | 6 3/8                  | 5 1/8                       | 4 5/8 | 3 3/4 | 4 3/4         | 4 7/8   | 5     | 6 1/2  | 5 1/4 |

### INSTRUCTION FOR USING THE ABOVE TABULATION

Locate the initial letter of the word being spaced in the left hand or "key" column. Locate the following letter in one of the column under the heading "Column 2" to ascertain the spacing between those two letters; then assume the second letter to be the "Key" letter and locate the third letter "Column 2." Proceed in this fashion until spacing for all the letters has been determined.

TABLE H-3 (16)

# APPENDIX C-16

5/98

## Spacing of 20" Upper Case Letters and Digits with 15" Lower Case Letters

|                          | COLUMN 2                     |                               |                        |                             |       |       |               |         |       |        |       |
|--------------------------|------------------------------|-------------------------------|------------------------|-----------------------------|-------|-------|---------------|---------|-------|--------|-------|
| COLUMN 1                 | AVW<br>Xac<br>deg<br>oq<br>5 | BDE<br>FHI<br>KLM<br>NPR<br>U | bhi<br>klm<br>npr<br>u | CG<br>OQS<br>z<br>24<br>890 | J     | j     | T<br>stv<br>7 | Y<br>wf | xy    | Z<br>1 | 36    |
| A V W X<br>c e 5 6       | 4 5/8                        | 6 7/8                         | 6 1/4                  | 4 3/4                       | 4     | 3     | 4 1/4         | 4 3/8   | 4 1/2 | 6 1/2  | 5     |
| a d g h i j<br>l m n q u | 6                            | 8 1/4                         | 7 5/8                  | 6 1/8                       | 5 3/8 | 4 3/8 | 5 1/2         | 5 3/4   | 5 7/8 | 7 3/4  | 6 1/4 |
| B 3                      | 5 1/4                        | 7 1/2                         | 6 7/8                  | 5 3/8                       | 4 5/8 | 3 5/8 | 4 3/4         | 5       | 5 1/8 | 7      | 5 1/2 |
| b f k o p s              | 4 3/8                        | 6 5/8                         | 6                      | 4 1/2                       | 3 3/4 | 2 3/4 | 3 7/8         | 4       | 4 1/4 | 6 1/8  | 4 5/8 |
| C E G                    | 5 1/8                        | 7 3/8                         | 6 3/4                  | 5 1/4                       | 4 1/2 | 3 1/2 | 4 5/8         | 4 3/4   | 5     | 6 7/8  | 5 3/8 |
| D O P Q R<br>8 9 0       | 4 3/4                        | 7                             | 6 1/2                  | 5                           | 4 1/4 | 3 1/8 | 4 3/8         | 4 1/2   | 4 5/8 | 6 5/8  | 5 1/8 |
| F T<br>x 7               | 4 1/4                        | 6 1/2                         | 5 7/8                  | 4 3/8                       | 3 5/8 | 2 1/2 | 3 3/4         | 3 7/8   | 4     | 6      | 4 1/2 |
| H I J M N U<br>1         | 6 7/8                        | 9 1/8                         | 8 1/2                  | 7                           | 6 1/4 | 5 1/4 | 6 1/2         | 6 5/8   | 6 3/4 | 8 3/4  | 7 1/4 |
| K L<br>w                 | 4                            | 6 1/4                         | 5 3/4                  | 4 1/4                       | 3 1/2 | 2 3/8 | 3 5/8         | 3 3/4   | 3 7/8 | 5 7/8  | 4 3/8 |
| r v y                    | 3 7/8                        | 6 1/8                         | 5 1/2                  | 4                           | 3 1/4 | 2 1/4 | 3 1/2         | 3 5/8   | 3 3/4 | 5 3/4  | 4 1/4 |
| S Y t z 2                | 4 1/2                        | 6 3/4                         | 6 1/8                  | 4 5/8                       | 3 7/8 | 2 7/8 | 4             | 4 1/4   | 4 3/8 | 6 1/4  | 4 3/4 |
| Z                        | 6 1/2                        | 8 3/4                         | 8 1/8                  | 6 5/8                       | 5 7/8 | 4 3/4 | 6             | 6 1/8   | 6 1/4 | 8 1/4  | 6 3/4 |
| 4                        | 6 1/4                        | 8 1/2                         | 8                      | 6 1/2                       | 5 3/4 | 4 5/8 | 5 7/8         | 6       | 6 1/8 | 8 1/8  | 6 5/8 |

### INSTRUCTION FOR USING THE ABOVE TABULATION

Locate the initial letter of the word being spaced in the left hand or "key" column. Locate the following letter in one of the column under the heading "Column 2" to ascertain the spacing between those two letters; then assume the second letter to be the "Key" letter and locate the third letter "Column 2." Proceed in this fashion until spacing for all the letters has been determined.

TABLE H-3 (20)



# APPENDIX C-17

5/98

## Spacing of 24" Upper Case Letters and Digits with 18" Lower Case Letters

|                          | COLUMN 2                     |                               |                        |                             |       |       |               |         |       |        |       |
|--------------------------|------------------------------|-------------------------------|------------------------|-----------------------------|-------|-------|---------------|---------|-------|--------|-------|
| COLUMN 1                 | AVW<br>Xac<br>deg<br>oq<br>5 | BDE<br>FHI<br>KLM<br>NPR<br>U | bhi<br>klm<br>npr<br>u | CG<br>OQS<br>z<br>24<br>890 | J     | j     | T<br>stv<br>7 | Y<br>wf | xy    | Z<br>1 | 36    |
| A V W X<br>c e 5 6       | 5 5/8                        | 8 1/4                         | 7 1/2                  | 5 3/4                       | 4 7/8 | 3 5/8 | 5             | 5 1/4   | 5 3/8 | 7 3/4  | 6     |
| a d g h i j<br>l m n q u | 7 1/4                        | 9 7/8                         | 9 1/4                  | 7 3/8                       | 6 1/2 | 5 1/4 | 6 3/4         | 6 7/8   | 7     | 9 3/8  | 7 1/2 |
| B 3                      | 6 1/4                        | 9                             | 8 1/4                  | 6 1/2                       | 5 5/8 | 4 3/8 | 5 3/4         | 6       | 6 1/8 | 8 1/2  | 6 3/4 |
| b f k o p s              | 5 1/4                        | 7 7/8                         | 7 1/4                  | 5 3/8                       | 4 1/2 | 3 1/4 | 4 5/8         | 4 7/8   | 5     | 7 3/8  | 5 5/8 |
| C E G                    | 6 1/8                        | 8 7/8                         | 8                      | 6 1/4                       | 5 3/8 | 4 1/8 | 5 5/8         | 5 3/4   | 6     | 8 1/4  | 6 1/2 |
| D O P Q R<br>8 9 0       | 5 3/4                        | 8 1/2                         | 7 3/4                  | 6                           | 5     | 3 3/4 | 5 1/4         | 5 3/8   | 5 5/8 | 7 7/8  | 6 1/8 |
| F T<br>x 7               | 5                            | 7 3/4                         | 7                      | 5 1/4                       | 4 3/8 | 3     | 4 1/2         | 4 5/8   | 4 7/8 | 7 1/4  | 5 3/8 |
| H I J M N U<br>1         | 8 1/4                        | 1                             | 10 1/4                 | 8 1/2                       | 7 1/2 | 6 1/4 | 7 3/4         | 7 7/8   | 8 1/8 | 10 1/2 | 8 5/8 |
| K L<br>w                 | 4 7/8                        | 7 1/2                         | 6 7/8                  | 5                           | 4 1/8 | 2 7/8 | 4 3/8         | 4 1/2   | 4 5/8 | 7      | 5 1/4 |
| r v y                    | 4 5/8                        | 7 3/8                         | 6 3/4                  | 4 7/8                       | 4     | 2 3/4 | 4 1/8         | 4 3/8   | 4 1/2 | 6 7/8  | 5     |
| S Y t z 2                | 5 3/8                        | 8                             | 7 3/8                  | 5 5/8                       | 4 5/8 | 3 3/8 | 4 7/8         | 5       | 5 1/4 | 7 1/2  | 5 3/4 |
| Z                        | 7 3/4                        | 10 1/2                        | 9 3/4                  | 7 7/8                       | 7     | 5 3/4 | 7 1/4         | 7 3/8   | 7 1/2 | 9 7/8  | 8     |
| 4                        | 7 1/2                        | 10 1/4                        | 9 1/2                  | 7 3/4                       | 6 7/8 | 5 5/8 | 7             | 7 1/4   | 7 3/8 | 9 3/4  | 7 7/8 |

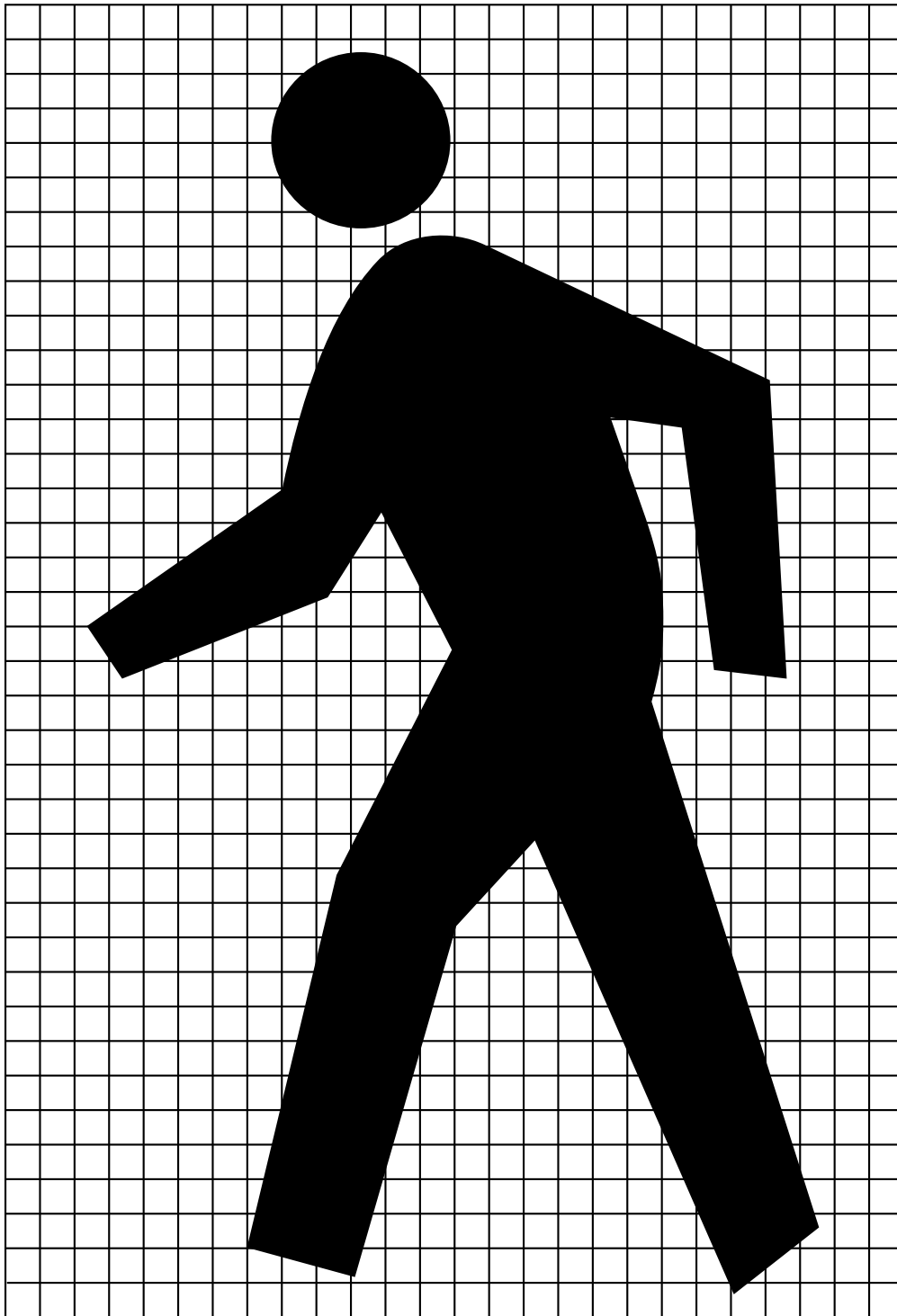
### INSTRUCTION FOR USING THE ABOVE TABULATION

Locate the initial letter of the word being spaced in the left hand or "key" column. Locate the following letter in one of the column under the heading "Column 2" to ascertain the spacing between those two letters; then assume the second letter to be the "Key" letter and locate the third letter "Column 2." Proceed in this fashion until spacing for all the letters has been determined.

TABLE H-3 (24)

