

# Virginia Standard Highway Signs

2011 Edition



## PREFACE

The Virginia Department of Transportation (VDOT) has prepared detailed drawings of Virginia Standard Highway Signs, which have been approved by the State Traffic Engineer, and are prescribed or provided for in the Virginia Supplement to the 2009 Manual on Uniform Traffic Control Devices (MUTCD). These are for use by all traffic authorities, agencies, jurisdictions and persons involved with the fabrication, installation and maintenance of traffic signs on publicly-maintained streets and highways in the Commonwealth of Virginia, and are recommended for private roadways, as well. This Virginia Standard Highway Signs book is to be used as a *supplement* to the National Standard Highway Signs book.

These drawings are presented in English units. They are provided to promote uniformity in design throughout Virginia, and thereby enhance roadway safety and operations. As stated in the MUTCD, "Uniformity in design includes shape, color, dimensions, legends and retroreflection." All symbols shall be unmistakably similar to those shown and where a word message is applicable, the wording shall be as herein provided unless there is an option for alternative wording. Most standard symbols are oriented facing left; however, this does not preclude the use of mirror images of these symbols where the reverse orientation might better convey a direction of movement to vehicle operators. Standardization of these designs does not preclude minor changes in the proportion of the symbols, width of borders, or layout of word messages, but all shapes and colors shall be as indicated.

## CONFORMITY TO DIMENSIONS

The signs shall be fabricated in reasonable conformity to the dimensions in detailed drawing contained herein. Minor adjustments to the dimensions shown on the detailed drawings on a sign face will be permitted to achieve design accuracy and accommodate reasonable fabrication tolerances. Small variations in letter height, letter stroke width, letter spacing and interline spacing between lines of legend are expected as reasonable tolerances in the sign fabrication process. These variations shall not affect the legibility of the sign. Placement of the sign legend on the sign face in reasonable conformity to the sign details will provide the design legibility for the sign.

An attempt has been made to provide uniformity of specific design details between two or more different types of signs having approximately the same sizes. Additionally, details for arrows and other items have been standardized as much as possible to facilitate fabrication of the signs and for national uniformity.

For word messages, only the overall length and placement of the characters are shown. Only the Standard Alphabet spacing charts may be used to determine overall length (except where Clearview font is utilized, specifically on all positive contrast signs). The spacing between individual character combinations can be adjusted visually to attain the most satisfying balance.

For symbol messages, the overall height and width of the symbol and its placement on the sign is shown. All symbols and symbol drawings are contained in the Appendix or in

the National Standard Highway Signs appendix. Any symbol may be enlarged if done proportionally. The grid is provided as a reference to ensure the proportional relationship(s) remain correct.

## SIGN SIZE

Sign size tables are provided for each sign in this publication. To assist in selecting the appropriate size of sign, sign size tables are available in Part 2 of the Virginia Supplement to the 2009 MUTCD.

The decision to use the most appropriate sign size is the responsibility of the designer or transportation agency or engineer having authority over the traffic facility. Larger traffic signs may be used to improve conspicuity and legibility.

## CHANGES IN EARLIER SIGN STANDARDS

In publishing this sign manual, VDOT reviewed all signs that have been previously approved for use. As a result of the review, signs may have been revised or eliminated, and new signs have also been added. The majority of eliminated signs are now provided for in the most recent 2009 Edition of the MUTCD. Revisions to existing signs range from minor changes to complete replacement of sign details.

## FUTURE REVISIONS

VDOT will periodically post revisions to this book on the VDOT website and notification will

not be provided, therefore use of the on-line electronic publication is recommended.

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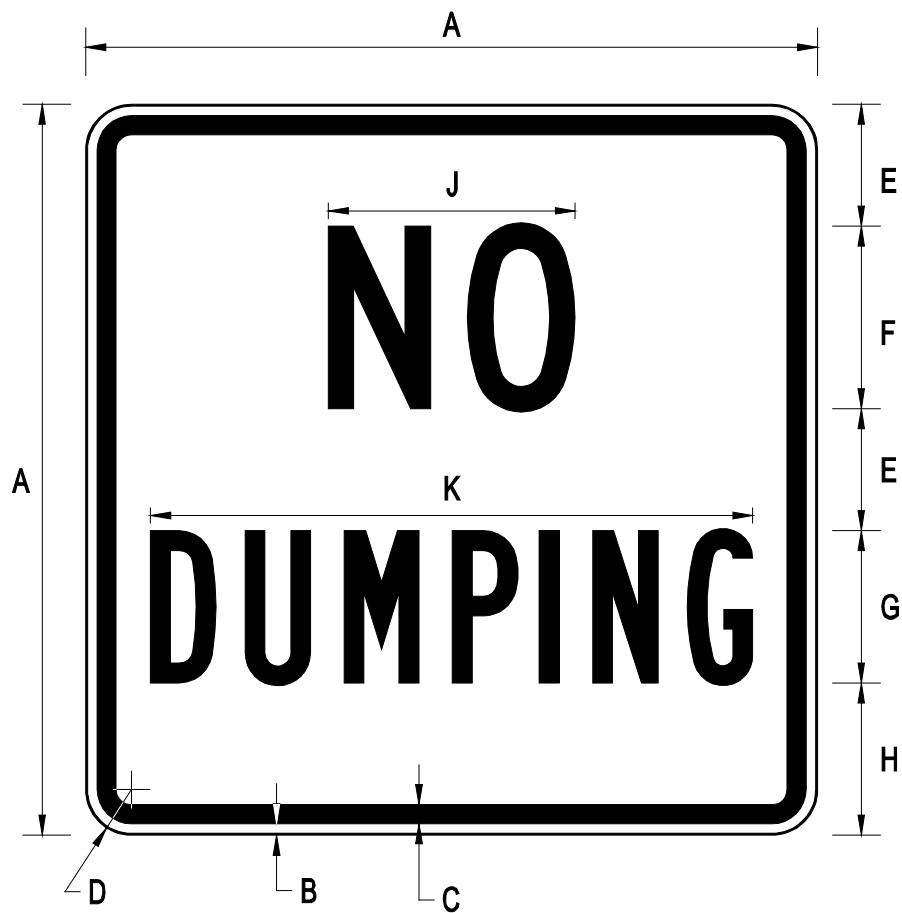
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R0-V1

NO DUMPING

| A  | B     | C     | D   | E | F   | G   | H | J   | K    |
|----|-------|-------|-----|---|-----|-----|---|-----|------|
| 24 | 0.375 | 0.625 | 1.5 | 4 | 6 C | 5 B | 5 | 8.1 | 19.8 |

COLORS:    LEGEND    — BLACK  
               BACKGROUND    — WHITE    (RETROREFLECTIVE)



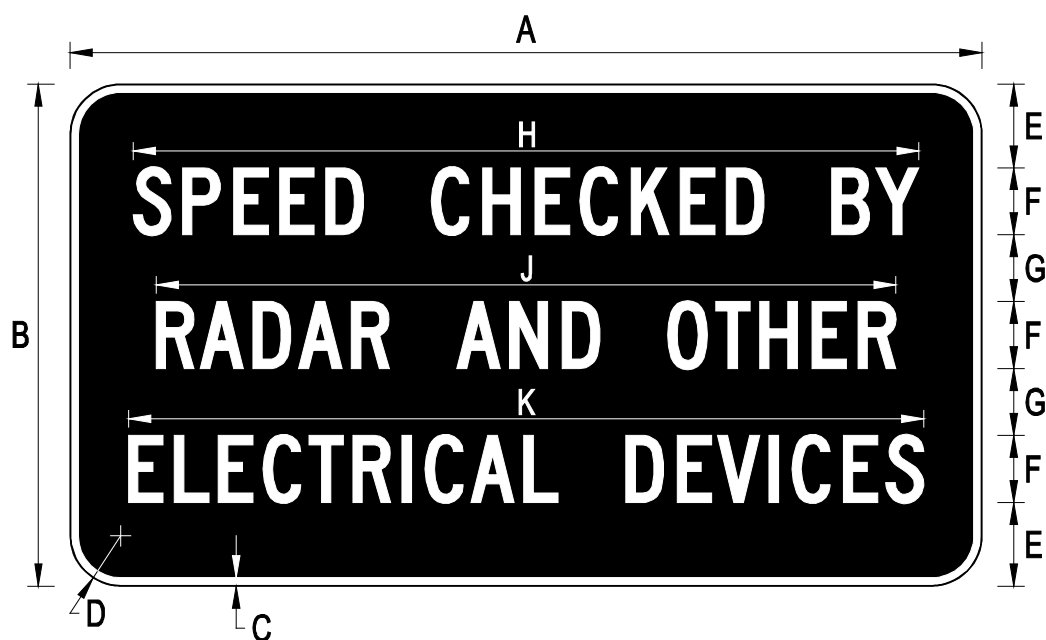
R0-V2  
LITTERING IS ILLEGAL

| A  | B     | C     | D     | E    | F   | G    | H  | J    | K    | L    | M    |
|----|-------|-------|-------|------|-----|------|----|------|------|------|------|
| 30 | 0.5   | 0.75  | 1.875 | 2.25 | 4 C | 1.25 | 15 | 21   | 24.6 | 1.25 | 6.25 |
| 36 | 0.625 | 0.875 | 2.25  | 2.5  | 5 C | 1.5  | 18 | 26.2 | 30   | 1.5  | 7.5  |
| 48 | 0.75  | 1.25  | 3     | 3.5  | 6 C | 2.5  | 24 | 31.4 | 37   | 2    | 10   |

| N   | P    |
|-----|------|
| 7.5 | 6.25 |
| 9   | 7.5  |
| 12  | 10   |

See Appendix for litter image detail.

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

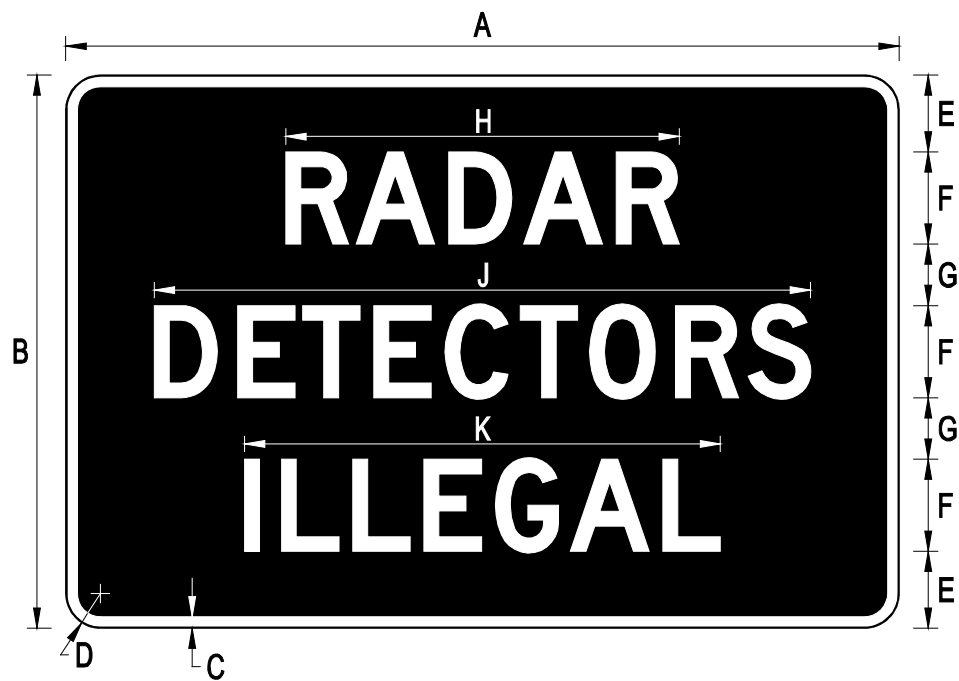


## R0-V3

## SPEED CHECKED BY RADAR AND OTHER ELECTRICAL DEVICES

| A   | B  | C    | D     | E   | F   | G   | H     | J     | K     |
|-----|----|------|-------|-----|-----|-----|-------|-------|-------|
| 54  | 30 | 0.75 | 1.875 | 5   | 4 C | 4   | 46.5  | 43.8  | 47.1  |
| 96  | 42 | 1    | 3     | 6.5 | 6 D | 5.5 | 80.3  | 77.1  | 82.6  |
| 126 | 54 | 1    | 3     | 8   | 8 D | 7   | 107.1 | 102.8 | 110.1 |

COLORS:   LEGEND           — WHITE           (RETROREFLECTIVE)  
               BACKGROUND   — BLACK

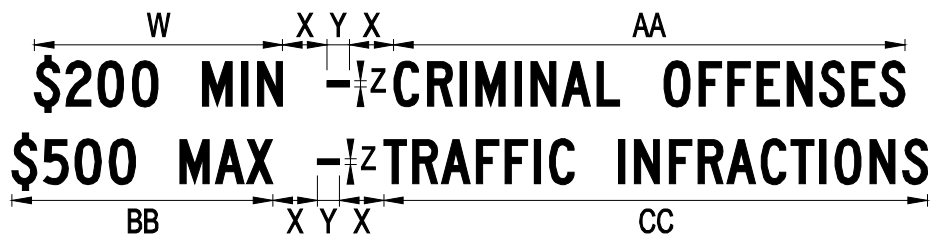
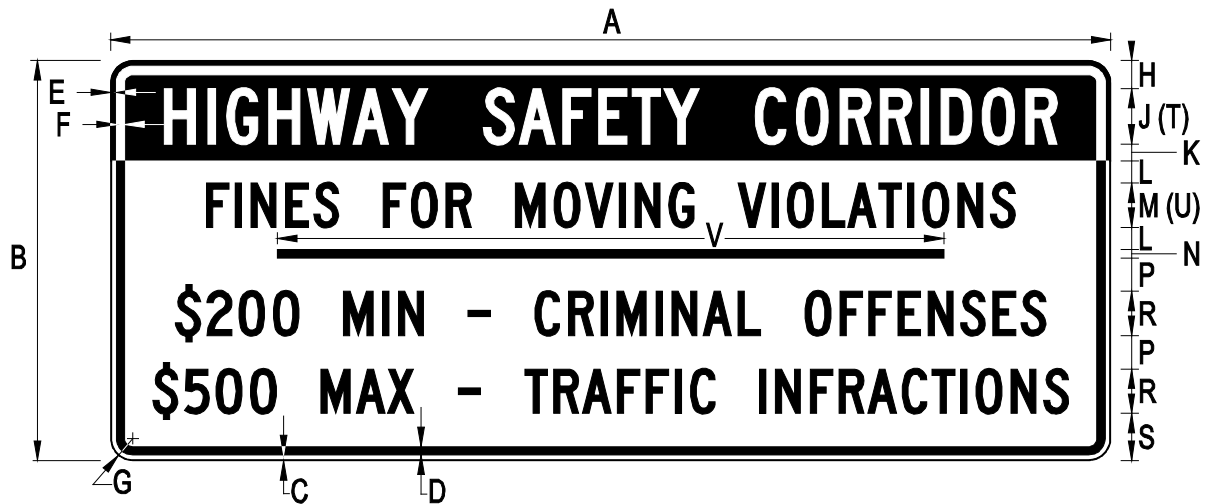


R0-V4

RADAR DETECTORS ILLEGAL

| A  | B  | C    | D    | E | F   | G | H    | J    | K    |
|----|----|------|------|---|-----|---|------|------|------|
| 54 | 36 | 0.75 | 2.25 | 5 | 6 D | 4 | 25.5 | 42.5 | 30.8 |
| 72 | 48 | 1    | 3    | 6 | 8 D | 6 | 34   | 56.7 | 41.1 |

COLORS:    LEGEND            — WHITE            (RETROREFLECTIVE)  
                  BACKGROUND    — BLACK



R0-V5

## HIGHWAY SAFETY CORRIDOR FINES

| A   | B  | C    | D    | E    | F    | G | H | J    | K | L | M   |
|-----|----|------|------|------|------|---|---|------|---|---|-----|
| 120 | 48 | 0.75 | 1.25 | 0.75 | 1.25 | 3 | 4 | 6 C  | 2 | 3 | 5 C |
| 180 | 72 | 1    | 1.5  | 1    | 1.5  | 4 | 5 | 10 C | 3 | 4 | 8 C |

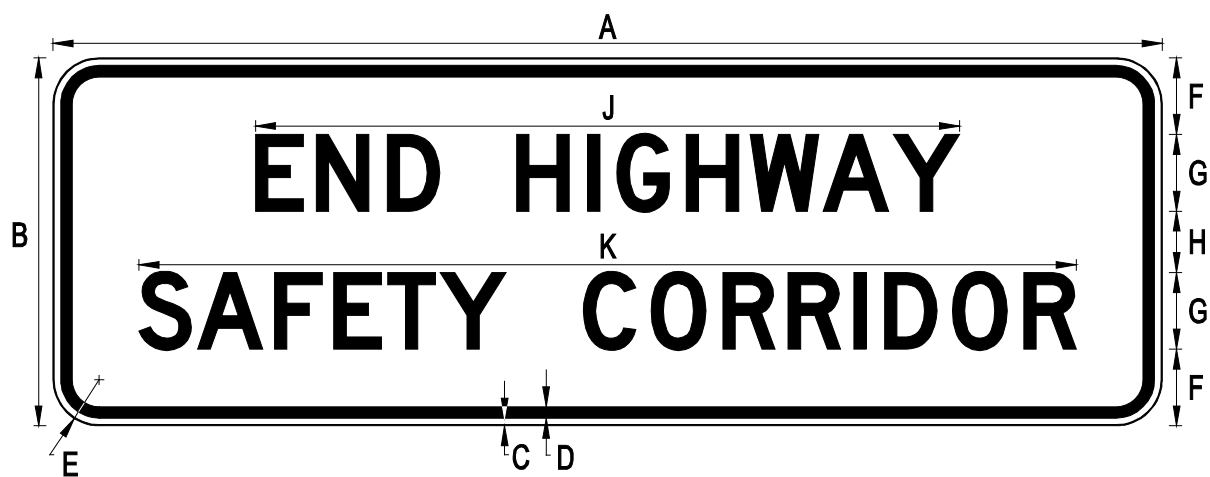
| N    | P | R   | S    | T     | U     | V   | W    | X | Y   | Z      | AA   |
|------|---|-----|------|-------|-------|-----|------|---|-----|--------|------|
| 1.25 | 4 | 5 C | 5.75 | 96.4  | 91    | 80  | 27.9 | 5 | 2.5 | 0.9375 | 57.5 |
| 1.5  | 6 | 8 C | 8.5  | 160.7 | 145.6 | 120 | 44.6 | 8 | 4   | 1.125  | 92   |

| BB   | CC   |
|------|------|
| 29.4 | 61.1 |
| 47   | 97.8 |

( ) Denotes line length.

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

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

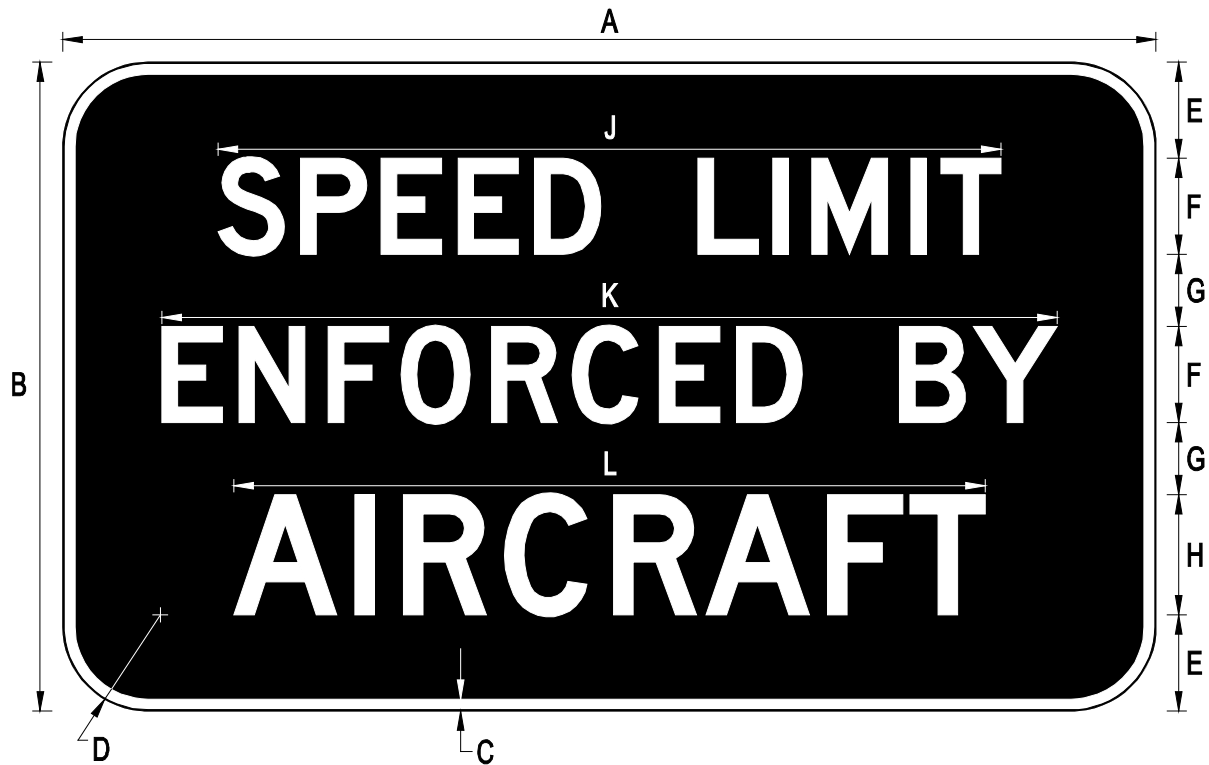


R0-V6

END HIGHWAY SAFETY CORRIDOR

| A   | B  | C     | D     | E   | F  | G    | H | J    | K     |
|-----|----|-------|-------|-----|----|------|---|------|-------|
| 72  | 24 | 0.375 | 0.625 | 1.5 | 5  | 5 D  | 4 | 45.7 | 60.9  |
| 144 | 48 | 0.75  | 1.25  | 3   | 10 | 10 D | 8 | 91.4 | 121.7 |

COLORS:    LEGEND            — BLACK  
                  BACKGROUND    — WHITE            (RETROREFLECTIVE)

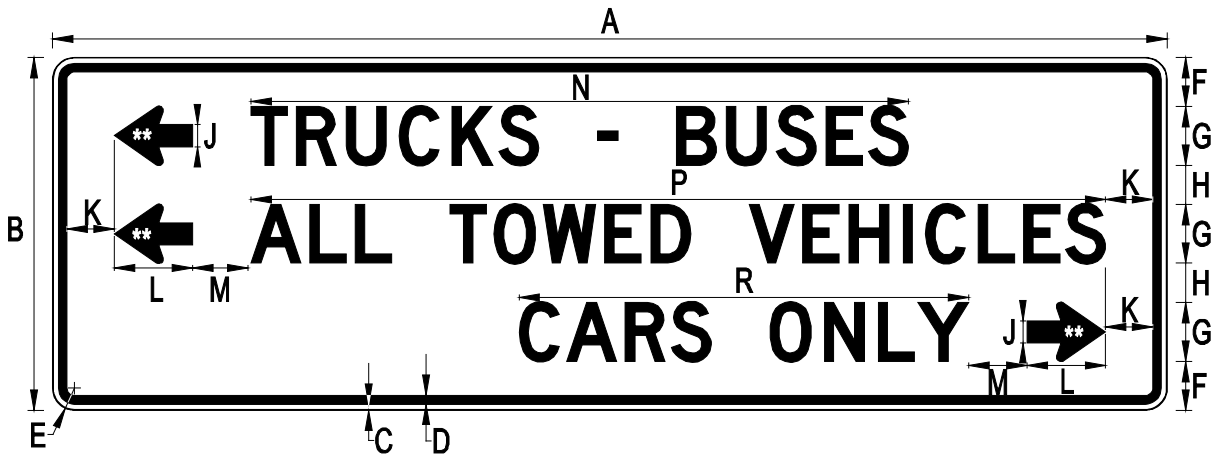


R0-V7

SPEED LIMIT ENFORCED BY AIRCRAFT

| A  | B  | C | D | E | F   | G | H    | J    | K    | L    |
|----|----|---|---|---|-----|---|------|------|------|------|
| 90 | 54 | 1 | 3 | 8 | 8 D | 6 | 10 D | 64.5 | 73.7 | 61.9 |

COLORS:   LEGEND           — WHITE           (RETROREFLECTIVE)  
               BACKGROUND       — BLACK



## R0-V8

TRUCKS-BUSES ALL TOWED VEHICLES CARS ONLY Rest Area Sign

| A   | B  | C     | D     | E    | F | G   | H | J    | K      | L | M |
|-----|----|-------|-------|------|---|-----|---|------|--------|---|---|
| 114 | 36 | 0.625 | 0.875 | 2.25 | 5 | 6 D | 4 | 2.25 | 4 Min. | 8 | 6 |

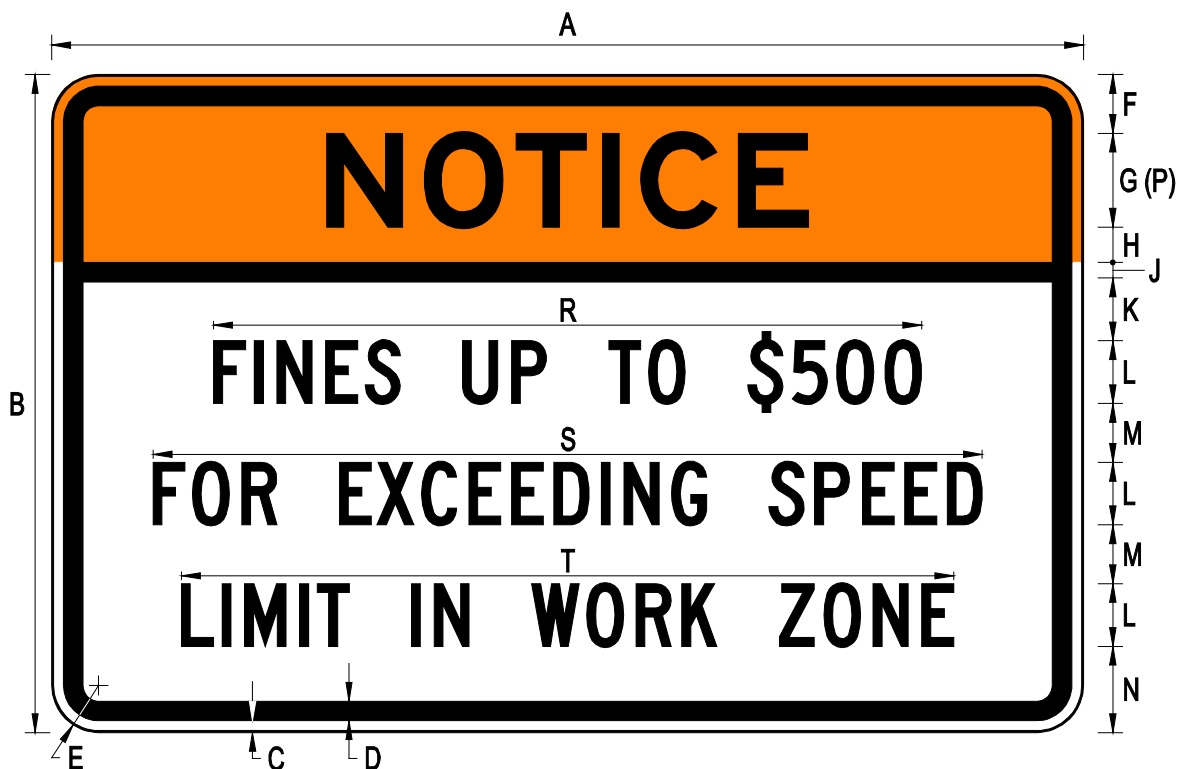
| N    | P    | R    |
|------|------|------|
| Var. | Var. | Var. |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

The exact layout of this sign will vary depending on the specific Rest Area to which it is applied. Modifications to the legend are permissible; however, a sign panel detail shall be developed.

COLORS:    LEGEND            — BLACK  
               BACKGROUND    — WHITE            (RETROREFLECTIVE)





## R2-V1

## NOTICE FINES UP TO \$500 FOR EXCEEDING SPEED LIMIT IN WORK ZONE

| A   | B  | C    | D    | E | F    | G   | H    | J    | K     | L   | M    |
|-----|----|------|------|---|------|-----|------|------|-------|-----|------|
| 66  | 42 | 0.75 | 1.25 | 3 | 3.75 | 6 E | 2.25 | 1.25 | 4     | 4 C | 3.75 |
| 108 | 54 | 0.75 | 1.25 | 3 | 4    | 6 E | 2    | 1.25 | 5.375 | 6 D | 5    |

| N     | P    | R    | S    | T    |
|-------|------|------|------|------|
| 5.5   | 30.8 | 45.3 | 53   | 49.4 |
| 7.375 | 30.8 | 77.3 | 91.3 | 84   |

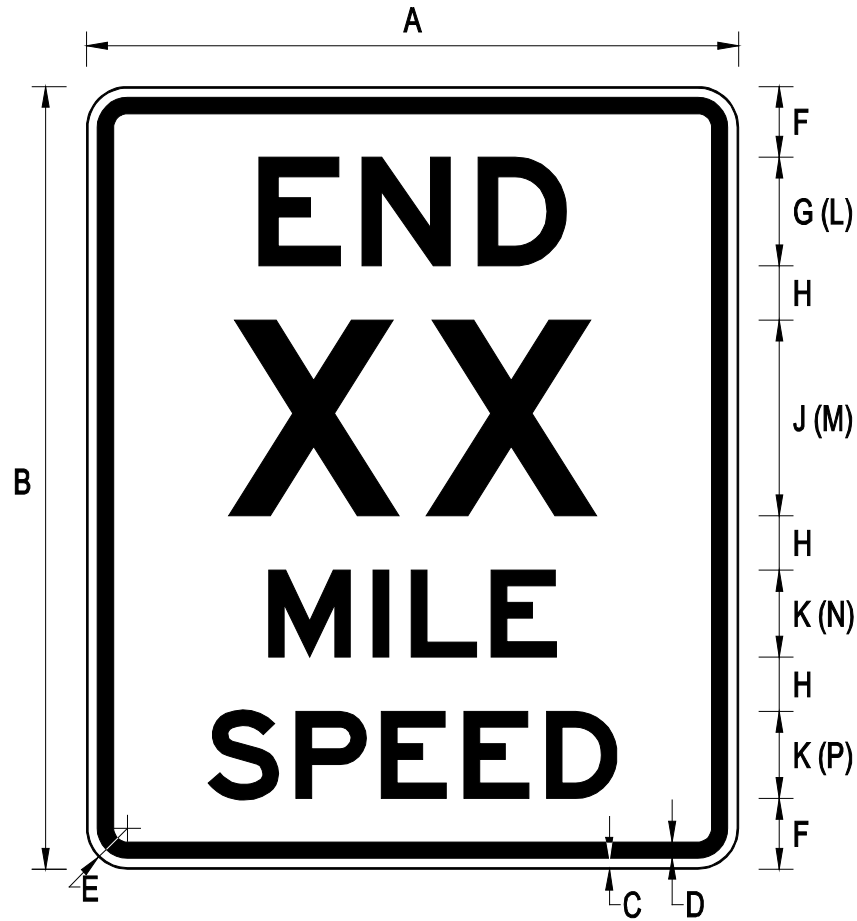
( ) Denotes line length.