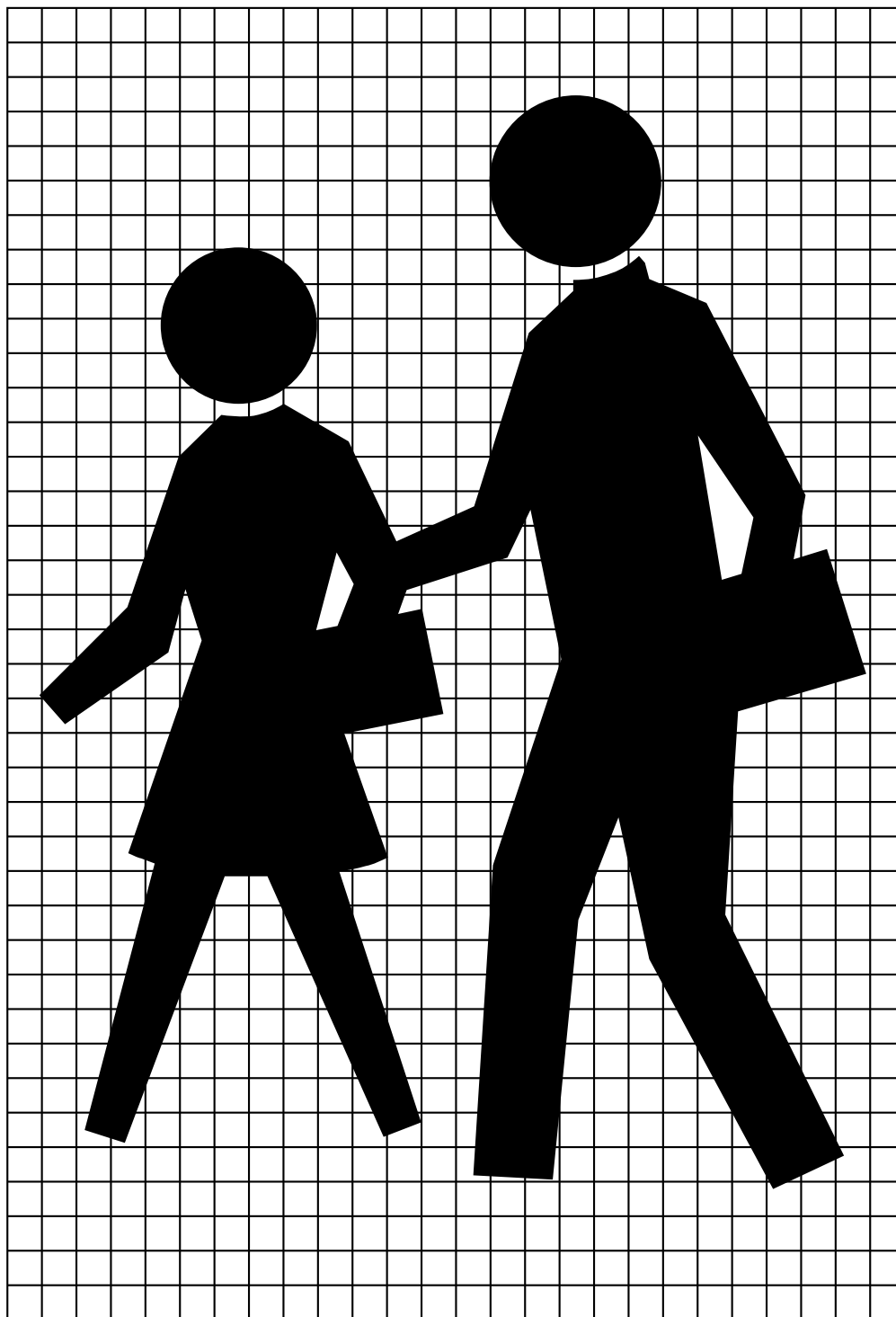
# APPENDIX D-1

10/97



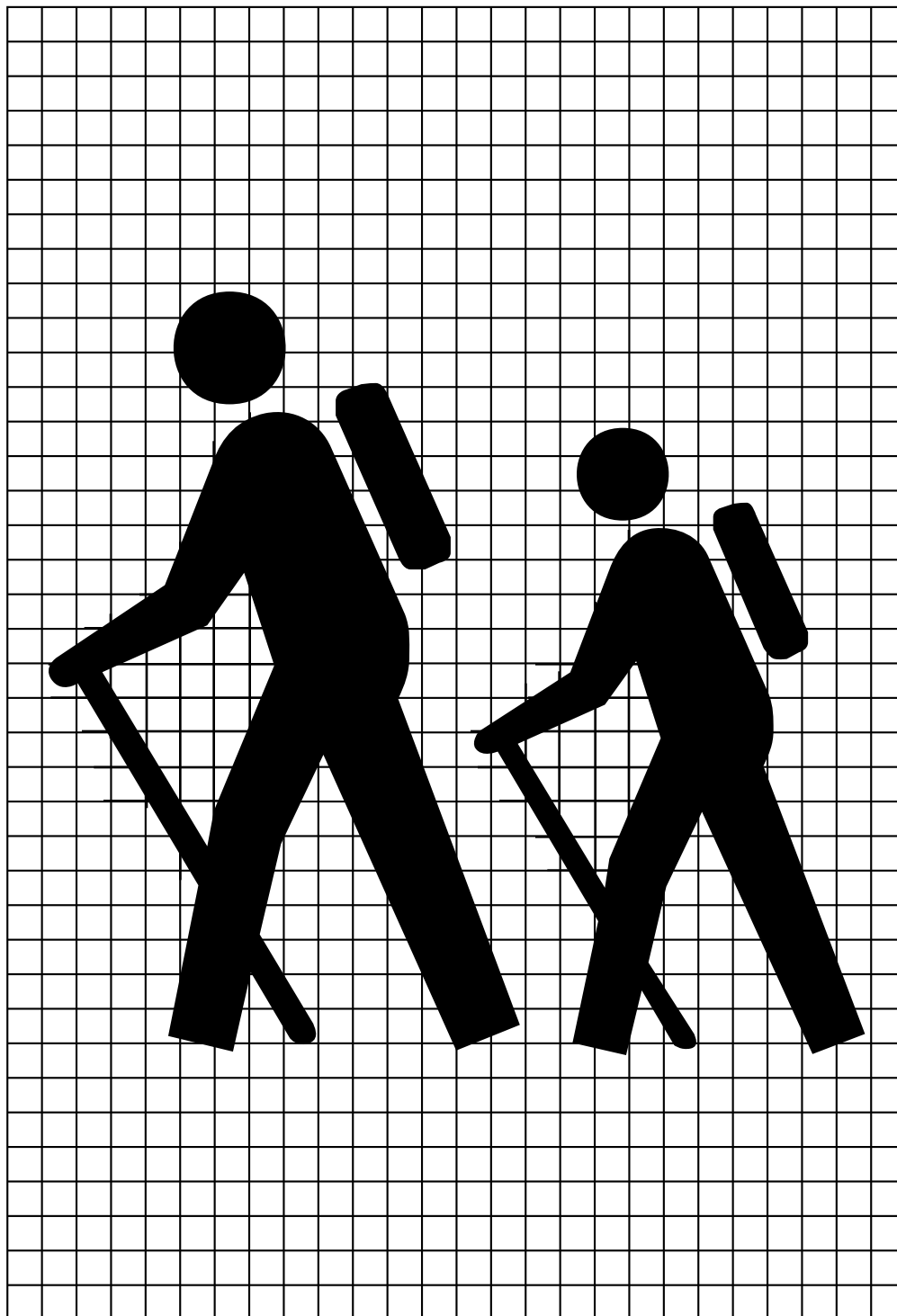
# APPENDIX D-2

10/97



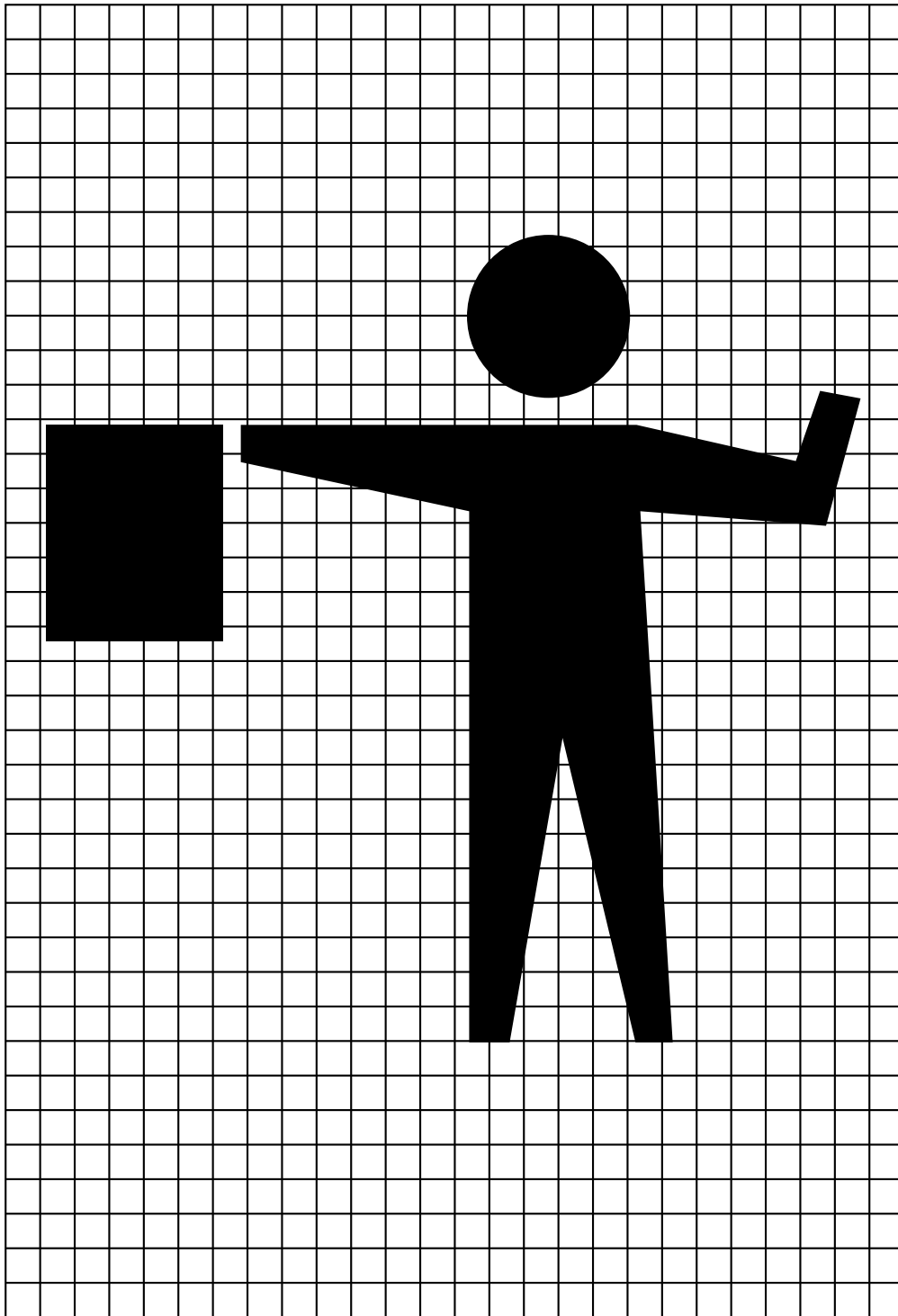
# APPENDIX D-3

10/97



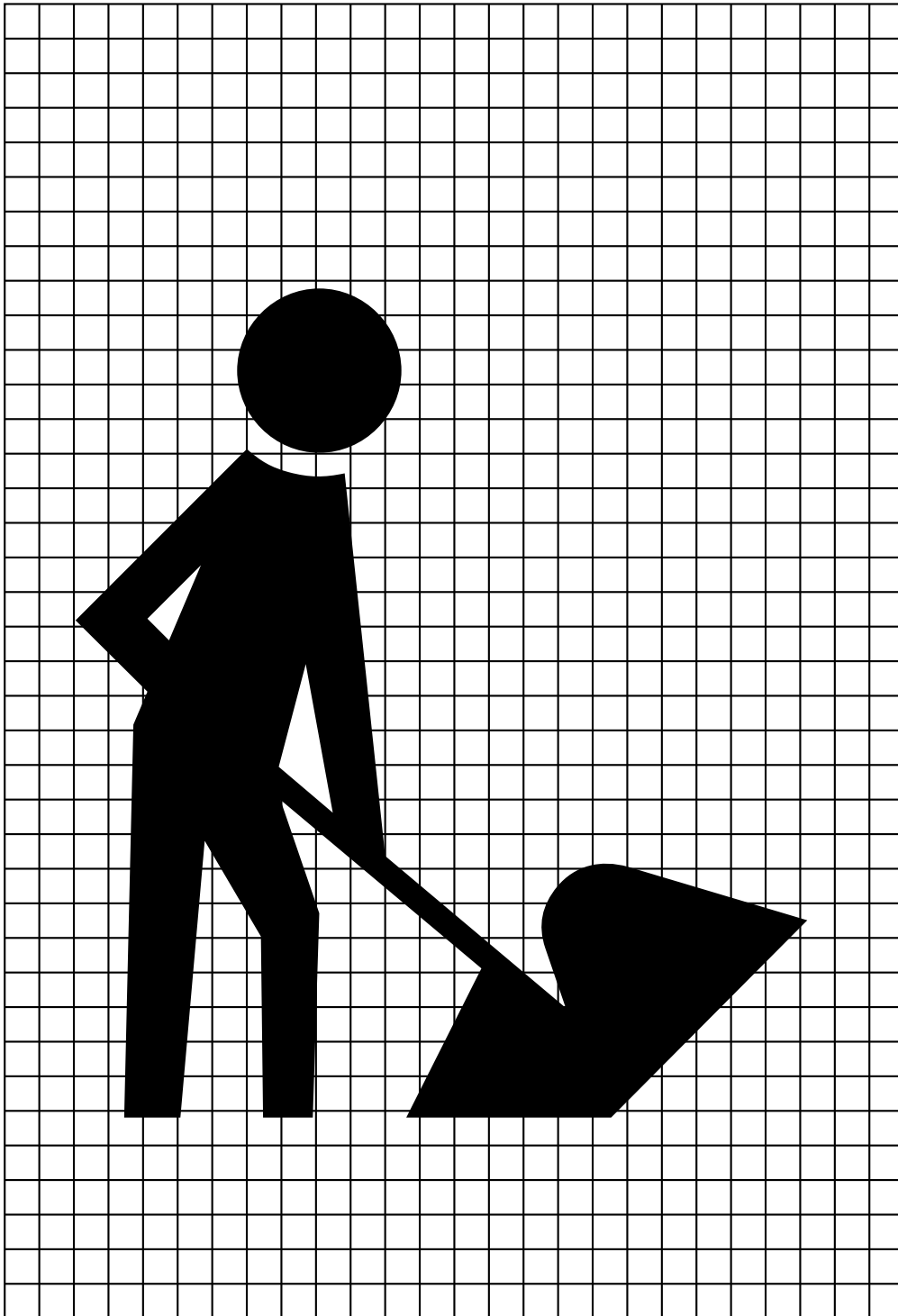
# APPENDIX D-4

10/97



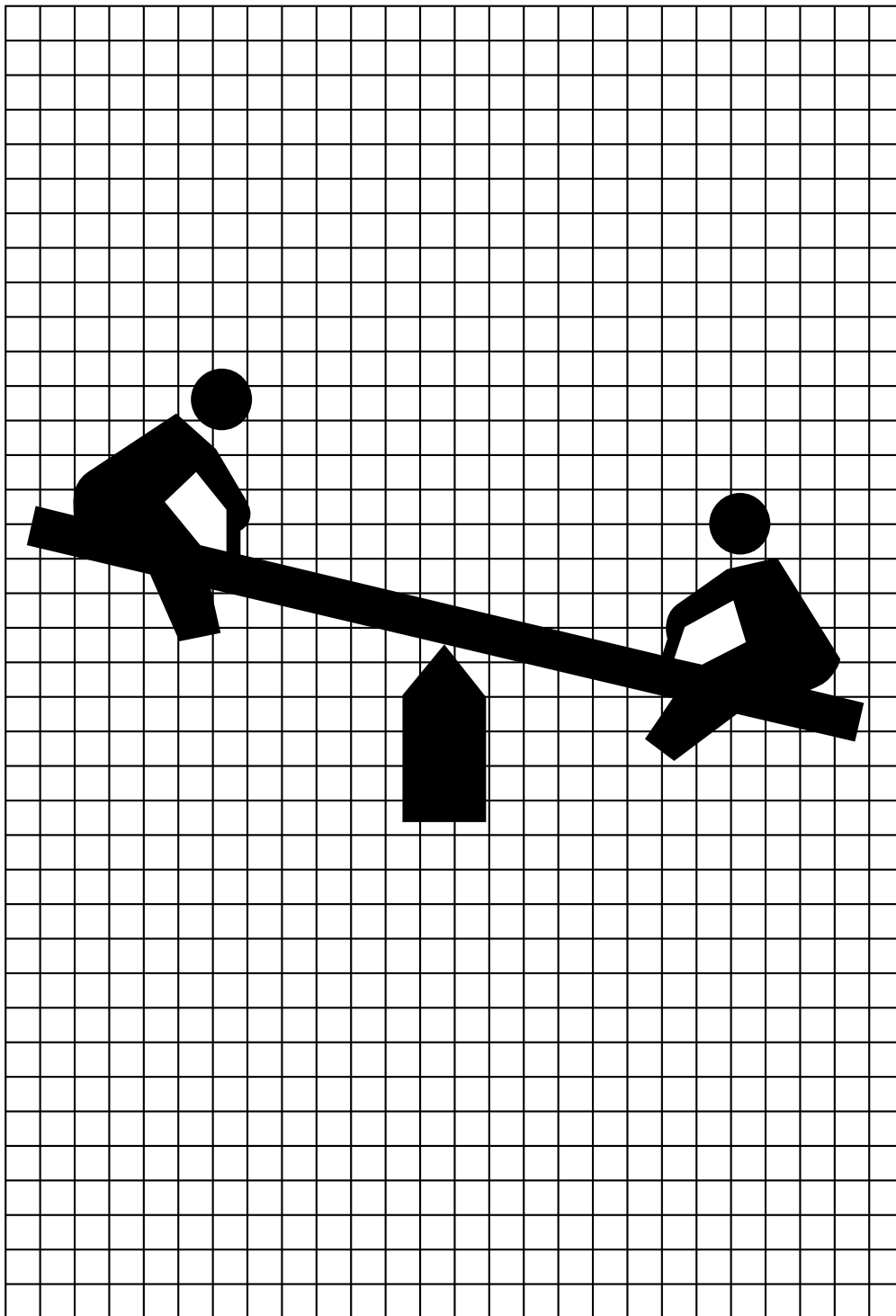
# APPENDIX D-5

10/97



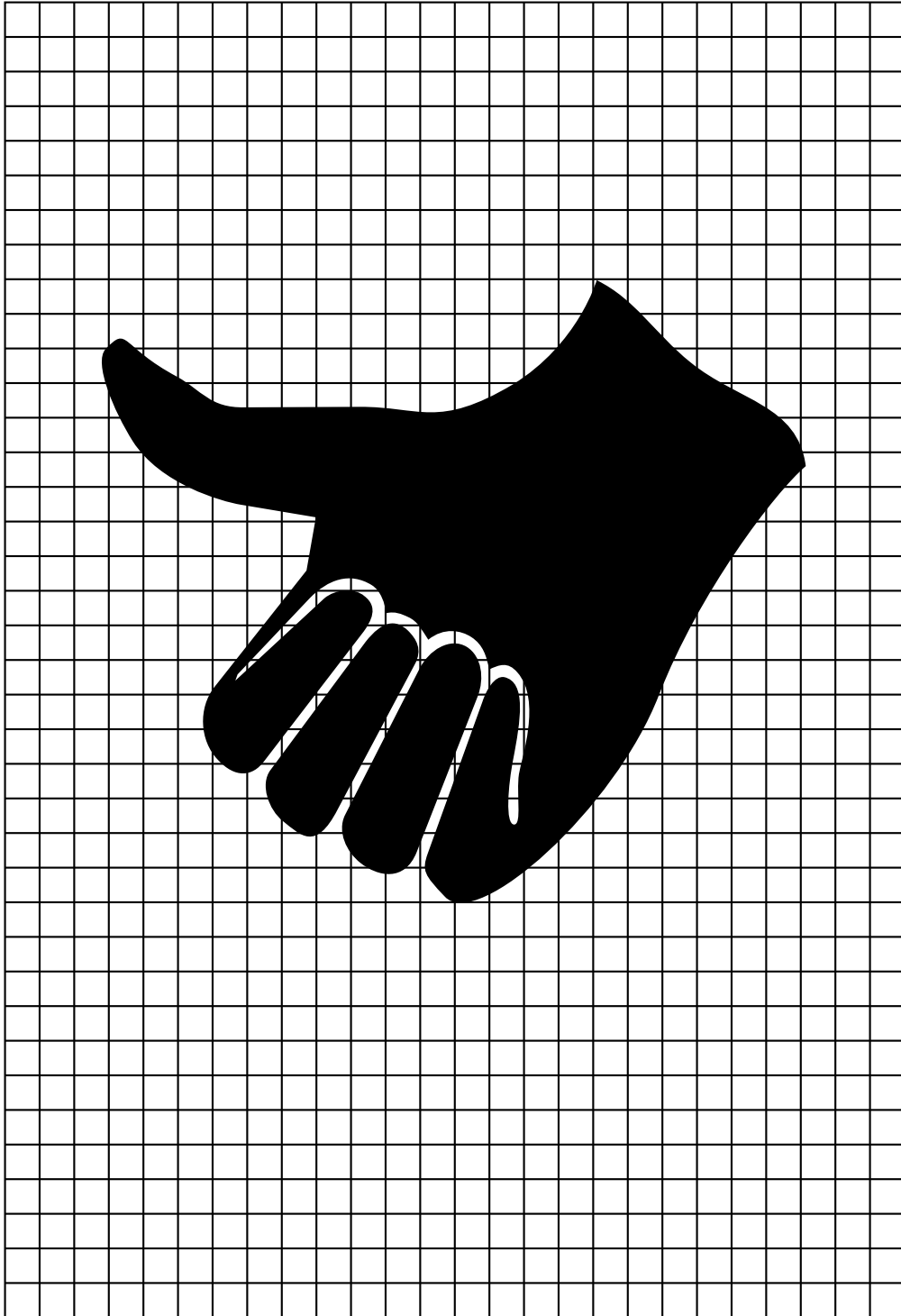
# APPENDIX D-6

10/97



# APPENDIX D-7

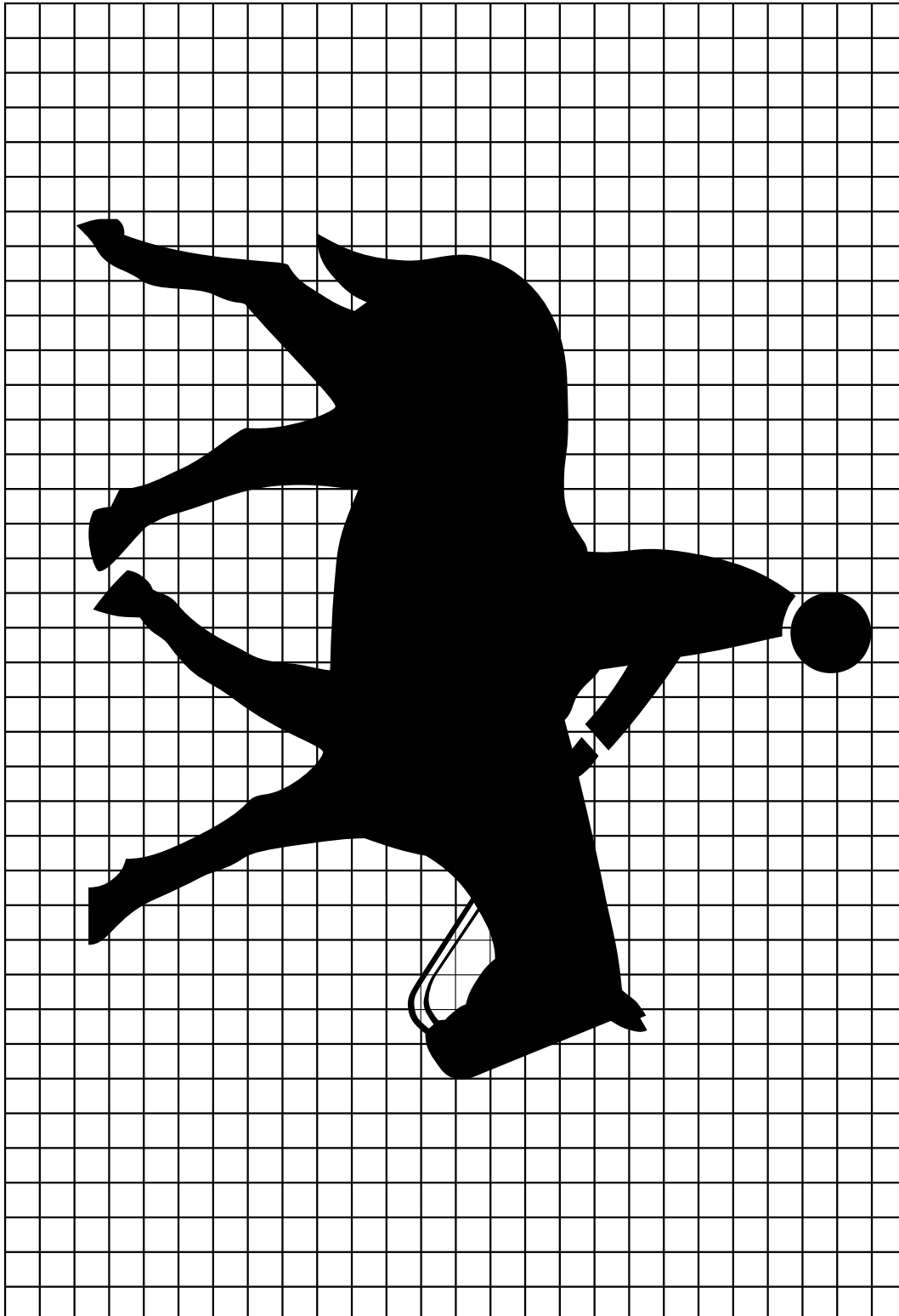
10/97





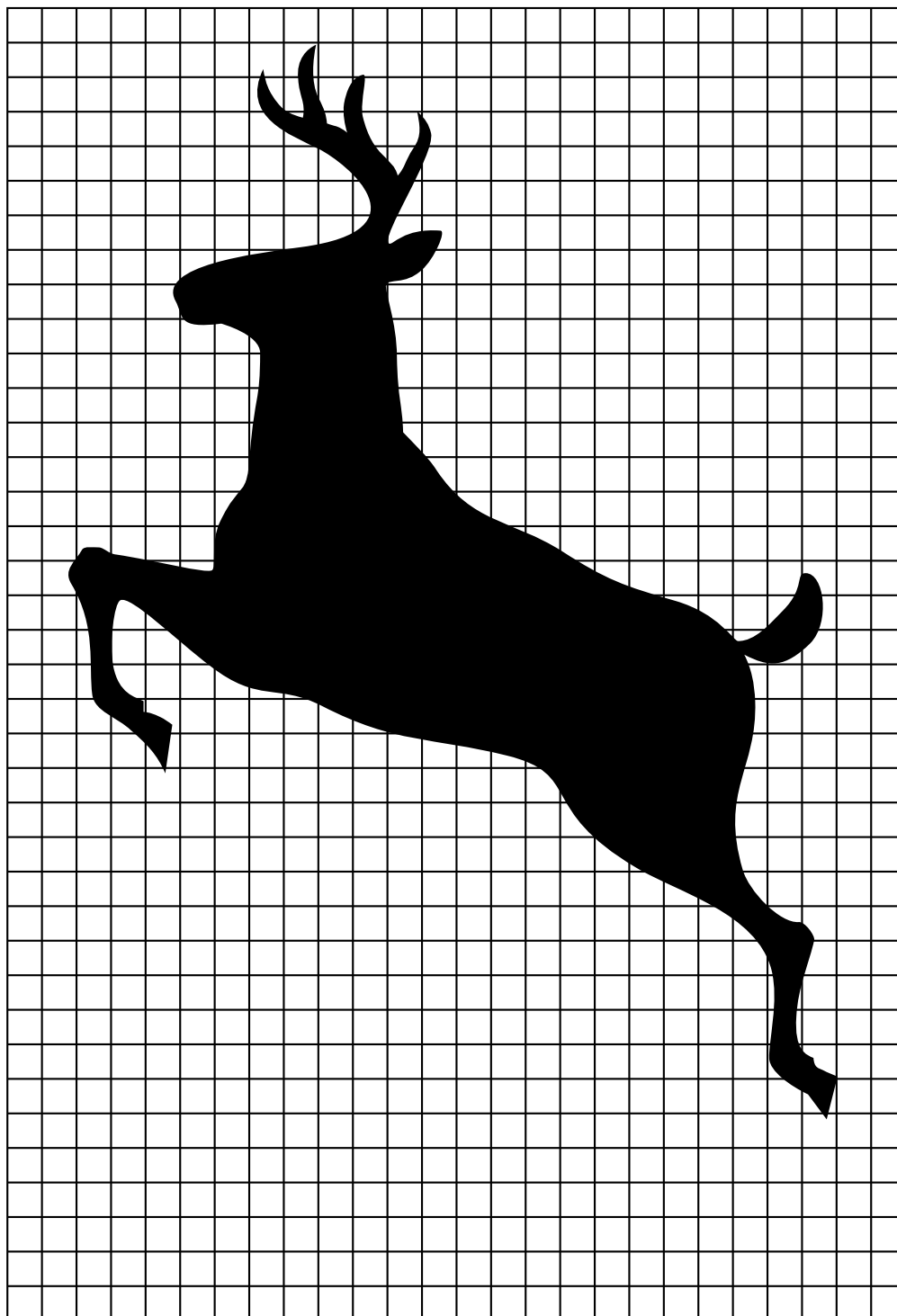
# APPENDIX D-8

10/97



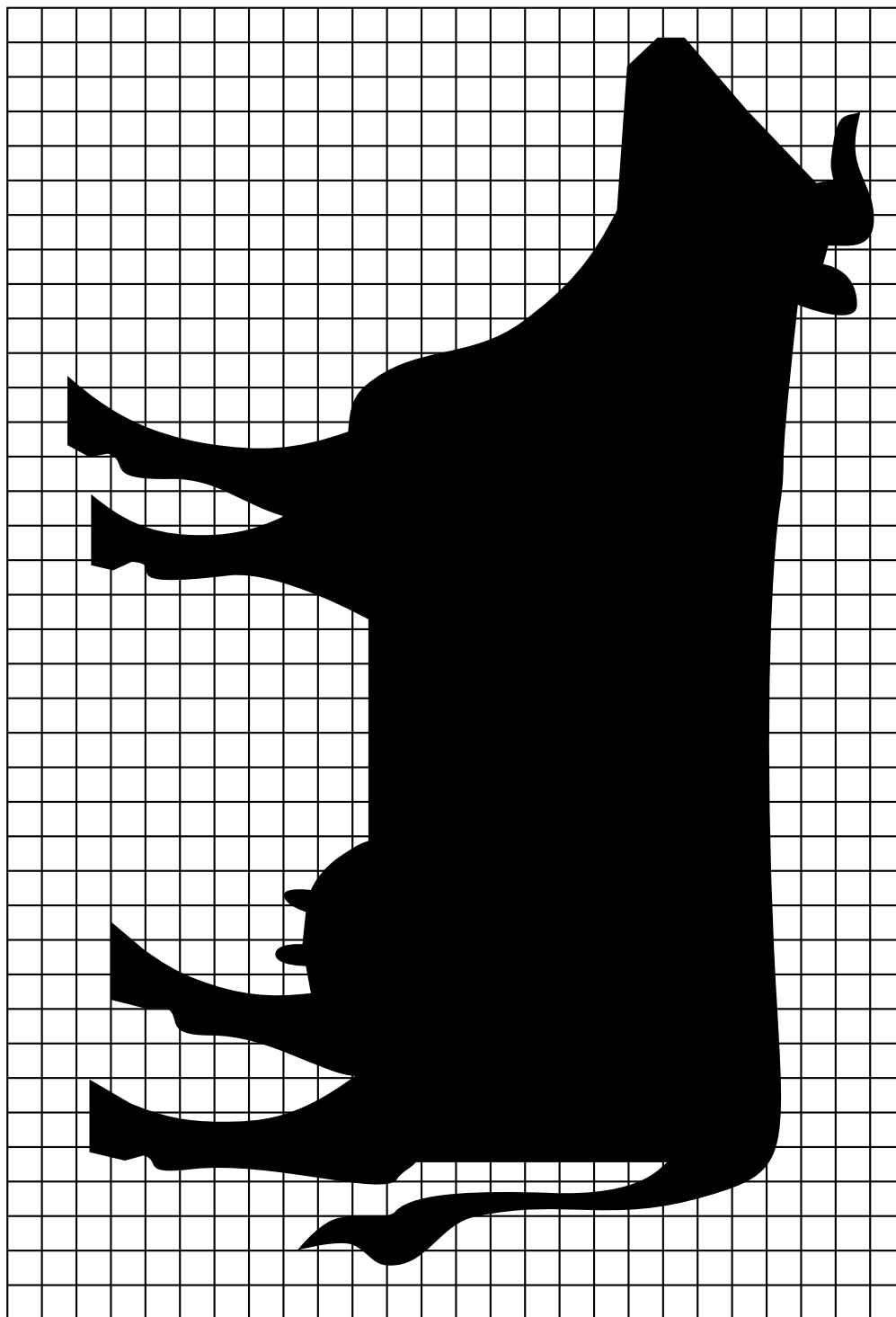
# APPENDIX D-9

10/97



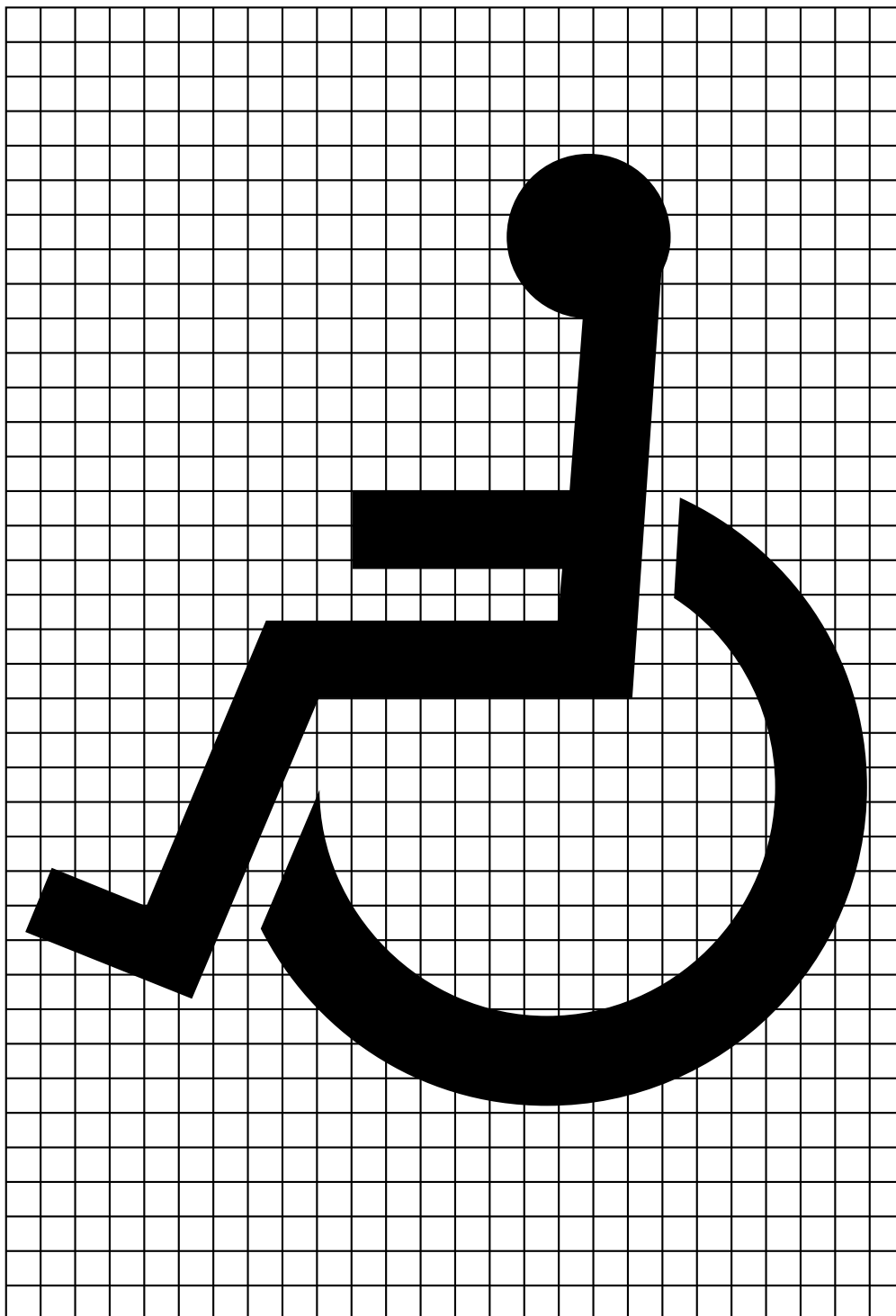
# APPENDIX D-10

10/97



# APPENDIX D-11

10/97



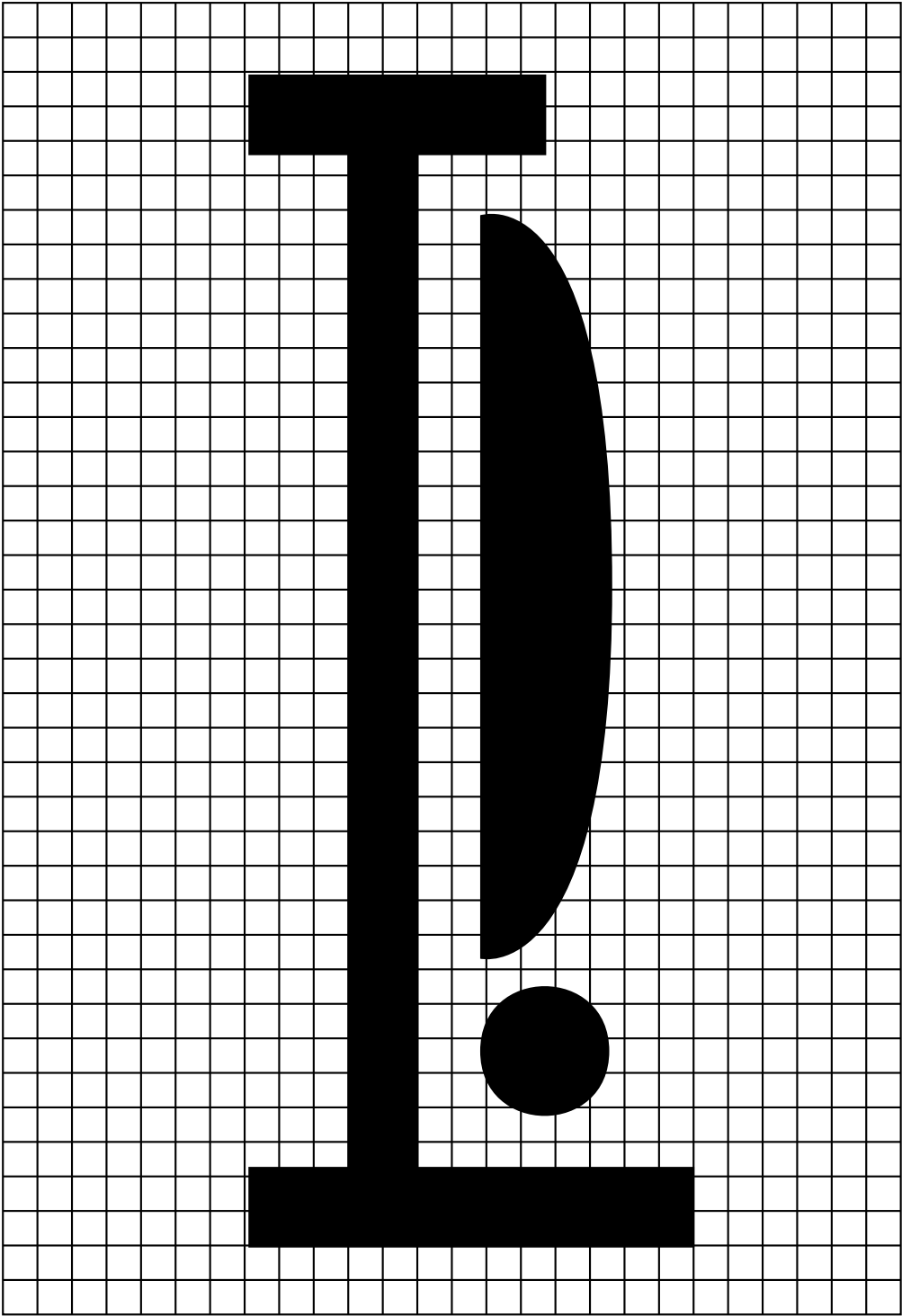
# APPENDIX D-12

10/97



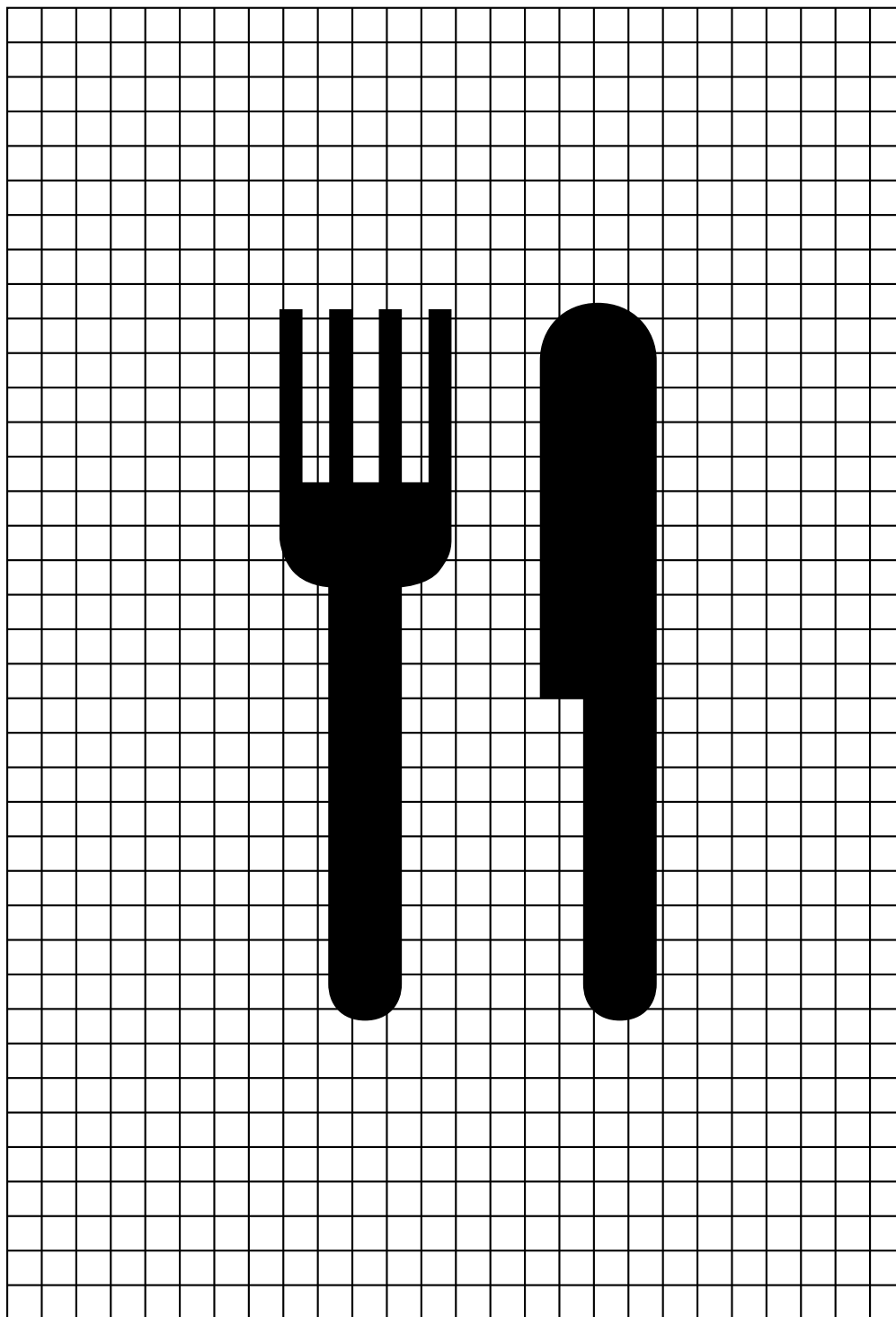
# APPENDIX D-13

10/97



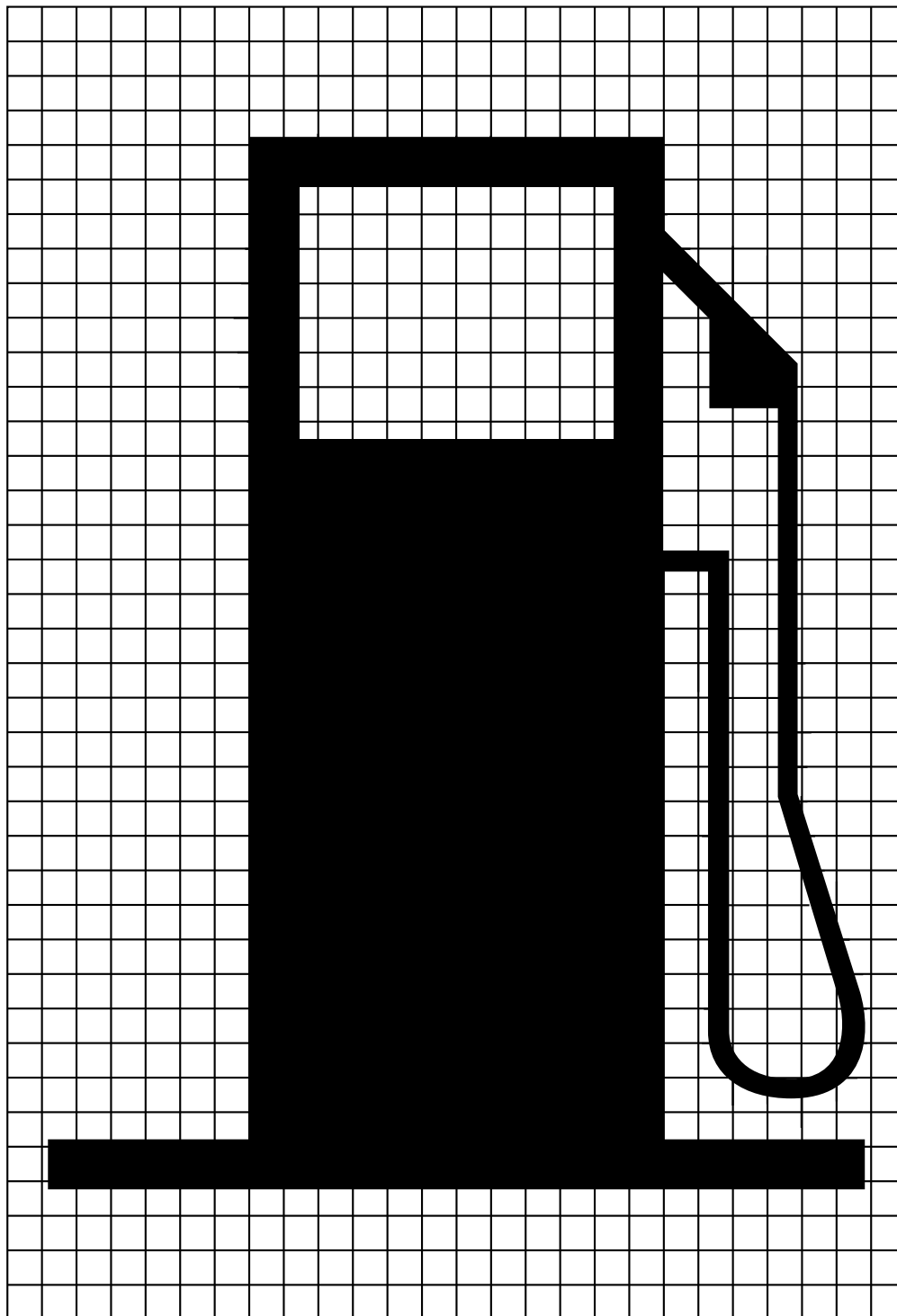
# APPENDIX D-14

10/97