TTC SIGN COLORS — TOP:

LEGEND  
BACKGROUND— BLACK  
— FLUORESCENT ORANGE (RETROREFLECTIVE)

TTC SIGN COLORS — BOTTOM:

LEGEND  
BACKGROUND— BLACK  
— WHITE (RETROREFLECTIVE)



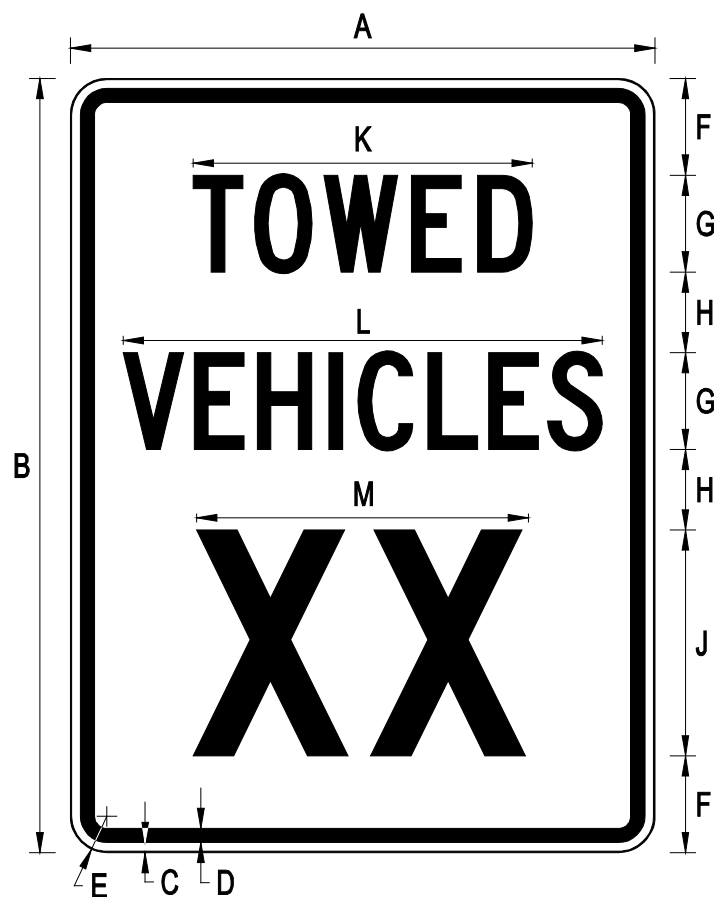
R2-V2  
END XX MILE SPEED

| A  | B  | C     | D     | E     | F    | G   | H   | J   | K   | L    | M    |
|----|----|-------|-------|-------|------|-----|-----|-----|-----|------|------|
| 24 | 30 | 0.375 | 0.625 | 1.5   | 3    | 4 E | 2   | 8 E | 3 E | 11.3 | Var. |
| 30 | 36 | 0.5   | 0.75  | 1.875 | 3.25 | 5 E | 2.5 | 9 E | 4 E | 14.2 | Var. |

| N    | P    |
|------|------|
| 9.9  | 14.1 |
| 13.2 | 18.8 |

( ) Denotes line length.

COLORS:    LEGEND            — BLACK  
              BACKGROUND       — WHITE                (RETROREFLECTIVE)

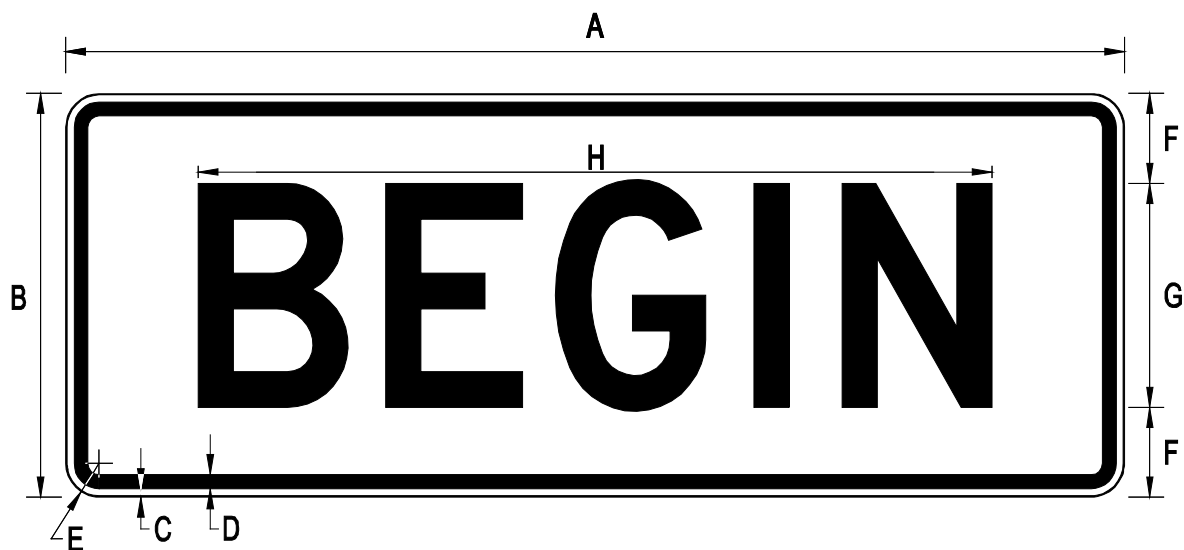


R2-VP1

TOWED VEHICLES Speed Limit (Plaque)

| A  | B  | C     | D     | E     | F    | G   | H    | J    | K    | L    | M    |
|----|----|-------|-------|-------|------|-----|------|------|------|------|------|
| 24 | 30 | 0.375 | 0.625 | 1.5   | 4    | 4 C | 2    | 10 D | 13.9 | 19   | Var. |
| 30 | 36 | 0.5   | 0.75  | 1.875 | 4.25 | 5 C | 2.75 | 12 D | 17.4 | 23   | Var. |
| 36 | 48 | 0.625 | 0.875 | 2.25  | 6    | 6 C | 5    | 14 D | 20.9 | 29.5 | Var. |
| 48 | 60 | 0.75  | 1.25  | 3     | 8    | 8 C | 6    | 16 D | 27.8 | 40   | Var. |

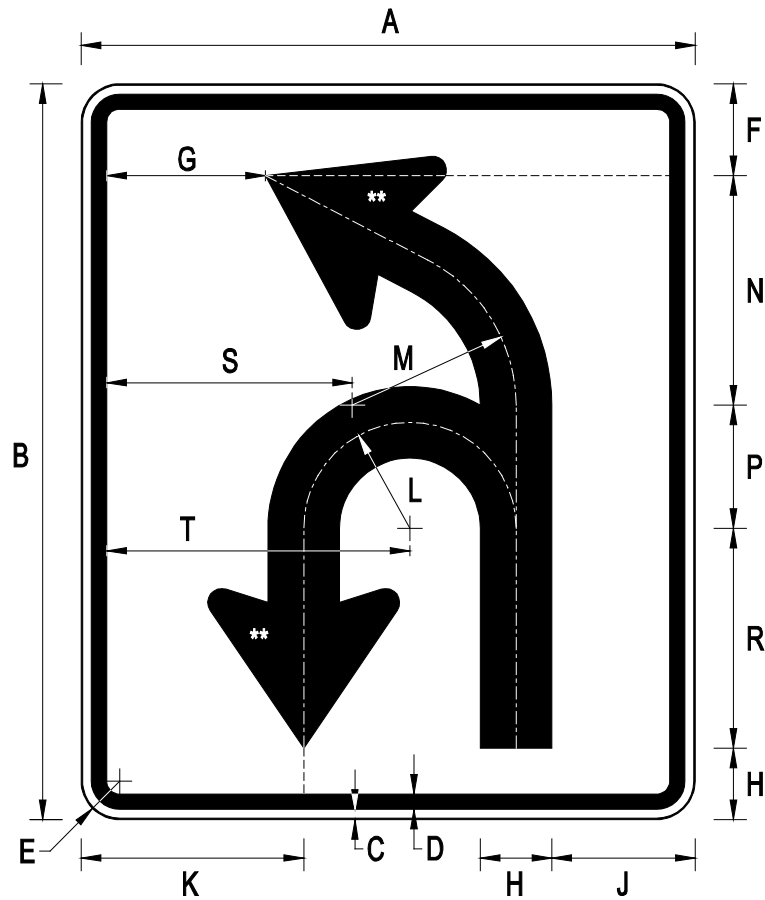
COLORS:    LEGEND    — BLACK  
                  BACKGROUND    — WHITE    (RETROREFLECTIVE)



R3-9cP (V)  
BEGIN

| A  | B  | C     | D     | E   | F | G    | H  |
|----|----|-------|-------|-----|---|------|----|
| 48 | 18 | 0.375 | 0.625 | 1.5 | 4 | 10 D | 36 |

COLORS:    LEGEND    — BLACK  
                  BACKGROUND    — WHITE    (RETROREFLECTIVE)



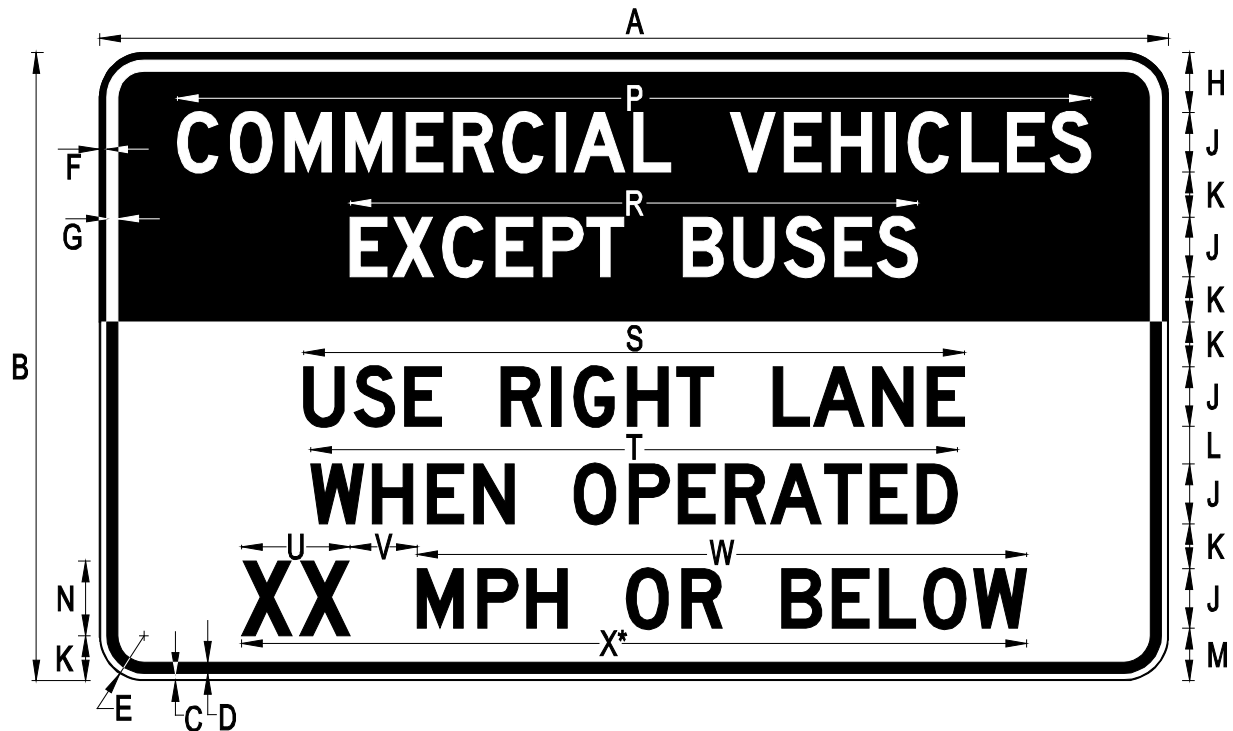
R3-V1  
Optional U-Turn/Left Turn

| A  | B  | C   | D    | E     | F   | G    | H   | J | K      | L      | M |
|----|----|-----|------|-------|-----|------|-----|---|--------|--------|---|
| 30 | 36 | 0.5 | 0.75 | 1.875 | 4.5 | 7.75 | 3.5 | 7 | 10.875 | 5.1875 | 8 |

| N      | P     | R     | S  | T       |
|--------|-------|-------|----|---------|
| 11.224 | 6.026 | 10.75 | 12 | 14.8125 |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

COLORS: LEGEND — BLACK  
BACKGROUND — WHITE (RETROREFLECTIVE)



R4-V1

COMMERCIAL VEHICLES EXCEPT BUSES USE RIGHT LANE WHEN OPERATED XX MPH OR BELOW

| A   | B  | C | D   | E | F | G   | H | J   | K | L | M |
|-----|----|---|-----|---|---|-----|---|-----|---|---|---|
| 144 | 84 | 1 | 1.5 | 6 | 1 | 1.5 | 8 | 8 D | 6 | 5 | 7 |

| N    | P   | R    | S  | T    | U    | V | W    | X    |
|------|-----|------|----|------|------|---|------|------|
| 10 D | 123 | 76.4 | 89 | 87.1 | Var. | 9 | 82.1 | Var. |

\* Legend "XX MPH OR BELOW" shall be centered on sign panel.

|                |             |         |                   |
|----------------|-------------|---------|-------------------|
| TOP COLORS:    | LEGEND      | — WHITE | (RETROREFLECTIVE) |
|                | BACKGROUND: | — BLACK |                   |
| BOTTOM COLORS: | LEGEND      | — BLACK |                   |
|                | BACKGROUND  | — WHITE | (RETROREFLECTIVE) |



## R4-V2

## COMMERCIAL VEHICLES EXCEPT BUSES PROHIBITED IN LEFT LANE

| A   | B  | C    | D    | E | F    | G    | H | J   | K | L    | M    |
|-----|----|------|------|---|------|------|---|-----|---|------|------|
| 90  | 48 | 0.75 | 1.25 | 3 | 0.75 | 1.25 | 6 | 5 D | 4 | 76.8 | 47.8 |
| 144 | 72 | 1    | 1.5  | 4 | 1    | 1.5  | 8 | 8 D | 6 | 123  | 76.4 |

| N    | P    |
|------|------|
| 47   | 35.4 |
| 75.1 | 56.6 |

|                |             |         |                   |
|----------------|-------------|---------|-------------------|
| TOP COLORS:    | LEGEND      | — WHITE | (RETROREFLECTIVE) |
|                | BACKGROUND: | — BLACK |                   |
| BOTTOM COLORS: | LEGEND      | — BLACK |                   |
|                | BACKGROUND  | — WHITE | (RETROREFLECTIVE) |



R4-V2a

COMMERCIAL VEHICLES EXCEPT BUSES PROHIBITED IN LEFT LANE (Reduced Width)

| A   | B  | C    | D    | E | F    | G    | H   | J   | K | L | M   |
|-----|----|------|------|---|------|------|-----|-----|---|---|-----|
| 60  | 54 | 0.75 | 1.25 | 3 | 0.75 | 1.25 | 5   | 5 D | 3 | 4 | 3   |
| 108 | 84 | 1    | 1.5  | 6 | 1    | 1.5  | 7.5 | 8 D | 5 | 6 | 5.5 |

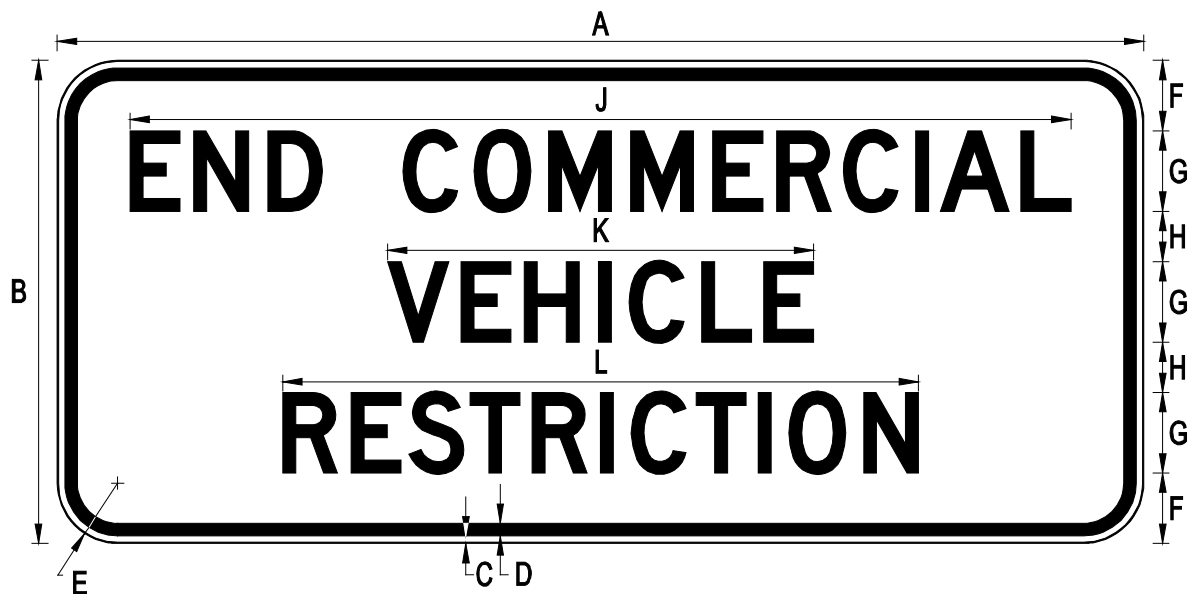
| N   | P | R   | S    | T    | U    | V    | W    |
|-----|---|-----|------|------|------|------|------|
| 4   | 4 | 6   | 41.5 | 30.4 | 47.8 | 47   | 35.4 |
| 6.5 | 5 | 8.5 | 66.4 | 48.6 | 76.4 | 75.1 | 56.6 |

( ) Denotes line length.

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

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





R4-V3

END COMMERCIAL VEHICLE RESTRICTION

| A   | B  | C    | D    | E | F | G   | H | J    | K    | L    |
|-----|----|------|------|---|---|-----|---|------|------|------|
| 108 | 48 | 0.75 | 1.25 | 3 | 7 | 8 D | 5 | 93.5 | 42.3 | 63.2 |

COLORS:    LEGEND    — BLACK  
                  BACKGROUND    — WHITE    (RETROREFLECTIVE)



R4-V4

TRUCKS &amp; COMBINATION VEHICLES USE RIGHT LANE WHEN OPERATED BELOW XX MPH

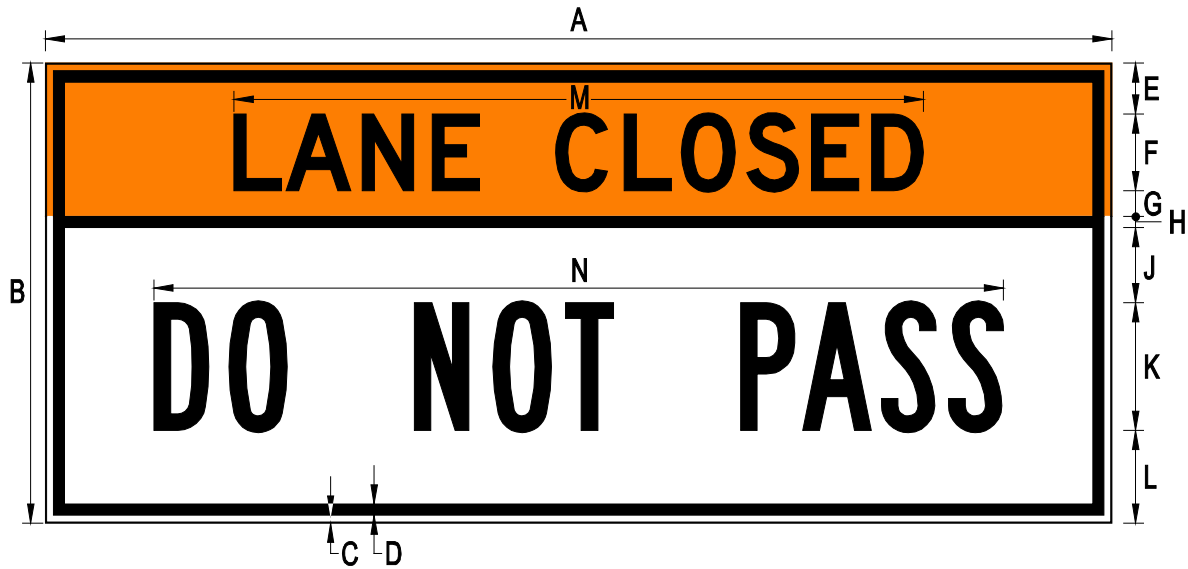
| A   | B  | C | D   | E | F | G   | H | J   | K | L | M |
|-----|----|---|-----|---|---|-----|---|-----|---|---|---|
| 144 | 84 | 1 | 1.5 | 6 | 1 | 1.5 | 8 | 8 D | 6 | 5 | 7 |

| N    | P    | R   | S  | T    | U  | V | W    | X    | Y    |
|------|------|-----|----|------|----|---|------|------|------|
| 10 D | 54.3 | 123 | 89 | 87.1 | 33 | 9 | Var. | 20.2 | Var. |

\* Legend "BELOW XX MPH"  
shall be centered on sign panel.

|                |             |         |                   |
|----------------|-------------|---------|-------------------|
| TOP COLORS:    | LEGEND      | — WHITE | (RETROREFLECTIVE) |
|                | BACKGROUND: | — BLACK |                   |
| BOTTOM COLORS: | LEGEND      | — BLACK |                   |
|                | BACKGROUND  | — WHITE | (RETROREFLECTIVE) |



## R4-V6

LANE CLOSED DO NOT PASS (Vehicle-Mounted Sign)

| A  | B  | C     | D     | E | F   | G | H     | J     | K    | L    | M    |
|----|----|-------|-------|---|-----|---|-------|-------|------|------|------|
| 84 | 36 | 0.625 | 0.875 | 4 | 6 D | 2 | 0.875 | 5.875 | 10 B | 7.25 | 54.3 |

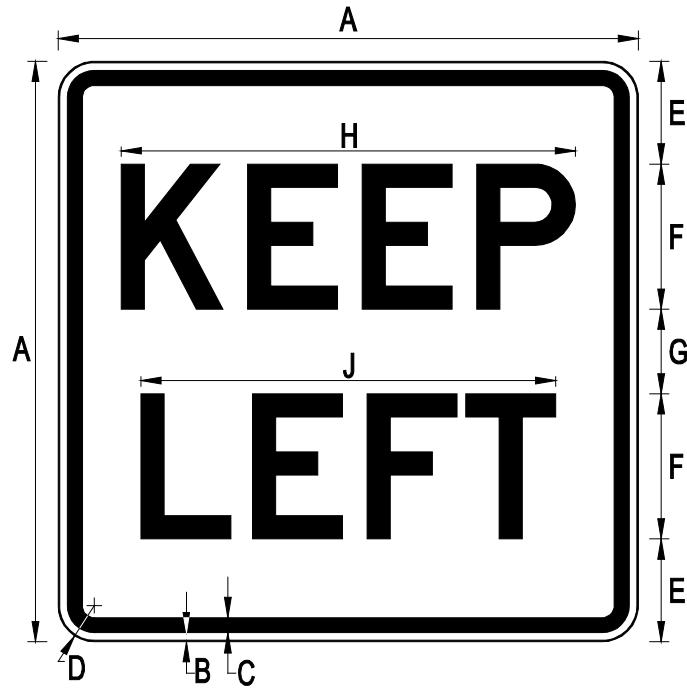
| N    |
|------|
| 66.9 |

TTC SIGN COLORS — TOP:

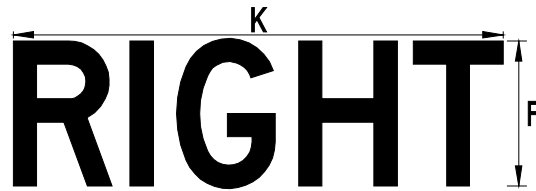
LEGEND  
BACKGROUND— BLACK  
— FLUORESCENT ORANGE (RETROREFLECTIVE)

TTC SIGN COLORS — BOTTOM:

LEGEND  
BACKGROUND— BLACK  
— WHITE (RETROREFLECTIVE)



R4-V7R  
KEEP RIGHT



R4-V7L  
KEEP LEFT

| A  | B     | C     | D    | E   | F    | G | H    | J    | K    |
|----|-------|-------|------|-----|------|---|------|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 6.5 | 9 D  | 5 | 28.2 | 25.7 | 30   |
| 48 | 0.75  | 1.25  | 3    | 8.5 | 12 D | 7 | 37.6 | 34.3 | 40.5 |

TTC SIGN COLORS:

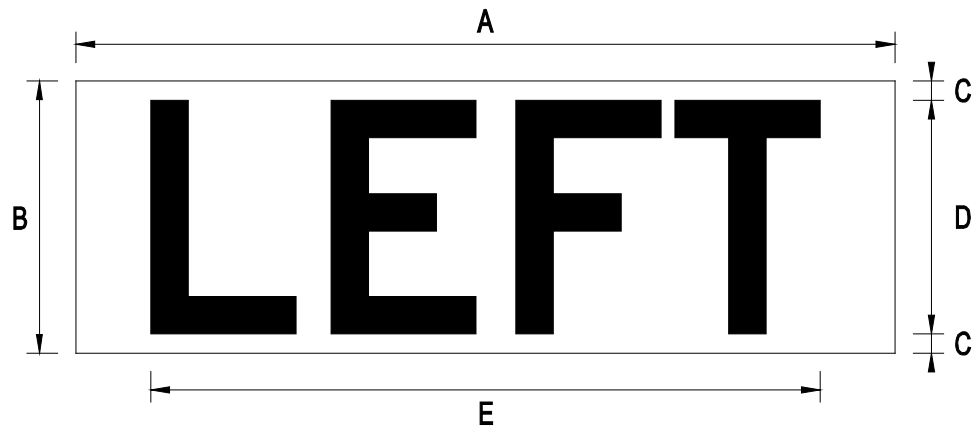
LEGEND

BACKGROUND

— BLACK

— WHITE

(RETROREFLECTIVE)



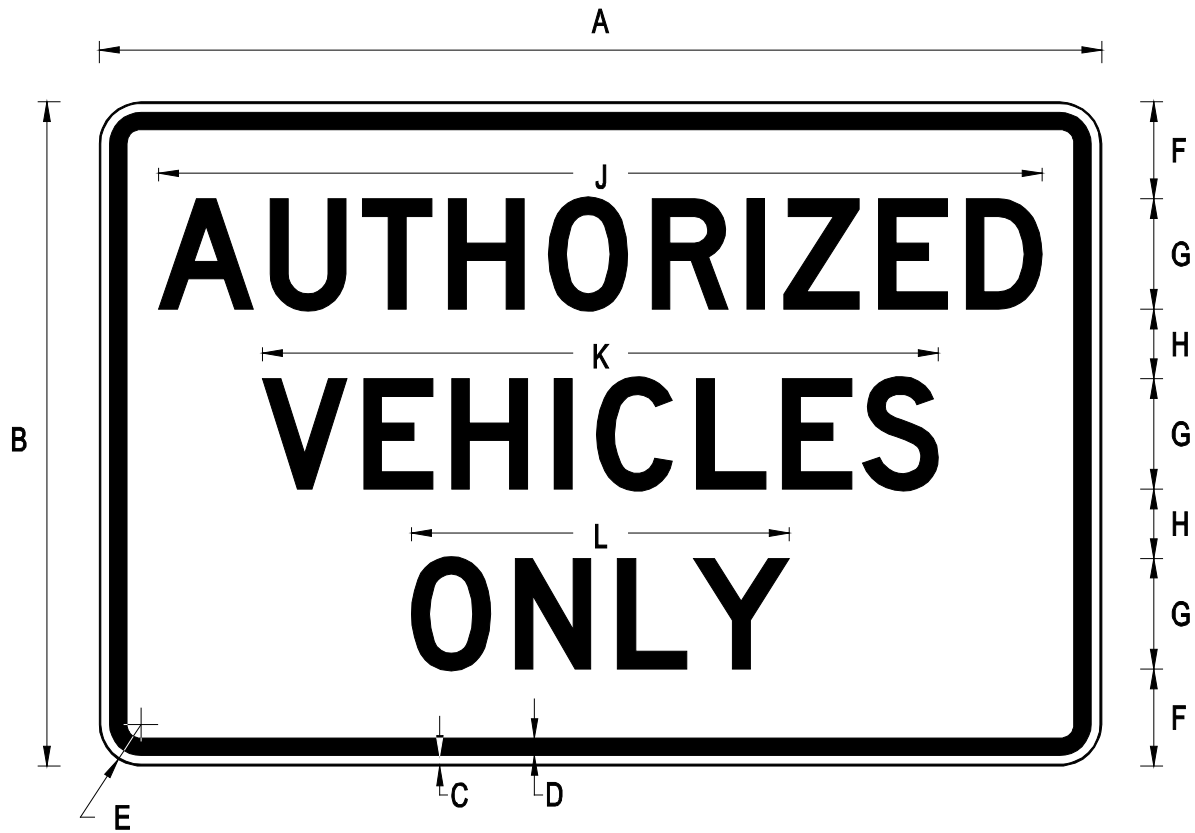
R4-VP1R  
RIGHT Overlay



R4-VP1L  
LEFT Overlay for R4-V7 Sign

| A  | B  | C   | D    | E    | F    |
|----|----|-----|------|------|------|
| 32 | 12 | 1.5 | 9 D  | 25.7 | 30   |
| 42 | 14 | 1   | 12 D | 34.3 | 40.5 |

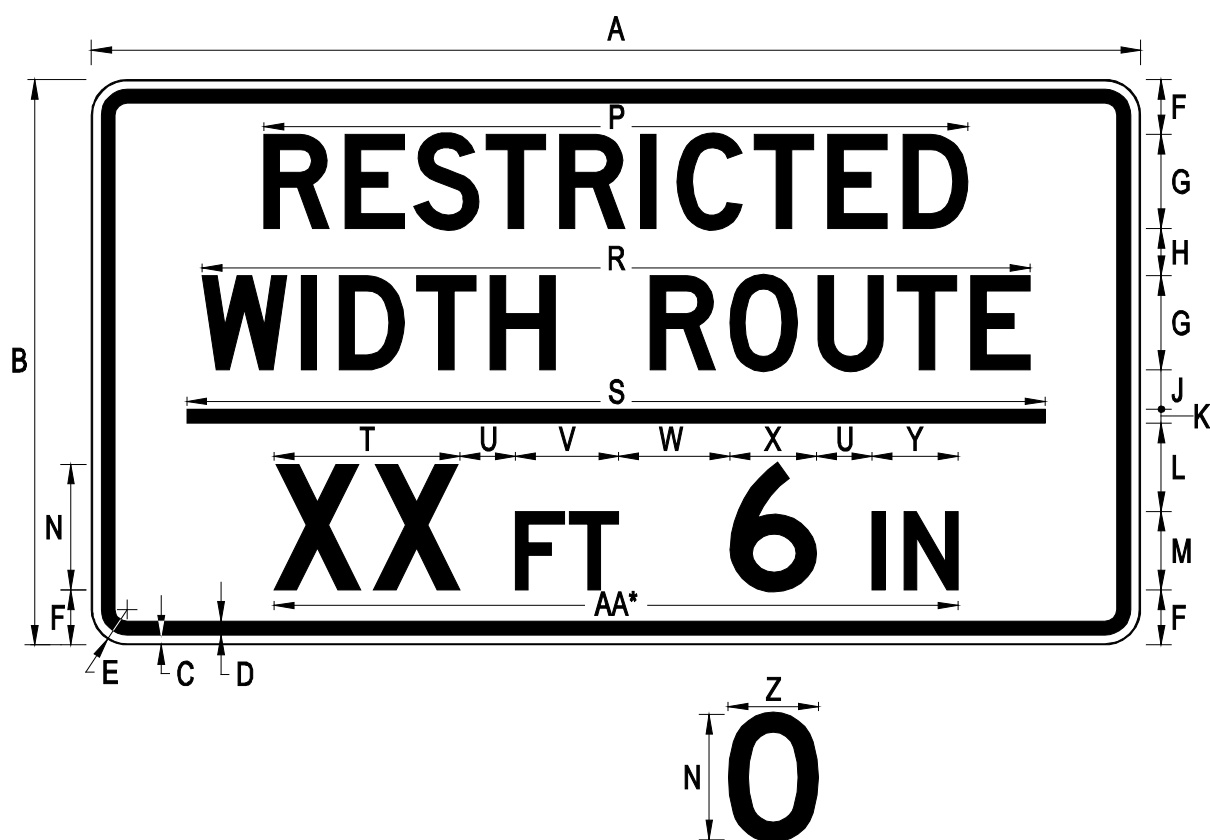
TTC SIGN COLORS:    LEGEND    — BLACK  
                                  BACKGROUND    — WHITE    (RETROREFLECTIVE)



R5-11 (V)  
AUTHORIZED VEHICLES ONLY

| A  | B  | C     | D     | E   | F   | G   | H   | J    | K    | L    |
|----|----|-------|-------|-----|-----|-----|-----|------|------|------|
| 36 | 24 | 0.375 | 0.625 | 1.5 | 3.5 | 4 D | 2.5 | 31.7 | 24.3 | 13.6 |

COLORS:    LEGEND    — BLACK  
                  BACKGROUND    — WHITE    (RETROREFLECTIVE)



R5-V1  
RESTRICTED WIDTH ROUTE

| A   | B  | C     | D     | E     | F     | G    | H | J   | K     | L     | M   |
|-----|----|-------|-------|-------|-------|------|---|-----|-------|-------|-----|
| 42  | 30 | 0.5   | 0.75  | 1.875 | 4     | 4 D  | 3 | 2   | 0.75  | 4.25  | 4 D |
| 66  | 36 | 0.625 | 0.875 | 2.25  | 3.5   | 6 D  | 3 | 2.5 | 0.875 | 5.625 | 5 D |
| 108 | 60 | 0.75  | 1.25  | 3     | 6.375 | 10 D | 6 | 4   | 1.25  | 8     | 8 D |

| N    | P    | R    | S  | T    | U   | V    | W  | X   | Y   | Z   | AA   |
|------|------|------|----|------|-----|------|----|-----|-----|-----|------|
| 6 D  | 29.5 | 34.7 | 36 | Var. | 2.5 | 5.2  | 5  | 4.1 | 4.3 | 4.3 | Var. |
| 8 D  | 44.3 | 52.1 | 54 | Var. | 3.5 | 6.5  | 7  | 5.4 | 5.4 | 5.7 | Var. |
| 12 D | 73.8 | 86.8 | 90 | Var. | 5   | 10.4 | 10 | 8.2 | 8.6 | 8.5 | Var. |

\* Legend "XX FT 0 IN" or "XX FT 6 IN" shall be centered on sign panel.

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



R5-V2

NO PEDESTRIANS, BICYCLES, MOPEDS, ANIMALS, SELF-PROPELLED MACHINERY OR EQUIPMENT

| A  | B  | C     | D     | E    | F   | G   | H | J   | K   | L | M   |
|----|----|-------|-------|------|-----|-----|---|-----|-----|---|-----|
| 36 | 48 | 0.625 | 0.875 | 2.25 | 4.5 | 6 D | 3 | 3 C | 2.5 | 4 | 9.7 |

| N    | P  | R    | S    | T    | U    |
|------|----|------|------|------|------|
| 22.4 | 31 | 14.8 | 28.1 | 25.9 | 18.4 |

COLORS:    LEGEND    — BLACK  
                  BACKGROUND    — WHITE    (RETROREFLECTIVE)





R5-V3

THROUGH TRUCKS PROHIBITED

| A  | B  | C   | D    | E     | F   | G   | H | J    | K    | L    |
|----|----|-----|------|-------|-----|-----|---|------|------|------|
| 36 | 30 | 0.5 | 0.75 | 1.875 | 4.5 | 5 B | 3 | 20.3 | 16.6 | 25.6 |

COLORS:    LEGEND    — BLACK  
                  BACKGROUND    — WHITE    (RETROREFLECTIVE)

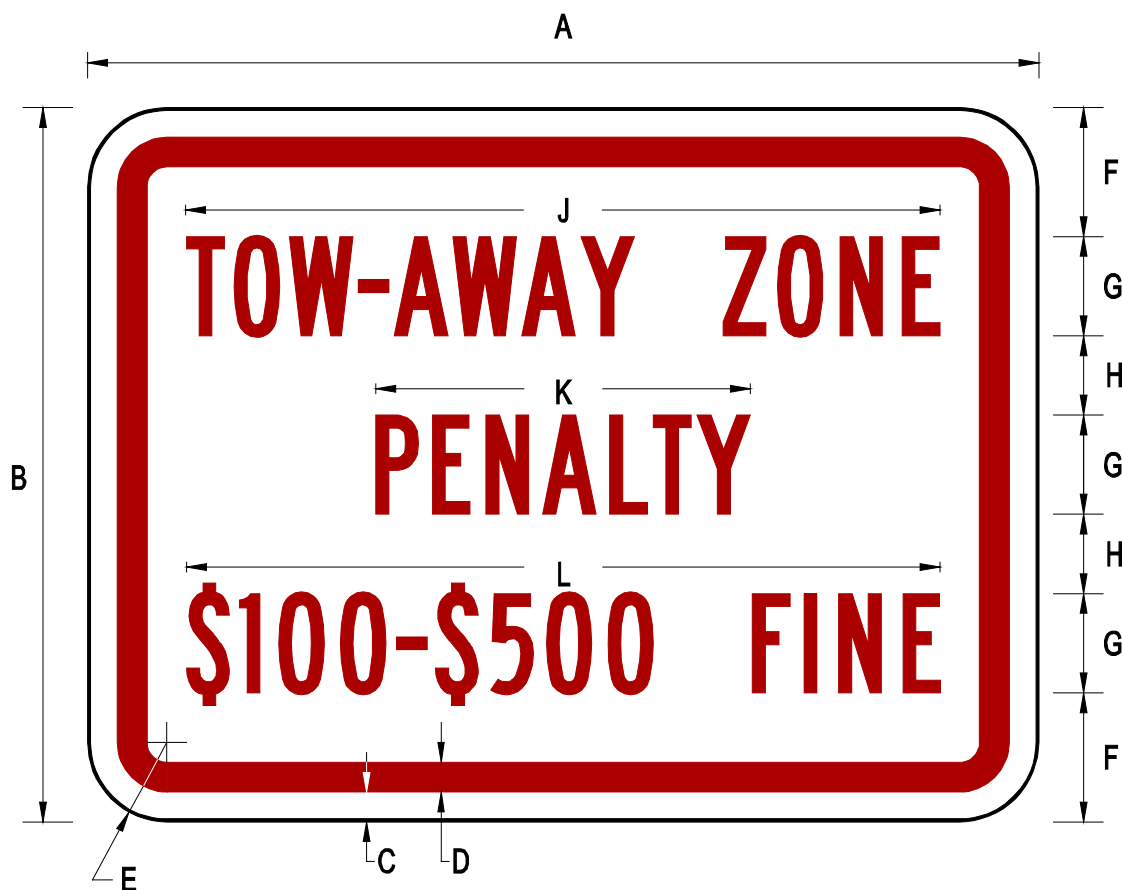


R7-V1

STATE POLICE PARKING ONLY

| A  | B  | C     | D     | E   | F    | G   | H   | J    | K    | L    | M    |
|----|----|-------|-------|-----|------|-----|-----|------|------|------|------|
| 24 | 30 | 0.375 | 0.625 | 1.5 | 3.25 | 4 C | 2.5 | 12.3 | 15.2 | 18.4 | 11.1 |

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

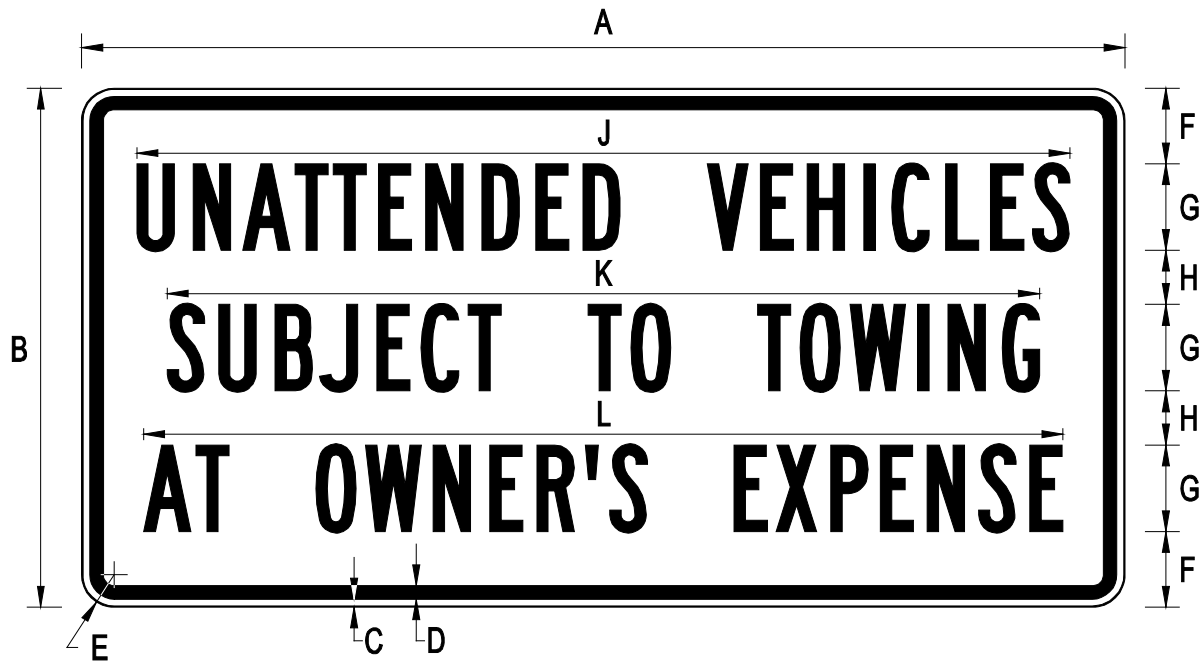


R7-VP1

TOW-AWAY ZONE PENALTY \$100 - \$500 FINE (Plaque)

| A  | B | C     | D     | E | F     | G      | H | J   | K   | L   |
|----|---|-------|-------|---|-------|--------|---|-----|-----|-----|
| 12 | 9 | 0.375 | 0.375 | 1 | 1.625 | 1.25 B | 1 | 9.5 | 4.7 | 9.5 |

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



## R8-VP1

UNATTENDED VEHICLES SUBJECT TO TOWING AT OWNER'S EXPENSE (Plaque)

| A  | B  | C     | D     | E   | F   | G   | H   | J    | K    | L    |
|----|----|-------|-------|-----|-----|-----|-----|------|------|------|
| 48 | 24 | 0.375 | 0.625 | 1.5 | 3.5 | 4 B | 2.5 | 42.9 | 40.1 | 42.3 |

COLORS:    LEGEND    — BLACK  
                  BACKGROUND    — WHITE    (RETROREFLECTIVE)

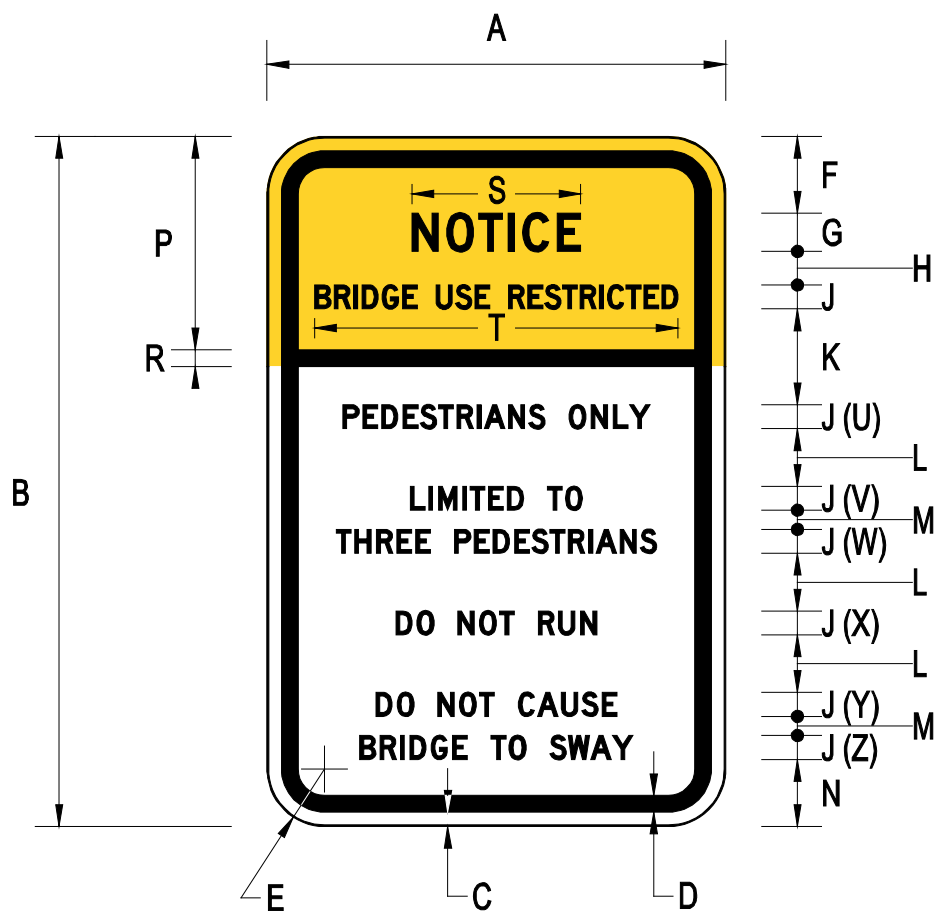


R9-V1  
NO FISHING FROM BRIDGE

| A  | B  | C     | D     | E   | F    | G   | H    | J   | K | L   | M   |
|----|----|-------|-------|-----|------|-----|------|-----|---|-----|-----|
| 18 | 24 | 0.375 | 0.625 | 1.5 | 2.25 | 4 D | 2.25 | 3 D | 2 | 2.5 | 6.4 |

| N    | P   | R    |
|------|-----|------|
| 14.6 | 9.9 | 13.5 |

COLORS:   LEGEND       — BLACK  
              BACKGROUND   — WHITE       (RETROREFLECTIVE)



R9-V2

Pedestrian Swing Bridge

| A  | B  | C     | D      | E   | F | G   | H     | J       | K   | L   | M   |
|----|----|-------|--------|-----|---|-----|-------|---------|-----|-----|-----|
| 12 | 18 | 0.375 | 0.4375 | 1.5 | 2 | 1 D | 0.875 | 0.625 D | 2.5 | 1.5 | 0.5 |

| N    | P      | R      | S   | T   | U | V   | W   | X   | Y   | Z   |
|------|--------|--------|-----|-----|---|-----|-----|-----|-----|-----|
| 1.75 | 5.5625 | 0.4375 | 4.4 | 9.5 | 8 | 4.5 | 8.4 | 5.3 | 6.3 | 7.2 |

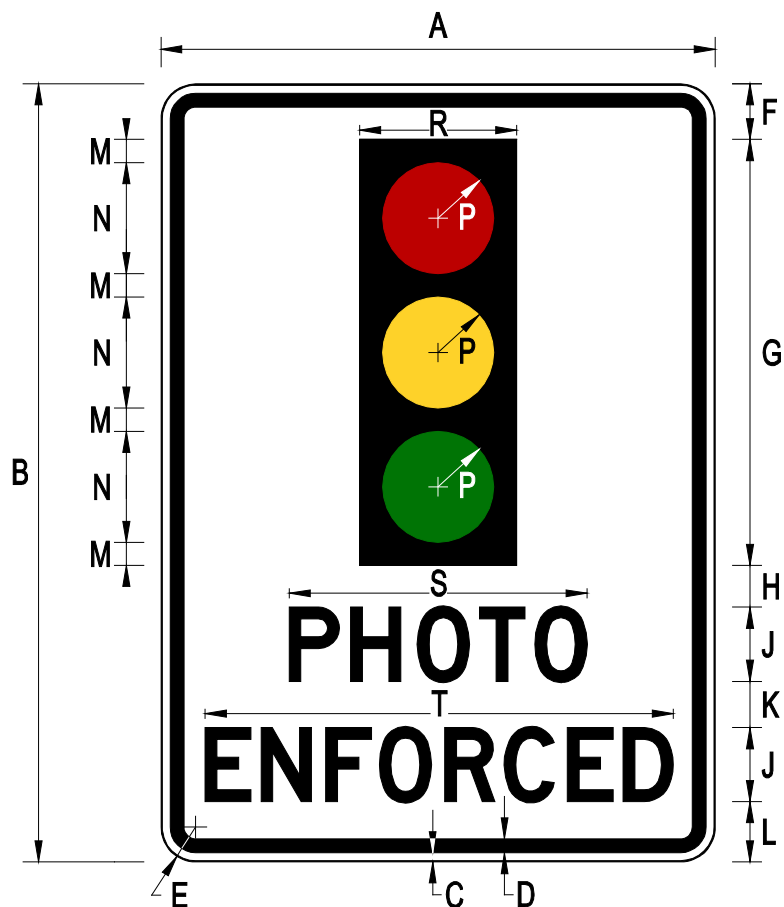
( ) Denotes line length.

TOP COLORS:      LEGEND      — BLACK      (RETROREFLECTIVE)

BACKGROUND      — YELLOW

BOTTOM COLORS:      LEGEND      — BLACK      (RETROREFLECTIVE)

BACKGROUND      — WHITE



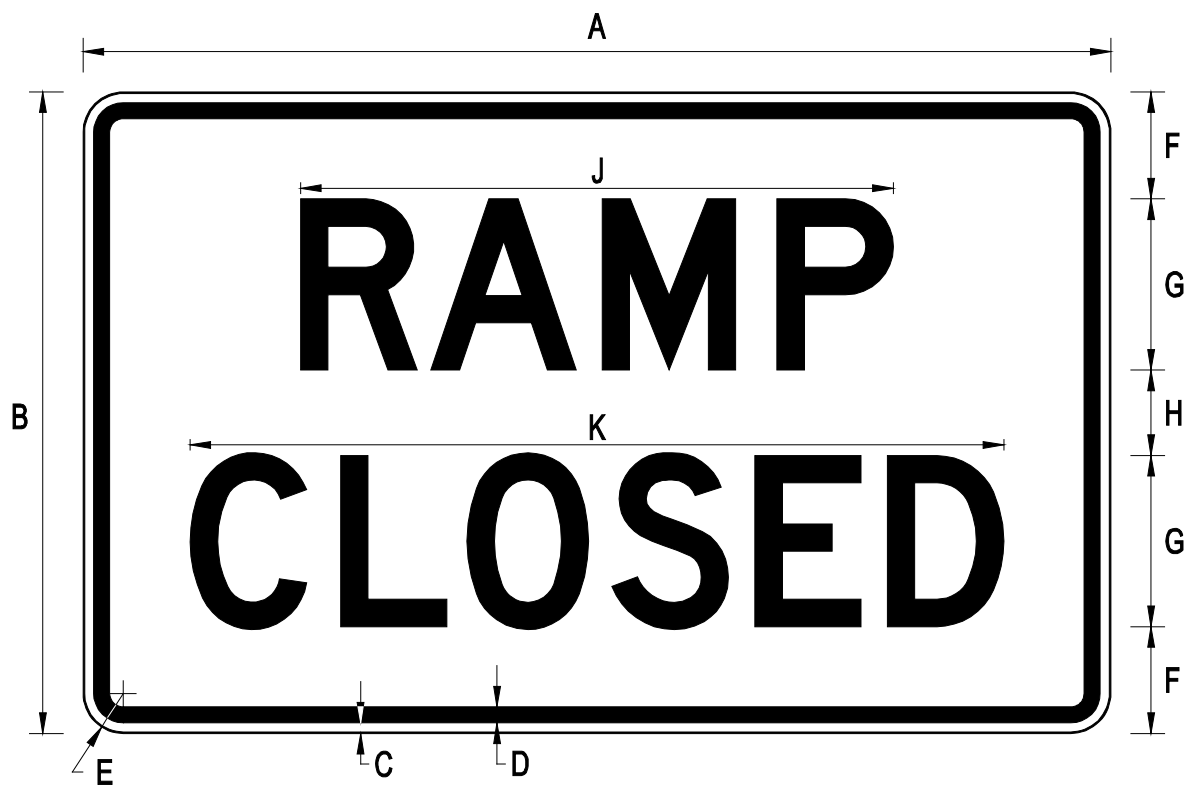
R10-18a

Traffic Signal - PHOTO ENFORCED

| A  | B  | C   | D    | E     | F | G  | H    | J   | K   | L    | M    |
|----|----|-----|------|-------|---|----|------|-----|-----|------|------|
| 30 | 42 | 0.5 | 0.75 | 1.875 | 3 | 23 | 2.25 | 4 D | 2.5 | 3.25 | 1.25 |

| N | P | R   | S      | T      |
|---|---|-----|--------|--------|
| 6 | 3 | 8.5 | 16.131 | 25.337 |

| COLORS: | LEGEND/SYMBOL | — BLACK  |                   |
|---------|---------------|----------|-------------------|
|         | TOP CIRCLE    | — RED    | (RETROREFLECTIVE) |
|         | MIDDLE CIRCLE | — YELLOW | (RETROREFLECTIVE) |
|         | BOTTOM CIRCLE | — GREEN  | (RETROREFLECTIVE) |
|         | BACKGROUND    | — WHITE  | (RETROREFLECTIVE) |



R11-V1  
RAMP CLOSED

| A  | B  | C   | D    | E     | F | G   | H | J    | K  |
|----|----|-----|------|-------|---|-----|---|------|----|
| 48 | 30 | 0.5 | 0.75 | 1.875 | 5 | 8 D | 4 | 27.7 | 38 |

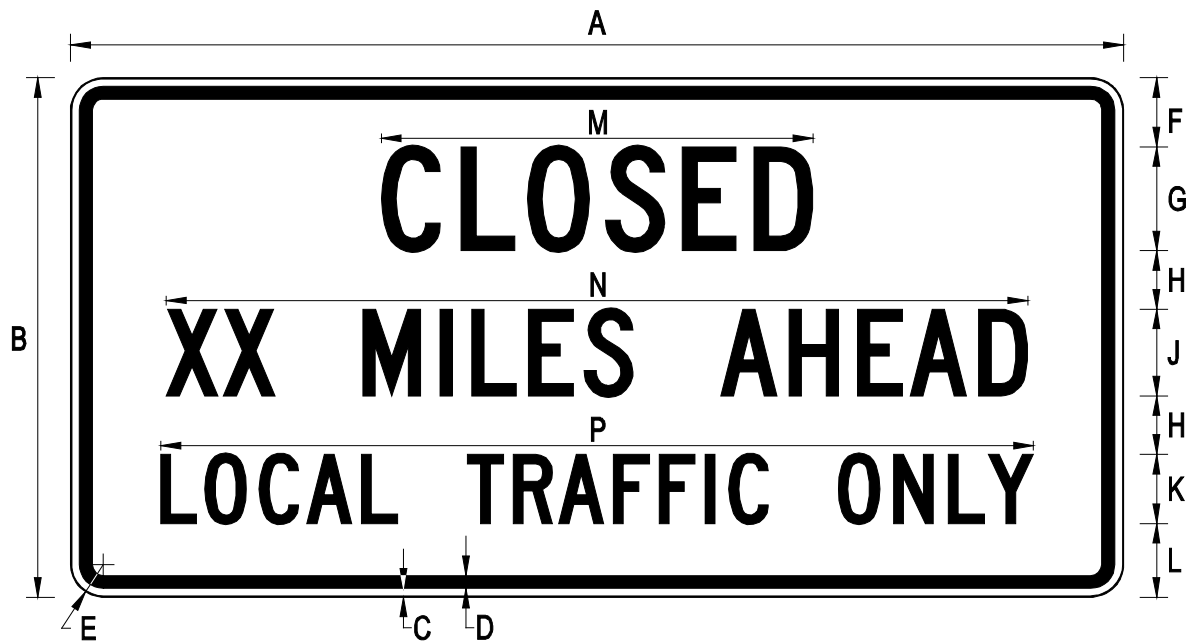
TTC SIGN COLORS:

LEGEND  
BACKGROUND

— BLACK  
— WHITE

(RETROREFLECTIVE)





## R11-V2

## CLOSED - LOCAL TRAFFIC ONLY

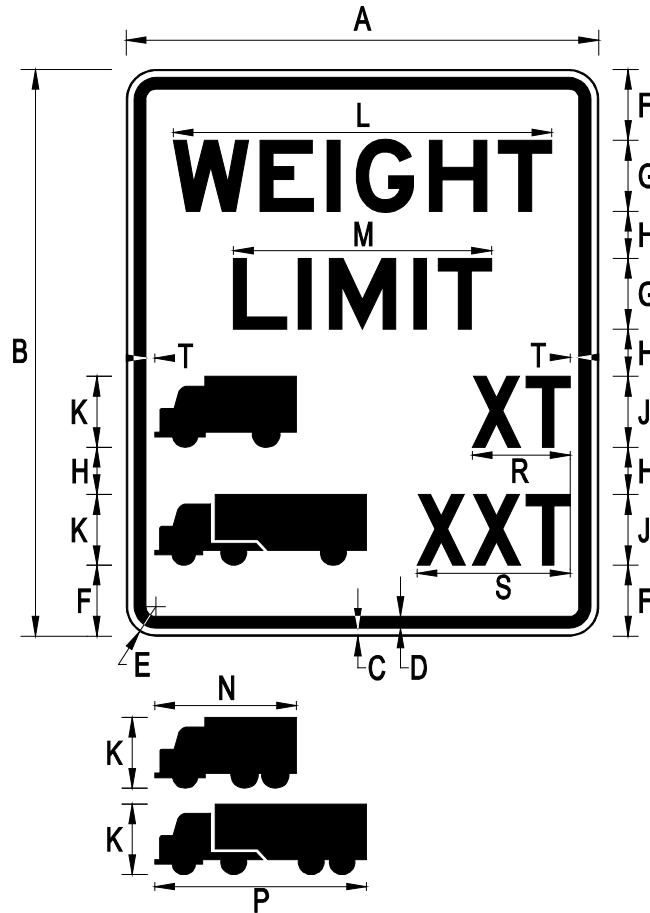
| A  | B  | C   | D    | E     | F | G   | H     | J   | K   | L    | M    |
|----|----|-----|------|-------|---|-----|-------|-----|-----|------|------|
| 60 | 30 | 0.5 | 0.75 | 1.875 | 4 | 6 C | 3.375 | 5 C | 4 C | 4.25 | 24.6 |

| N    | P    |
|------|------|
| Var. | 49.7 |

TTC SIGN COLORS:

LEGEND  
BACKGROUND— BLACK  
— WHITE

(RETROREFLECTIVE)



R12-V1

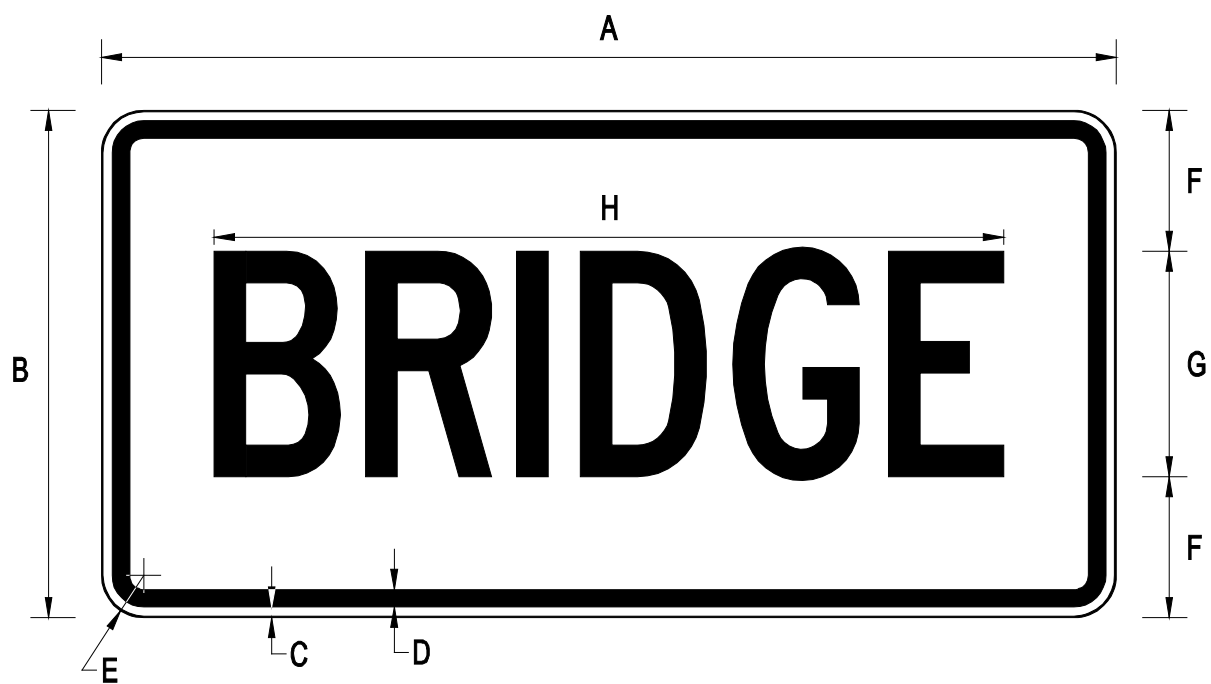
WEIGHT LIMIT Symbol

| A  | B  | C     | D     | E     | F     | G     | H    | J     | K   | L    | M    |
|----|----|-------|-------|-------|-------|-------|------|-------|-----|------|------|
| 24 | 30 | 0.375 | 0.625 | 1.5   | 3.5   | 3.5 E | 3    | 3.5 D | 3.5 | 18.9 | 12.8 |
| 30 | 36 | 0.5   | 0.75  | 1.875 | 4.5   | 4.5 E | 3    | 4.5 D | 4.5 | 24   | 16.4 |
| 36 | 42 | 0.625 | 0.875 | 2.25  | 6.125 | 5 E   | 3.25 | 5 D   | 5   | 26.7 | 18.2 |
| 48 | 54 | 0.75  | 1.25  | 3     | 8.25  | 6 E   | 4.5  | 6 D   | 6   | 32   | 21.8 |

| N  | P       | R    | S    | T      |
|----|---------|------|------|--------|
| 7  | 11      | Var. | Var. | 0.625  |
| 9  | 13.4375 | Var. | Var. | 0.5625 |
| 10 | 15.4375 | Var. | Var. | 1.5    |
| 12 | 19.6875 | Var. | Var. | 3      |

See FHWA Standard Highway Signs book for single rear axle images. See VA Standard Highway Signs book Appendix for tandem rear axle images.