# APPENDIX D-15

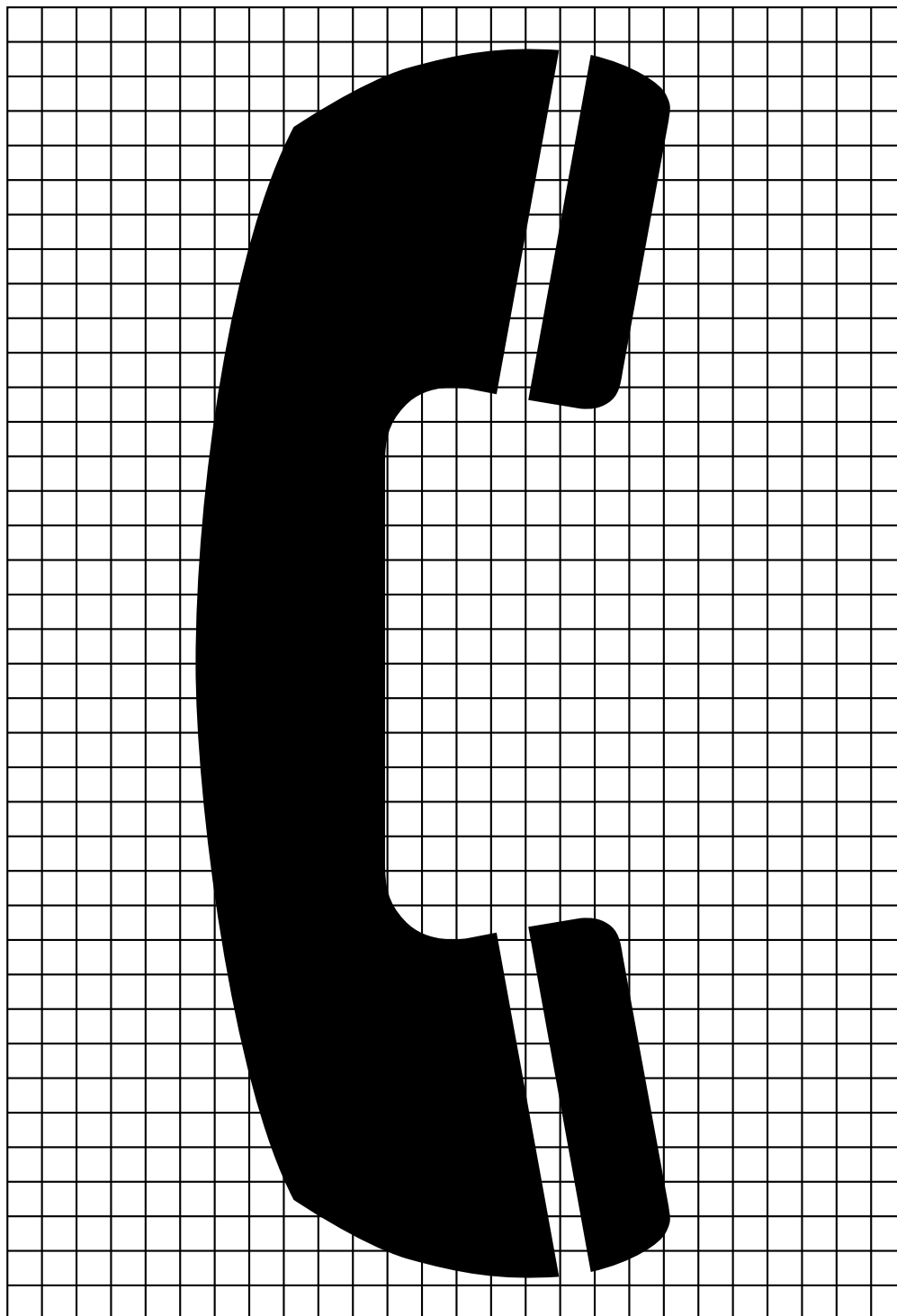
10/97





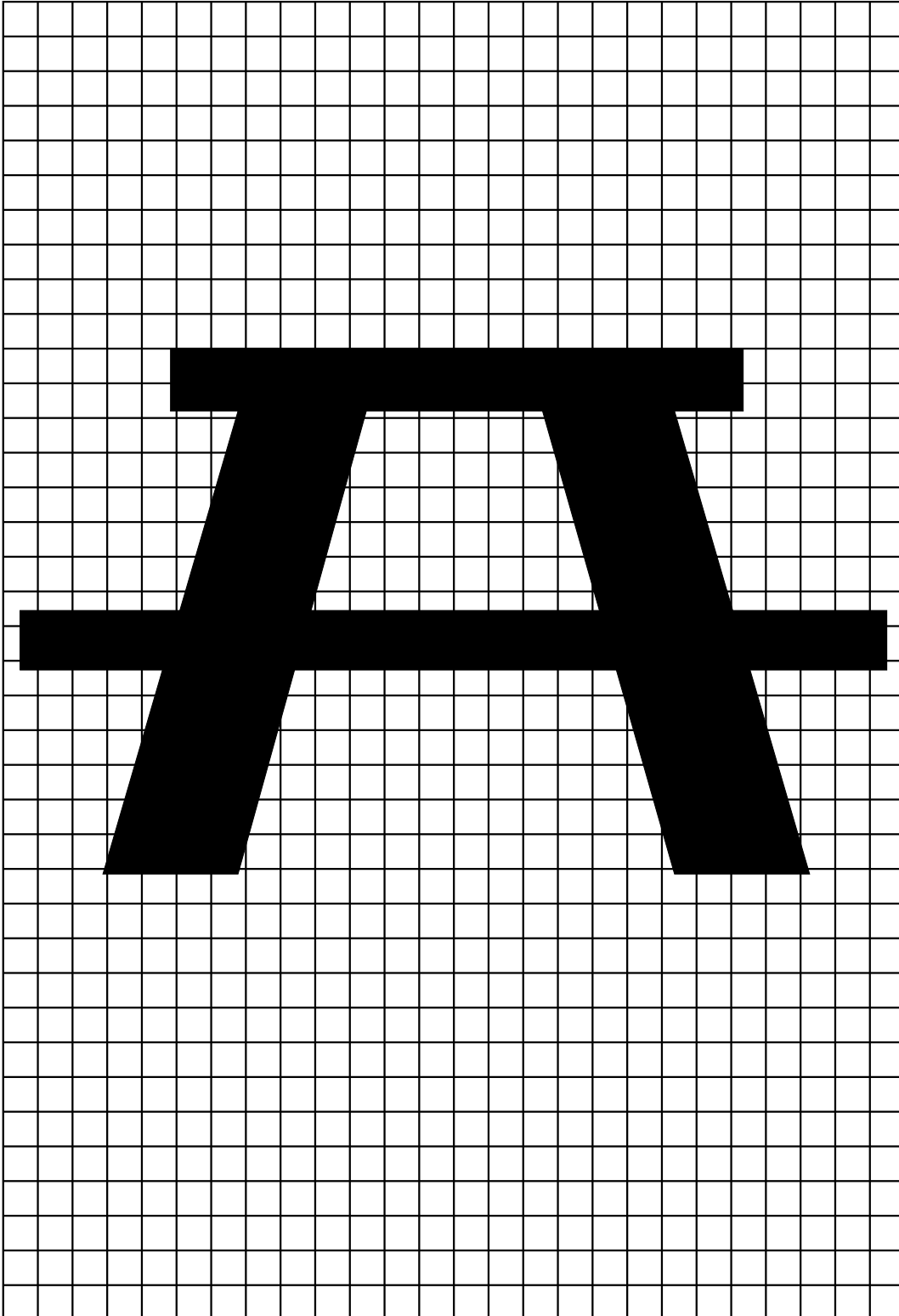
# APPENDIX D-16

10/97



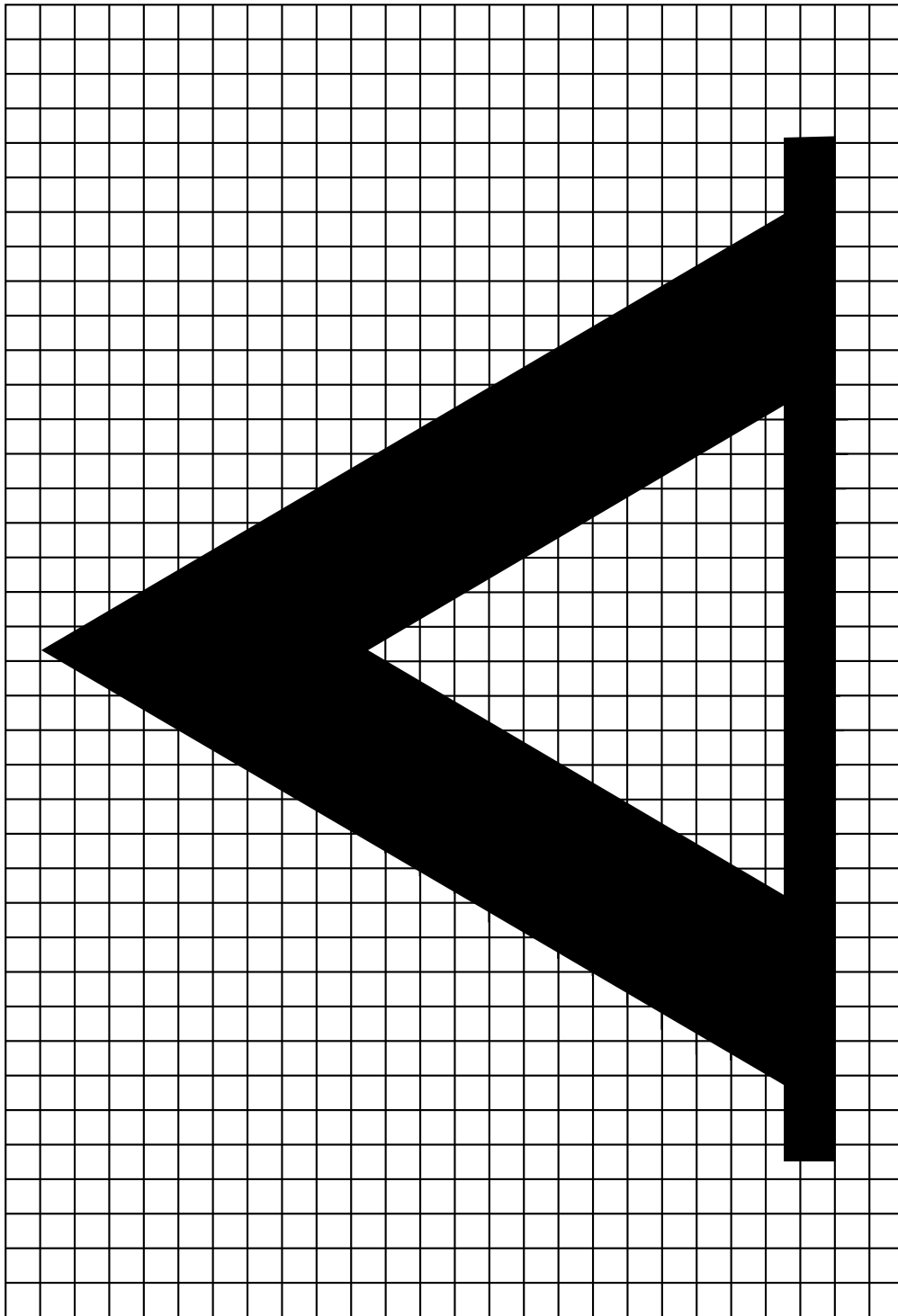
# APPENDIX D-17

11/03



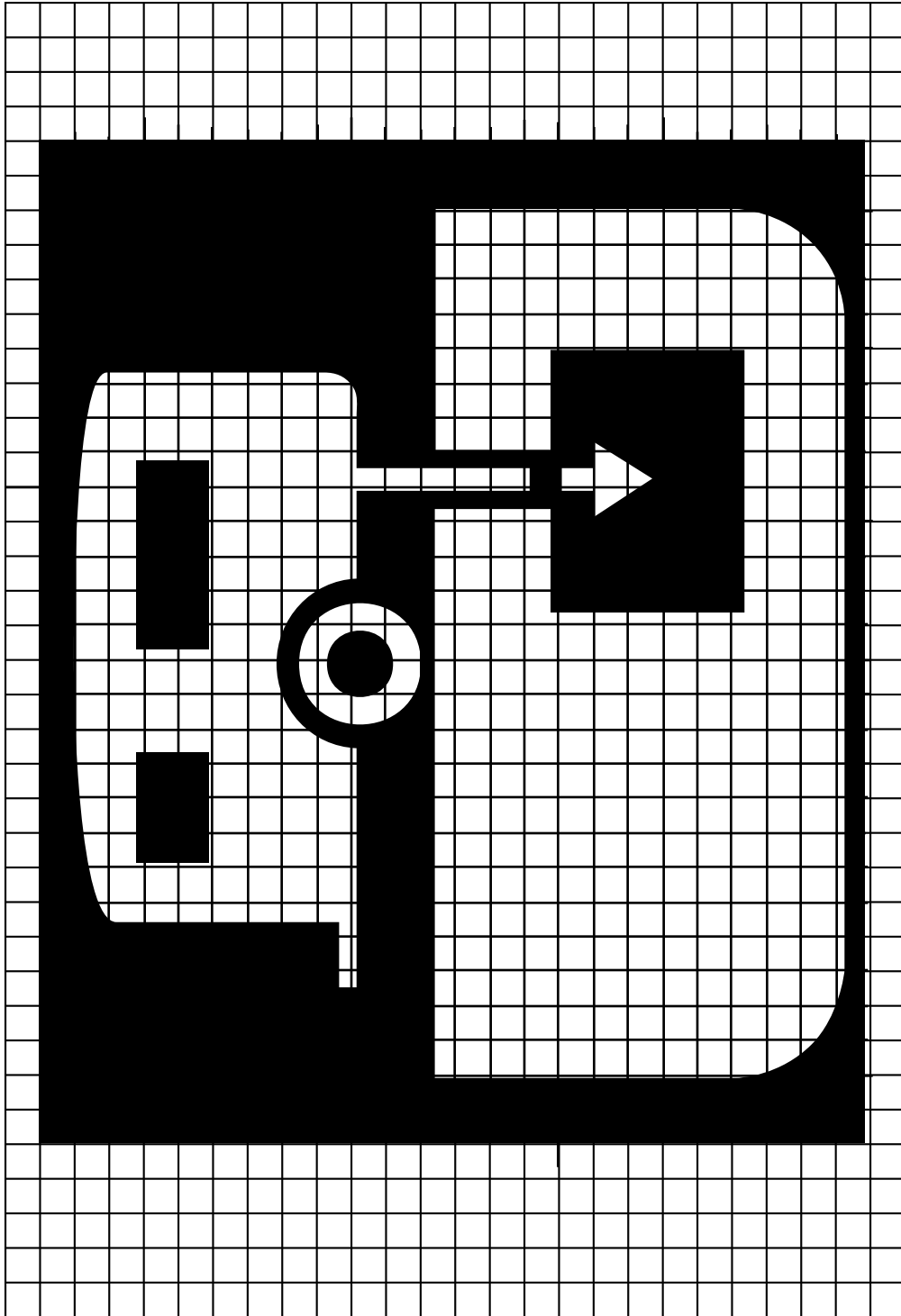
# APPENDIX D-18

10/97



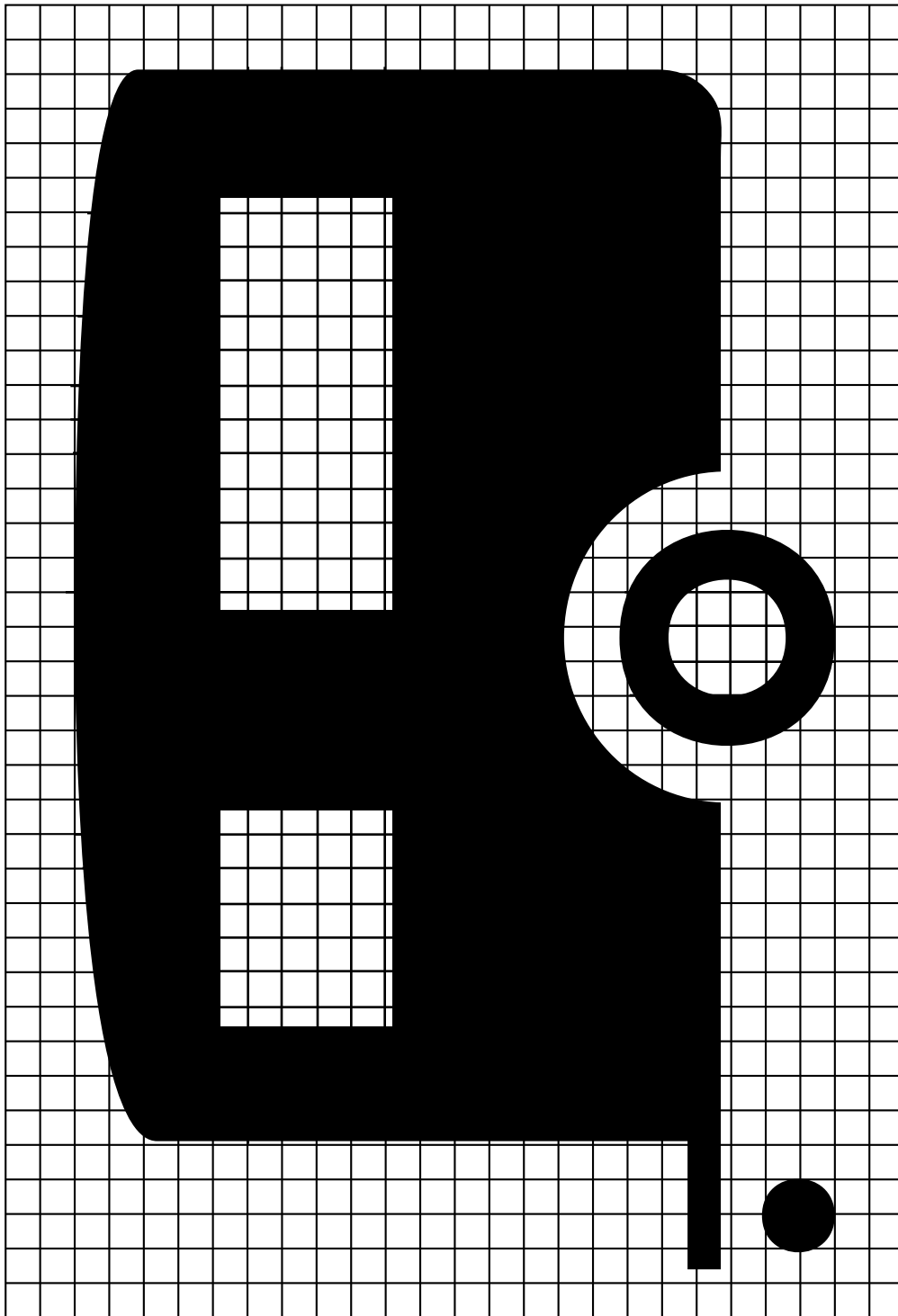
# APPENDIX D-19

10/97



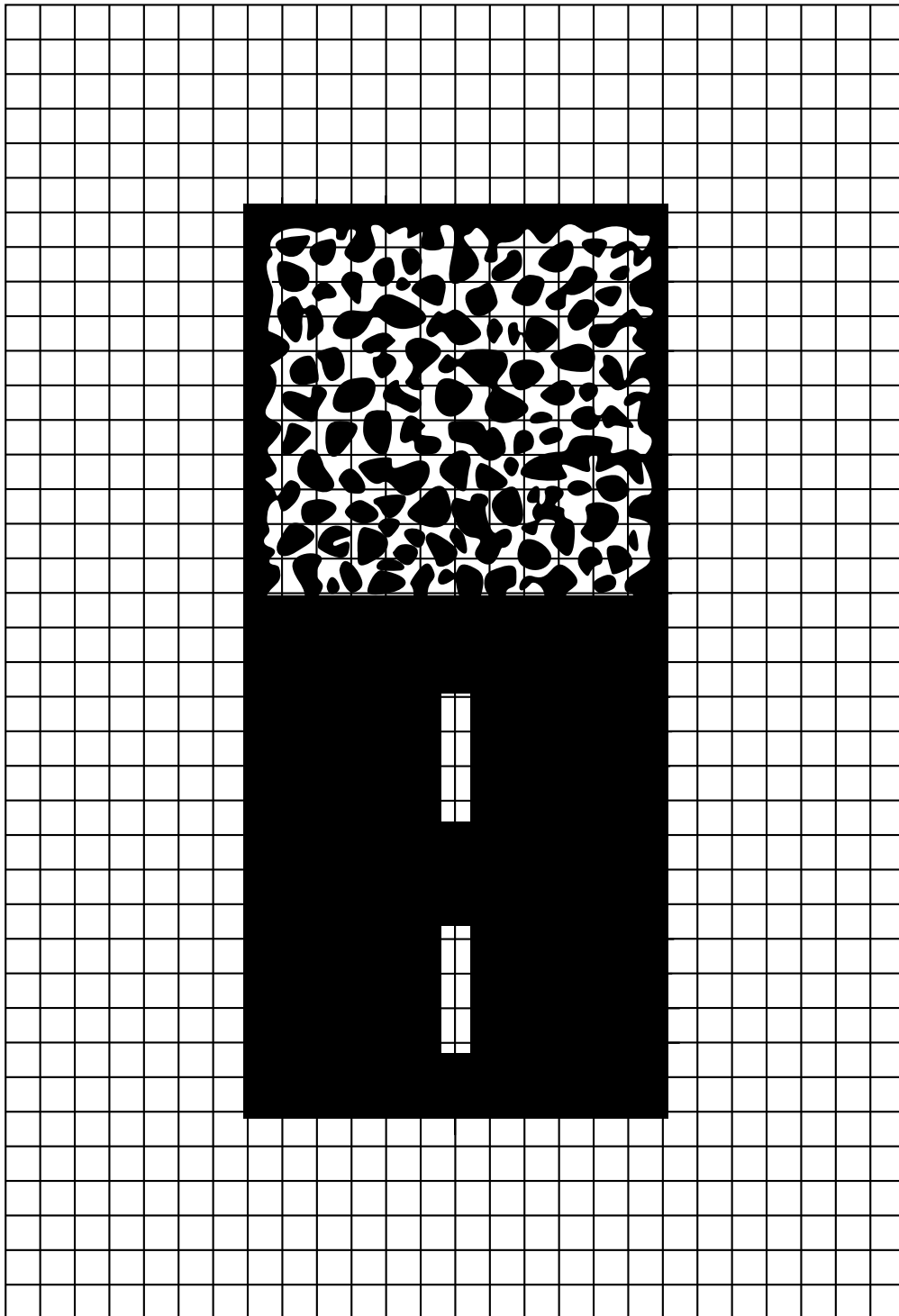
# APPENDIX D-20

10/97



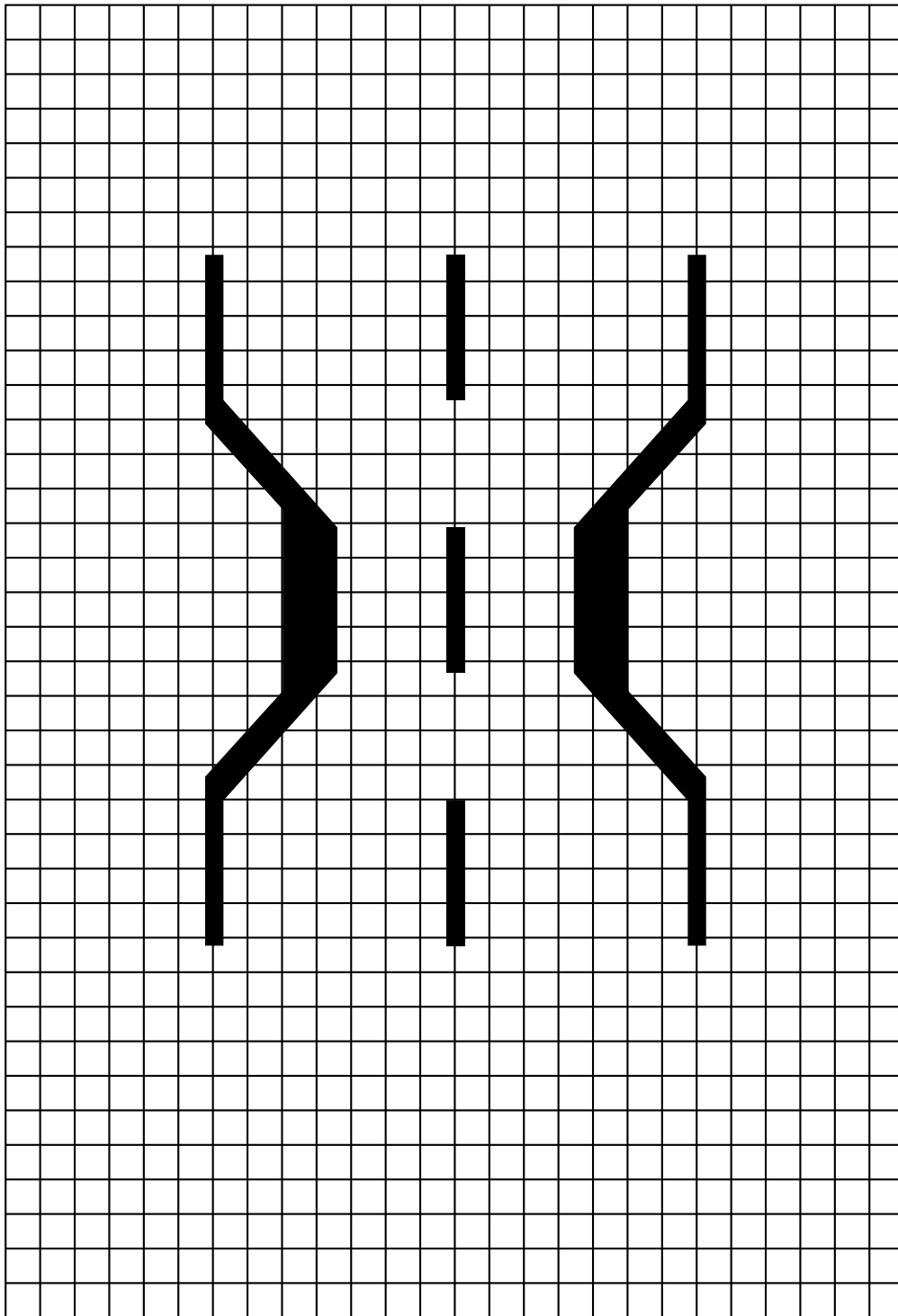
# APPENDIX D-21

10/97



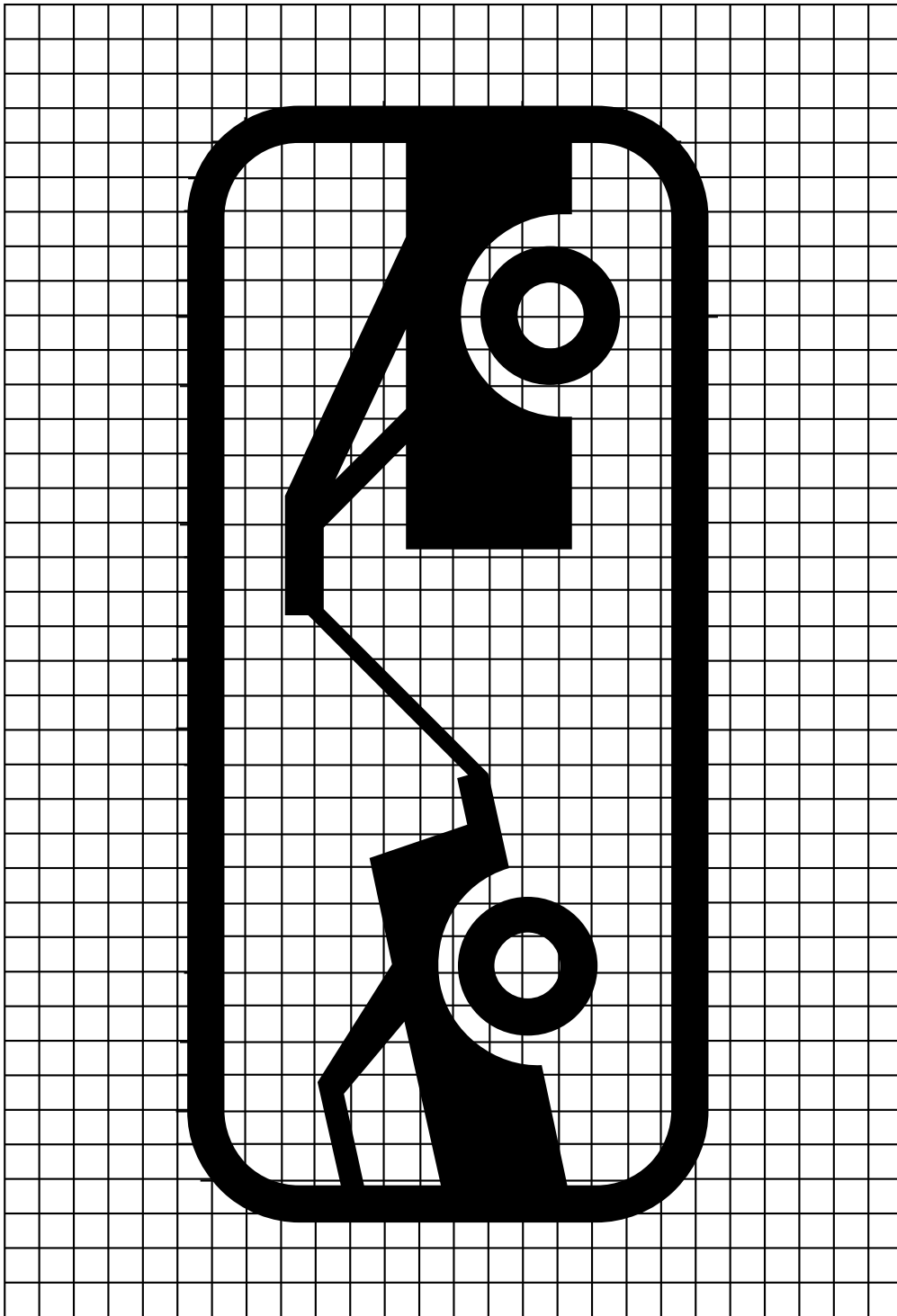
# APPENDIX D-22

10/97



# APPENDIX D-23

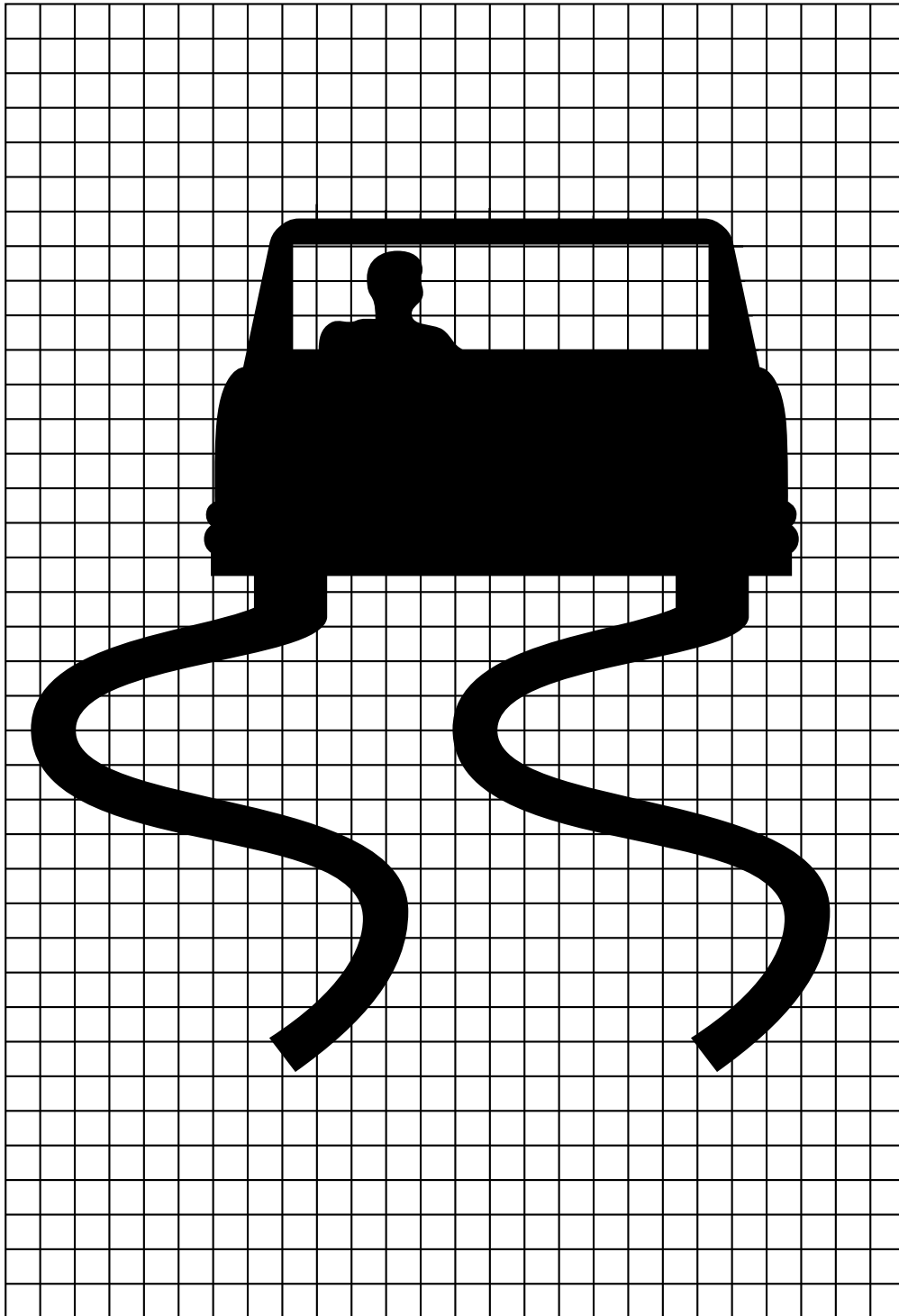
10/97





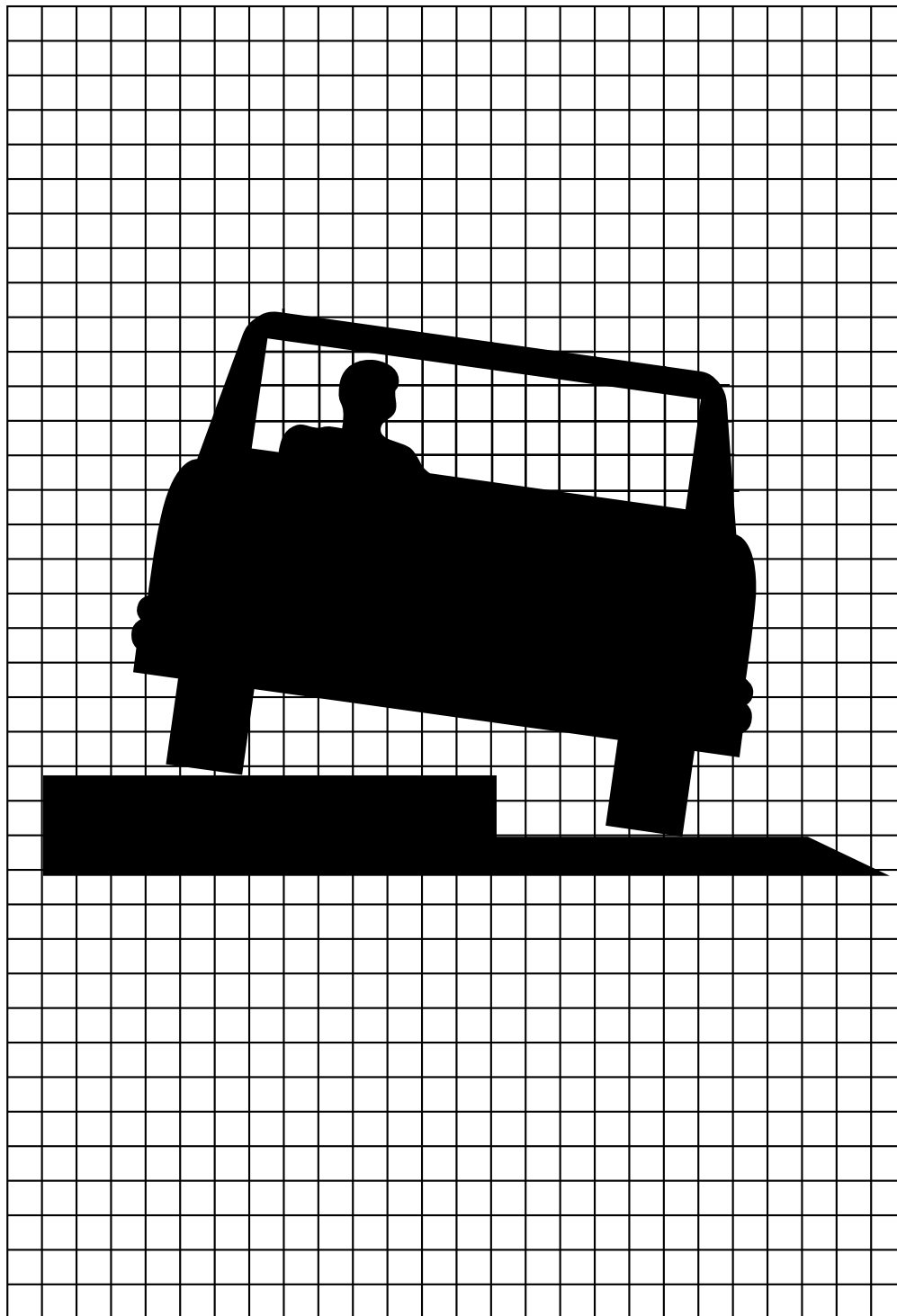
# APPENDIX D-24

10/97



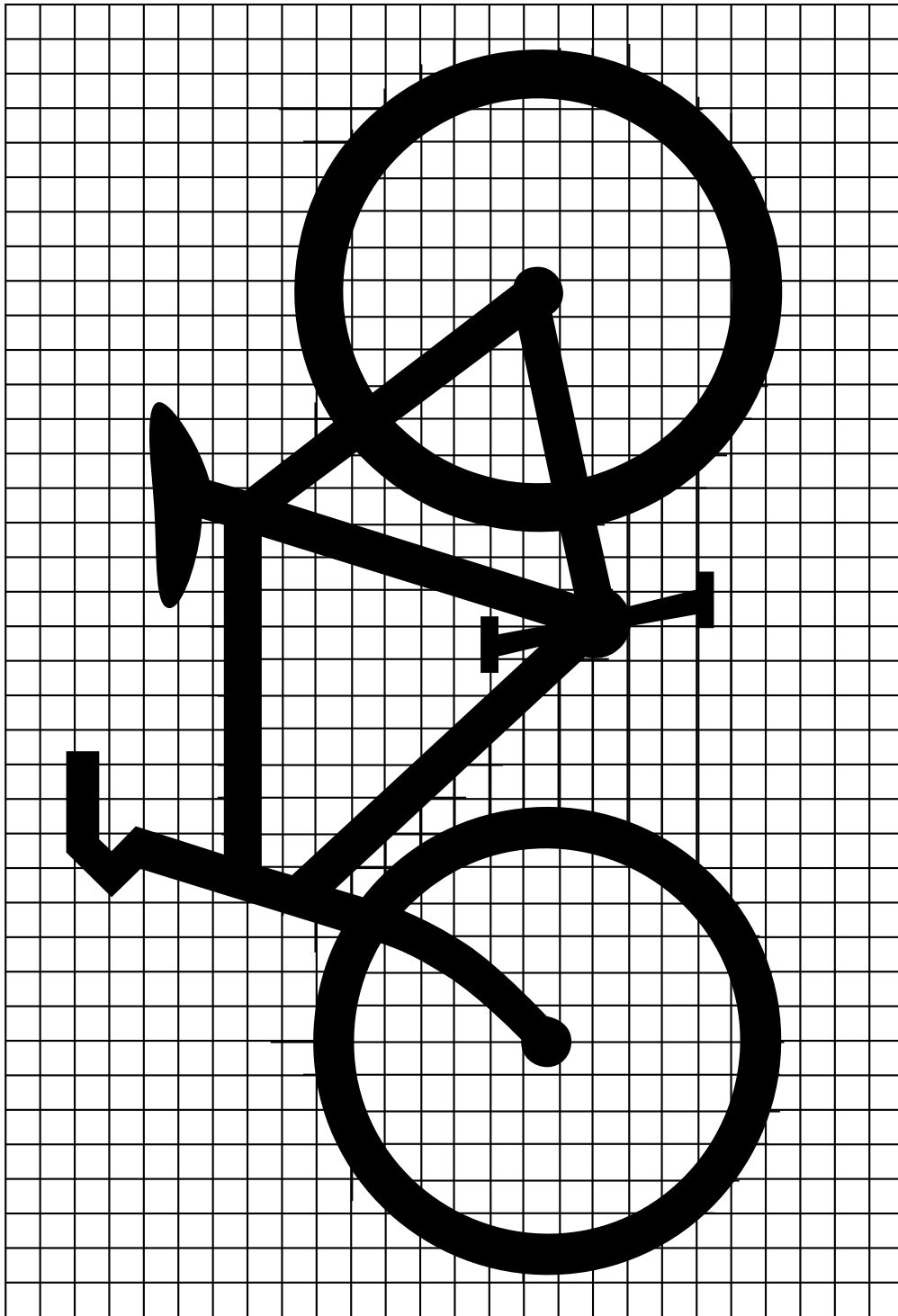
# APPENDIX D-25

10/97



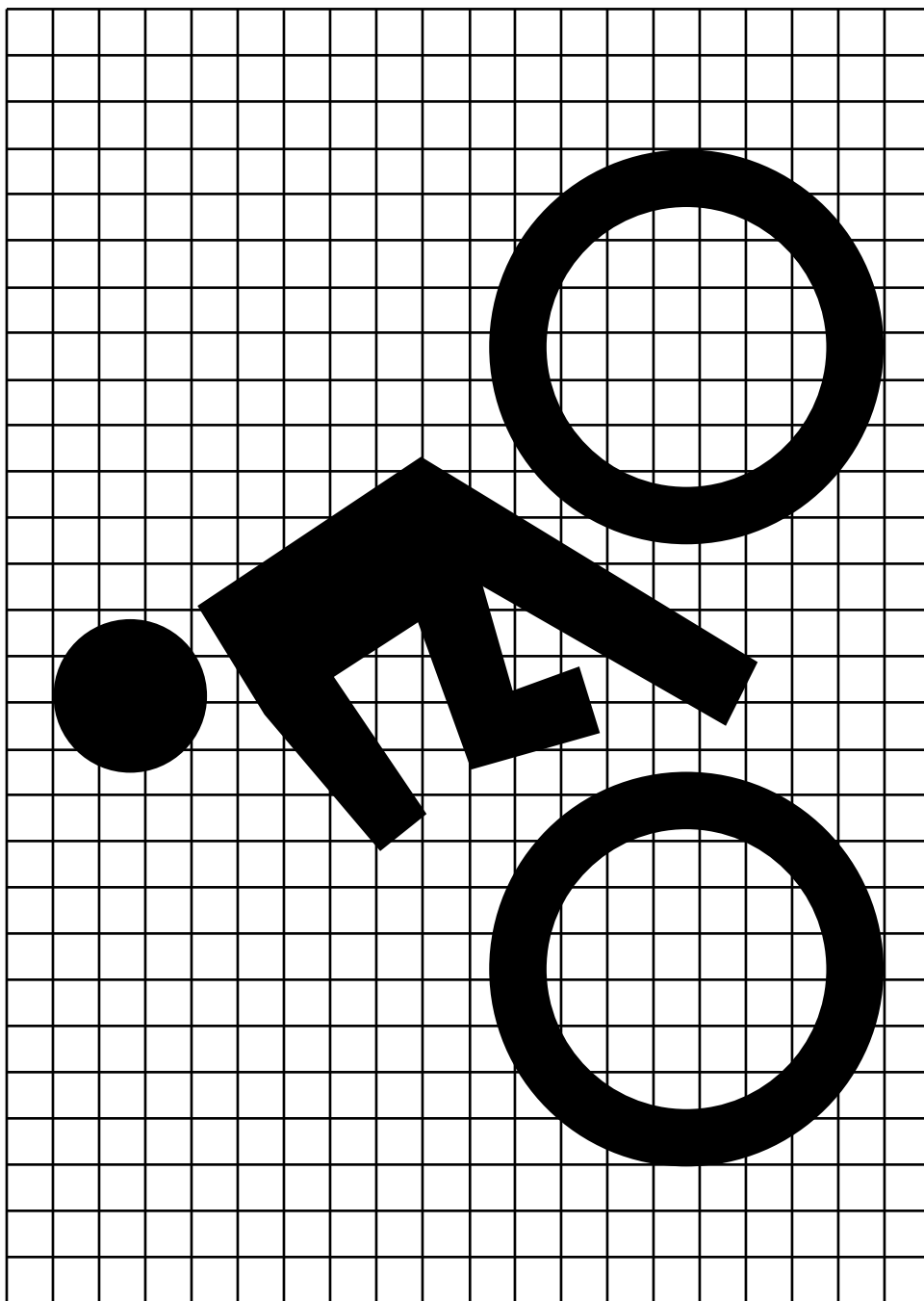
# APPENDIX D-26

10/97



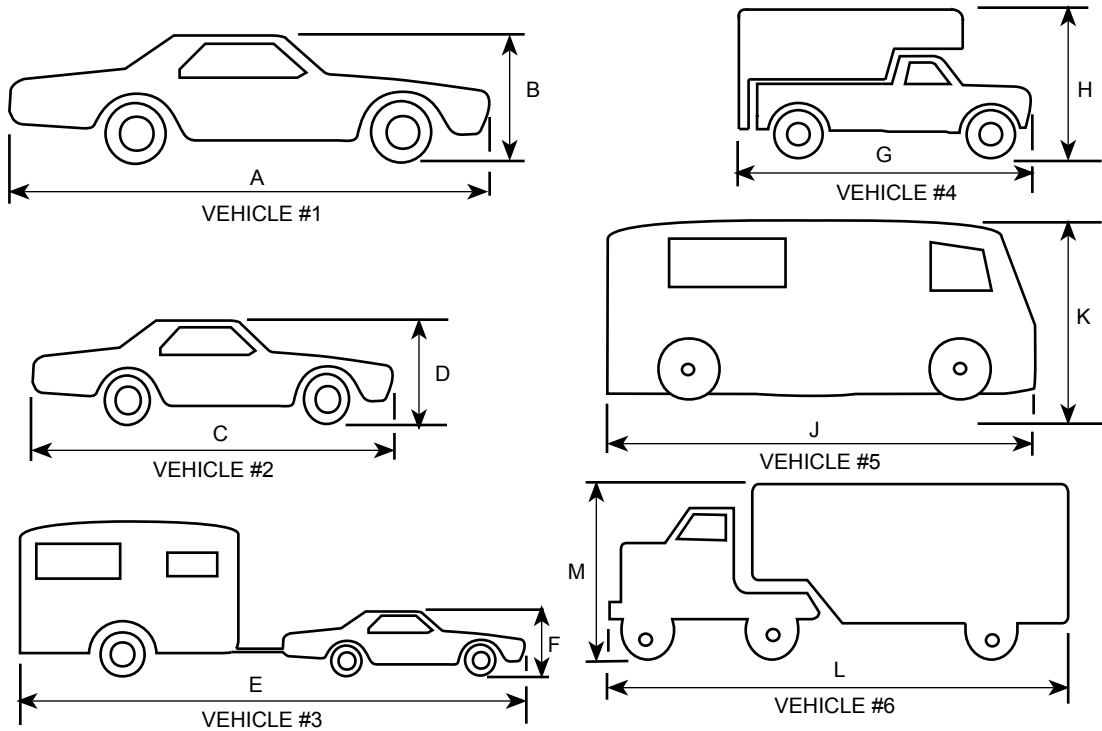
# APPENDIX D-26A

3/06



# APPENDIX D-27

10/97

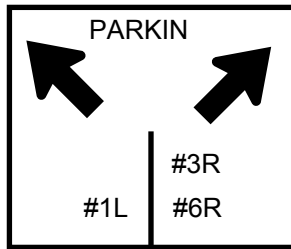


#1L ---- Vehicle #1 faces left  
#3R ---- Vehicle #3 faces right  
#6R ---- Vehicle #6 faces right

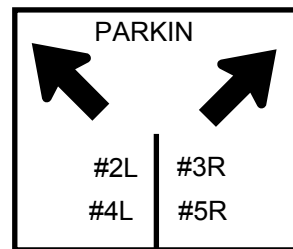
EXAMPLES OF SIGN PLAN LAYOUTS

#2L ---- Vehicle #2 faces left  
#4L ---- Vehicle #4 faces left  
#3R ---- Vehicle #3 faces right  
#5R ---- Vehicle #5 faces right

EXAMPLE



EXAMPLE B



TO BE USED WITH REST AREA PARKING SYMBOL SIGN D4-401

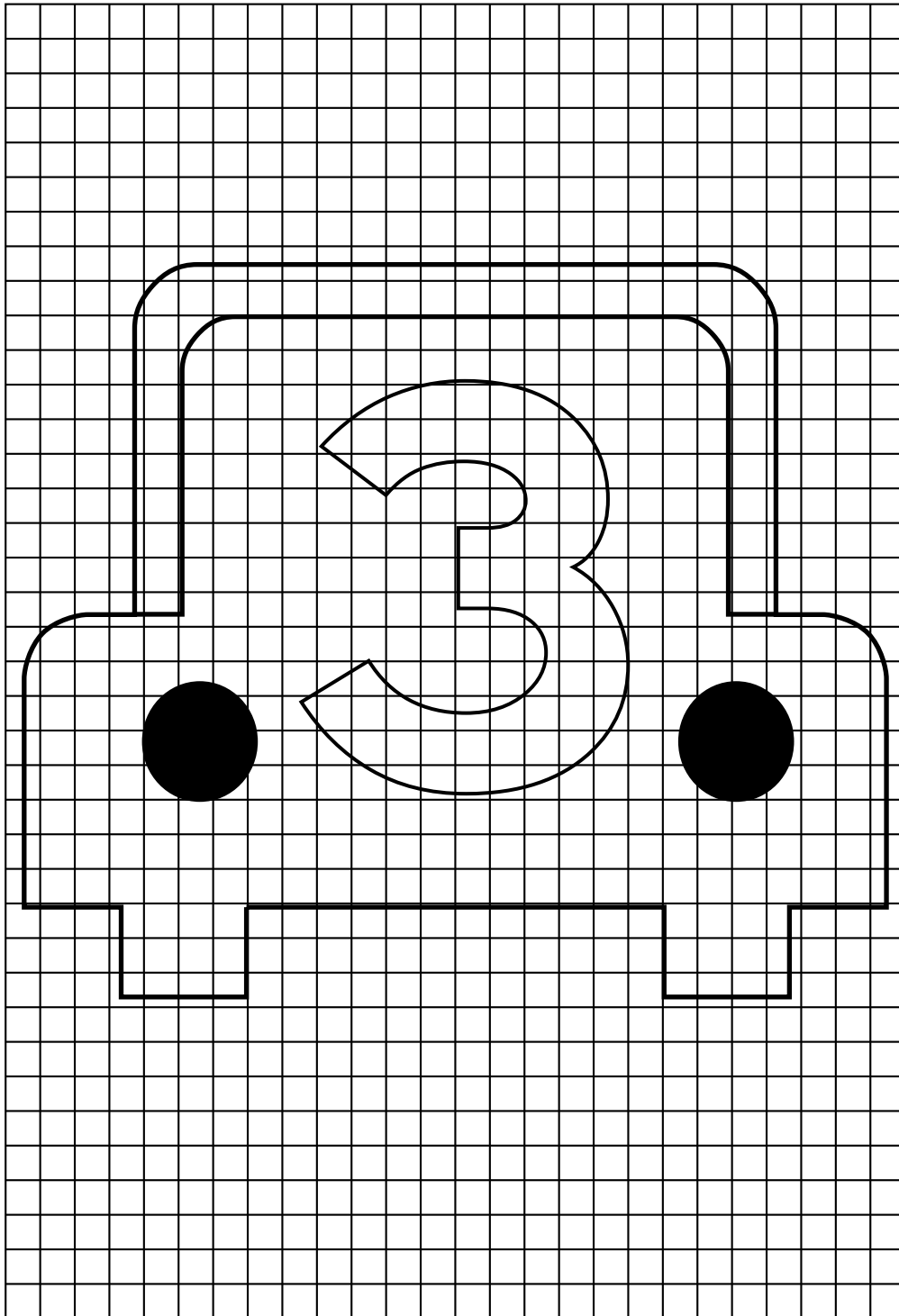
| SIGN<br>SIZE | DIMENSIONS (MILLIMETERS) |     |     |     |     |     |     |     |     |     |     |     |
|--------------|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|              | A                        | B   | C   | D   | E   | F   | G   | H   | J   | K   | L   | M   |
| 1500 X 1200  | 600                      | 200 | 300 | 125 | 600 | 175 | 375 | 225 | 425 | 225 | 600 | 200 |