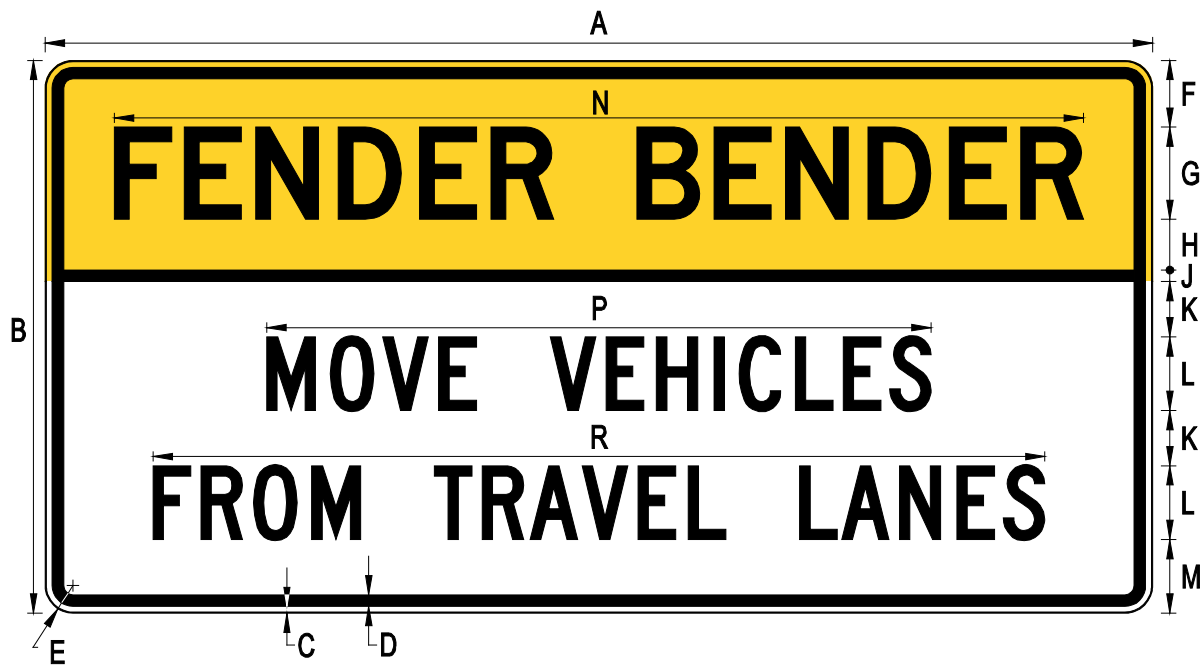
COLORS:    LEGEND    — BLACK  
                  BACKGROUND    — WHITE    (RETROREFLECTIVE)



R12-VP1  
BRIDGE (Plaque)

| A  | B  | C     | D      | E   | F   | G   | H    |
|----|----|-------|--------|-----|-----|-----|------|
| 24 | 12 | 0.375 | 0.4375 | 1.5 | 3.5 | 5 C | 19.1 |
| 30 | 15 | 0.375 | 0.625  | 1.5 | 4   | 7 C | 25   |
| 36 | 18 | 0.375 | 0.625  | 1.5 | 5   | 8 C | 28   |

COLORS:   LEGEND       — BLACK  
              BACKGROUND   — WHITE       (RETROREFLECTIVE)

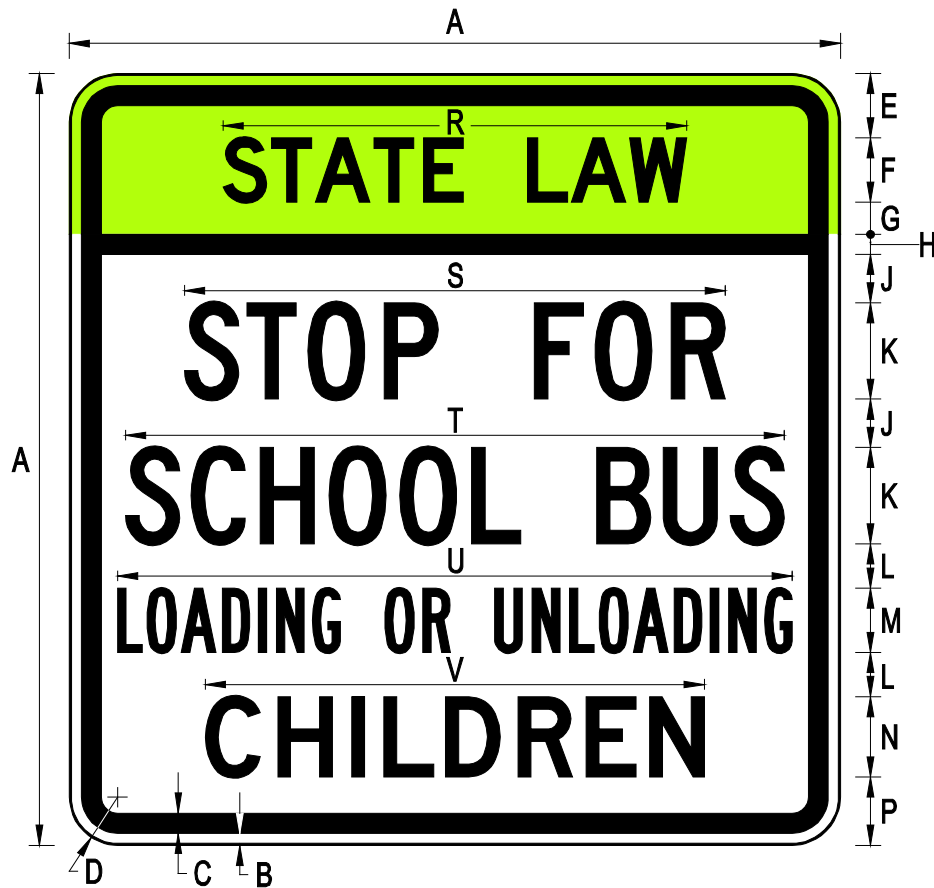


R16-4 (V)  
FENDER BENDER MOVE VEHICLES

| A   | B  | C    | D    | E | F    | G    | H   | J    | K | L   | M |
|-----|----|------|------|---|------|------|-----|------|---|-----|---|
| 120 | 60 | 0.75 | 1.25 | 3 | 7.25 | 10 D | 5.5 | 1.25 | 6 | 8 C | 8 |

| N   | P  | R    |
|-----|----|------|
| 105 | 72 | 96.6 |

|                |            |          |                   |
|----------------|------------|----------|-------------------|
| TOP COLORS:    | LEGEND     | — BLACK  |                   |
|                | BACKGROUND | — YELLOW | (RETROREFLECTIVE) |
| BOTTOM COLORS: | LEGEND     | — BLACK  |                   |
|                | BACKGROUND | — WHITE  | (RETROREFLECTIVE) |



S0-V1

STATE LAW STOP FOR SCHOOL BUS LOADING OR UNLOADING CHILDREN

| A  | B    | C    | D | E | F   | G | H    | J | K   | L    | M   |
|----|------|------|---|---|-----|---|------|---|-----|------|-----|
| 48 | 0.75 | 1.25 | 3 | 4 | 4 D | 2 | 1.25 | 3 | 6 C | 2.75 | 4 B |

| N   | P    | R    | S    | T  | U  | V    |
|-----|------|------|------|----|----|------|
| 5 D | 4.25 | 28.9 | 33.7 | 41 | 42 | 31.1 |

TOP COLORS:

LEGEND  
BACKGROUND

— BLACK

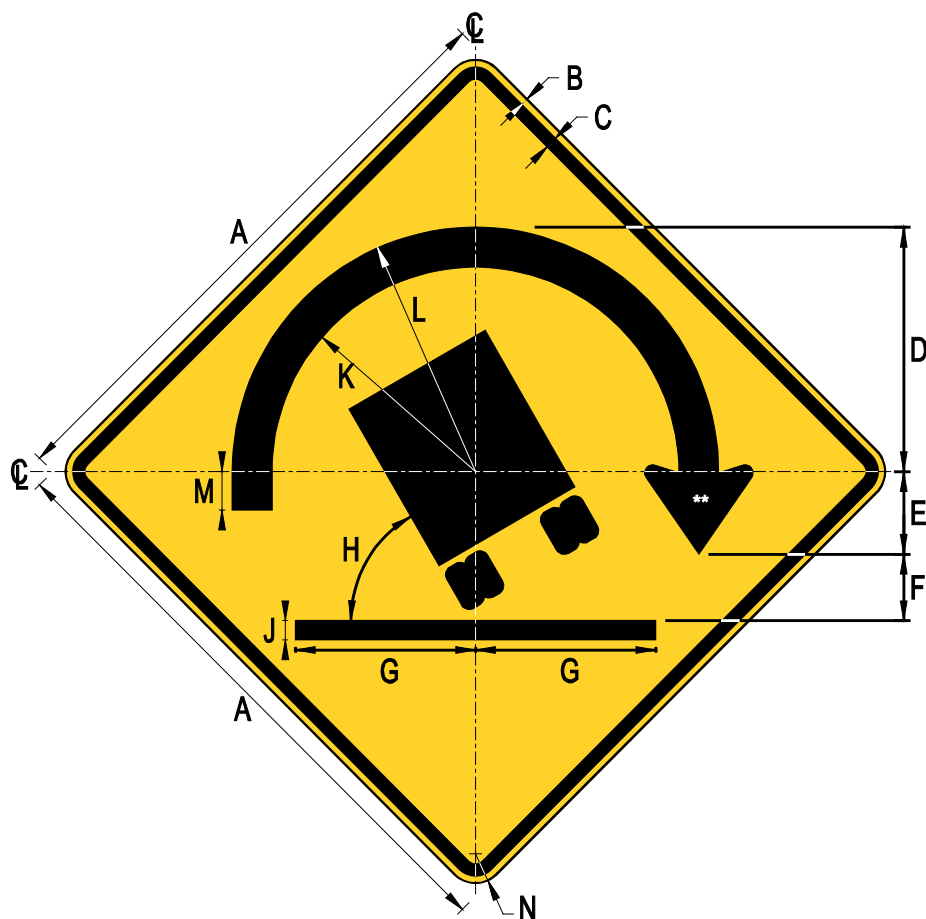
— FLUORESCENT YELLOW-GREEN (RETROREFLECTIVE)

BOTTOM COLORS:

LEGEND  
BACKGROUND

— BLACK

— WHITE



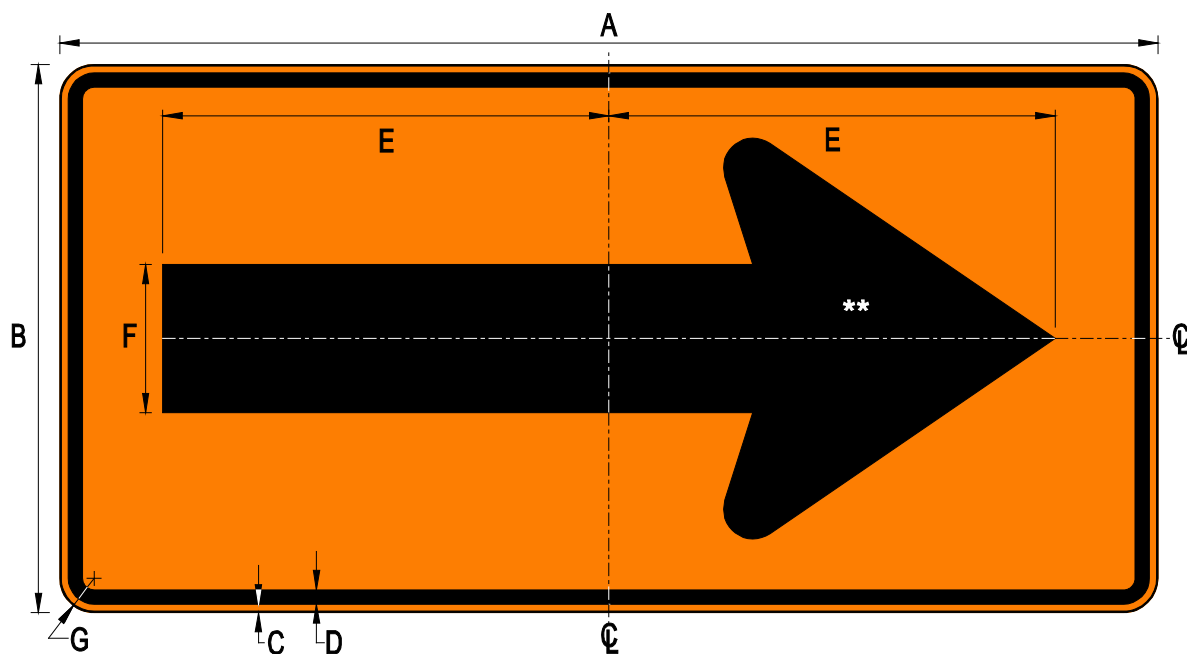
W1-13 (V)  
TRUCK ROLLOVER

| A  | B    | C    | D     | E    | F    | G     | H   | J    | K     | L     | M    |
|----|------|------|-------|------|------|-------|-----|------|-------|-------|------|
| 60 | 0.75 | 1.25 | 24.42 | 8.25 | 6.64 | 18.09 | 60° | 1.92 | 20.41 | 24.42 | 3.84 |

| N |
|---|
| 3 |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details and truck image detail.

COLORS:   LEGEND       — BLACK  
              BACKGROUND   — YELLOW       (RETROREFLECTIVE)

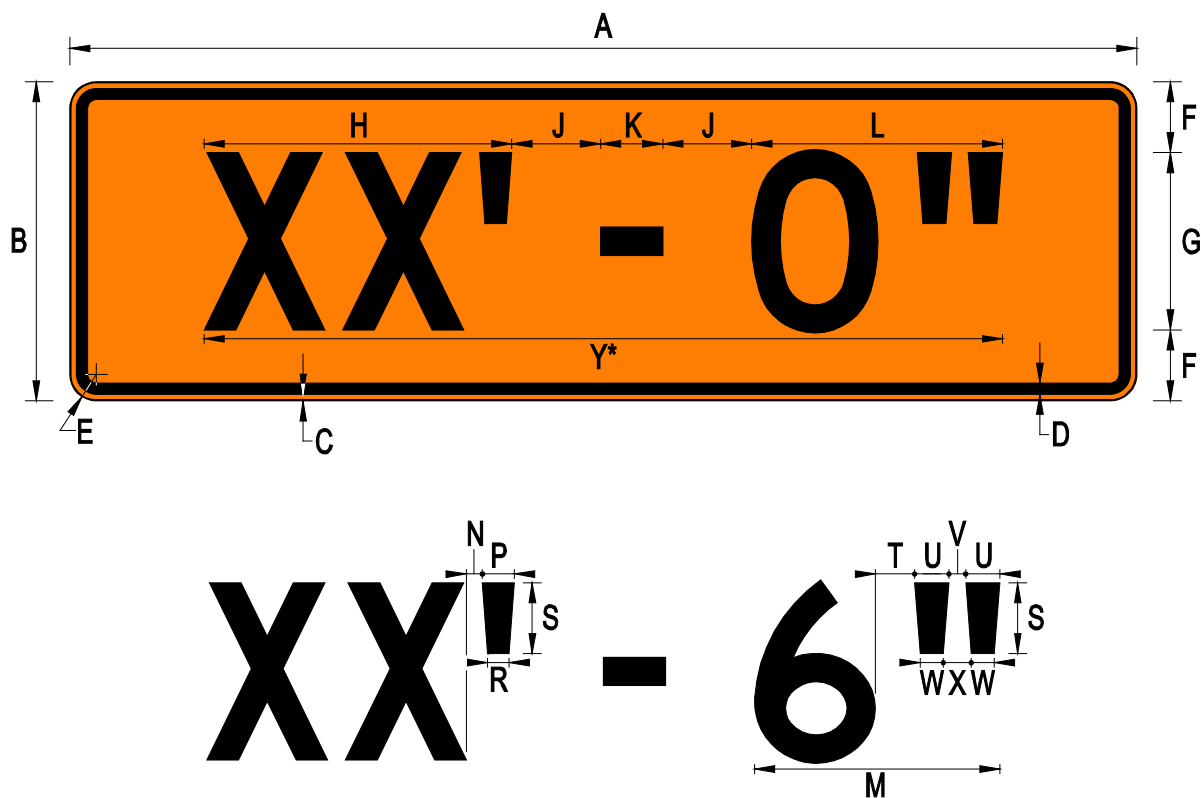


W1-V1  
ONE-DIRECTION LARGE ARROW

| A  | B  | C    | D    | E  | F  | G |
|----|----|------|------|----|----|---|
| 96 | 48 | 0.75 | 1.25 | 39 | 13 | 3 |

\*\* Refer to FHWA Standard  
Highway Signs book for standard  
arrow details.

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



W5-VP1  
Lane Width (Plaque)

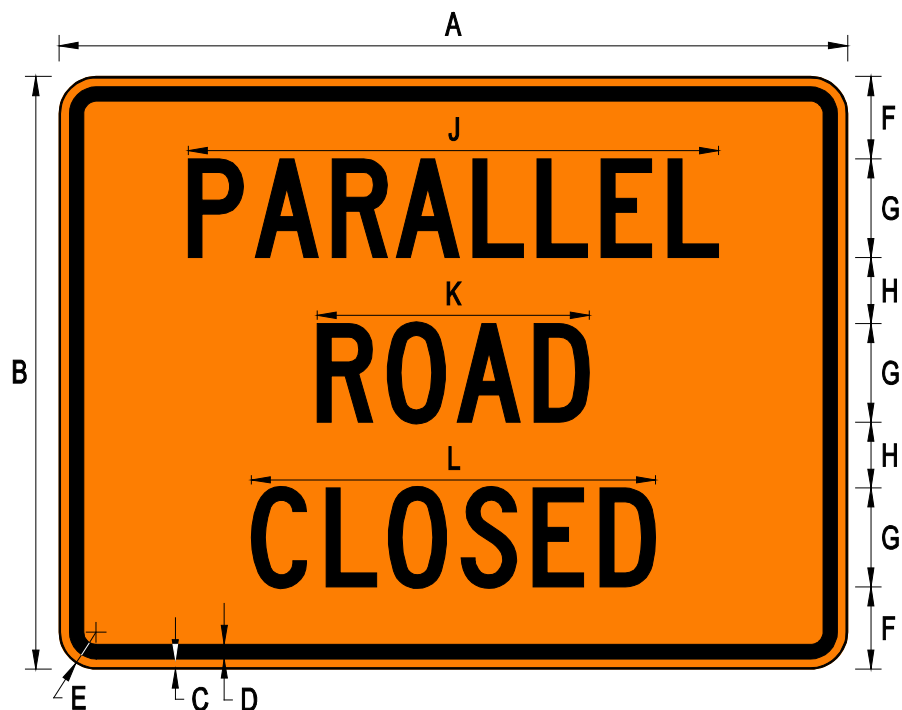
| A  | B  | C     | D     | E   | F | G    | H    | J | K   | L    | M    |
|----|----|-------|-------|-----|---|------|------|---|-----|------|------|
| 48 | 18 | 0.375 | 0.625 | 1.5 | 5 | 8 D  | Var. | 4 | 2.8 | 11.3 | 11   |
| 60 | 18 | 0.375 | 0.625 | 1.5 | 4 | 10 D | Var. | 5 | 3.5 | 14.1 | 13.8 |

| N    | P    | R    | S   | T    | U      | W      | X      | Y      | Z    |
|------|------|------|-----|------|--------|--------|--------|--------|------|
| 0.72 | 1.44 | 0.96 | 3.2 | 1.76 | 1.5438 | 0.7523 | 1.0386 | 1.2575 | Var. |
| 0.9  | 1.8  | 1.2  | 4   | 2.2  | 1.9298 | 0.9404 | 1.2982 | 1.5719 | Var. |

\* Legend shall be centered on sign panel.

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



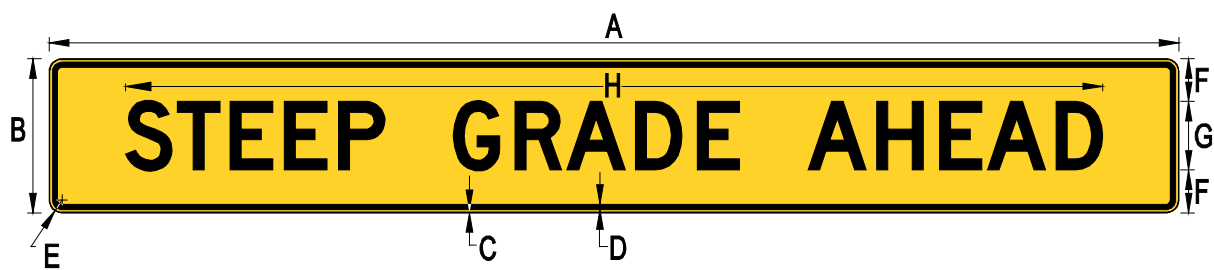


W6-VP1

PARALLEL ROAD CLOSED (Plaque)

| A  | B  | C     | D     | E    | F | G   | H | J    | K    | L    |
|----|----|-------|-------|------|---|-----|---|------|------|------|
| 48 | 36 | 0.625 | 0.875 | 2.25 | 5 | 6 C | 4 | 32.3 | 16.6 | 24.6 |

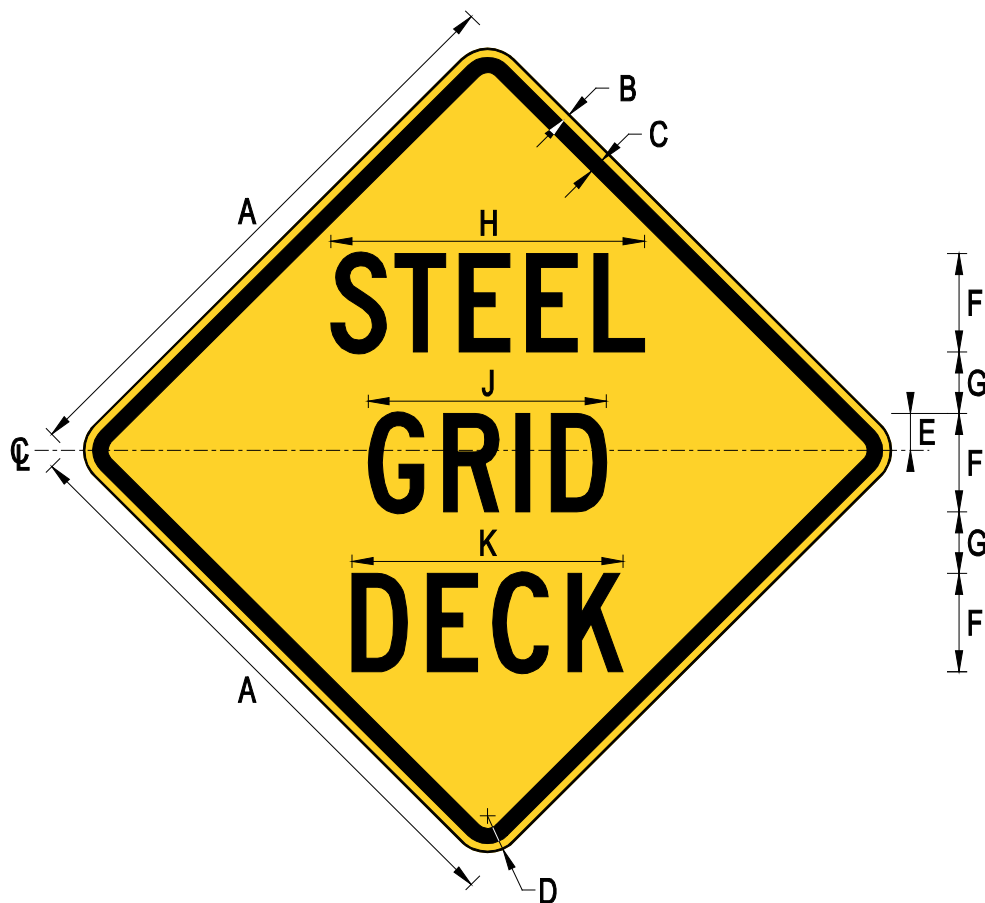
TTC SIGN COLORS:   LEGEND                   — BLACK  
                               BACKGROUND       — FLUORESCENT ORANGE (RETROREFLECTIVE)



W7-VP1  
STEEP GRADE AHEAD (Plaque)

| A   | B  | C     | D     | E   | F | G   | H     |
|-----|----|-------|-------|-----|---|-----|-------|
| 144 | 18 | 0.375 | 0.625 | 1.5 | 5 | 8 D | 114.2 |

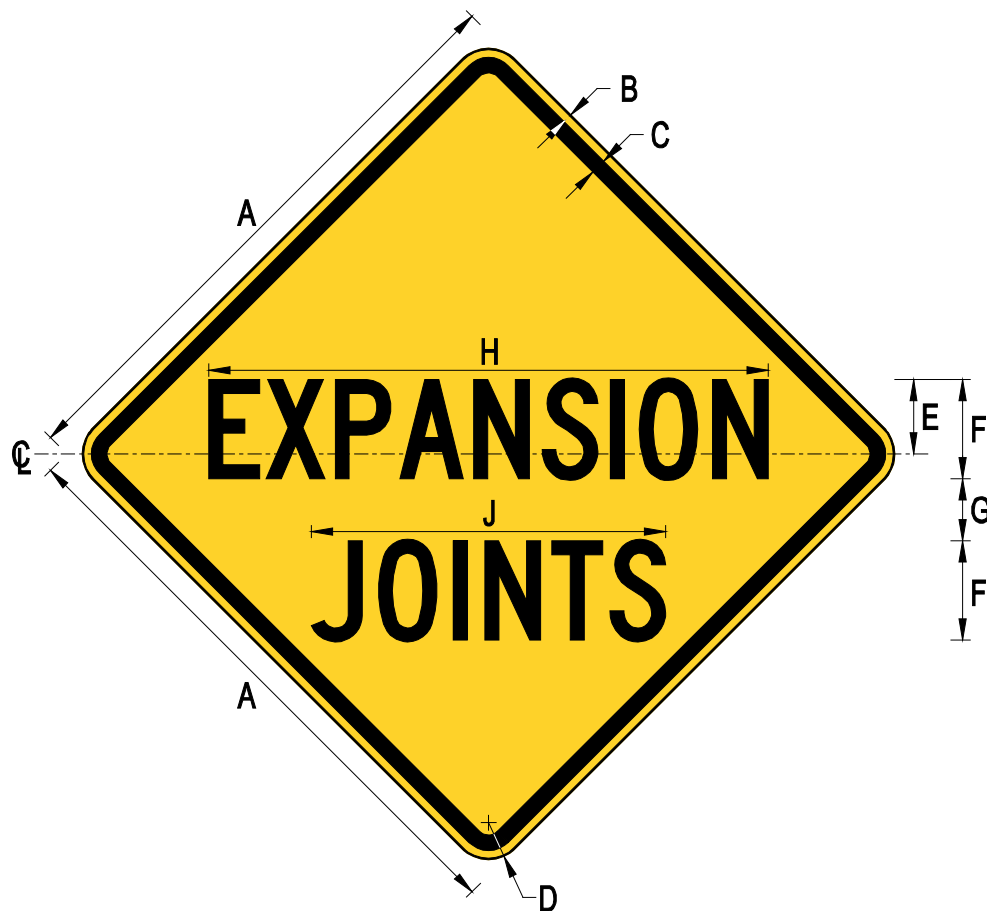
COLORS:    LEGEND    — BLACK  
                  BACKGROUND    — YELLOW    (RETROREFLECTIVE)



W8-V1  
STEEL GRID DECK

| A  | B     | C     | D    | E    | F    | G    | H    | J    | K    |
|----|-------|-------|------|------|------|------|------|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 2.25 | 6 C  | 3.75 | 19   | 14.5 | 16.4 |
| 48 | 0.75  | 1.25  | 3    | 3    | 8 C  | 5    | 25.4 | 19.3 | 21.9 |
| 60 | 0.75  | 1.25  | 3    | 5    | 10 C | 6    | 31.7 | 24.1 | 27.4 |

COLORS:   LEGEND       — BLACK  
              BACKGROUND   — YELLOW       (RETROREFLECTIVE)



W8-V2  
EXPANSION JOINTS

| A  | B     | C     | D    | E   | F    | G | H    | J    |
|----|-------|-------|------|-----|------|---|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 4.5 | 6 C  | 4 | 34.5 | 21.5 |
| 48 | 0.75  | 1.25  | 3    | 6   | 8 C  | 5 | 45   | 28.5 |
| 60 | 0.75  | 1.25  | 3    | 7   | 10 C | 6 | 59.4 | 37.2 |

COLORS:   LEGEND       — BLACK  
              BACKGROUND   — YELLOW       (RETROREFLECTIVE)



W8-V3

OPEN JOINTS ON BRIDGE

| A  | B     | C     | D    | E   | F   | G | H    | J    |
|----|-------|-------|------|-----|-----|---|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 5   | 5 C | 3 | 35   | 28   |
| 48 | 0.75  | 1.25  | 3    | 6.5 | 6 C | 5 | 45.1 | 37.1 |
| 60 | 0.75  | 1.25  | 3    | 8.5 | 8 C | 6 | 60.1 | 48.5 |

COLORS:   LEGEND       — BLACK  
               BACKGROUND   — YELLOW       (RETROREFLECTIVE)



W8-V4

UNMARKED PAVEMENT AHEAD

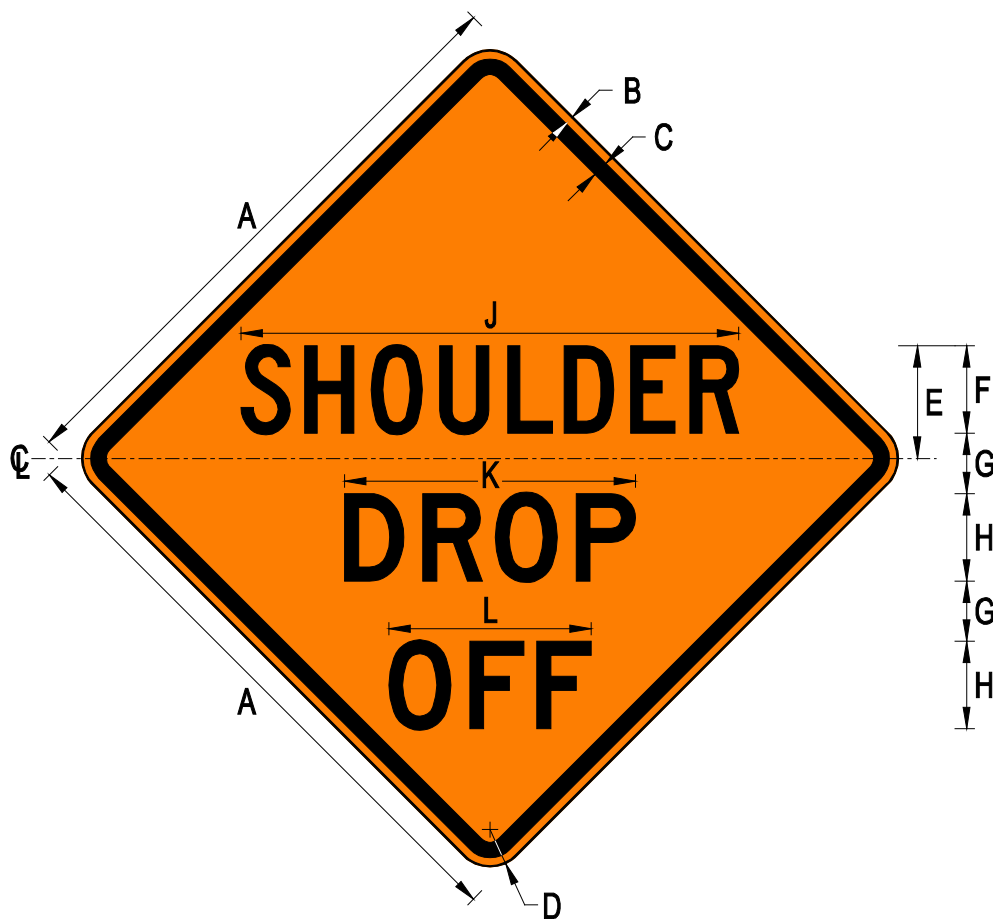
| A  | B     | C     | D    | E   | F   | G | H  | J    | K  |
|----|-------|-------|------|-----|-----|---|----|------|----|
| 36 | 0.625 | 0.875 | 2.25 | 7.5 | 5 C | 3 | 28 | 27.9 | 17 |
| 48 | 0.75  | 1.25  | 3    | 9   | 6 D | 4 | 40 | 39.7 | 25 |

TTC SIGN COLORS:

LEGEND  
BACKGROUND

— BLACK

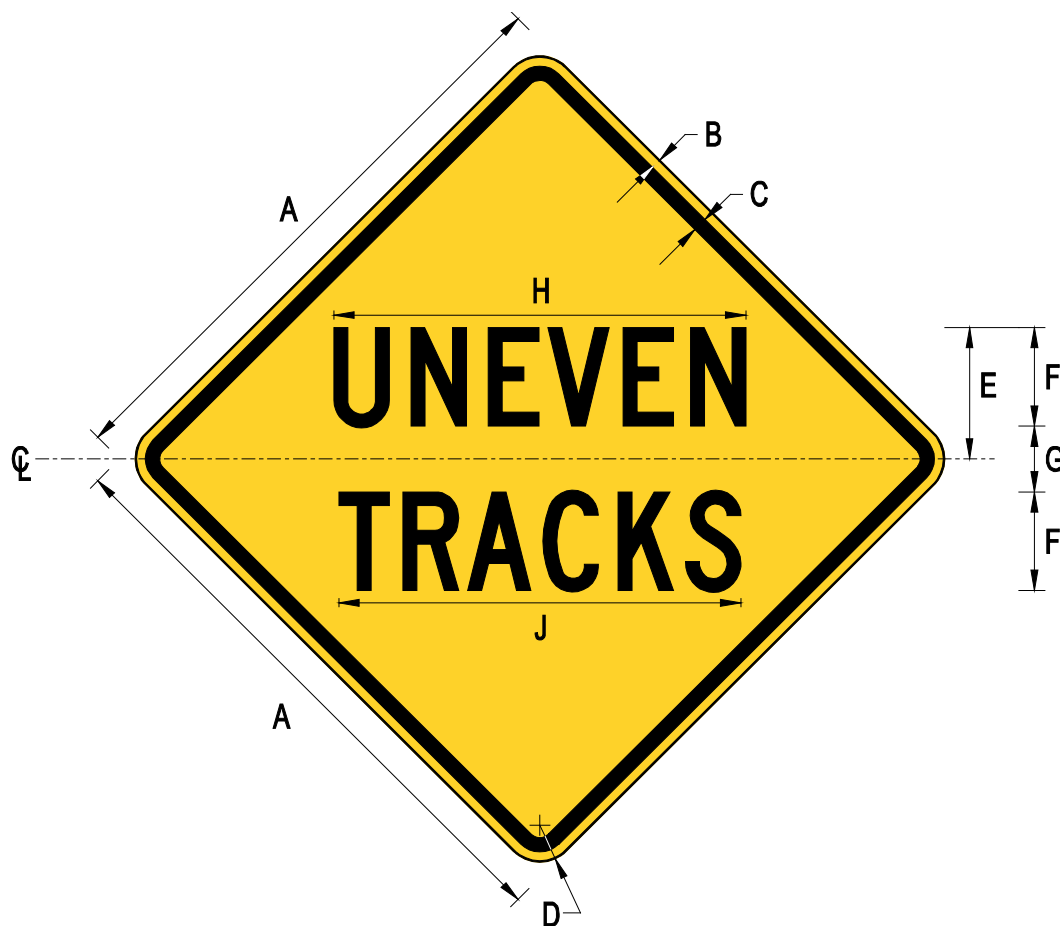
— FLUORESCENT ORANGE (RETROREFLECTIVE)



W8-V5  
SHOULDER DROP OFF

| A  | B     | C     | D    | E     | F   | G     | H   | J    | K    | L    |
|----|-------|-------|------|-------|-----|-------|-----|------|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 6.625 | 5 C | 4     | 5 D | 28.5 | 16.6 | 11.6 |
| 48 | 0.75  | 1.25  | 3    | 9     | 7 C | 4.813 | 7 D | 39.8 | 23.3 | 16.2 |

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

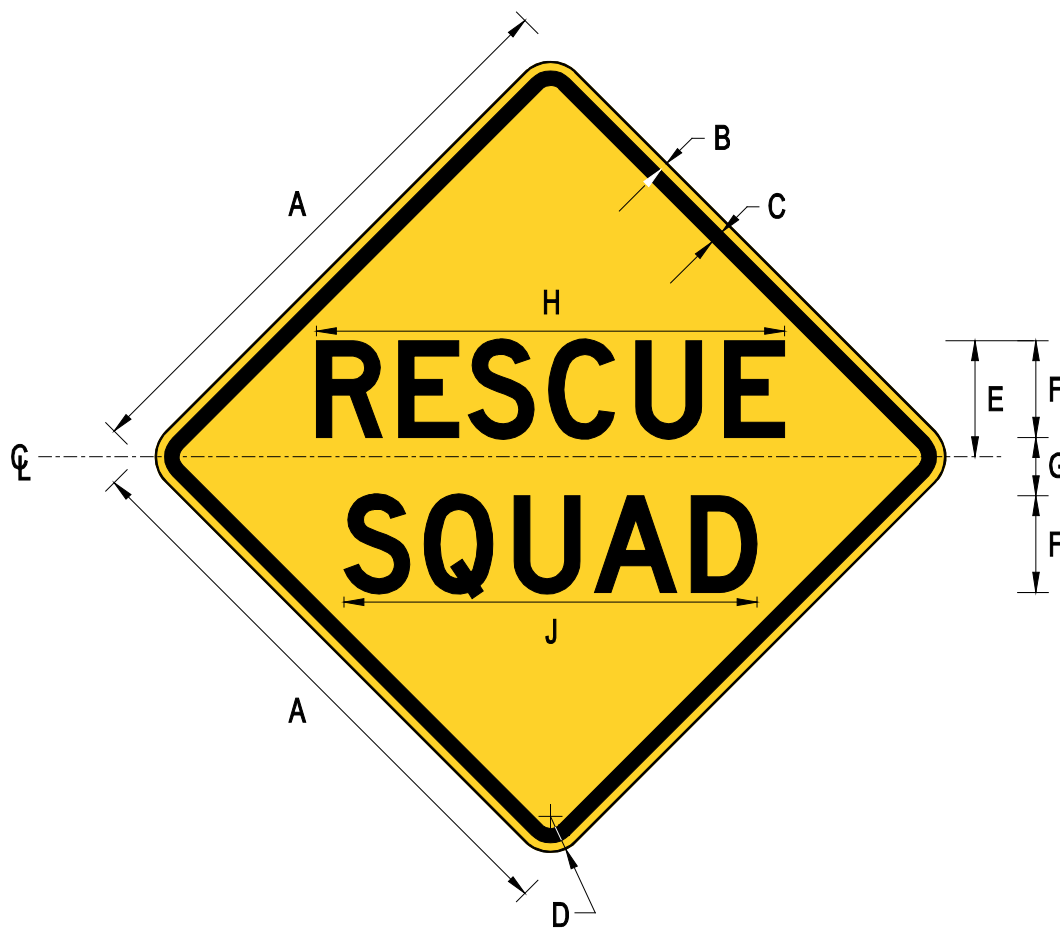


W10-V1  
UNEVEN TRACKS

| A  | B     | C     | D    | E  | F   | G | H    | J    |
|----|-------|-------|------|----|-----|---|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 8  | 6 C | 4 | 25   | 24.4 |
| 48 | 0.75  | 1.25  | 3    | 11 | 8 C | 6 | 33.3 | 32.5 |

COLORS:   LEGEND       — BLACK  
              BACKGROUND   — YELLOW       (RETROREFLECTIVE)

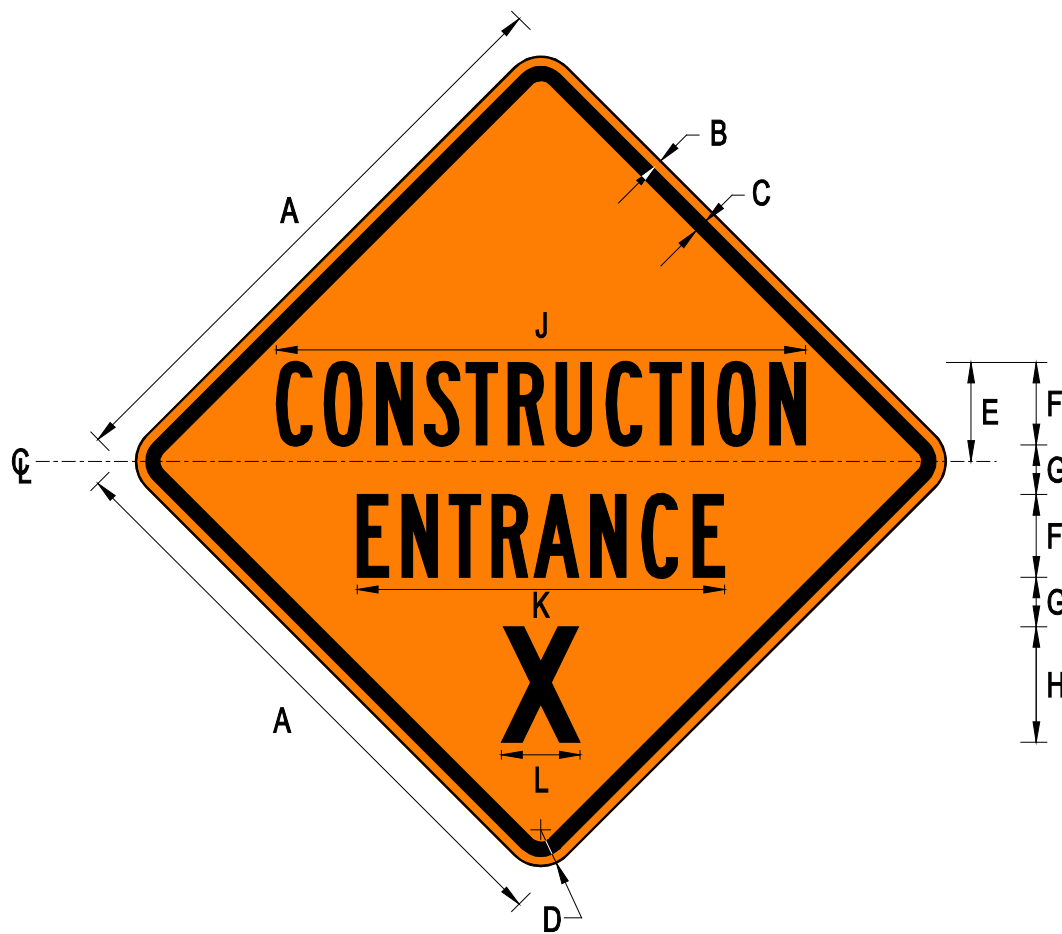




W11-V1  
RESCUE SQUAD

| A  | B     | C     | D     | E   | F   | G | H    | J    |
|----|-------|-------|-------|-----|-----|---|------|------|
| 30 | 0.5   | 0.75  | 1.875 | 6   | 5 D | 3 | 24.2 | 21.3 |
| 36 | 0.625 | 0.875 | 2.25  | 7   | 6 D | 4 | 29   | 25.6 |
| 48 | 0.75  | 1.25  | 3     | 9.5 | 8 D | 5 | 38.7 | 34.2 |

COLORS:   LEGEND       — BLACK  
              BACKGROUND   — YELLOW       (RETROREFLECTIVE)



W11-V2

CONSTRUCTION ENTRANCE

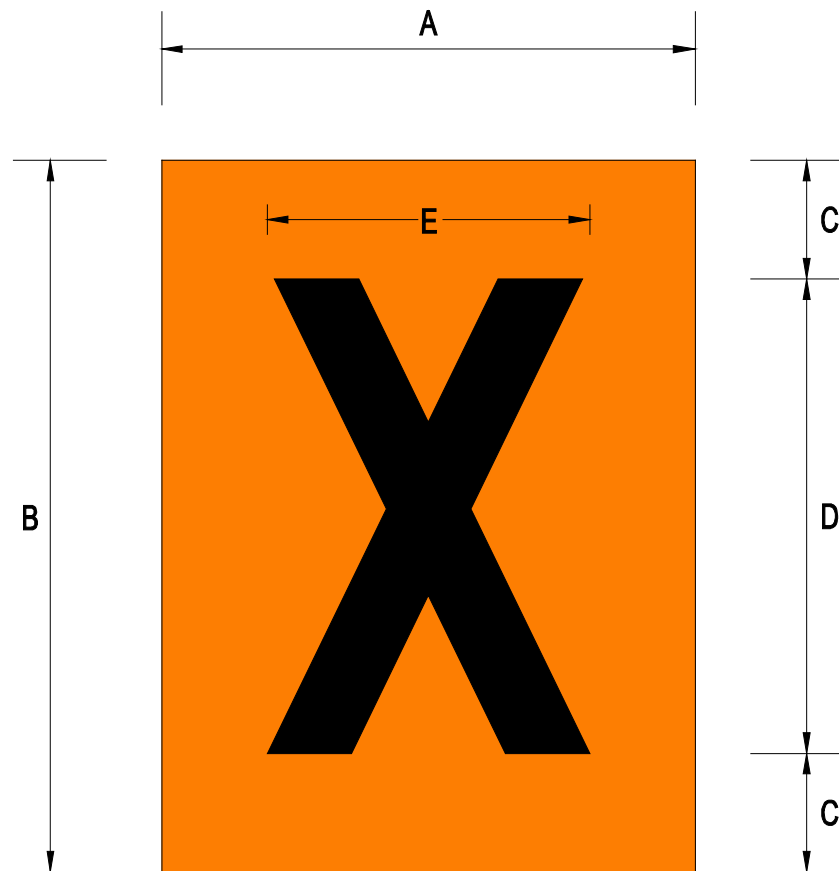
| A  | B     | C     | D    | E  | F   | G | H   | J    | K    | L    |
|----|-------|-------|------|----|-----|---|-----|------|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 6  | 5 B | 3 | 7 D | 32   | 22.2 | Var. |
| 48 | 0.75  | 1.25  | 3    | 10 | 6 B | 4 | 8 D | 38.5 | 26.6 | Var. |

TTC SIGN COLORS:

LEGEND  
BACKGROUND

— BLACK

— FLUORESCENT ORANGE (RETROREFLECTIVE)



W11-VP1

Number Overlay for W11-V2 Sign

| A | B  | C   | D   | E    |
|---|----|-----|-----|------|
| 8 | 10 | 1.5 | 7 D | Var. |
| 9 | 12 | 2   | 8 D | Var. |

TTC SIGN COLORS:

LEGEND  
BACKGROUND

— BLACK

— FLUORESCENT ORANGE (RETROREFLECTIVE)



W11-V3

WATCH FOR TURNING VEHICLES

| A  | B     | C     | D    | E   | F   | G | H    | J    | K    |
|----|-------|-------|------|-----|-----|---|------|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 2.5 | 5 C | 3 | 17.4 | 38   | 25.8 |
| 48 | 0.75  | 1.25  | 3    | 3   | 6 C | 5 | 20.8 | 45.6 | 31   |

WARNING SIGN COLORS:

LEGEND — BLACK  
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK  
BACKGROUND — FLUORESCENT ORANGE (RETROREFLECTIVE)



W11-V4

TRUCKS ENTERING HIGHWAY

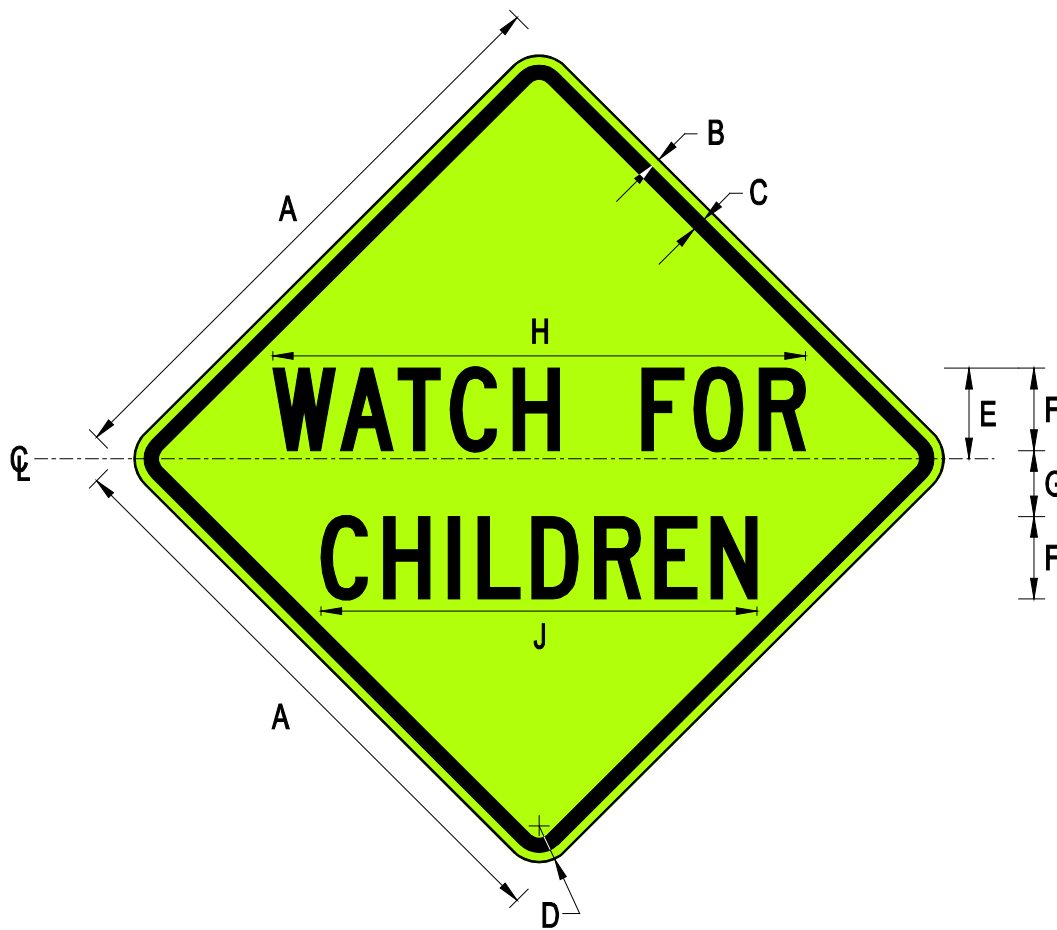
| A  | B     | C     | D    | E | F   | G   | H    | J    | K    |
|----|-------|-------|------|---|-----|-----|------|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 3 | 5 C | 3.5 | 20.7 | 25.6 | 23   |
| 48 | 0.75  | 1.25  | 3    | 4 | 6 D | 4   | 29.4 | 36.1 | 34.5 |

TTC SIGN COLORS:

LEGEND  
BACKGROUND

— BLACK

— FLUORESCENT ORANGE (RETROREFLECTIVE)

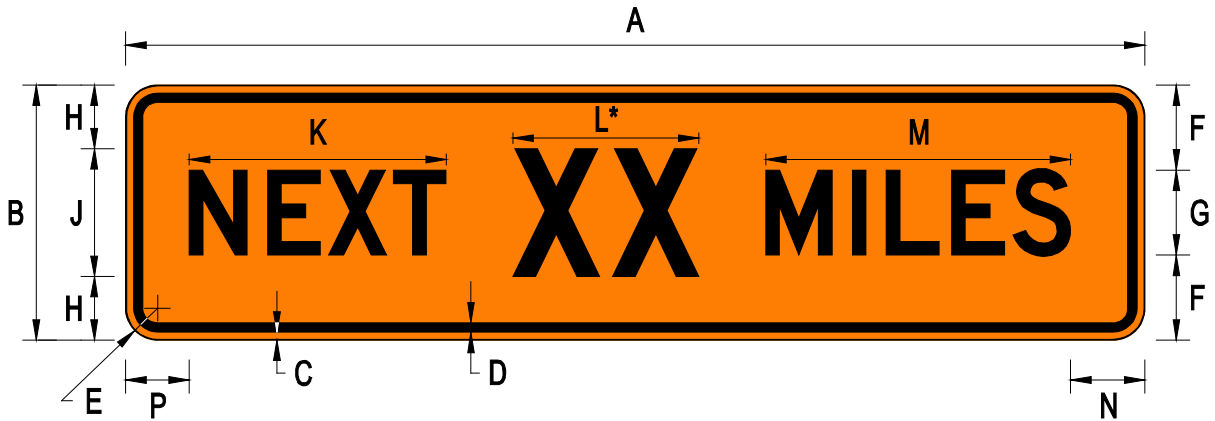


W15-V1

WATCH FOR CHILDREN

| A  | B     | C     | D     | E   | F   | G | H    | J    |
|----|-------|-------|-------|-----|-----|---|------|------|
| 30 | 0.5   | 0.75  | 1.875 | 4.5 | 4 C | 3 | 25.8 | 21.1 |
| 36 | 0.625 | 0.875 | 2.25  | 5.5 | 5 C | 4 | 32.3 | 26.4 |
| 48 | 0.75  | 1.25  | 3     | 7   | 7 C | 4 | 45.1 | 37   |

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



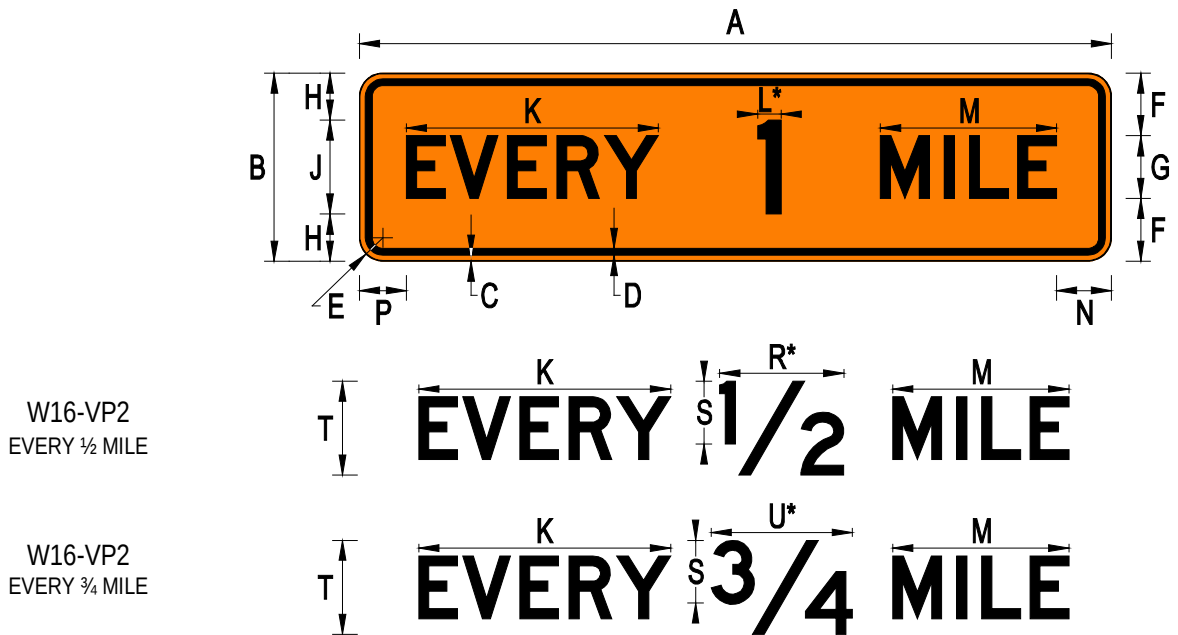
W16-VP1  
NEXT XX MILES (Plaque)

| A  | B  | C     | D     | E   | F | G   | H   | J   | K    | L    | M    |
|----|----|-------|-------|-----|---|-----|-----|-----|------|------|------|
| 48 | 12 | 0.375 | 0.438 | 1.5 | 4 | 4 D | 3   | 6 D | 12.1 | Var. | 14.4 |
| 60 | 18 | 0.375 | 0.625 | 1.5 | 6 | 6 C | 4.5 | 9 C | 15.2 | Var. | 18.5 |

| N   | P   |
|-----|-----|
| 3.5 | 3   |
| 3.5 | 3.5 |

\* The number shall be centered between "NEXT" and "MILES."