| 2400 X 1800  | 950                      | 325 | 475 | 200 | 950 | 275 | 600 | 350 | 675 | 350 | 950 | 325 |

| SIGN<br>SIZE | DIMENSIONS (INCHES) |    |    |   |    |   |    |    |    |    |    |    |
|--------------|---------------------|----|----|---|----|---|----|----|----|----|----|----|
|              | A                   | B  | C  | D | E  | F | G  | H  | J  | K  | L  | M  |
| 60 X 48      | 24                  | 8  | 12 | 5 | 24 | 7 | 15 | 9  | 17 | 9  | 24 | 8  |
| 96 X 72      | 38                  | 13 | 19 | 8 | 38 | 1 | 24 | 14 | 27 | 14 | 38 | 13 |

VEHICLE NO. 1 IS INTENDED FOR USE ALONE AS SHOWN ON ABOVE SIGN. VEHICLE NO. 2 IS TO BE USED WHEN AUTOMOBILES AND ANOTHER VEHICLE TYPE ARE SIGNED IN THE SAME DIRECTION.

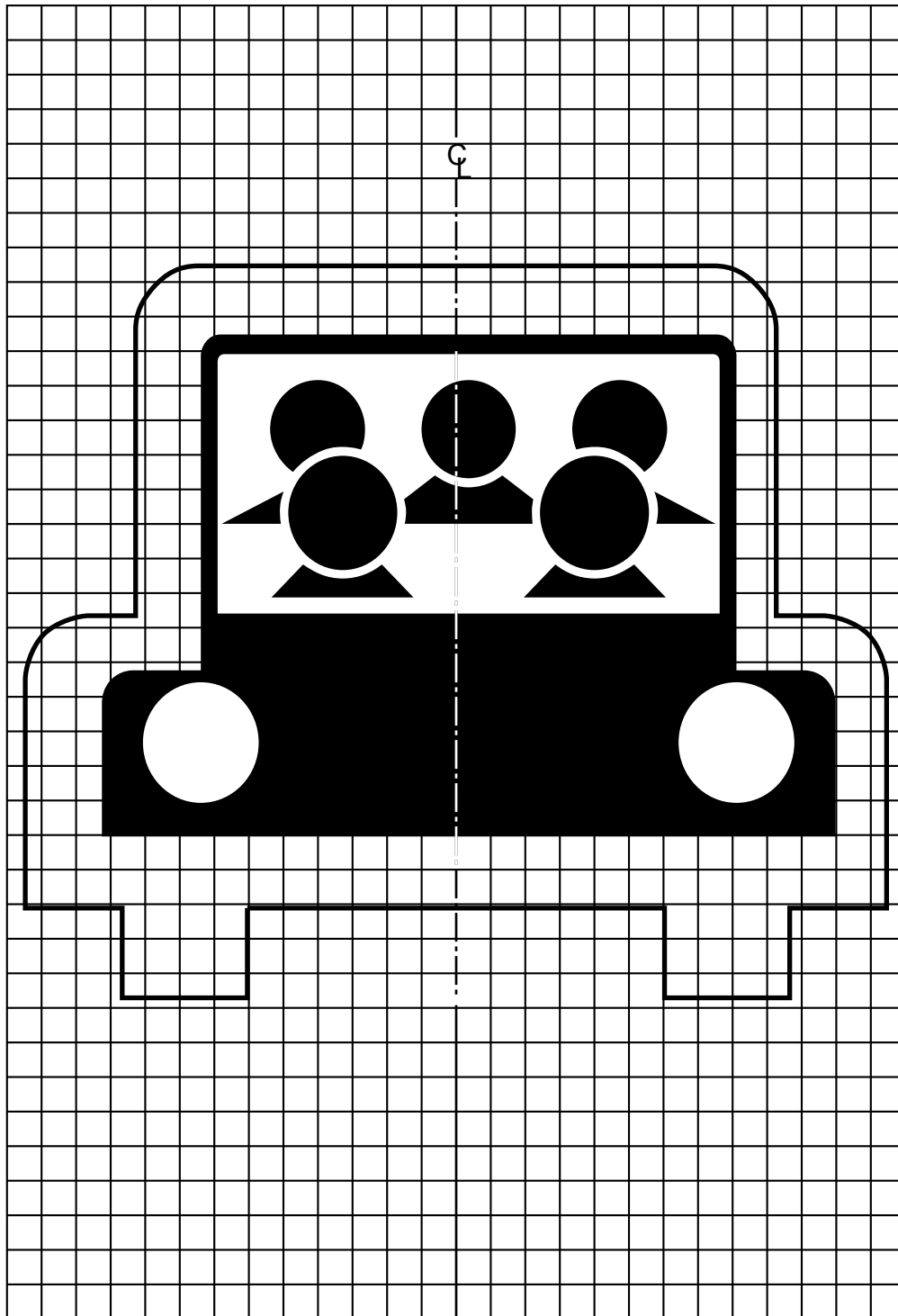
# APPENDIX D-28

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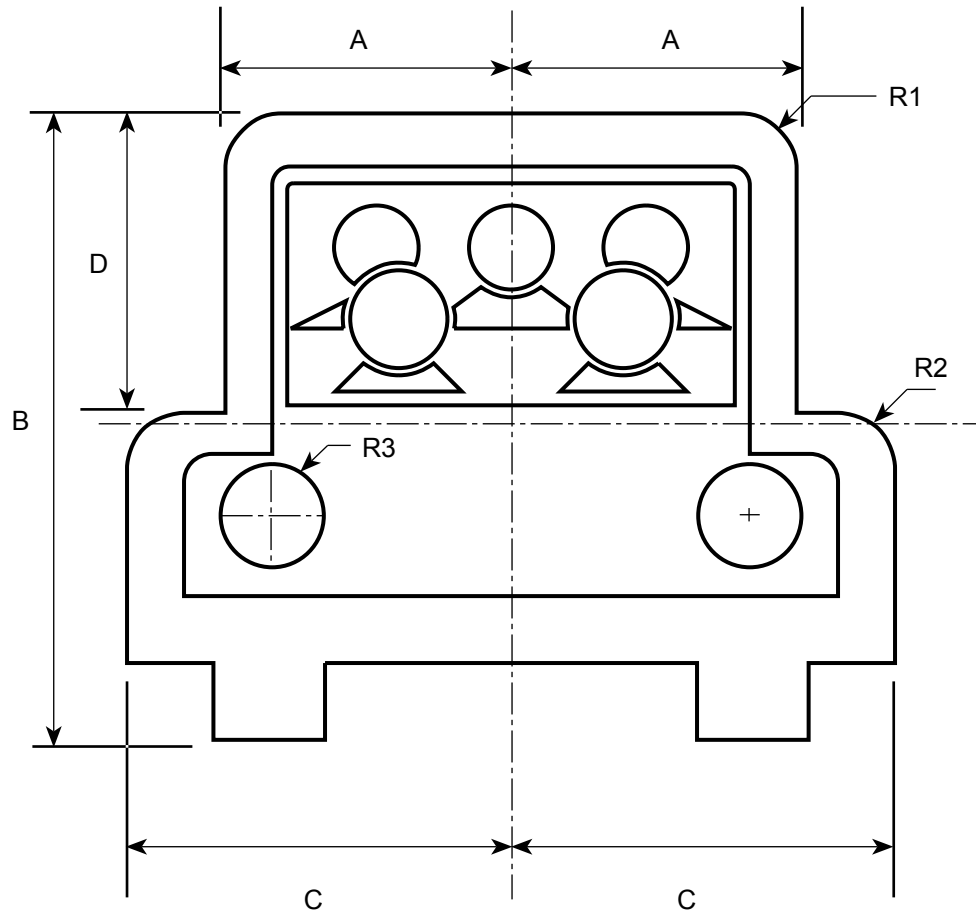
# APPENDIX D-29