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



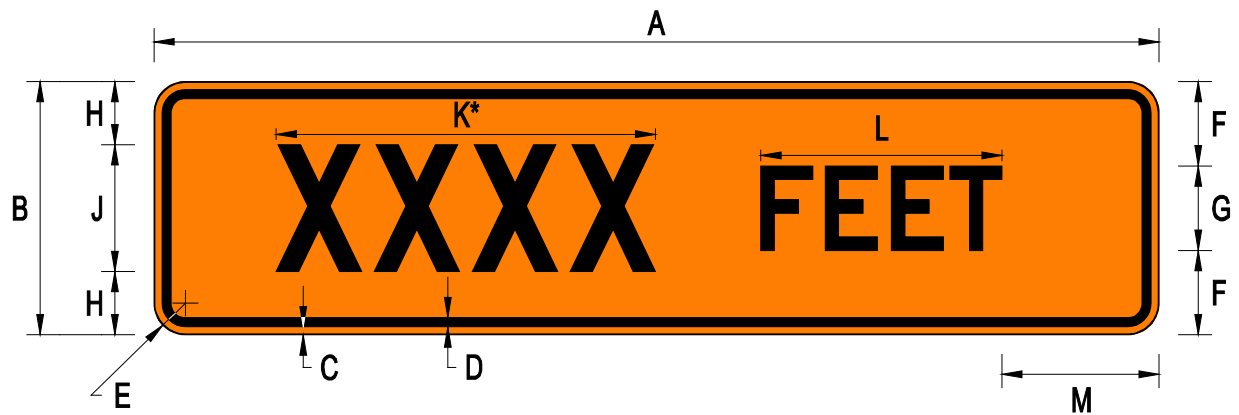
W16-VP2  
EVERY 1 MILE (Plaque)

| A  | B  | C     | D     | E   | F | G   | H   | J   | K    | L   | M    |
|----|----|-------|-------|-----|---|-----|-----|-----|------|-----|------|
| 48 | 12 | 0.375 | 0.438 | 1.5 | 4 | 4 D | 3   | 6 D | 16.1 | 1.5 | 11.2 |
| 60 | 18 | 0.375 | 0.625 | 1.5 | 6 | 6 C | 4.5 | 9 C | 20   | 1.9 | 14.4 |

| N   | P   | R    | S   | T | U  |
|-----|-----|------|-----|---|----|
| 3.5 | 3   | 7.9  | 4 D | 6 | 9  |
| 3.5 | 3.5 | 10.6 | 6 C | 9 | 12 |

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



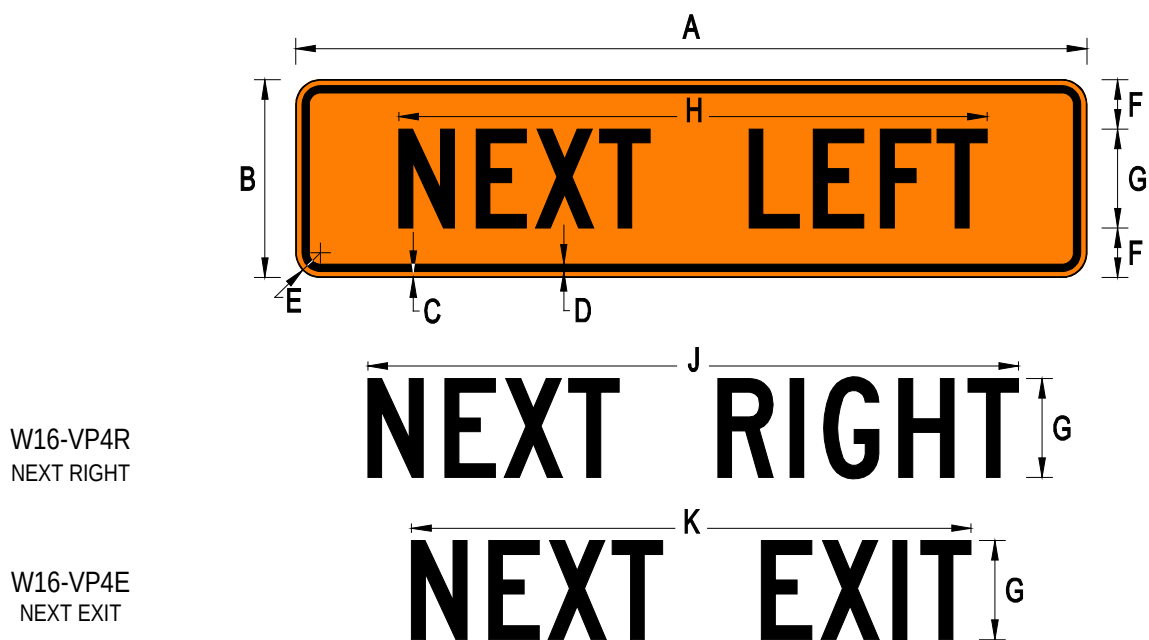


W16-VP3  
XX FEET (Plaque)

| A  | B  | C     | D     | E   | F | G   | H | J   | K    | L    | M   |
|----|----|-------|-------|-----|---|-----|---|-----|------|------|-----|
| 48 | 12 | 0.375 | 0.438 | 1.5 | 4 | 4 D | 3 | 6 D | Var. | 11.5 | 7.5 |
| 60 | 18 | 0.375 | 0.625 | 1.5 | 6 | 6 D | 5 | 8 D | Var. | 17.3 | 7   |

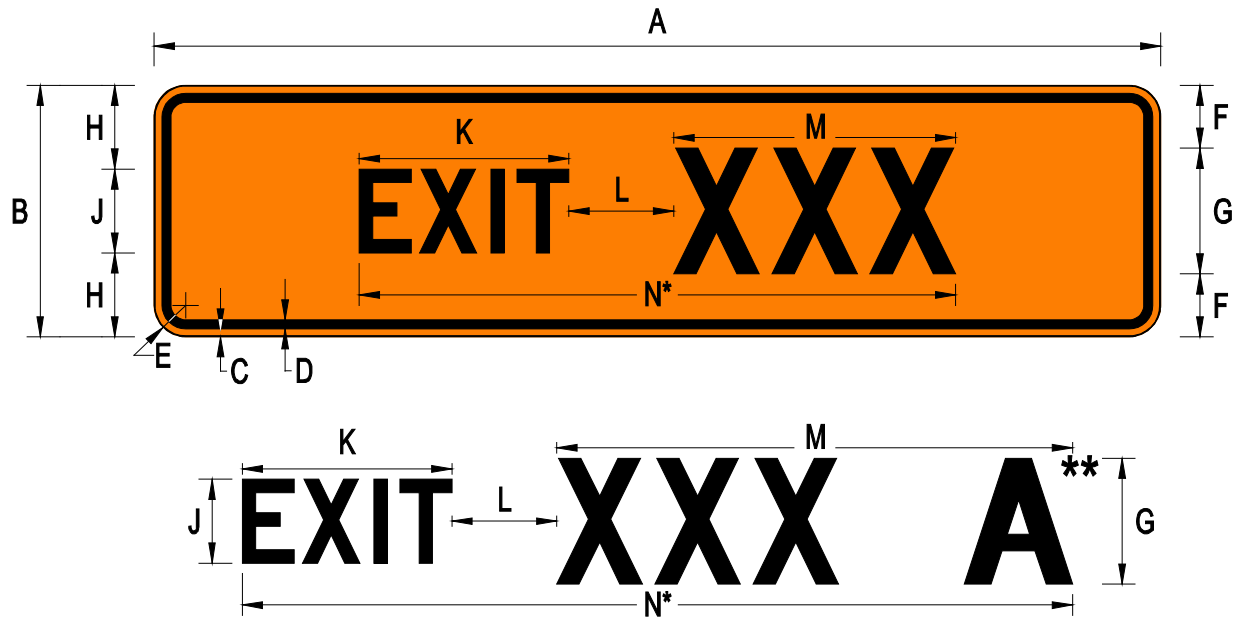
\* The number shall be centered  
between the border and "FEET."

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



| A  | B  | C     | D     | E   | F | G   | H    | J    | K    |
|----|----|-------|-------|-----|---|-----|------|------|------|
| 48 | 12 | 0.375 | 0.438 | 1.5 | 3 | 6 C | 34   | 35.7 | 39.5 |
| 60 | 18 | 0.375 | 0.625 | 1.5 | 5 | 8 C | 45.3 | 47.6 | 52.6 |

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



W16-VP5  
EXIT Number (Plaque)

| A  | B  | C     | D     | E   | F | G   | H | J   | K  | L | M        |
|----|----|-------|-------|-----|---|-----|---|-----|----|---|----------|
| 48 | 12 | 0.375 | 0.438 | 1.5 | 3 | 6 D | 4 | 4 D | 10 | 5 | Var.***  |
| 60 | 18 | 0.375 | 0.625 | 1.5 | 5 | 8 D | 6 | 6 D | 15 | 7 | Var.**** |

| N    |
|------|
| Var. |
| Var. |

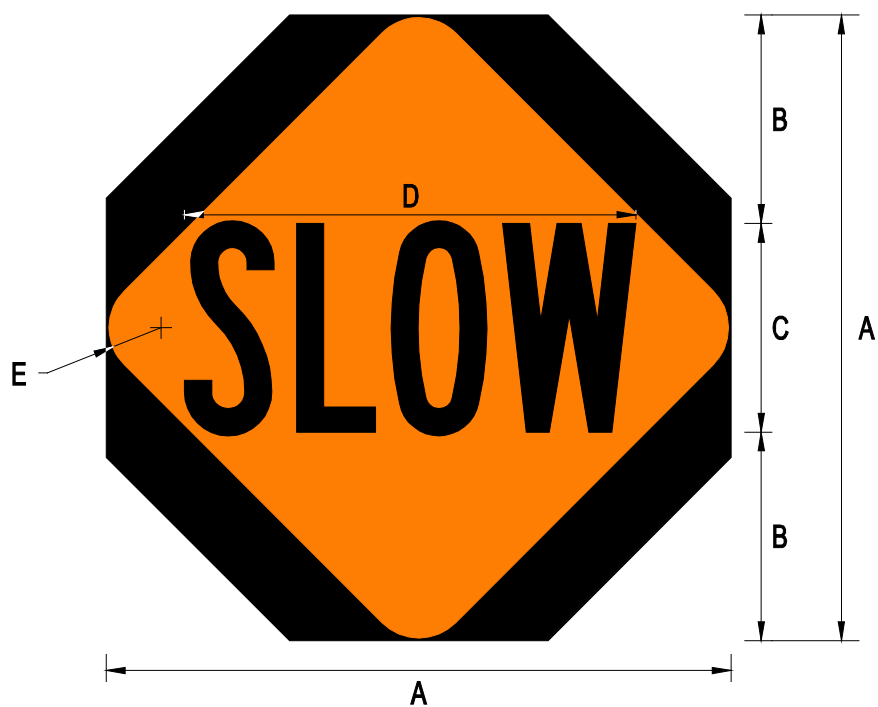
\* Legend shall be centered on sign panel.

\*\* The lettering could be A, B, C, etc. depending on interchange configuration.

\*\*\* If M exceeds 25" then C Text is allowed.

\*\*\*\* If M exceeds 26" then C Text is allowed.

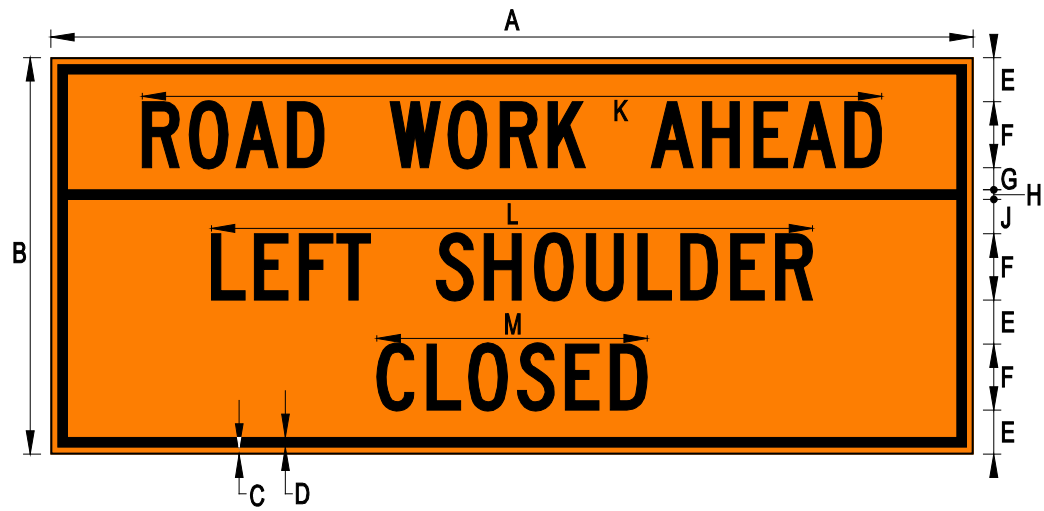
TTC SIGN COLORS:    LEGEND            — BLACK  
                                 BACKGROUND    — FLUORESCENT ORANGE (RETROREFLECTIVE)



W20-8 (V)  
SLOW (Paddle / AFAD)

| A  | B  | C    | D    | E |
|----|----|------|------|---|
| 24 | 8  | 8 B  | 17.3 | 2 |
| 36 | 12 | 12 B | 26   | 3 |

TTC SIGN COLORS:    LEGEND                      — BLACK  
                                  BACKGROUND                      — FLUORESCENT ORANGE (RETROREFLECTIVE)  
                                  AREA OUTSIDE OF DIAMOND — BLACK



W20-V1R  
RIGHT  
SHOULDER  
CLOSED

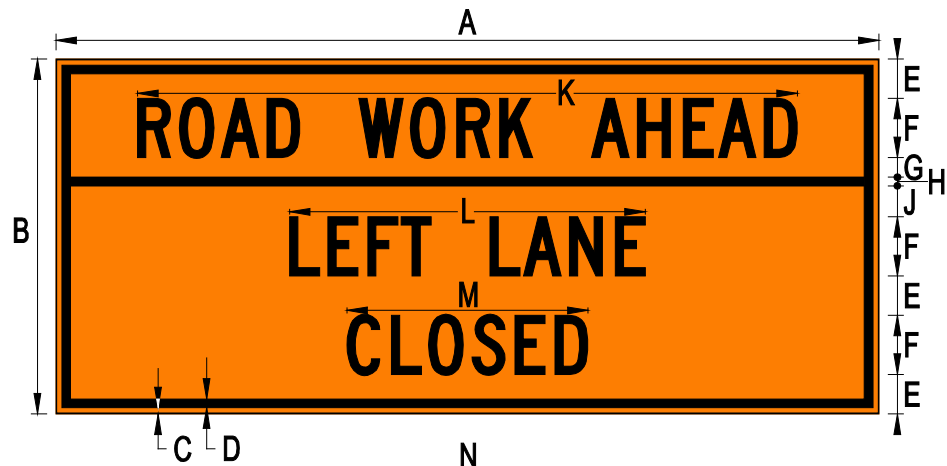
RIGHT SHOULDER

W20-V1L  
ROAD WORK AHEAD - LEFT SHOULDER CLOSED (Vehicle-Mounted Sign)

| A  | B  | C     | D     | E | F   | G | H     | J     | K    | L    | M    |
|----|----|-------|-------|---|-----|---|-------|-------|------|------|------|
| 84 | 36 | 0.625 | 0.875 | 4 | 6 C | 2 | 0.875 | 3.125 | 67.3 | 54.7 | 24.6 |

| N    |
|------|
| 58.5 |

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



W20-V2R  
RIGHT LANE CLOSED

W20-V2C  
CENTER LANE CLOSED

RIGHT LANE  
CENTER LANE

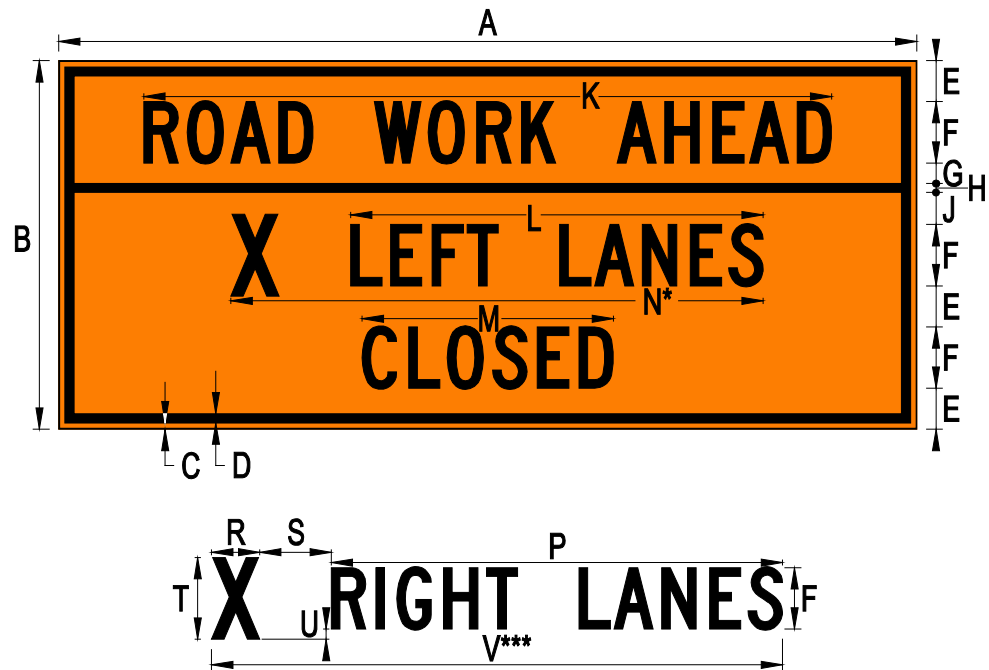
W20-V2L

ROAD WORK AHEAD - LEFT LANE CLOSED (Vehicle-Mounted Sign)

| A  | B  | C     | D     | E | F   | G | H     | J     | K    | L    | M    |
|----|----|-------|-------|---|-----|---|-------|-------|------|------|------|
| 84 | 36 | 0.625 | 0.875 | 4 | 6 C | 2 | 0.875 | 3.125 | 67.3 | 36.3 | 24.6 |

| N    | P  |
|------|----|
| 40.1 | 46 |

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



W20-V2aR  
X RIGHT LANES  
CLOSED

W20-V2aL

ROAD WORK AHEAD – X LEFT LANES CLOSED (Vehicle-Mounted Sign)

| A  | B  | C     | D     | E | F   | G | H     | J     | K    | L    | M    |
|----|----|-------|-------|---|-----|---|-------|-------|------|------|------|
| 84 | 36 | 0.625 | 0.875 | 4 | 6 C | 2 | 0.875 | 3.125 | 67.3 | 40.4 | 24.6 |

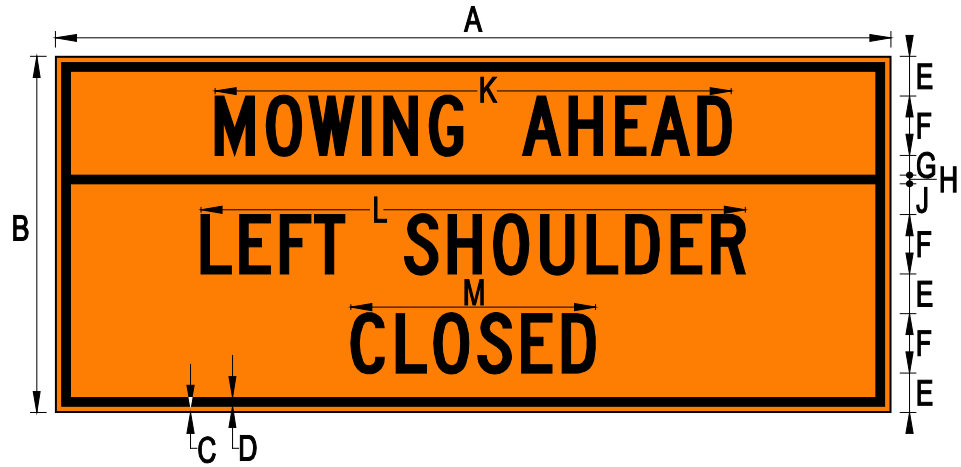
  

| N    | P    | R    | S | T  | U | V    |
|------|------|------|---|----|---|------|
| Var. | 44.2 | Var. | 7 | 8C | 1 | Var. |

\* Legend "X Left Lanes" shall be centered on sign panel.

\*\*\* Legend "X Right Lanes" shall be centered on sign panel.

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



W20-V3R  
RIGHT SHOULDER  
CLOSED

N  
**RIGHT SHOULDER**  
F

W20-V3L

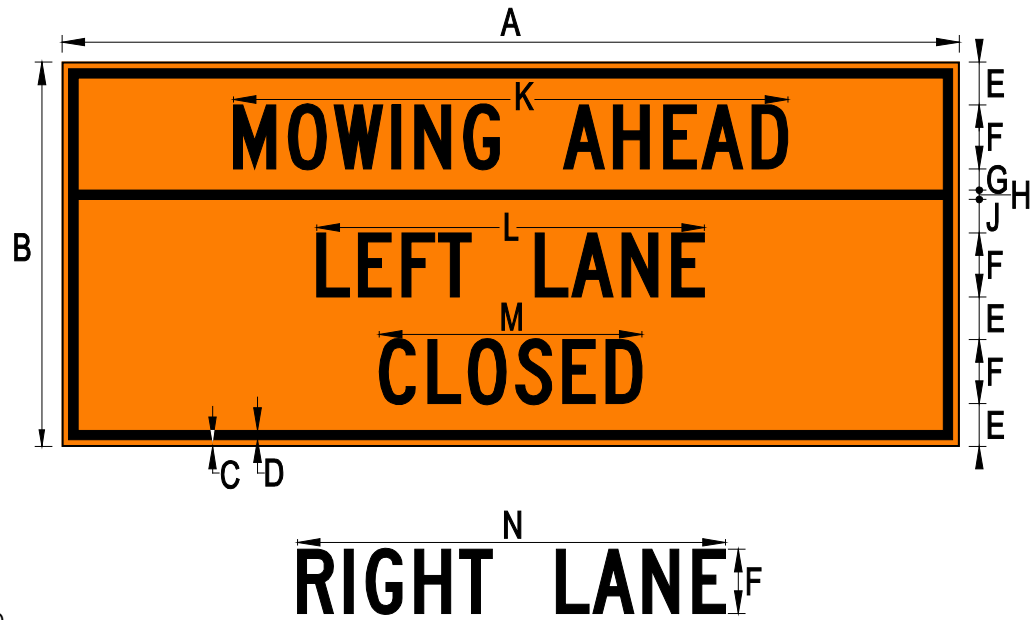
MOWING AHEAD - LEFT SHOULDER CLOSED (Vehicle-Mounted Sign)

| A  | B  | C     | D     | E | F   | G | H     | J     | K    | L    | M    |
|----|----|-------|-------|---|-----|---|-------|-------|------|------|------|
| 84 | 36 | 0.625 | 0.875 | 4 | 6 C | 2 | 0.875 | 3.125 | 51.9 | 54.7 | 24.6 |

| N    |
|------|
| 58.5 |

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

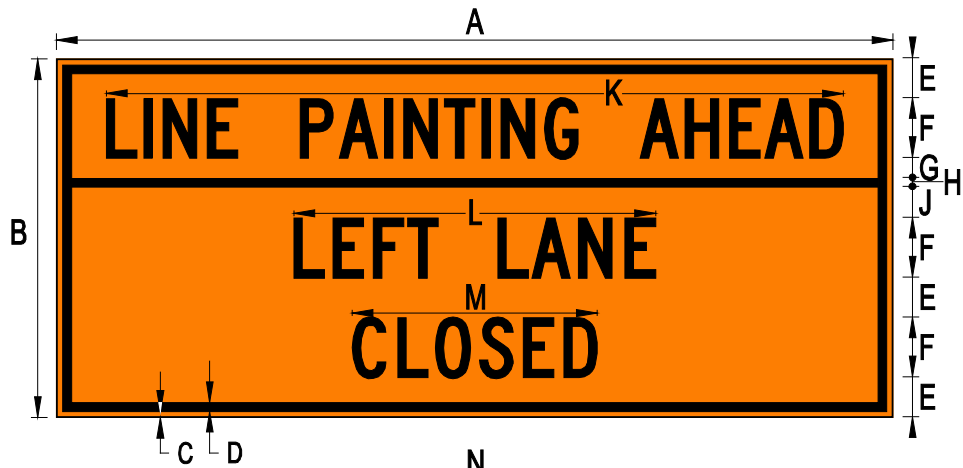




| A  | B  | C     | D     | E | F   | G | H     | J     | K    | L    | M    |
|----|----|-------|-------|---|-----|---|-------|-------|------|------|------|
| 84 | 36 | 0.625 | 0.875 | 4 | 6 C | 2 | 0.875 | 3.125 | 51.9 | 36.3 | 24.6 |

| N    |
|------|
| 40.1 |

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



W20-V5R  
RIGHT LANE CLOSED

W20-V5C  
CENTER LANE CLOSED

RIGHT LANE  
CENTER LANE

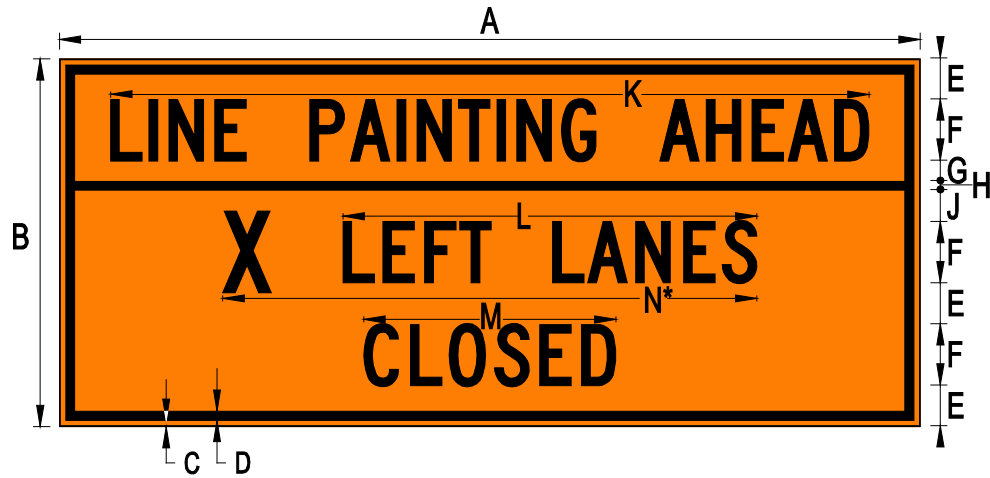
W20-V5L

LINE PAINTING AHEAD - LEFT LANE CLOSED (Vehicle-Mounted Sign)

| A  | B  | C     | D     | E | F   | G | H     | J     | K  | L    | M    |
|----|----|-------|-------|---|-----|---|-------|-------|----|------|------|
| 84 | 36 | 0.625 | 0.875 | 4 | 6 C | 2 | 0.875 | 3.125 | 74 | 36.3 | 24.6 |

| N    | P  |
|------|----|
| 40.1 | 46 |

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



W20-V5aR  
X RIGHT LANES  
CLOSED



W20-V5aL

LINE PAINTING AHEAD - X LEFT LANES CLOSED (Vehicle-Mounted Sign)

| A  | B  | C     | D     | E | F   | G | H     | J     | K  | L    | M    |
|----|----|-------|-------|---|-----|---|-------|-------|----|------|------|
| 84 | 36 | 0.625 | 0.875 | 4 | 6 C | 2 | 0.875 | 3.125 | 74 | 40.4 | 24.6 |

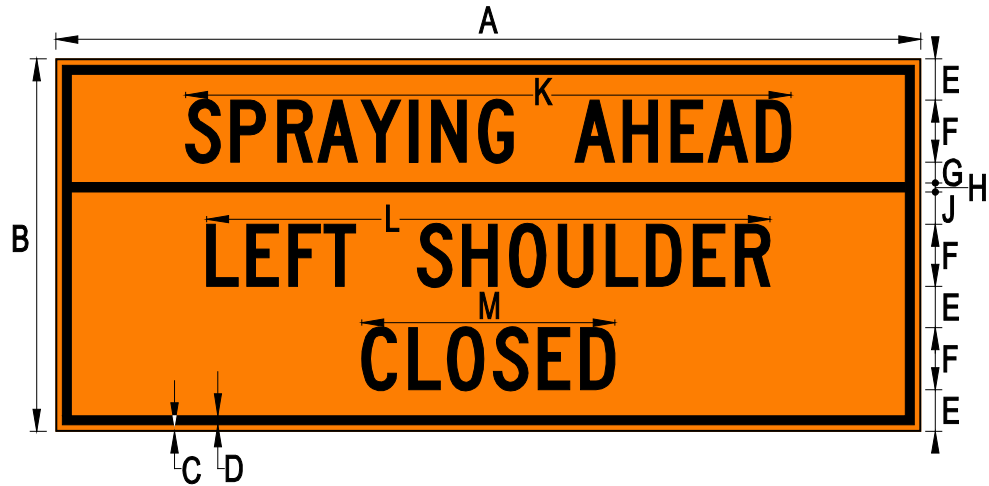
  

| N    | P    | R    | S | T   | U | V    |
|------|------|------|---|-----|---|------|
| Var. | 44.2 | Var. | 7 | 8 C | 1 | Var. |

\* Legend "X Left Lanes" shall be centered on sign panel.

\*\*\* Legend "X Right Lanes" shall be centered on sign panel.

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



W20-V6R  
RIGHT SHOULDER  
CLOSED



W20-V6L

SPRAYING AHEAD - LEFT SHOULDER CLOSED (Vehicle-Mounted Sign)

| A  | B  | C     | D     | E | F   | G | H     | J     | K    | L    | M    |
|----|----|-------|-------|---|-----|---|-------|-------|------|------|------|
| 84 | 36 | 0.625 | 0.875 | 4 | 6 C | 2 | 0.875 | 3.125 | 58.8 | 54.7 | 24.6 |

| N    |
|------|
| 58.5 |

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



W20-V7R  
RIGHT LANE CLOSED

N  
RIGHT LANE

W20-V7L

SPRAYING AHEAD - LEFT LANE CLOSED (Vehicle-Mounted Sign)

| A  | B  | C     | D     | E | F   | G | H     | J     | K    | L    | M    |
|----|----|-------|-------|---|-----|---|-------|-------|------|------|------|
| 84 | 36 | 0.625 | 0.875 | 4 | 6 C | 2 | 0.875 | 3.125 | 58.8 | 36.3 | 24.6 |

| N    |
|------|
| 40.1 |

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



W20-V8R  
RIGHT LANE CLOSED

W20-V8C  
CENTER LANE CLOSED

RIGHT LANE  
CENTER LANE

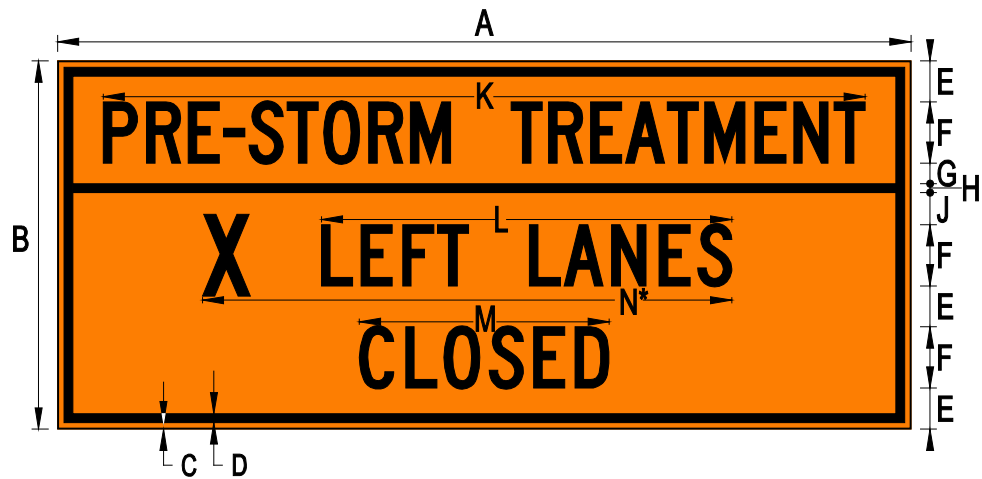
W20-V8L

PRE-STORM TREATMENT - LEFT LANE CLOSED (Vehicle-Mounted Sign)

| A  | B  | C     | D     | E | F   | G | H     | J     | K  | L    | M    |
|----|----|-------|-------|---|-----|---|-------|-------|----|------|------|
| 84 | 36 | 0.625 | 0.875 | 4 | 6 C | 2 | 0.875 | 3.125 | 75 | 36.3 | 24.6 |

| N    | P  |
|------|----|
| 40.1 | 46 |

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



W20-V8aR  
X RIGHT LANES  
CLOSED



W20-V8aL

PRE-STORM TREATMENT - X LEFT LANES CLOSED (Vehicle-Mounted Sign)

| A  | B  | C     | D     | E | F   | G | H     | J     | K  | L    | M    |
|----|----|-------|-------|---|-----|---|-------|-------|----|------|------|
| 84 | 36 | 0.625 | 0.875 | 4 | 6 C | 2 | 0.875 | 3.125 | 75 | 40.4 | 24.6 |

| N    | P    | R    | S | T   | U | V    |
|------|------|------|---|-----|---|------|
| Var. | 44.2 | Var. | 7 | 8 C | 1 | Var. |

\* Legend "X Left Lanes" shall be centered on sign panel.

\*\*\* Legend "X Right Lanes" shall be centered on sign panel.