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# APPENDIX D-30

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| SIGN | DIMENSIONS (MILLIMETERS) |     |     |     |    |    |    |
|------|--------------------------|-----|-----|-----|----|----|----|
|      | A                        | B   | C   | D   | R1 | R2 | R3 |
| STD. | 144                      | 300 | 191 | 139 | 38 | 30 | 25 |

| SIGN | DIMENSIONS (MILLIMETERS) |    |       |        |       |        |    |
|------|--------------------------|----|-------|--------|-------|--------|----|
|      | A                        | B  | C     | D      | R1    | R2     | R3 |
| STD. | 5 3/4                    | 12 | 7 5/8 | 5 9/16 | 1 1/2 | 1 3/16 | 1  |

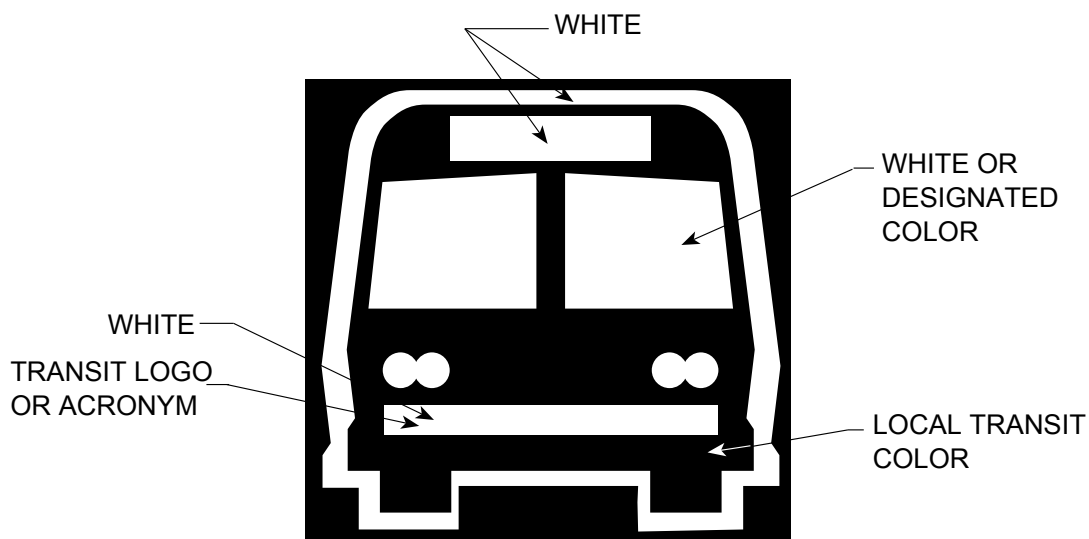
## COLORS

BLACK ON WHITE  
 WHITE (REFL.)  
 BLACK (NON-REFL.)



# APPENDIX D-31

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NOTE: FULL SIZE PRINTS ARE AVAILABLE FROM HEADQUARTERS TRAFFIC SECTION

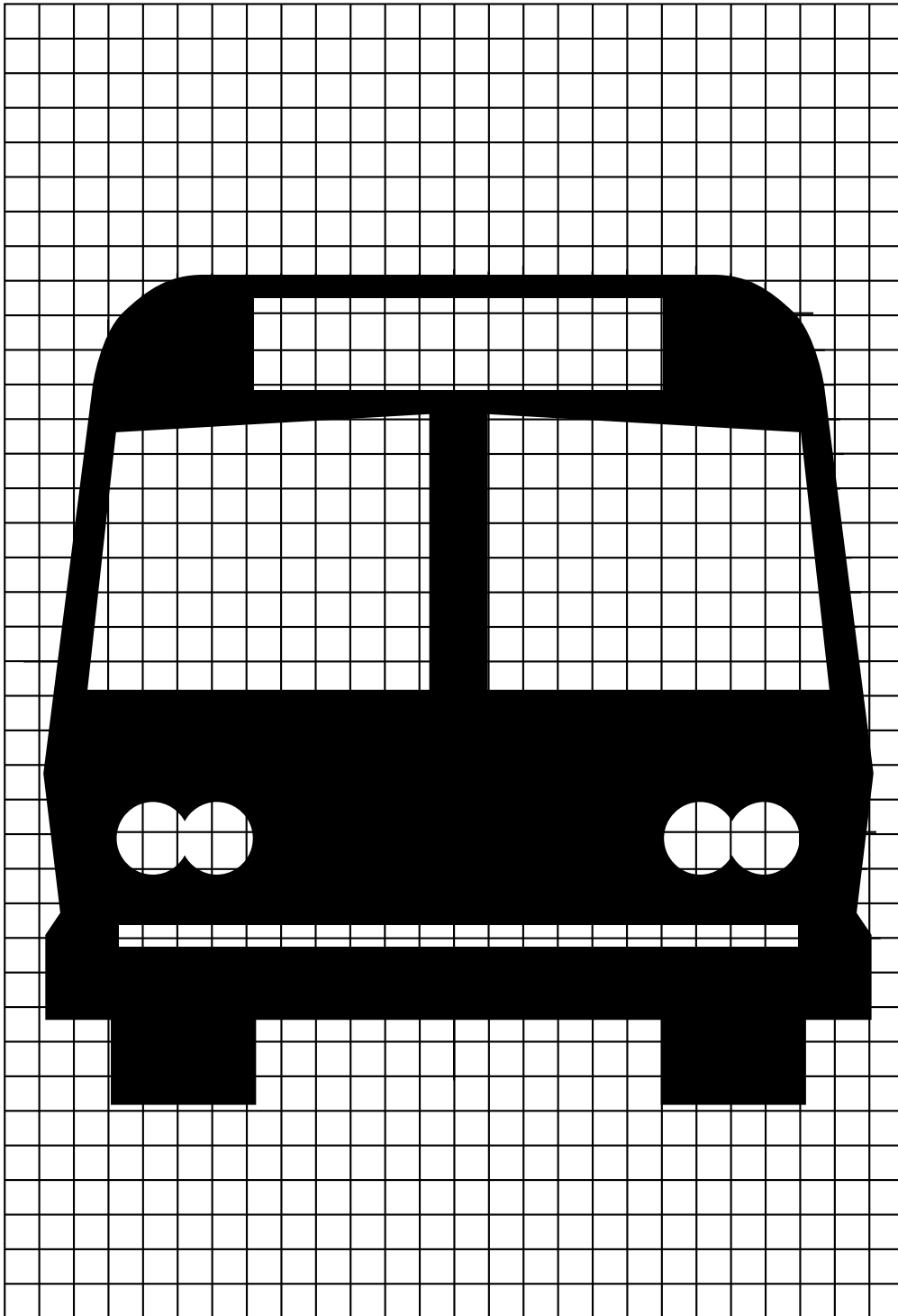
| SIG   | LOGO SIZE |     |
|-------|-----------|-----|
|       | CARPOO    | BU  |
| D4-2  | 237.5     | 300 |
| D4-3  | 112.5     | 150 |
| E13-1 | 237.5     | 300 |
| E13-2 | 350       | 450 |

| SIG   | LOGO SIZE |    |
|-------|-----------|----|
|       | CARPOO    | BU |
| D4-2  | 9 1/2     | 12 |
| D4-3  | 4 1/2     | 6  |
| E13-1 | 9 1/2     | 12 |
| E13-2 | 14        | 18 |