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



## W20-V9

PRE-STORM TREATMENT (Vehicle-Mounted Sign)

| A  | B  | C     | D     | E   | F    | G   | H   | J    | K    |
|----|----|-------|-------|-----|------|-----|-----|------|------|
| 48 | 18 | 0.375 | 0.625 | 1.5 | 2.75 | 5 D | 2.5 | 34.4 | 36.3 |

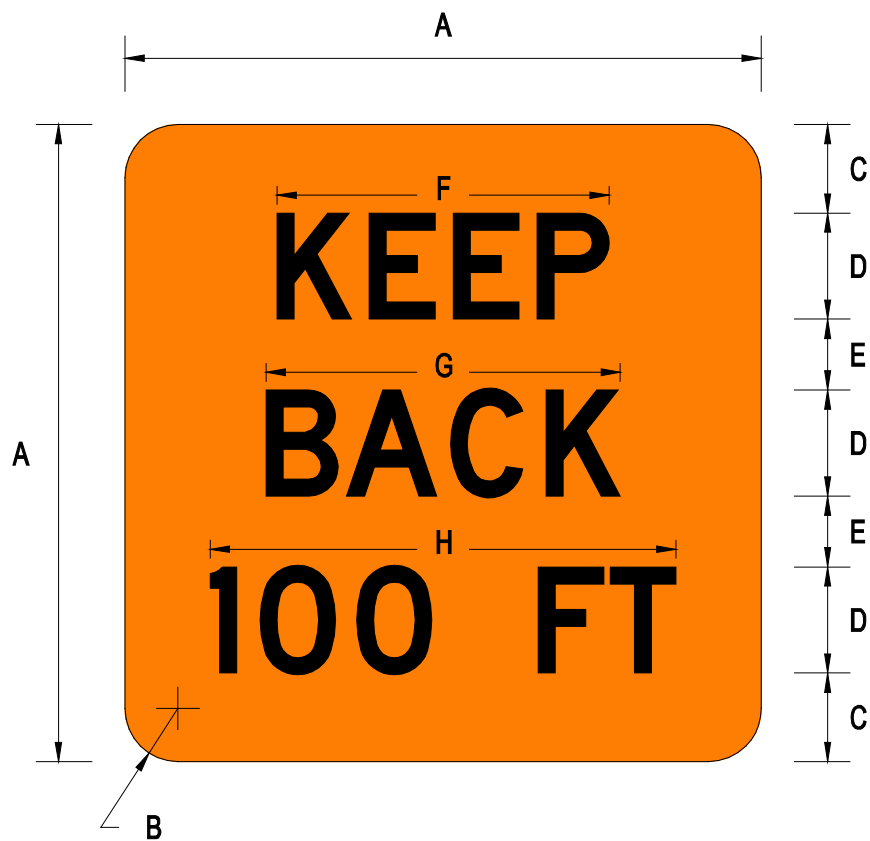
TTC SIGN COLORS:

LEGEND  
BACKGROUND

— BLACK

— FLUORESCENT ORANGE (RETROREFLECTIVE)



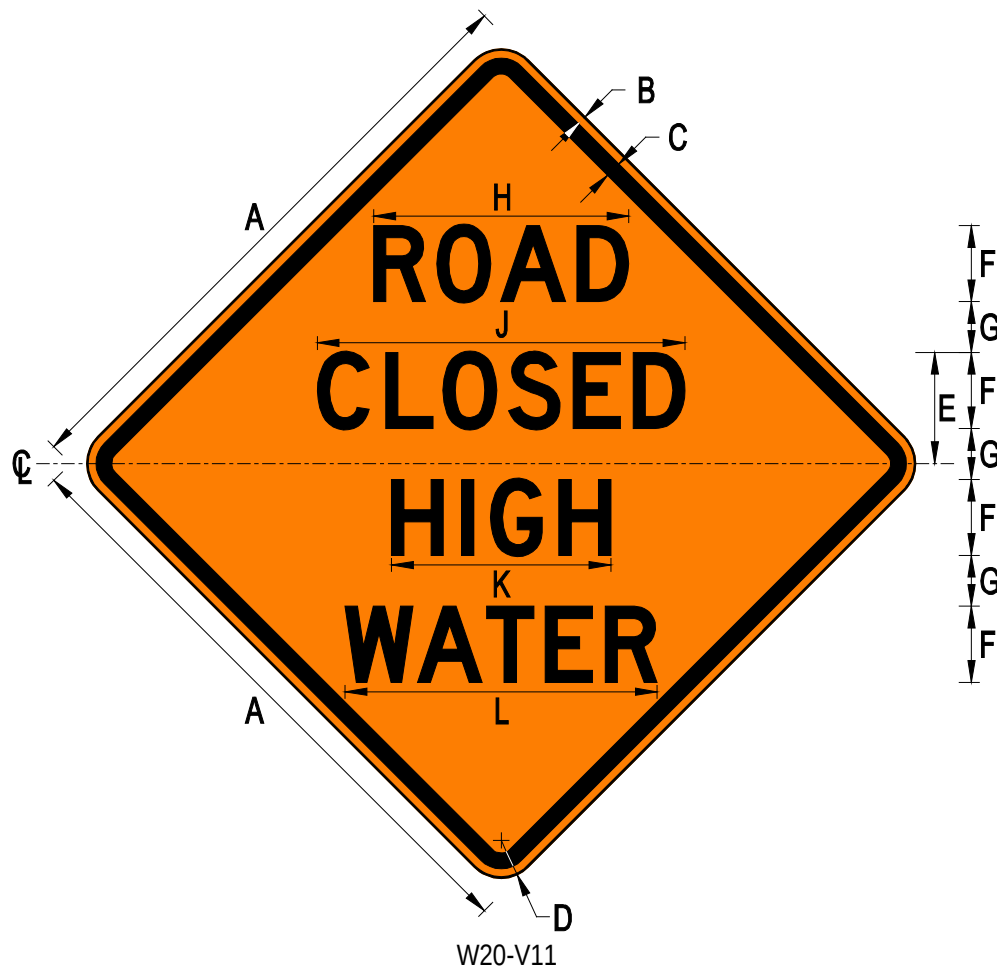


W20-V10

KEEP BACK 100 FT (Vehicle-Mounted Sign)

| A  | B   | C   | D   | E | F   | G  | H    |
|----|-----|-----|-----|---|-----|----|------|
| 18 | 1.5 | 2.5 | 3 D | 2 | 9.4 | 10 | 13.2 |

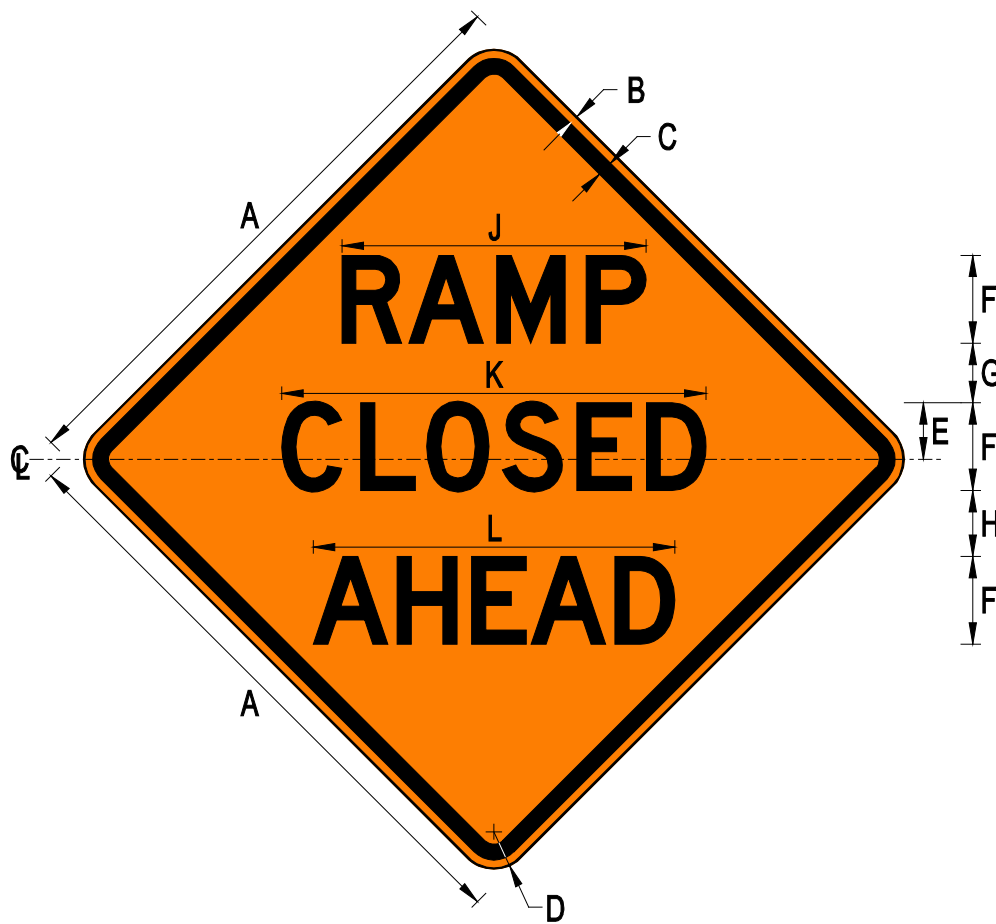
TTC SIGN COLORS:    LEGEND    — BLACK  
                                  BACKGROUND    — FLUORESCENT ORANGE (RETROREFLECTIVE)



ROAD CLOSED HIGH WATER

| A  | B     | C     | D    | E    | F   | G | H    | J    | K    | L    |
|----|-------|-------|------|------|-----|---|------|------|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 7    | 5 C | 3 | 13.8 | 20.5 | 12.2 | 17   |
| 48 | 0.75  | 1.25  | 3    | 8.75 | 6 D | 4 | 20.1 | 29   | 17.3 | 24.6 |

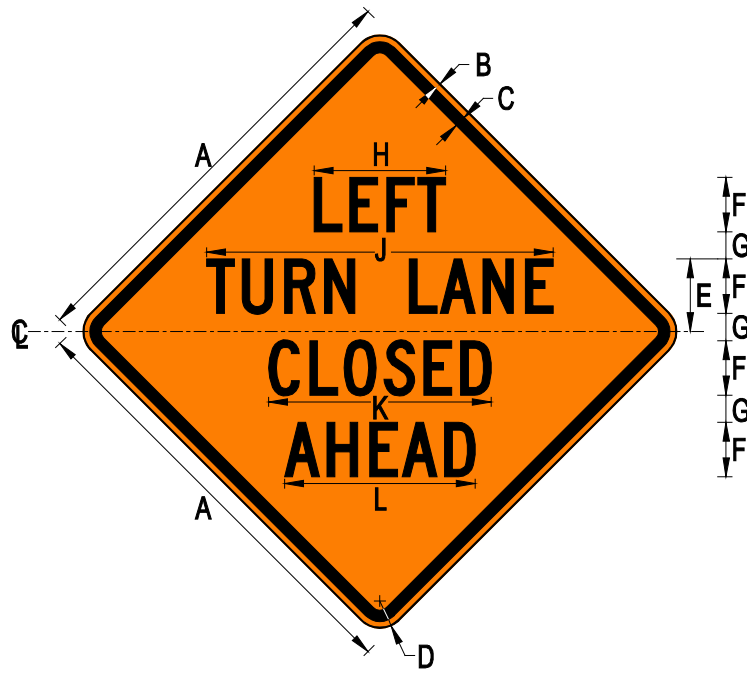
TTC SIGN COLORS:    LEGEND                      — BLACK  
                                     BACKGROUND                      — FLUORESCENT ORANGE (RETROREFLECTIVE)



W20-V12  
RAMP CLOSED AHEAD

| A  | B     | C     | D    | E    | F   | G    | H    | J    | K    | L    |
|----|-------|-------|------|------|-----|------|------|------|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 3.25 | 5 D | 3.5  | 3.75 | 17.3 | 24.1 | 20.6 |
| 48 | 0.75  | 1.25  | 3    | 4.5  | 7 D | 4.75 | 5.25 | 24.2 | 33.8 | 28.8 |

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



W20-V13R  
RIGHT TURN LANE

W20-V13C  
CENTER TURN LANE

RIGHT  
CENTER

W20-V13L  
LEFT TURN LANE CLOSED AHEAD

| A  | B     | C     | D    | E    | F   | G | H    | J    | K    | L    | M    |
|----|-------|-------|------|------|-----|---|------|------|------|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 5.72 | 5 C | 2 | 12.1 | 30   | 20.4 | 17.5 | 15.2 |
| 48 | 0.75  | 1.25  | 3    | 8    | 6 C | 3 | 14.5 | 38.2 | 24.5 | 21   | 18.2 |

| N    |
|------|
| 20.1 |
| 24.2 |

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

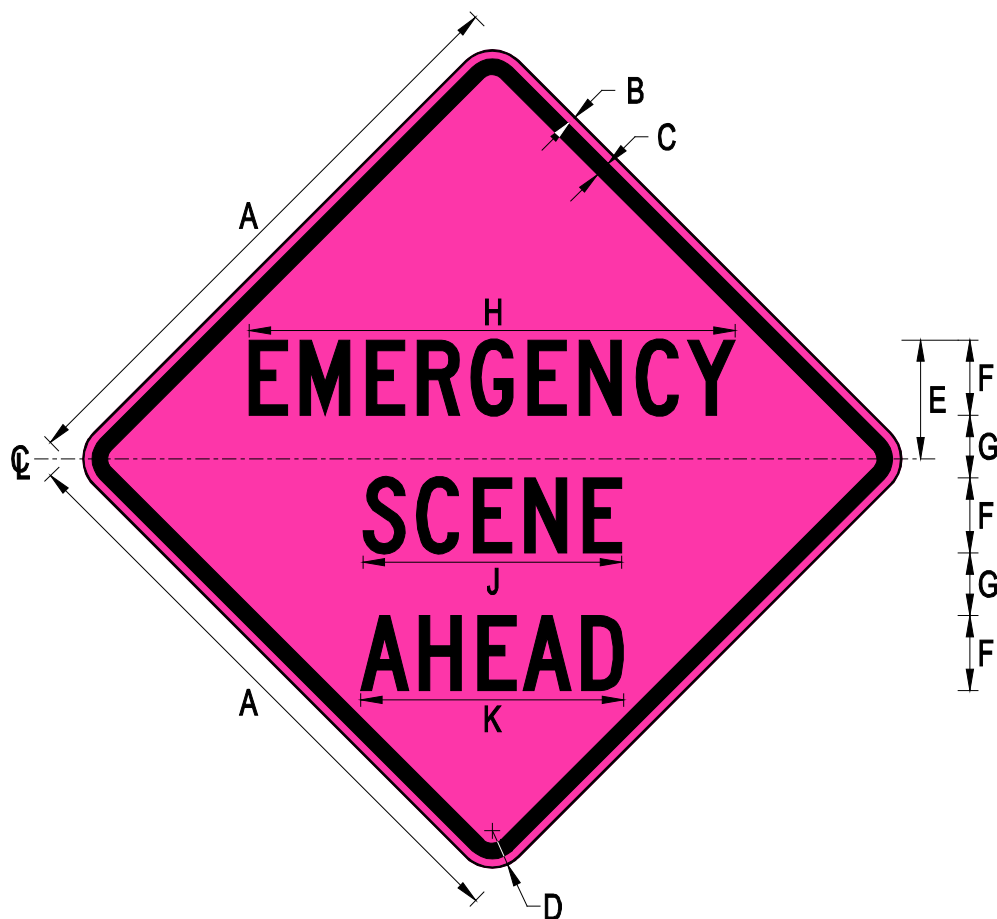


W20-V14

GROOVED PAVEMENT AHEAD

| A  | B    | C    | D    | E | F   | G    | H    | J    | K    |
|----|------|------|------|---|-----|------|------|------|------|
| 36 | 0.63 | 0.88 | 2.25 | 1 | 5 D | 2.75 | 28.5 | 32.5 | 21   |
| 48 | 0.75 | 1.25 | 3    | 3 | 6 D | 4    | 35.2 | 39.7 | 25.8 |

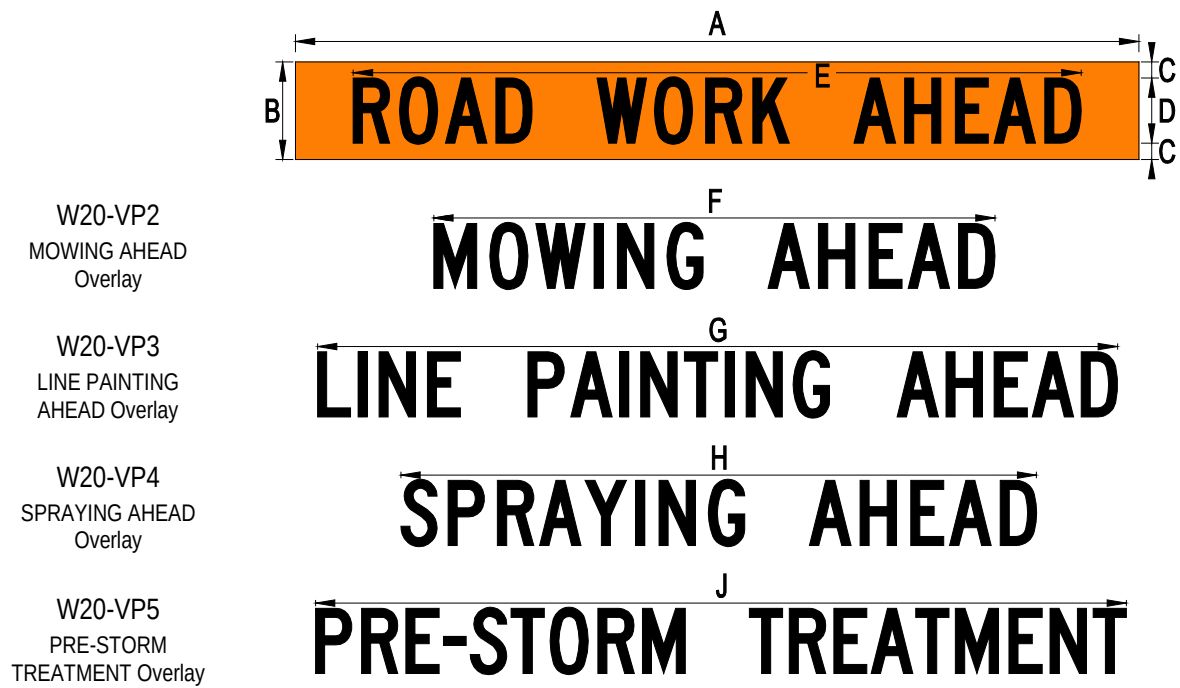
TTC SIGN COLORS:    LEGEND    — BLACK  
                                  BACKGROUND    — FLUORESCENT ORANGE (RETROREFLECTIVE)



W20-V25  
EMERGENCY SCENE AHEAD

| A  | B     | C     | D    | E    | F   | G    | H    | J    | K    |
|----|-------|-------|------|------|-----|------|------|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 8.75 | 5 B | 3.75 | 26   | 13.8 | 14.5 |
| 48 | 0.75  | 1.25  | 3    | 9.5  | 6 C | 5    | 38.8 | 20.6 | 21   |

INCIDENT MANAGEMENT SIGN COLORS:    LEGEND    — BLACK  
                                                                                                                          — FLUORESCENT PINK    (RETROREFLECTIVE)



## W20-VP1

ROAD WORK AHEAD Overlay for W20-V1 through W20-V8 Signs

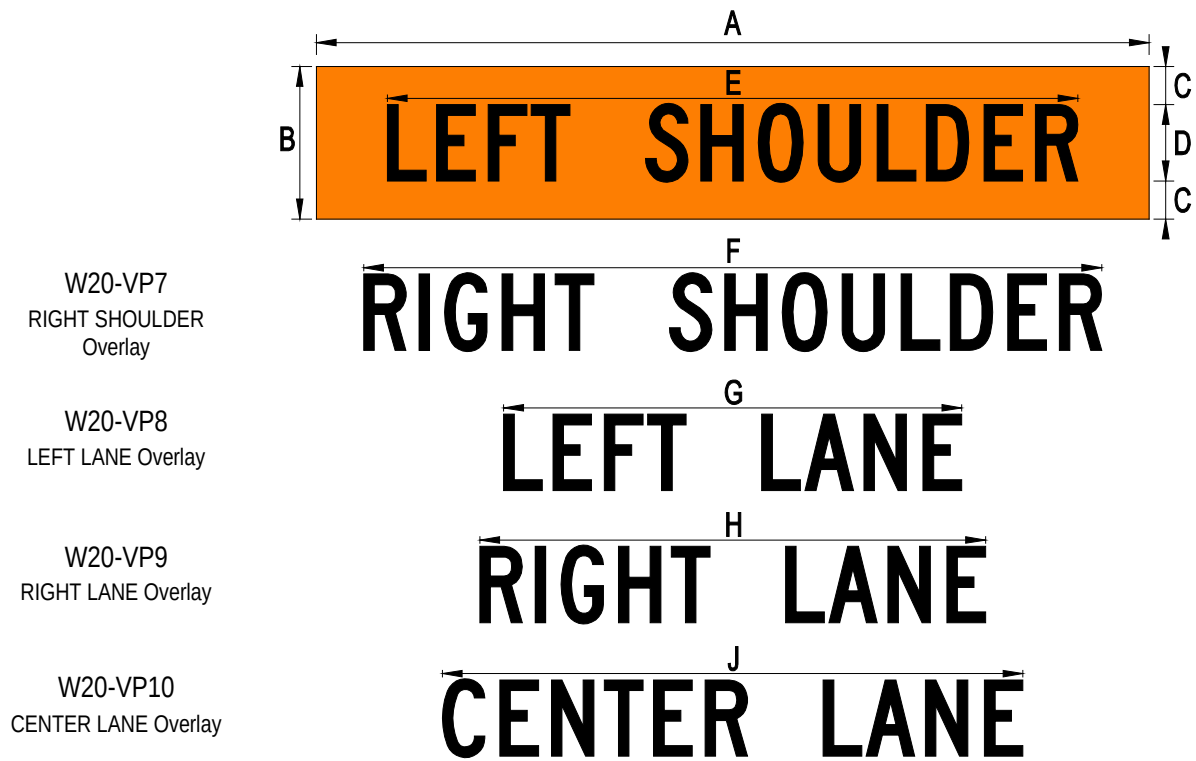
| A  | B | C   | D   | E    | F    | G  | H    | J  |
|----|---|-----|-----|------|------|----|------|----|
| 78 | 9 | 1.5 | 6 C | 67.3 | 51.9 | 74 | 58.8 | 75 |

TTC SIGN COLORS:

LEGEND  
BACKGROUND

— BLACK

— FLUORESCENT ORANGE (RETROREFLECTIVE)



## W20-VP6

LEFT SHOULDER Overlay for W20-V1 through W20-V8 Signs

| A  | B  | C | D   | E    | F    | G    | H    | J  |
|----|----|---|-----|------|------|------|------|----|
| 66 | 12 | 3 | 6 C | 54.7 | 58.5 | 36.3 | 40.1 | 46 |

TTC SIGN COLORS:

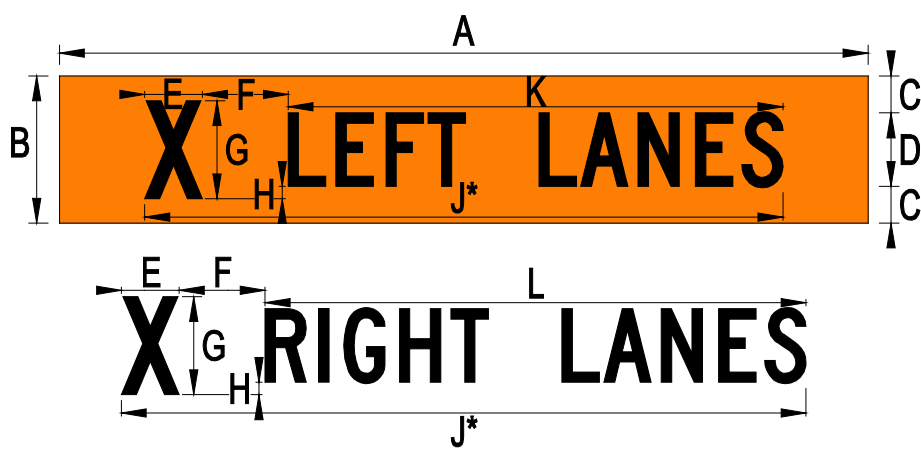
LEGEND  
BACKGROUND

— BLACK

— FLUORESCENT ORANGE (RETROREFLECTIVE)



W20-VP12  
X RIGHT LANES



W20-VP11

X LEFT LANES Overlay for W20-V1 through W20-V8 Signs

| A  | B  | C | D   | E    | F | G   | H | J    | K    | L    |
|----|----|---|-----|------|---|-----|---|------|------|------|
| 66 | 12 | 3 | 6 C | Var. | 7 | 8 C | 1 | Var. | 40.4 | 44.2 |

\* Legend shall be centered on sign panel.

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



W21-V1

WATCH FOR SLOW MOVING VEHICLES

| A  | B     | C     | D    | E   | F   | G | H  | J    | K  |
|----|-------|-------|------|-----|-----|---|----|------|----|
| 36 | 0.625 | 0.875 | 2.25 | 0.5 | 5 B | 3 | 27 | 32.8 | 20 |
| 48 | 0.75  | 1.25  | 3    | 0.5 | 6 C | 4 | 38 | 47   | 30 |

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



W21-V2  
ROAD WORK NEXT 2 MILES

| A  | B     | C     | D    | E    | F   | G   | H    | J    | K    | L | M   |
|----|-------|-------|------|------|-----|-----|------|------|------|---|-----|
| 36 | 0.625 | 0.875 | 2.25 | 6.75 | 5 D | 2.5 | 16.8 | 17.5 | 15.1 | 5 | 4.1 |
| 48 | 0.75  | 1.25  | 3    | 8    | 6 D | 4   | 20.1 | 21   | 18.1 | 6 | 4.8 |

| N    | P   | R   |
|------|-----|-----|
| 18   | 0.5 | 6 D |
| 21.5 | 0.5 | 7 D |

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



W21-V3  
MOWING NEXT 2 MILES

| A  | B     | C     | D    | E   | F   | G | H    | J    | K | L   | M    |
|----|-------|-------|------|-----|-----|---|------|------|---|-----|------|
| 36 | 0.625 | 0.875 | 2.25 | 0.5 | 5 D | 4 | 24.3 | 15.1 | 5 | 4.1 | 17   |
| 48 | 0.75  | 1.25  | 3    | 3   | 6 D | 5 | 29.2 | 18.1 | 6 | 4.8 | 21.5 |

| N   | P   |
|-----|-----|
| 0.5 | 6 D |
| 0.5 | 7 D |

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



W21-V4

LINE PAINTING NEXT 5 MILES

| A  | B     | C     | D    | E    | F   | G    | H    | J    | K    | L | M   |
|----|-------|-------|------|------|-----|------|------|------|------|---|-----|
| 36 | 0.625 | 0.875 | 2.25 | 7.25 | 5 D | 2.75 | 13.6 | 28.6 | 15.1 | 5 | 4.1 |
| 48 | 0.75  | 1.25  | 3    | 8    | 6 D | 4    | 16.3 | 34.3 | 18.1 | 6 | 4.8 |

| N    | P   | R   |
|------|-----|-----|
| 18   | 0.5 | 6 D |
| 21.5 | 0.5 | 7 D |

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

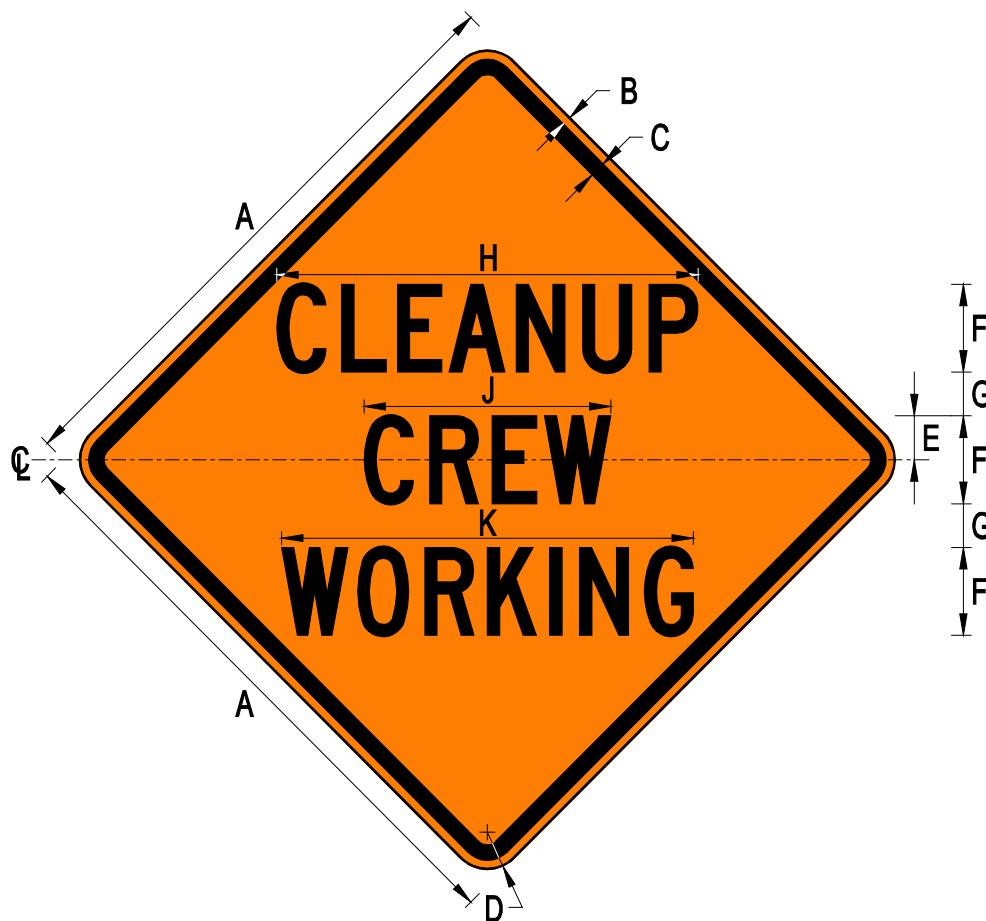


W21-V5  
SPRAYING NEXT 5 MILES

| A  | B     | C     | D    | E   | F   | G | H  | J    | K | L   | M    |
|----|-------|-------|------|-----|-----|---|----|------|---|-----|------|
| 36 | 0.625 | 0.875 | 2.25 | 7.5 | 5 D | 3 | 30 | 15.1 | 5 | 4.1 | 17   |
| 48 | 0.75  | 1.25  | 3    | 11  | 6 D | 5 | 38 | 18.1 | 6 | 4.8 | 21.5 |

| N   | P   |
|-----|-----|
| 0.5 | 6 D |
| 0.5 | 7 D |

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



W21-V6  
CLEANUP CREW WORKING

| A  | B     | C     | D    | E   | F   | G   | H    | J    | K    |
|----|-------|-------|------|-----|-----|-----|------|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 2.5 | 5 C | 3.5 | 24   | 14   | 23.5 |
| 48 | 0.75  | 1.25  | 3    | 3.5 | 7 C | 3.5 | 33.8 | 19.8 | 33   |