COLORS— PER LOCAL AGENCY

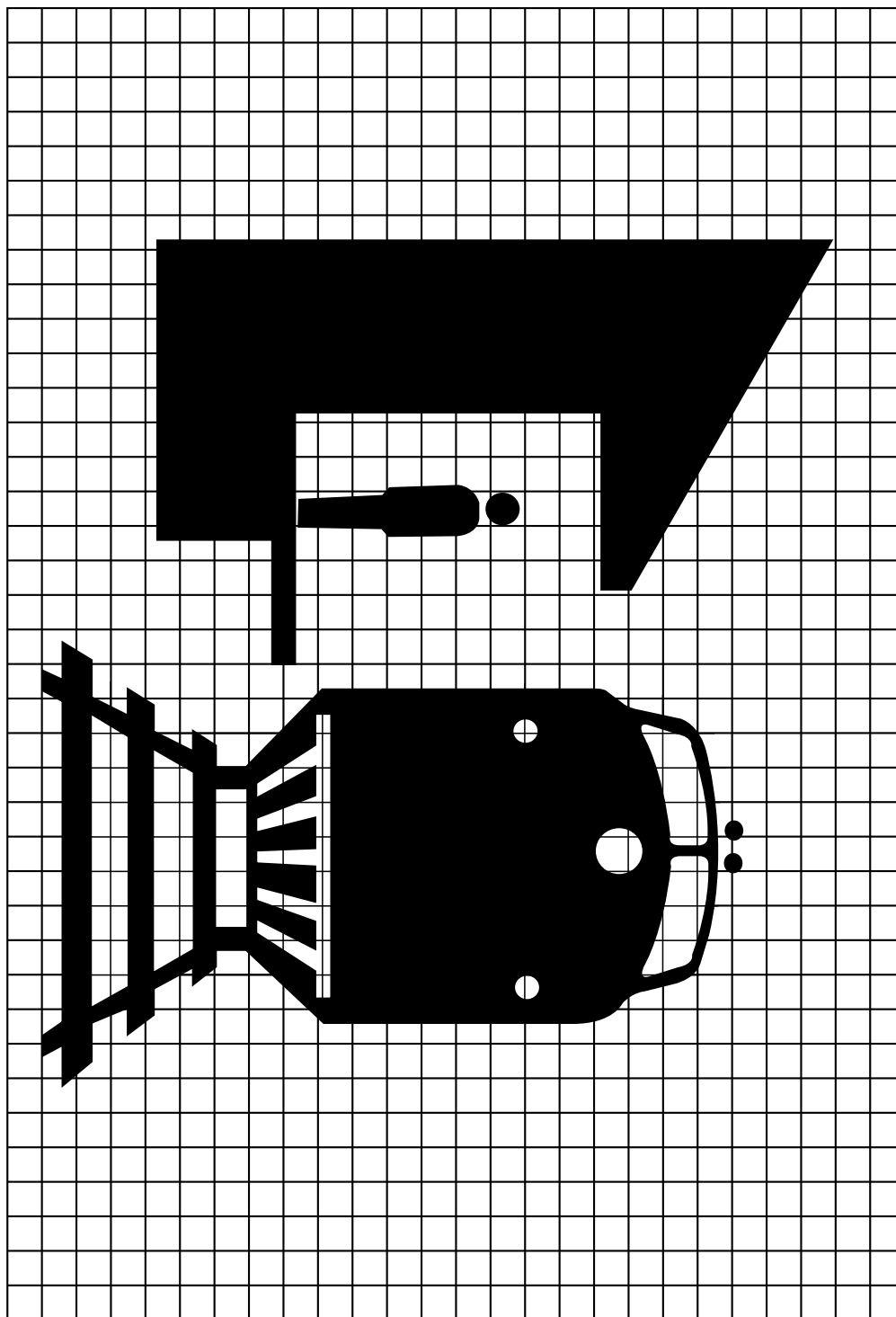
# APPENDIX D-32

10/97



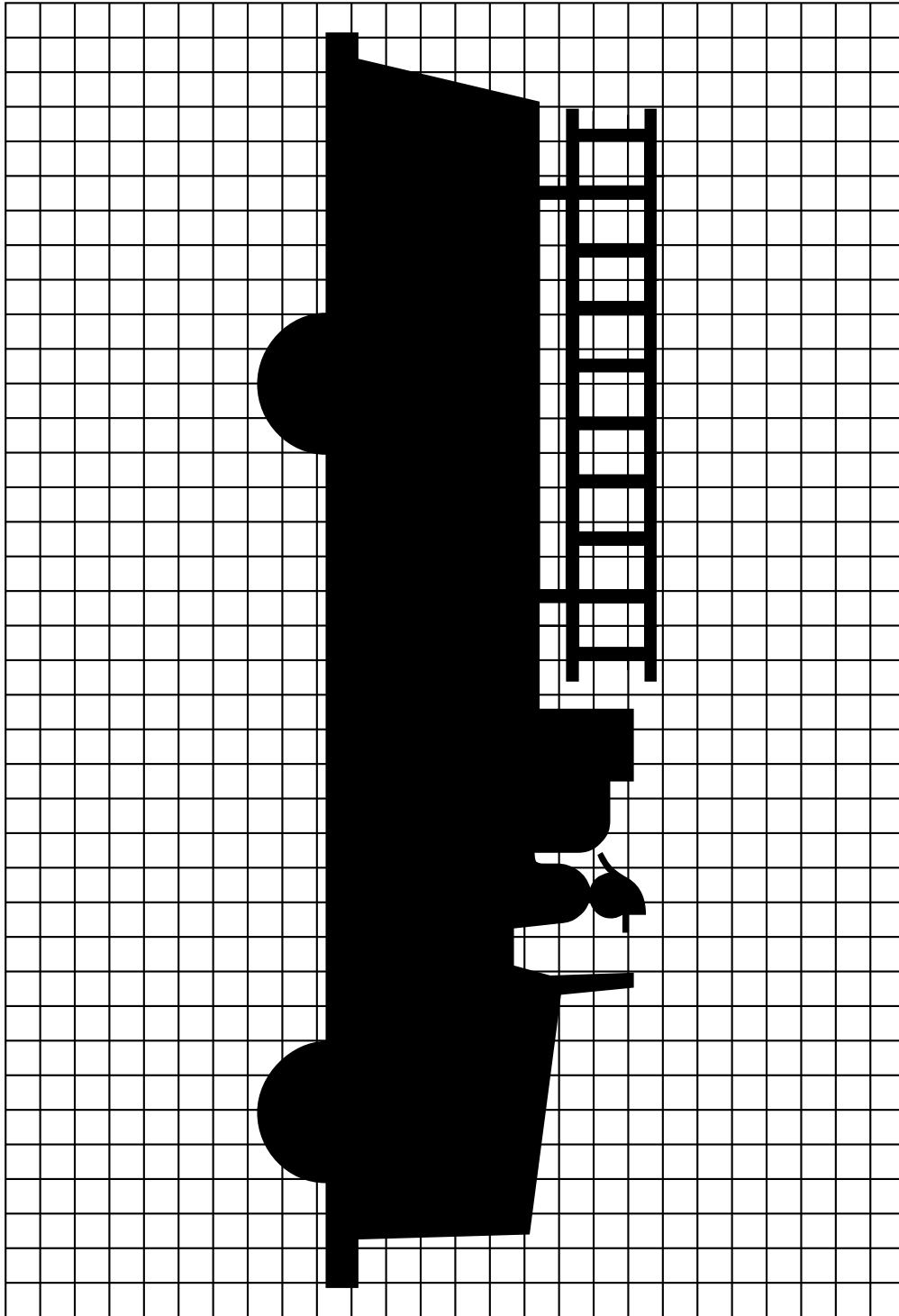
# APPENDIX D-33

10/97



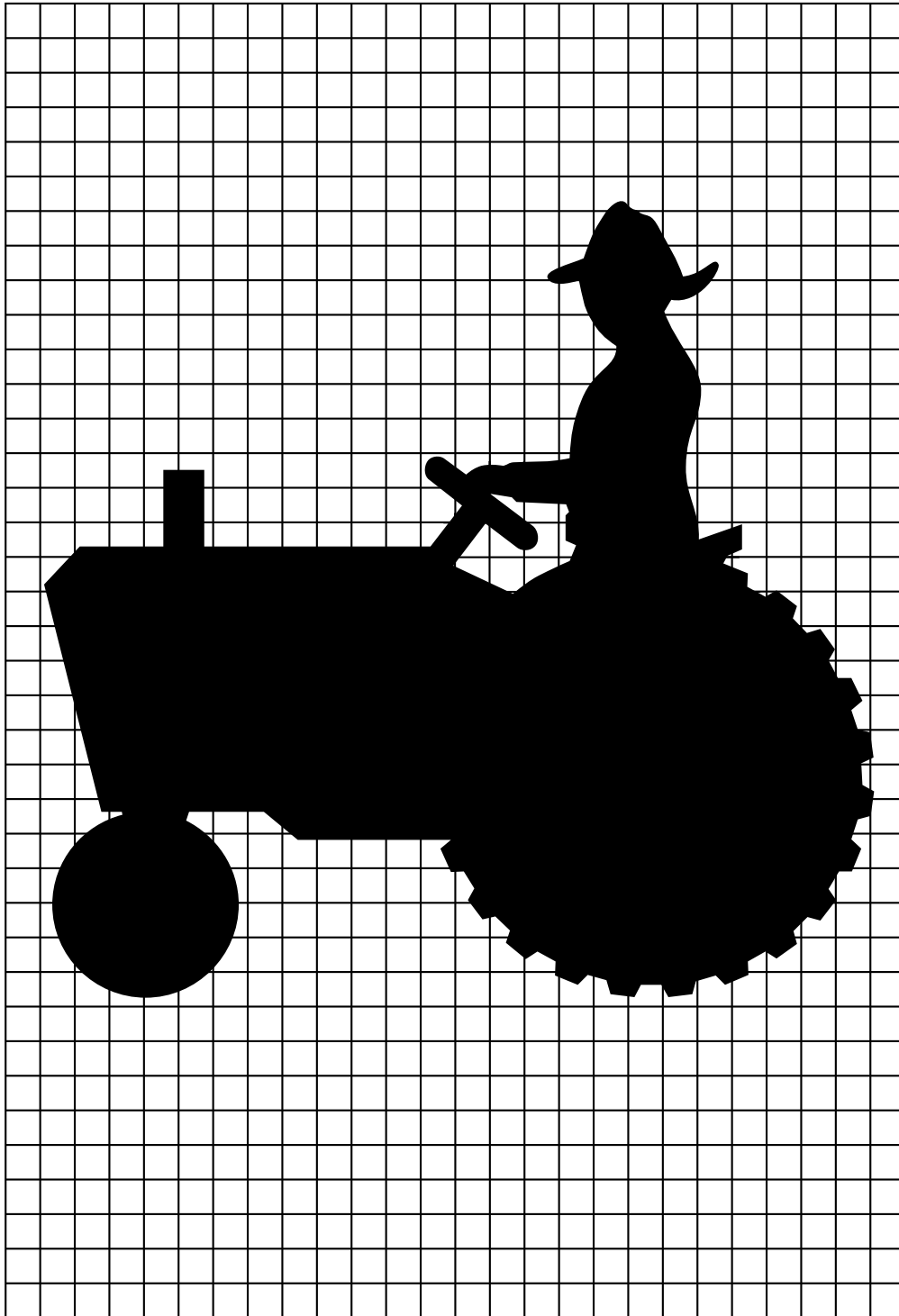
# APPENDIX D-34

10/97



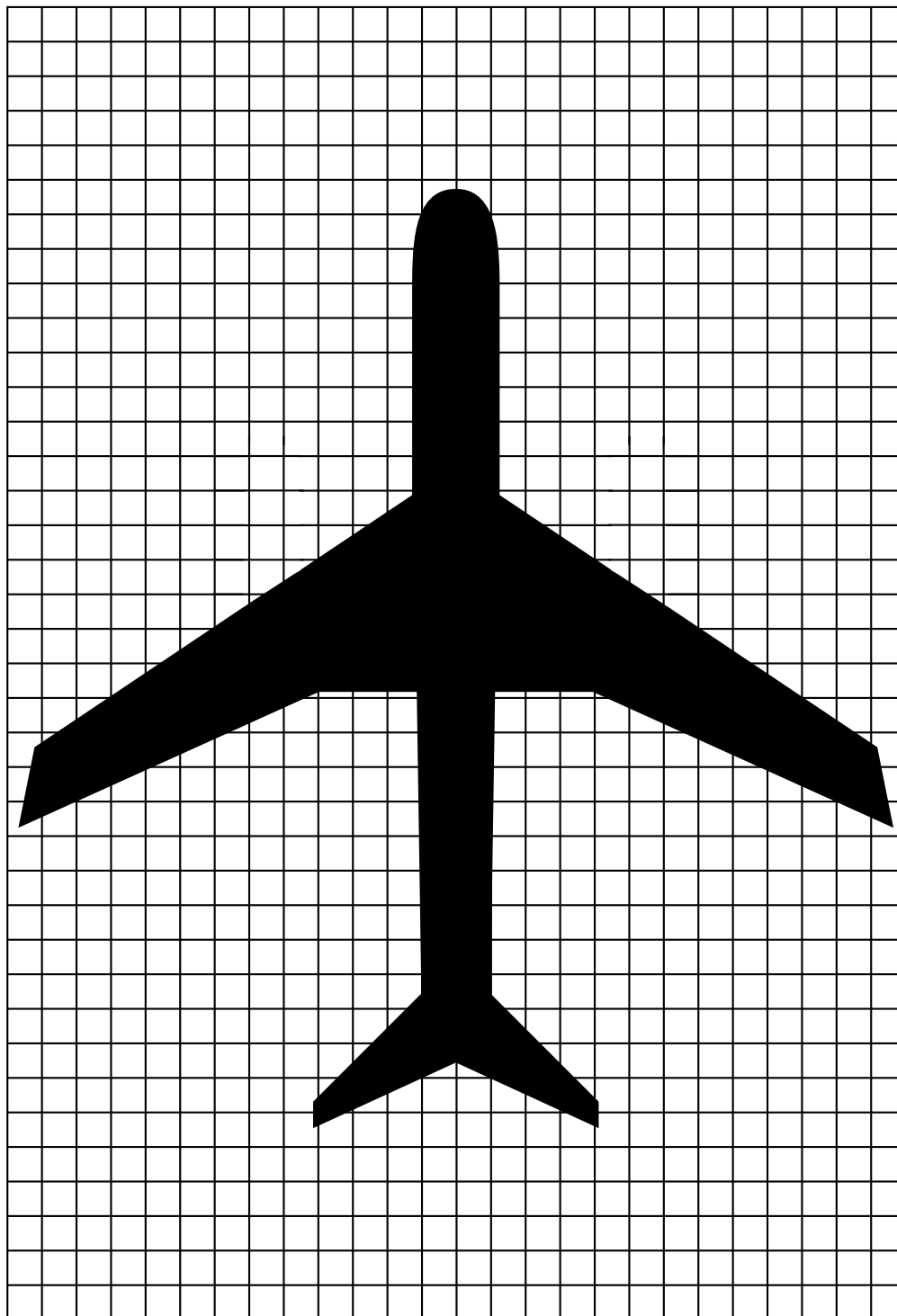
# APPENDIX D-35

10/97



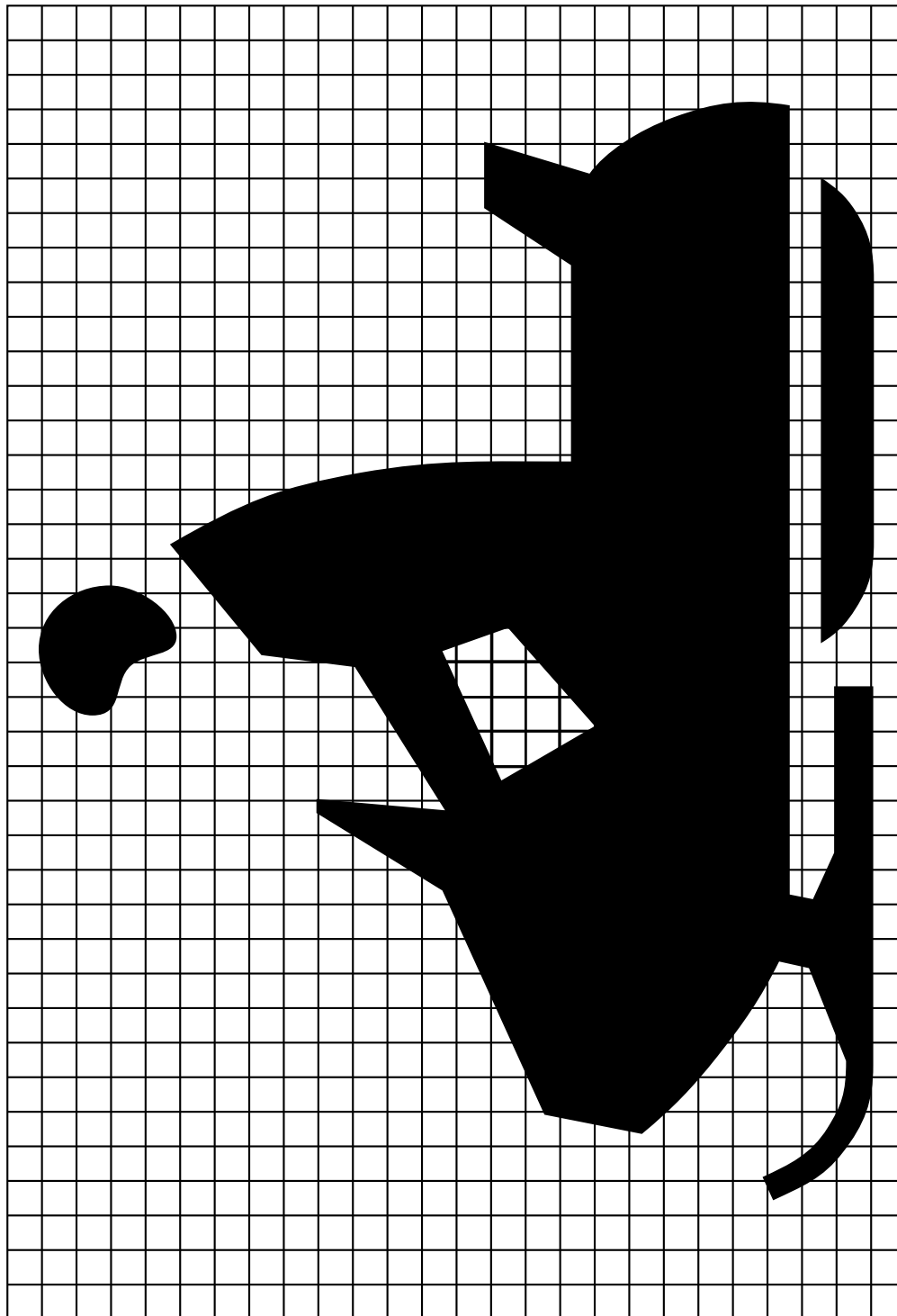
# APPENDIX D-36

10/97



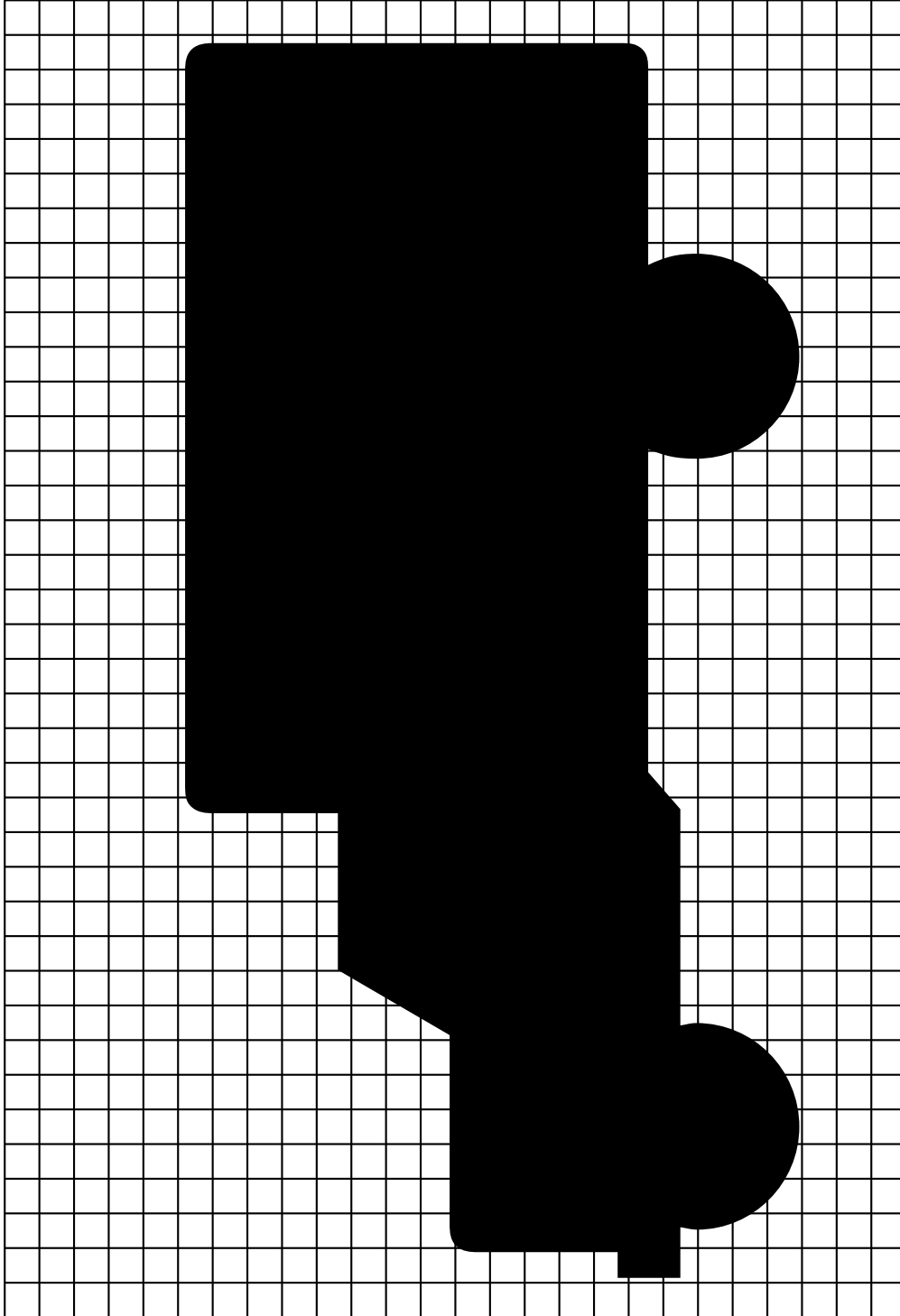
# APPENDIX D-37

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# APPENDIX D-38

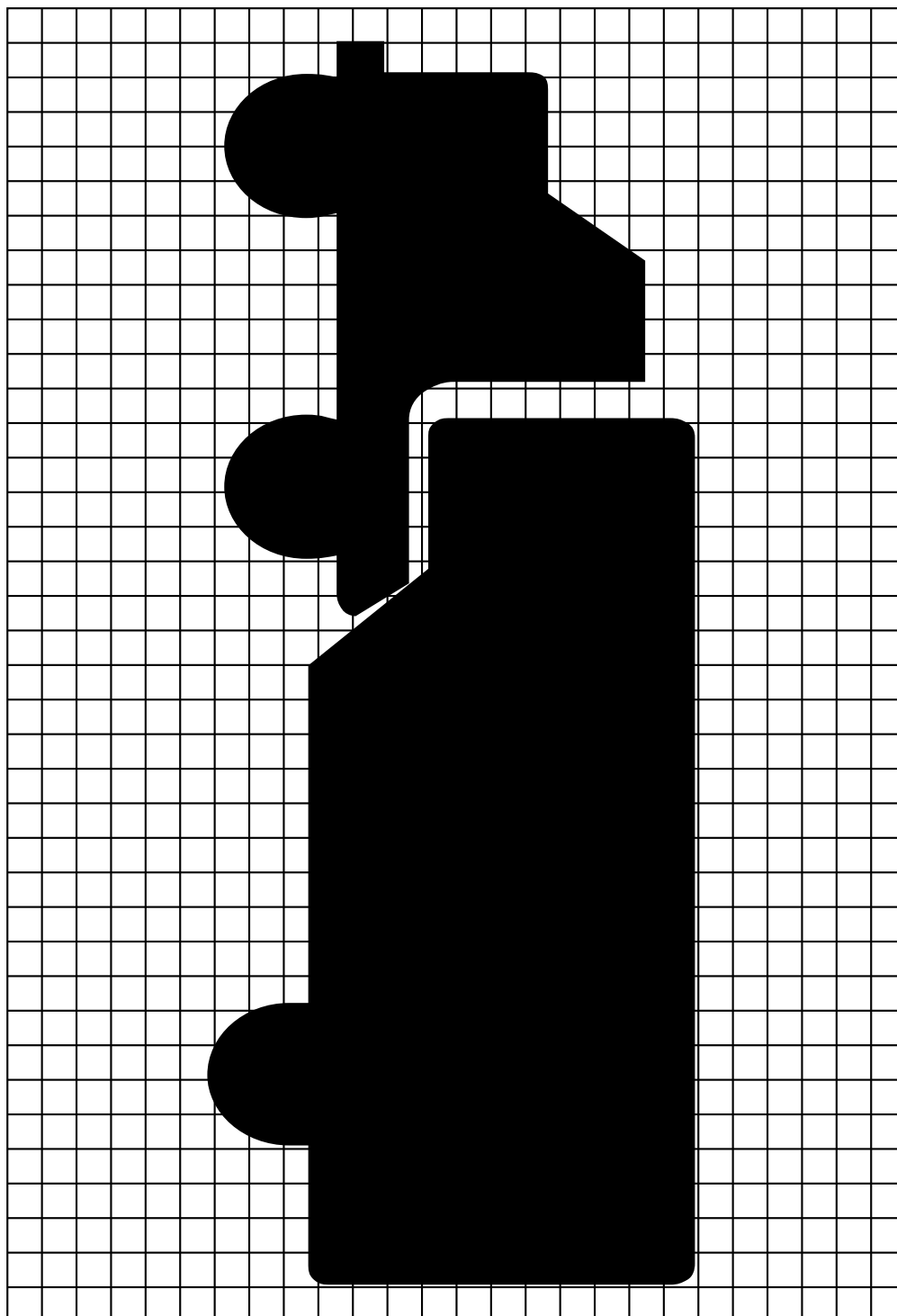
10/97





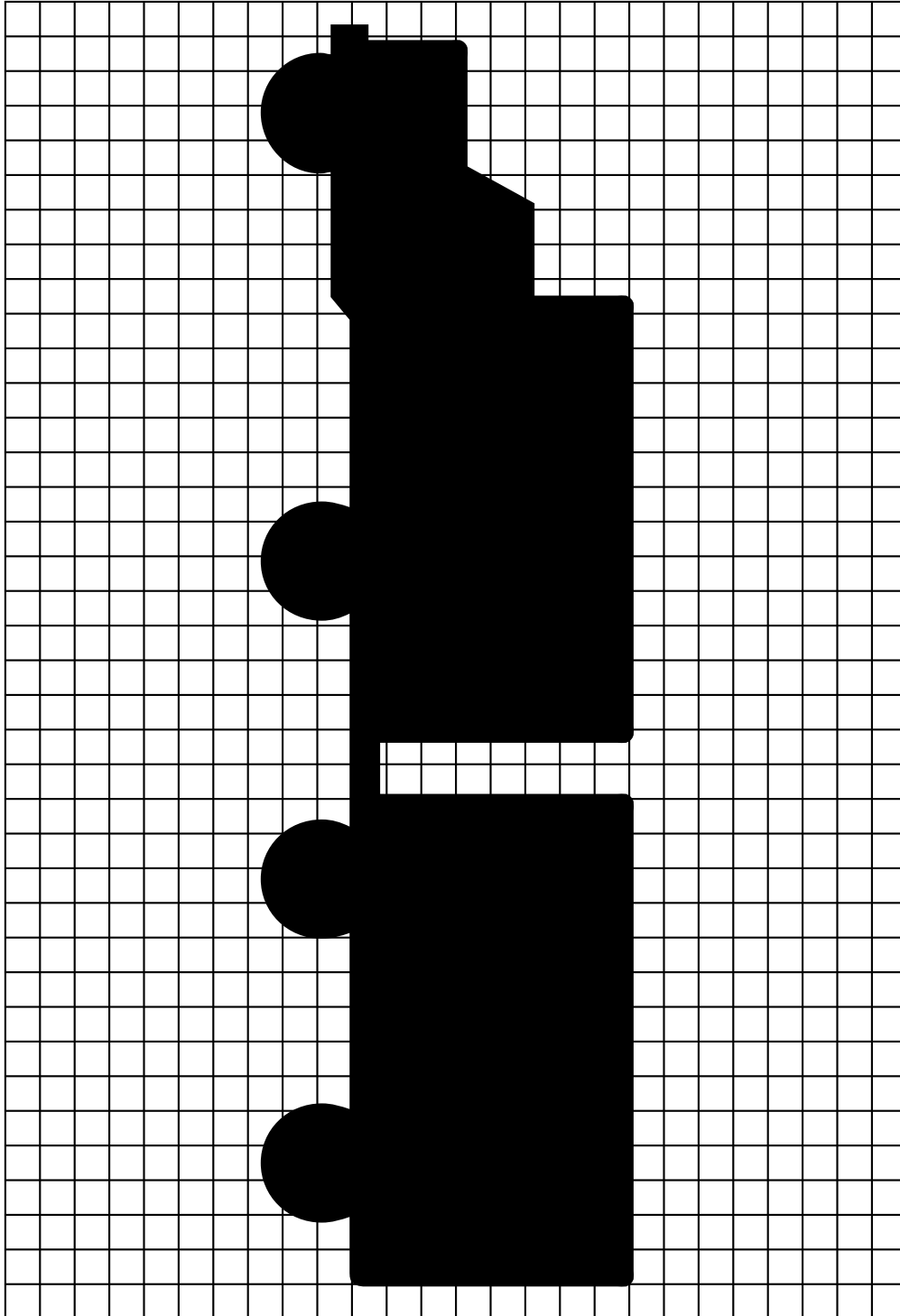
# APPENDIX D-39

10/97



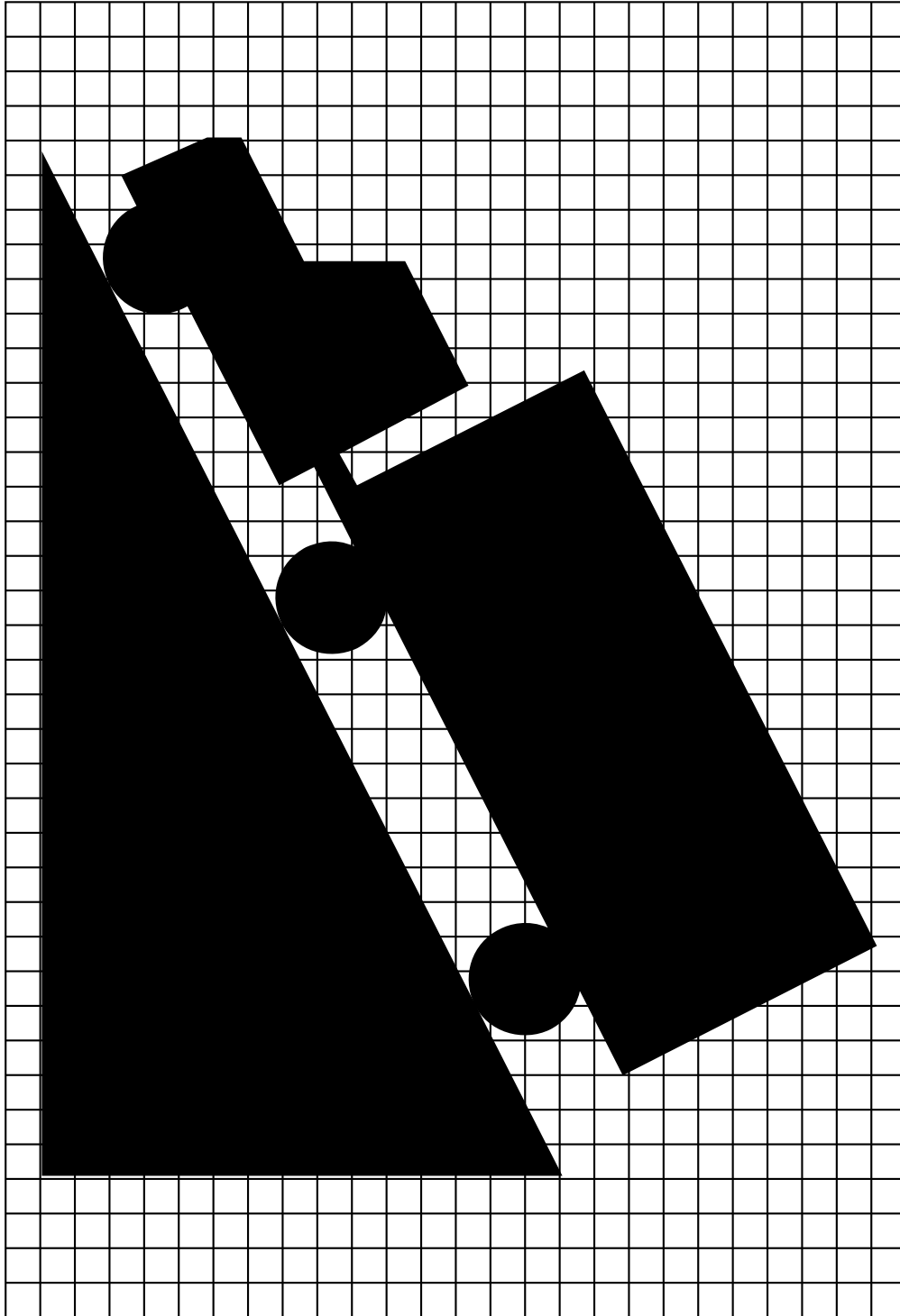
# APPENDIX D-40

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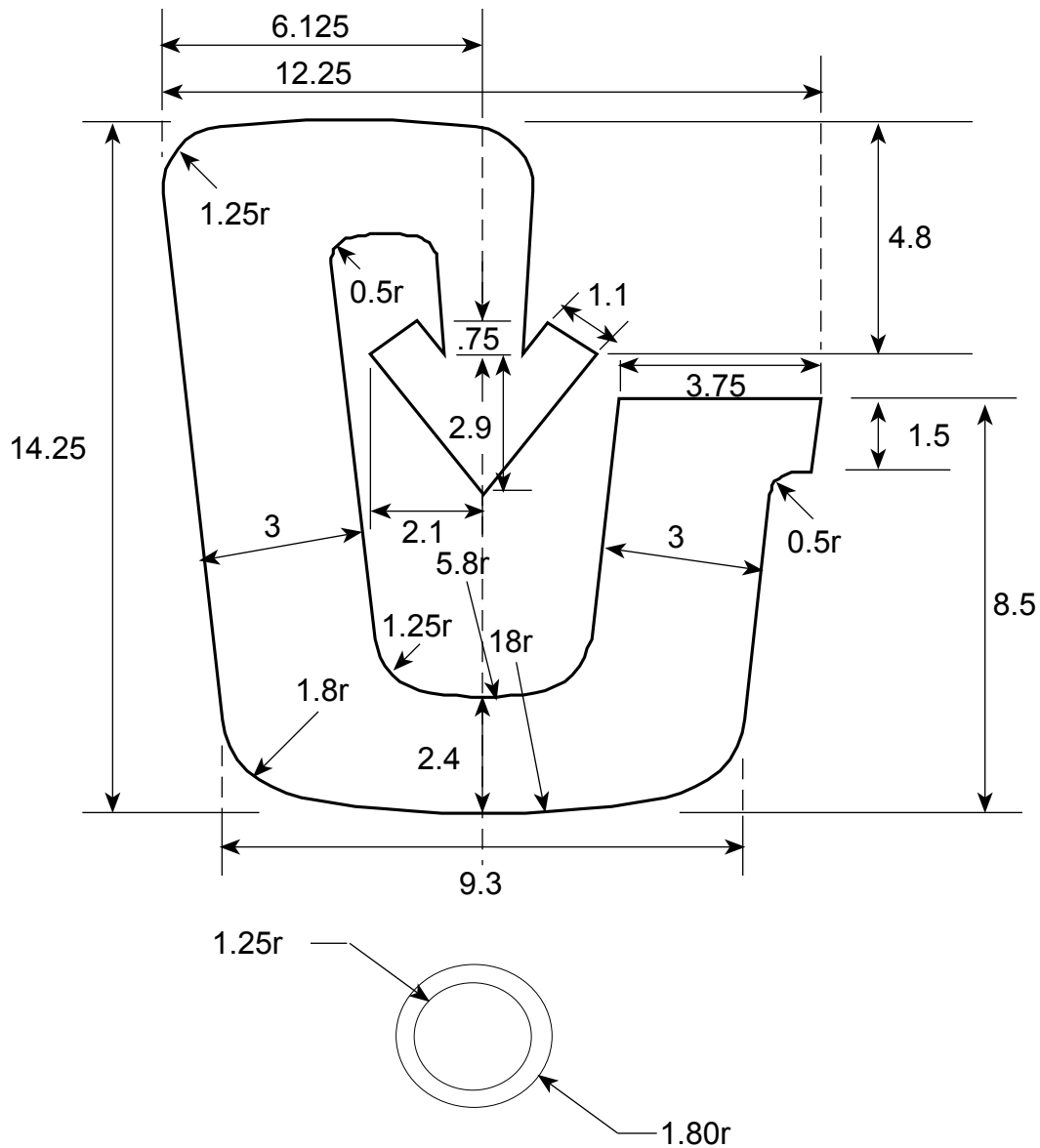
# APPENDIX D-41

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# APPENDIX D-42

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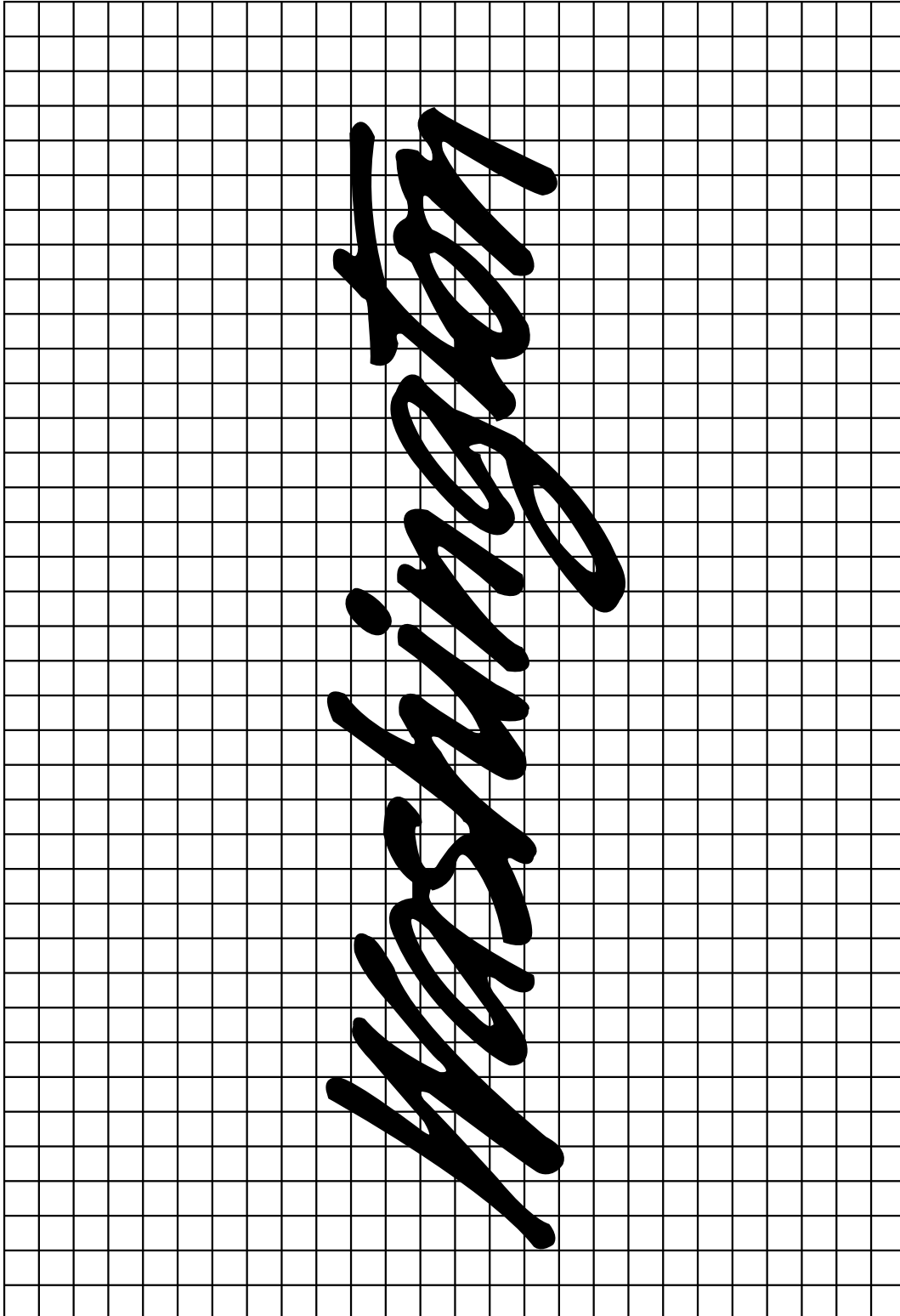


NOTE: MEASUREMENTS SHOWN IN DECIMAL INCHES

LITTER SYMBOL DETAILS  
(REFLECTORIZED BLUE)

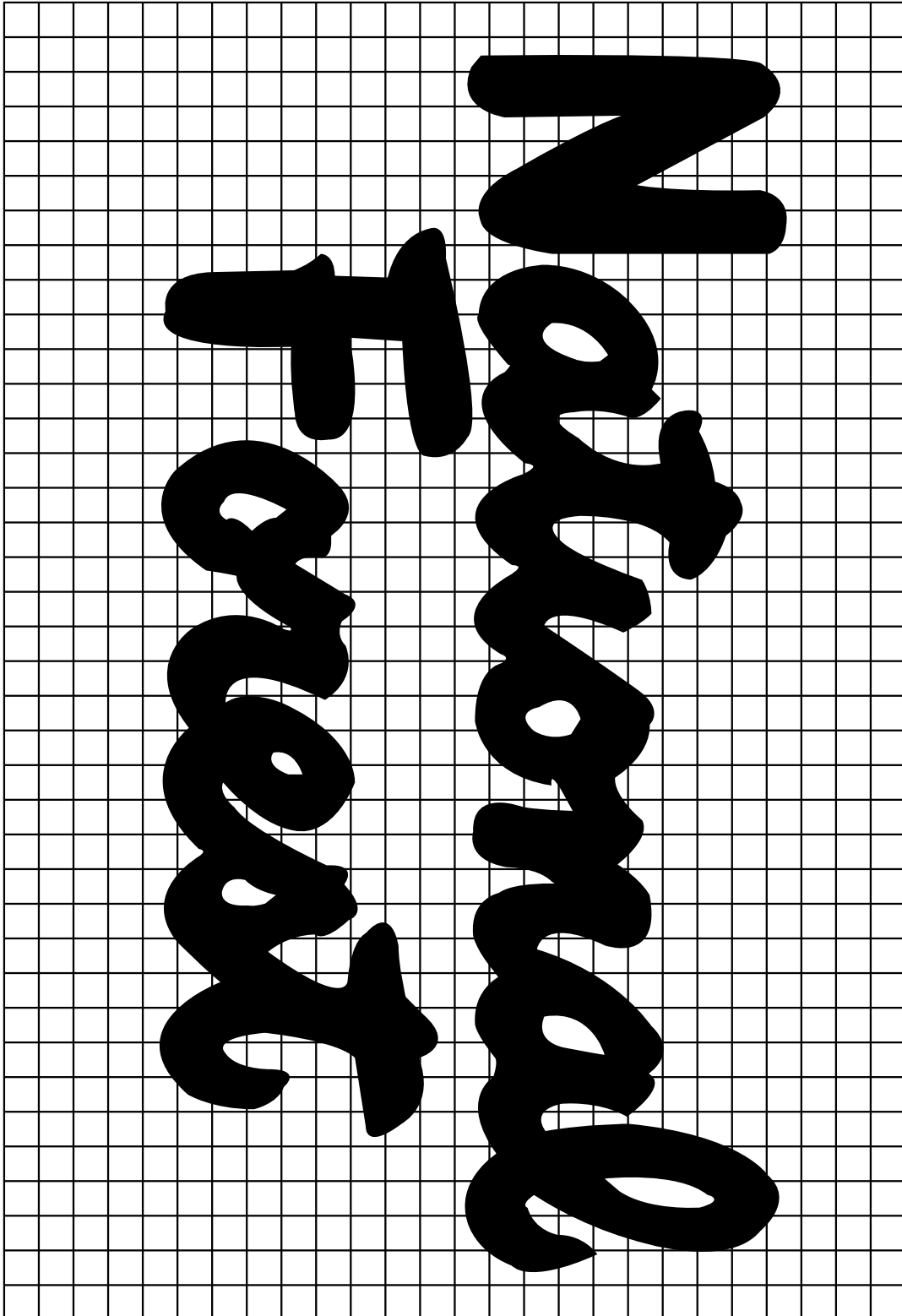
# APPENDIX D-43

10/97



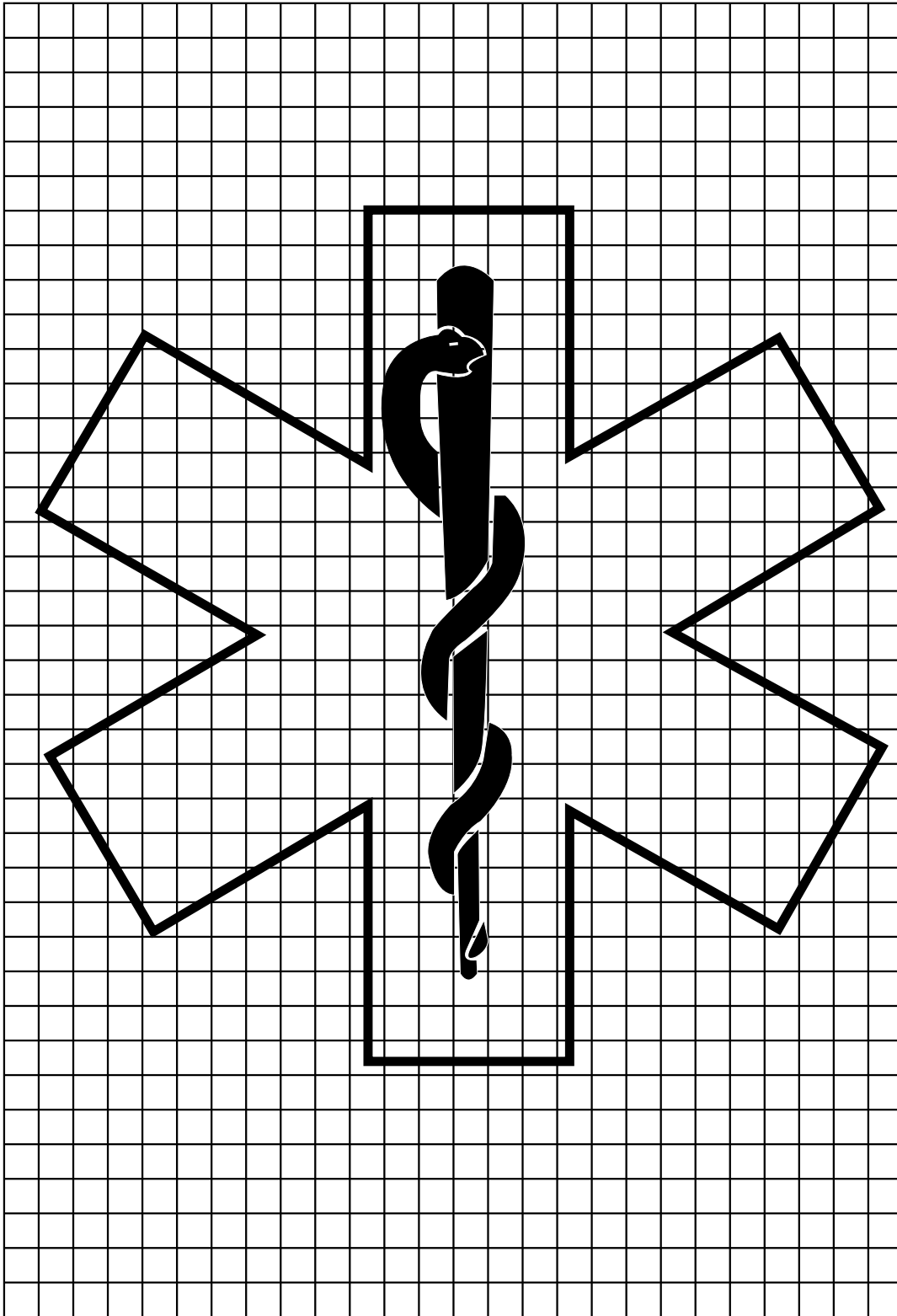
# APPENDIX D-44

10/97



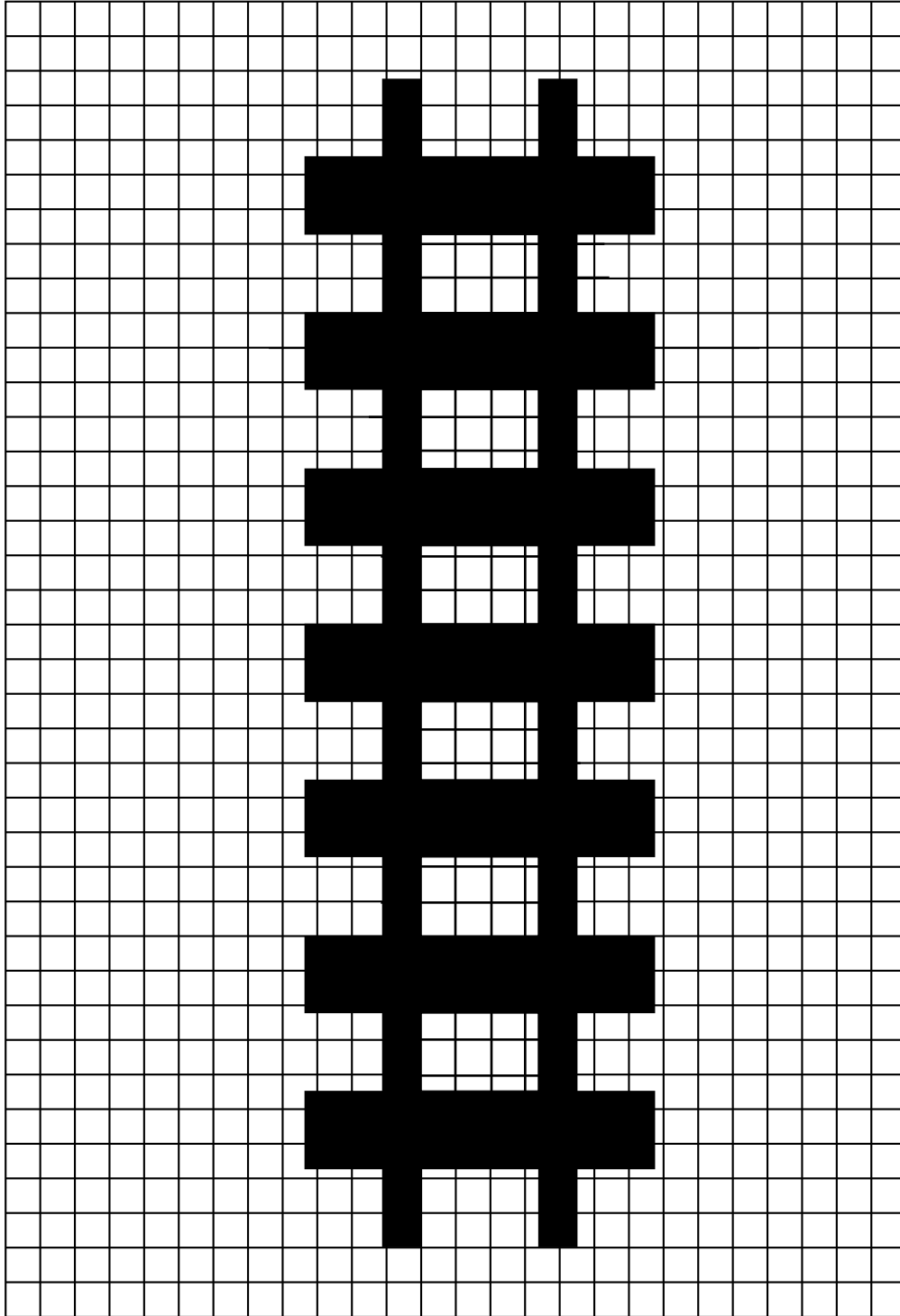
# APPENDIX D-45

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# APPENDIX D-46

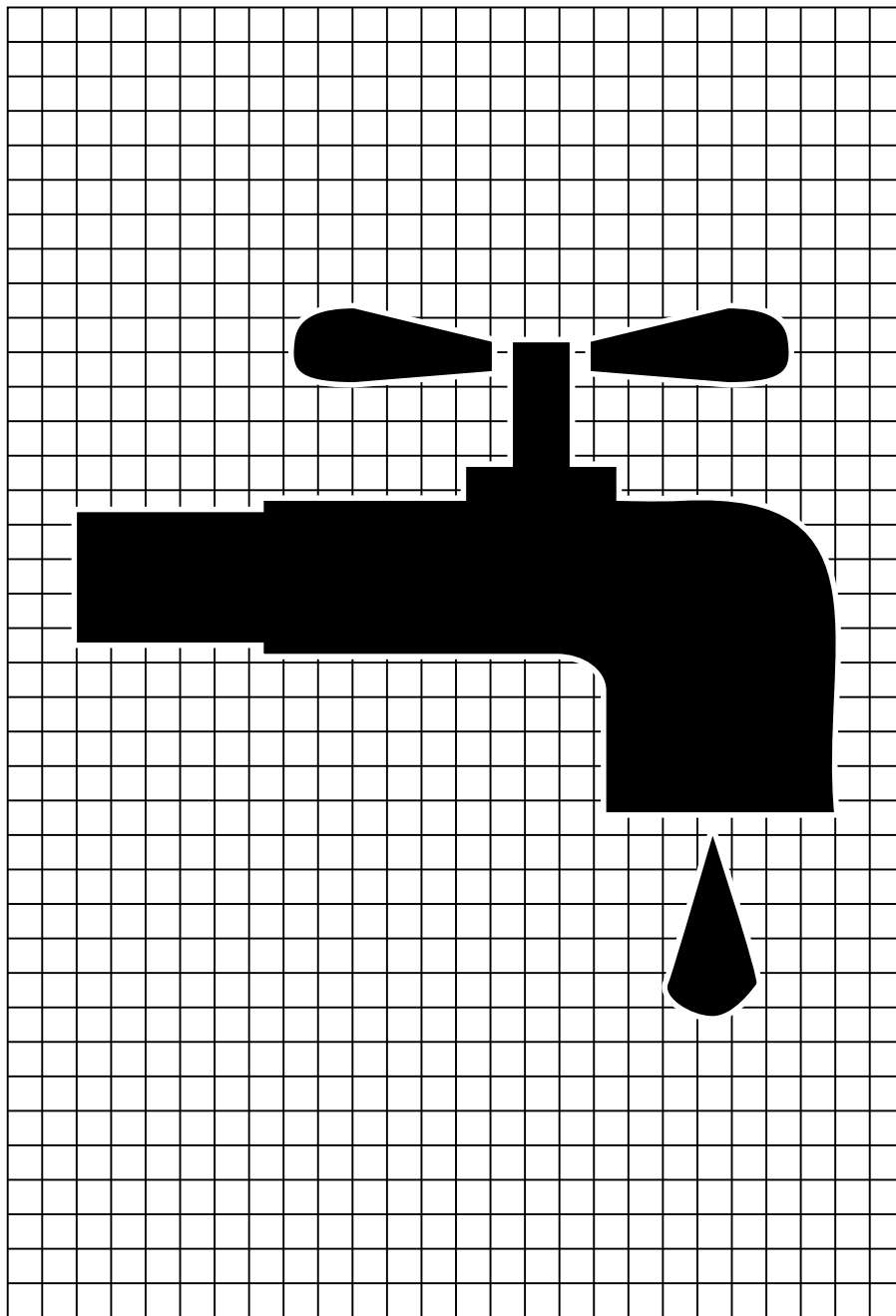
10/97





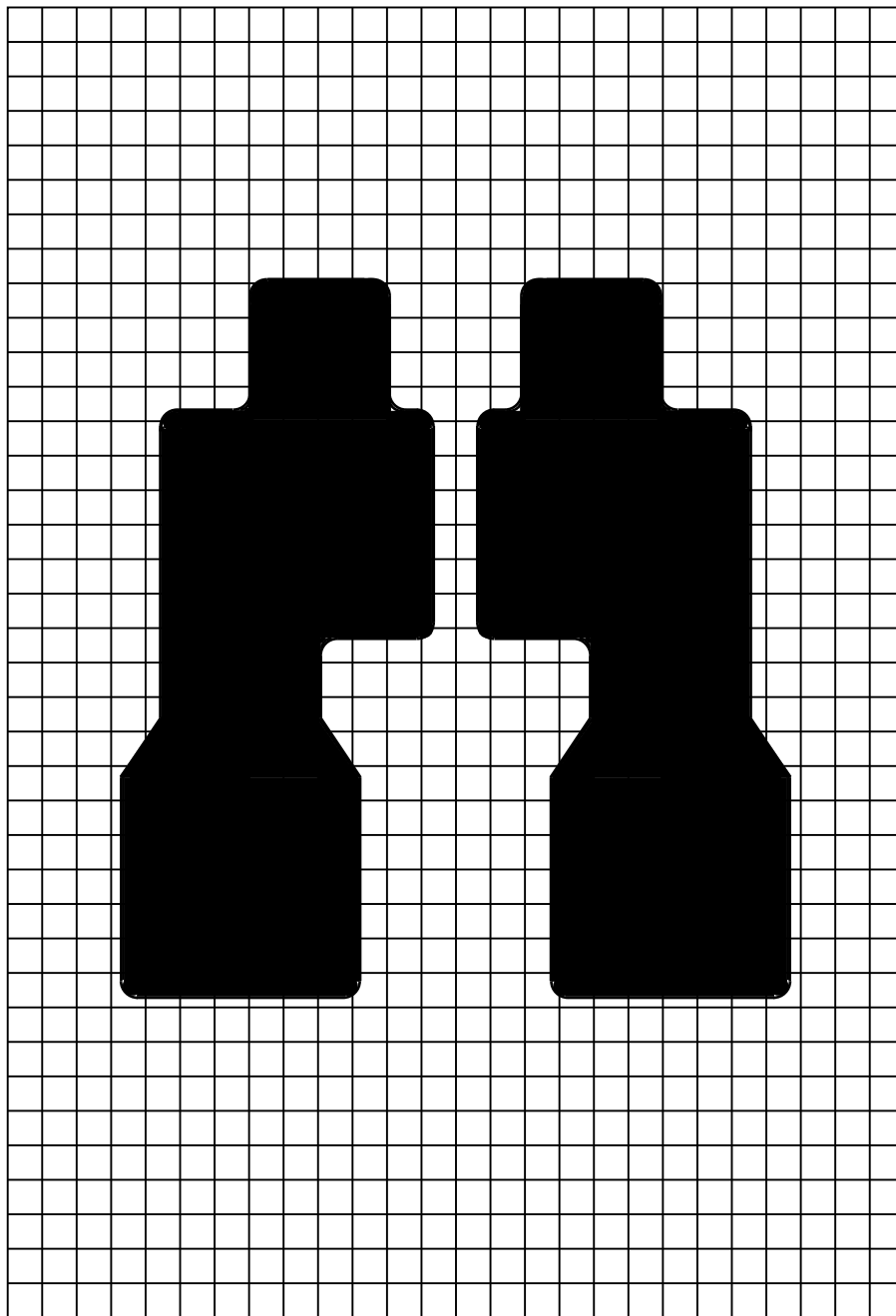
# APPENDIX D-47

10/97



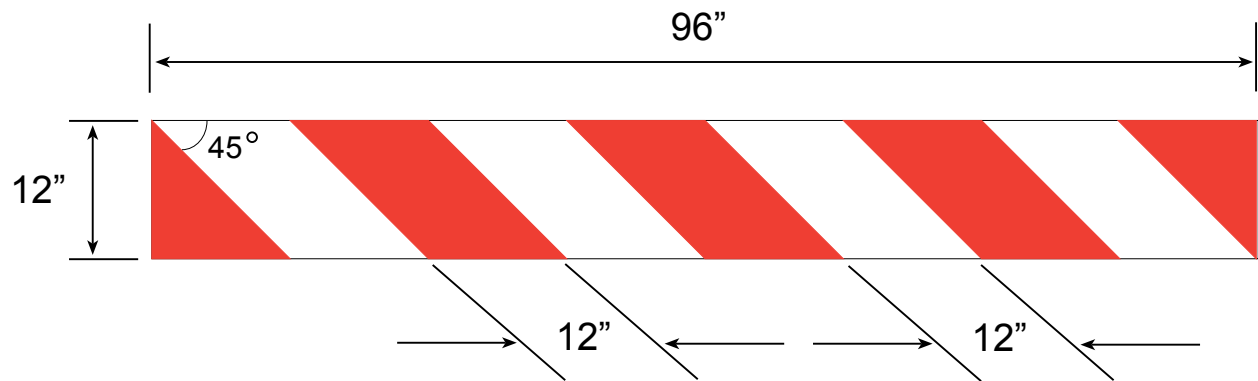
# APPENDIX D-48

10/03



# APPENDIX E-1

10/00



COLORS  
WHITE (REFL)  
RED (REFL)