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

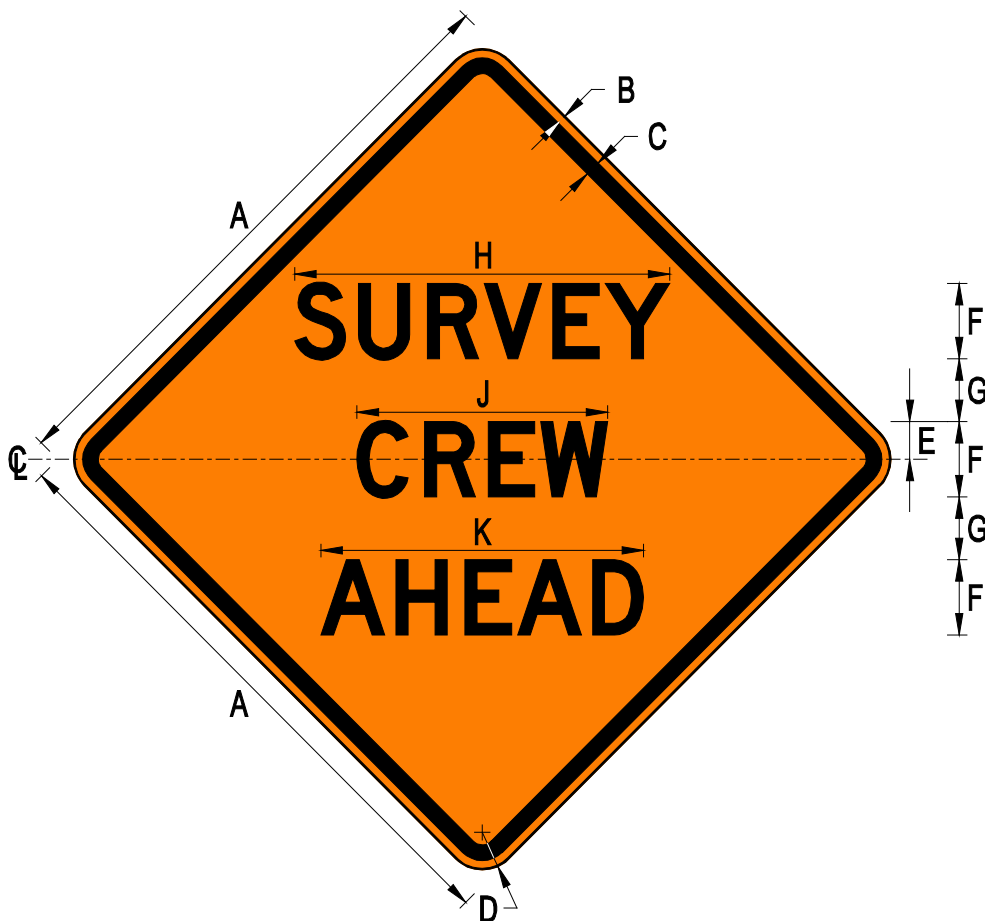


W21-V7  
LITTER PICK UP

| A  | B     | C     | D    | E    | F   | G | H    | J    |
|----|-------|-------|------|------|-----|---|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 8    | 6 C | 4 | 20.3 | 28.6 |
| 48 | 0.75  | 1.25  | 3    | 10.5 | 8 C | 5 | 27.1 | 38.1 |

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

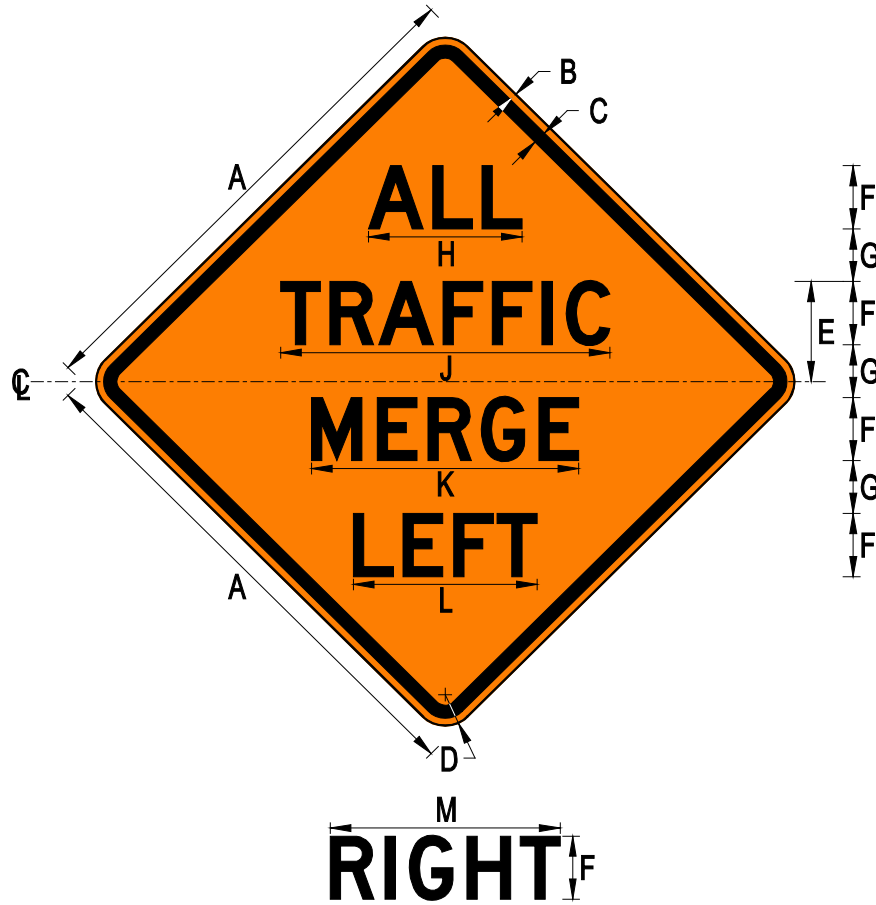




W21-V8  
SURVEY CREW AHEAD

| A  | B     | C     | D    | E   | F   | G | H  | J    | K    |
|----|-------|-------|------|-----|-----|---|----|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 1.5 | 5 D | 3 | 25 | 16.7 | 21.5 |
| 48 | 0.75  | 1.25  | 3    | 3   | 6 D | 5 | 30 | 20   | 25.8 |

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



W21-V9R  
MERGE RIGHT

W21-V9L  
ALL TRAFFIC MERGE LEFT

| A  | B     | C     | D    | E    | F   | G   | H    | J    | K    | L    | M    |
|----|-------|-------|------|------|-----|-----|------|------|------|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 7.72 | 5 C | 3.5 | 9.7  | 21.4 | 17.7 | 12   | 15.2 |
| 48 | 0.75  | 1.25  | 3    | 9.5  | 6 D | 5   | 14.3 | 30.8 | 25   | 17.2 | 21.5 |

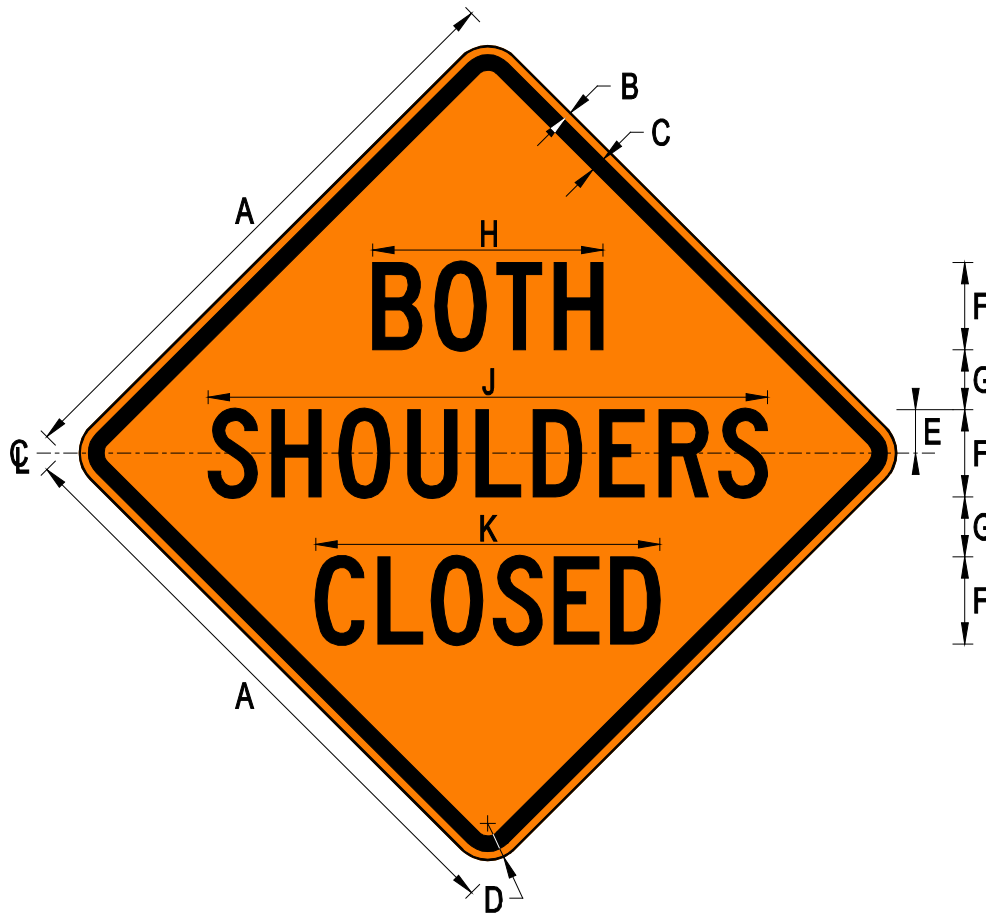
TTC SIGN COLORS:    LEGEND    — BLACK  
                                  BACKGROUND    — FLUORESCENT ORANGE (RETROREFLECTIVE)



W21-V10  
SLOW

| A  | B     | C     | D    | E | F    | G    |
|----|-------|-------|------|---|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 5 | 10 C | 28.3 |
| 48 | 0.75  | 1.25  | 3    | 7 | 14 C | 39.6 |

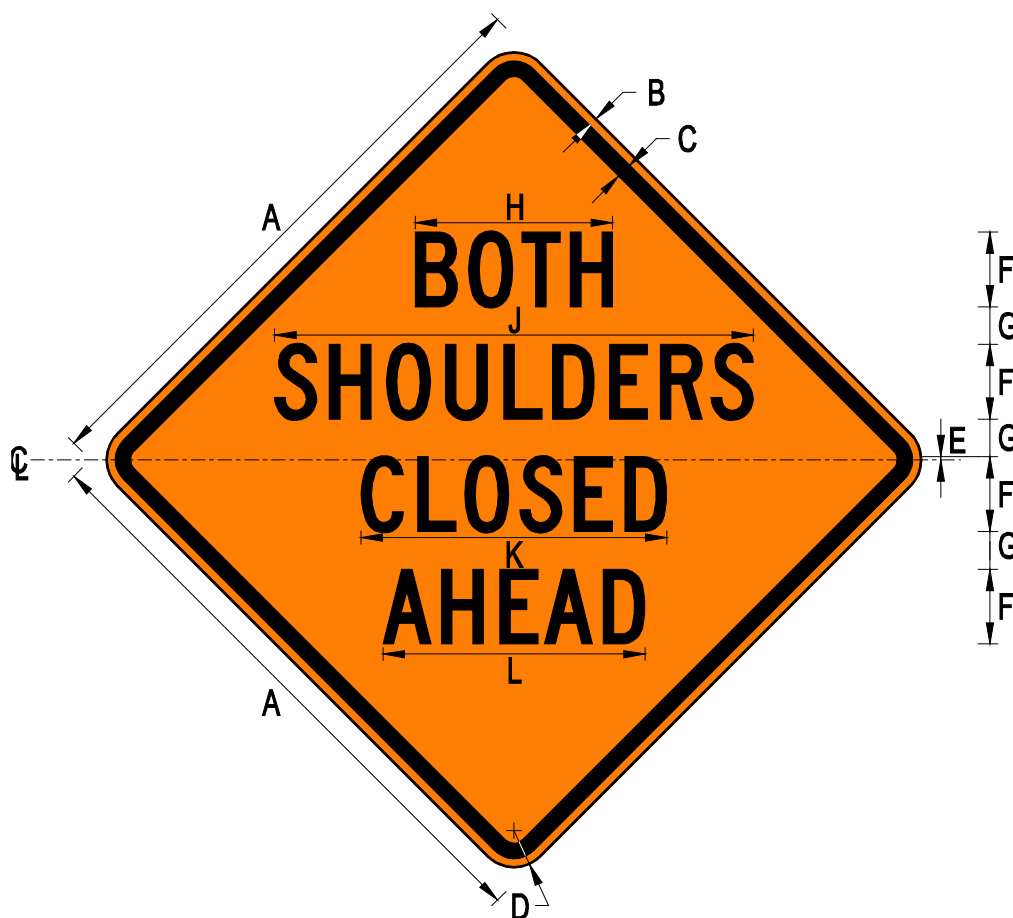
TTC SIGN COLORS:    LEGEND    — BLACK  
                              BACKGROUND    — FLUORESCENT ORANGE (RETROREFLECTIVE)



W21-V11  
BOTH SHOULDERS CLOSED

| A  | B     | C     | D    | E     | F   | G     | H    | J    | K    |
|----|-------|-------|------|-------|-----|-------|------|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 2.481 | 5 C | 3.682 | 13.1 | 32   | 20.4 |
| 48 | 0.75  | 1.25  | 3    | 3.482 | 7 C | 4.803 | 18.4 | 44.7 | 27.6 |

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



W21-V12

BOTH SHOULDERS CLOSED AHEAD

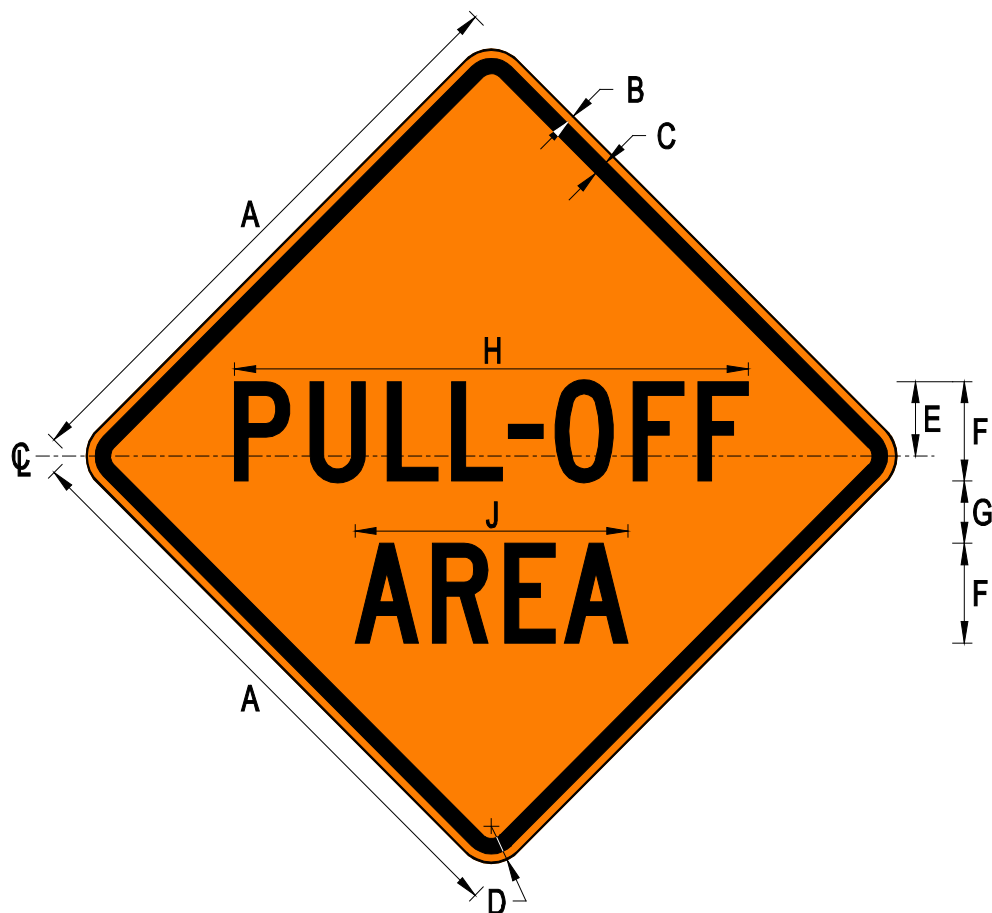
| A  | B     | C     | D    | E    | F   | G   | H    | J    | K    | L    |
|----|-------|-------|------|------|-----|-----|------|------|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 0.2  | 5 C | 2.4 | 13.2 | 28.5 | 20.4 | 17.5 |
| 48 | 0.75  | 1.25  | 3    | 0.24 | 6 C | 3   | 15.8 | 38.3 | 24.5 | 21   |

TTC SIGN COLORS:

LEGEND  
BACKGROUND

— BLACK

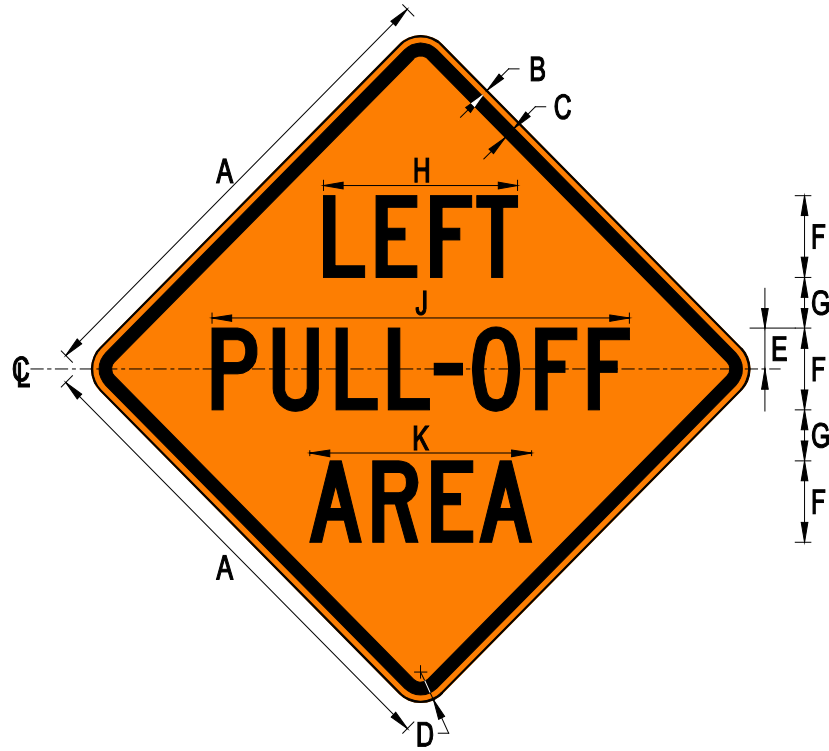
— FLUORESCENT ORANGE (RETROREFLECTIVE)



W21-V13  
PULL-OFF AREA

| A  | B     | C     | D    | E | F   | G | H    | J    |
|----|-------|-------|------|---|-----|---|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 5 | 6 C | 4 | 31.1 | 16.5 |
| 48 | 0.75  | 1.25  | 3    | 6 | 8 C | 5 | 41.4 | 22   |

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



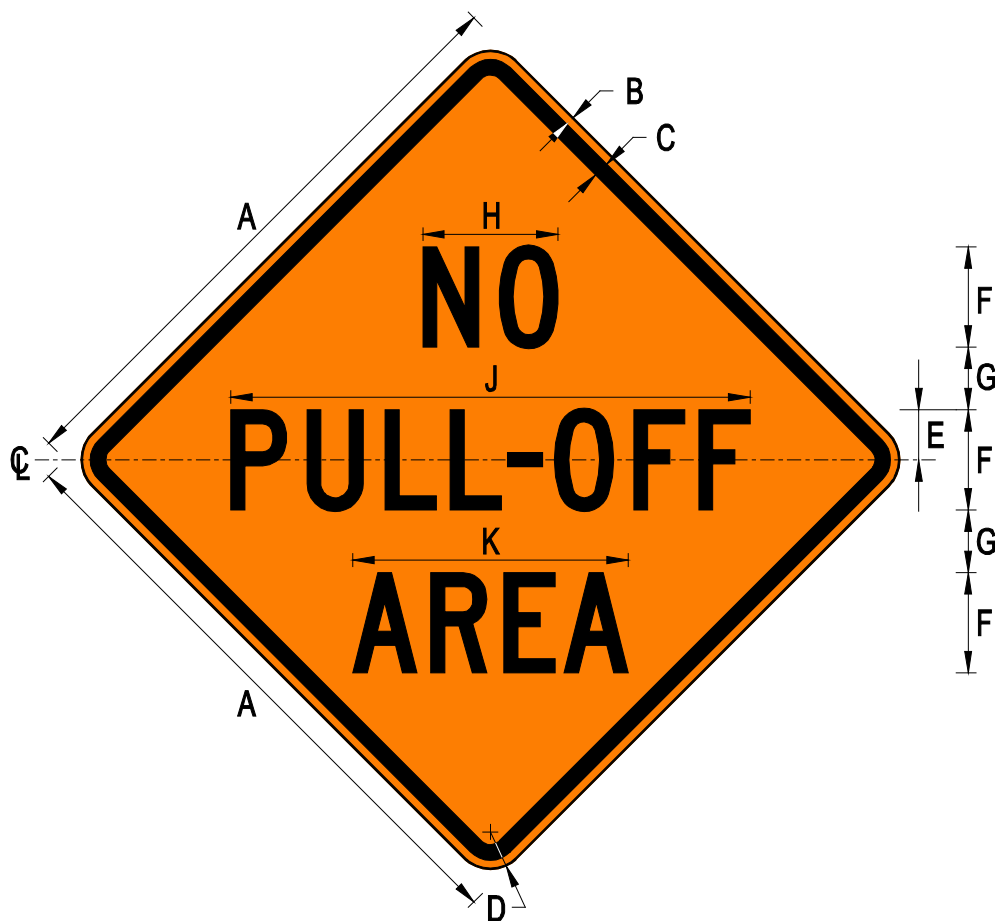
W21-V14R  
RIGHT PULL-OFF AREA



W21-V14L  
LEFT PULL-OFF AREA

| A  | B     | C     | D    | E | F   | G | H    | J    | K    | L    |
|----|-------|-------|------|---|-----|---|------|------|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 3 | 6 C | 4 | 14.5 | 31.1 | 16.5 | 18.2 |
| 48 | 0.75  | 1.25  | 3    | 4 | 8 C | 5 | 19.3 | 41.4 | 22   | 24.3 |

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

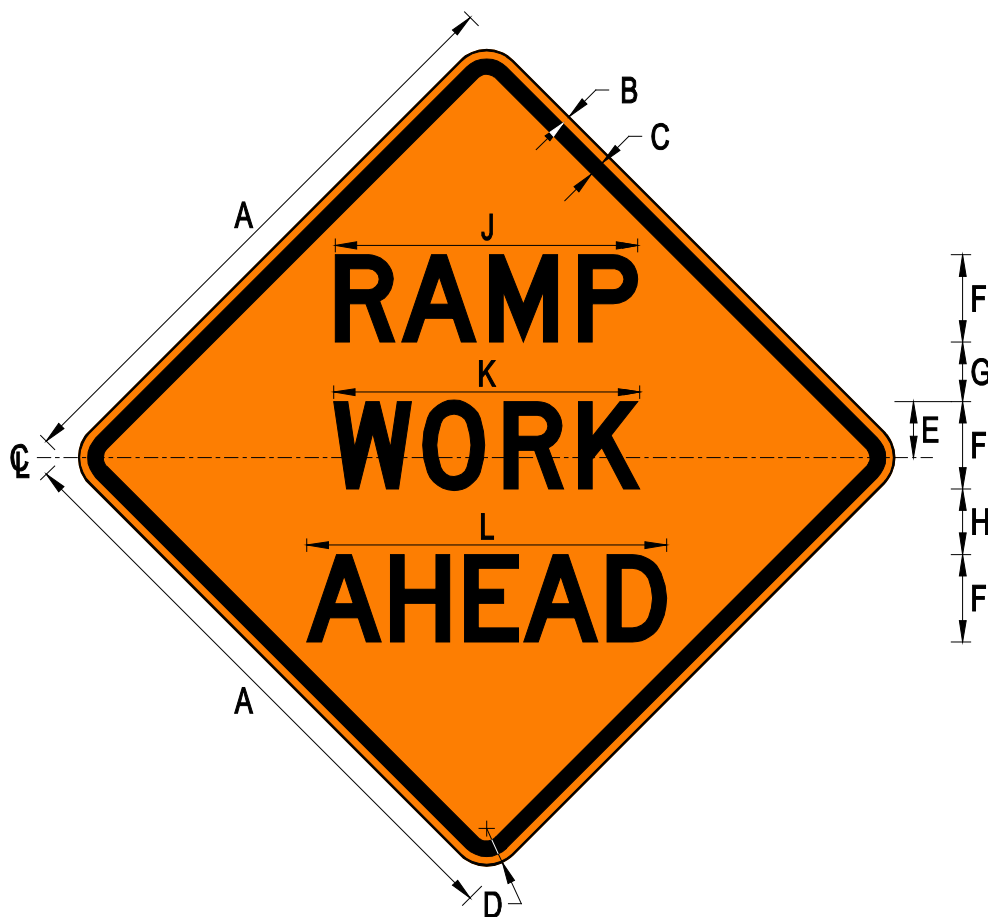


W21-V15  
NO PULL-OFF AREA

| A  | B     | C     | D    | E | F   | G | H    | J    | K    |
|----|-------|-------|------|---|-----|---|------|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 3 | 6 C | 4 | 8.1  | 31.1 | 16.5 |
| 48 | 0.75  | 1.25  | 3    | 4 | 8 C | 5 | 10.8 | 41.4 | 22   |

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

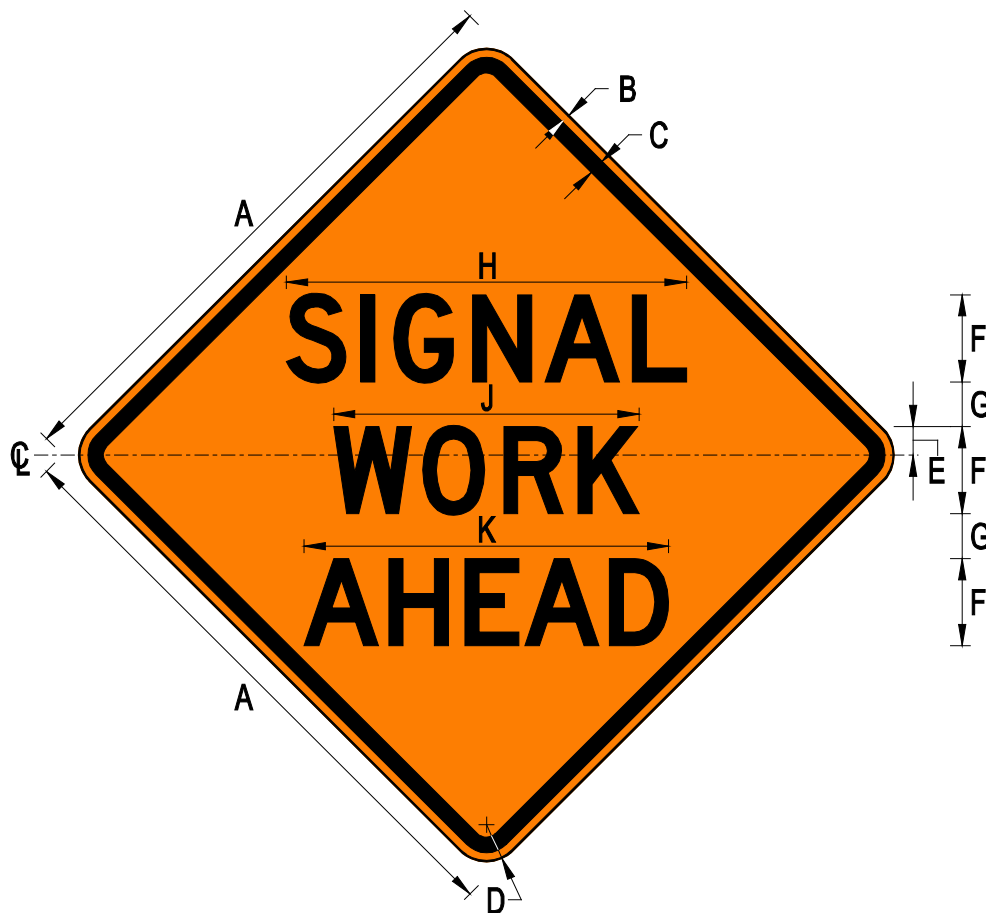




W21-V16  
RAMP WORK AHEAD

| A  | B     | C     | D    | E    | F   | G    | H    | J    | K    | L    |
|----|-------|-------|------|------|-----|------|------|------|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 3.25 | 5 D | 3.5  | 3.75 | 17.3 | 17.5 | 20.6 |
| 48 | 0.75  | 1.25  | 3    | 4.5  | 7 D | 4.75 | 5.25 | 24.2 | 24.5 | 28.8 |

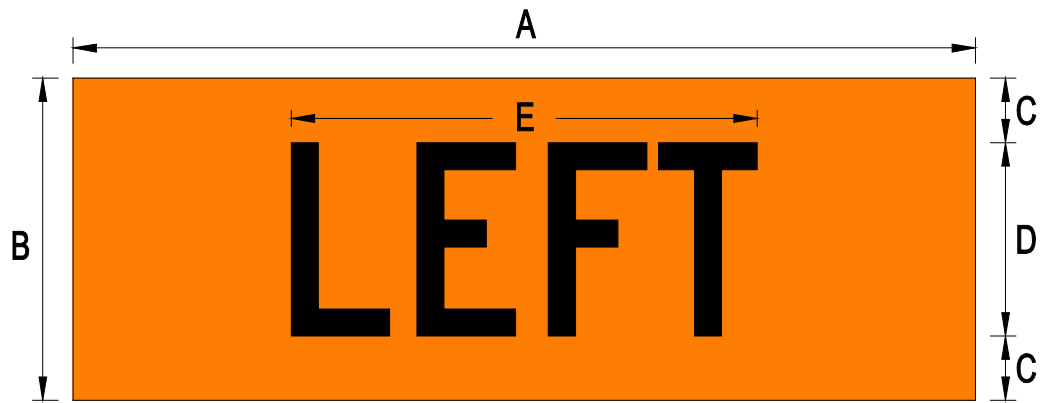
TTC SIGN COLORS:    LEGEND    — BLACK  
                                  BACKGROUND    — FLUORESCENT ORANGE (RETROREFLECTIVE)



W21-V17  
SIGNAL WORK AHEAD

| A  | B     | C     | D    | E     | F   | G     | H    | J    | K    |
|----|-------|-------|------|-------|-----|-------|------|------|------|
| 36 | 0.625 | 0.875 | 2.25 | 2     | 5 D | 3.202 | 22.9 | 17.5 | 21.5 |
| 48 | 0.75  | 1.25  | 3    | 2.281 | 7 D | 3.602 | 32.1 | 24.5 | 29.2 |

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



W21-VP1R  
RIGHT Overlay

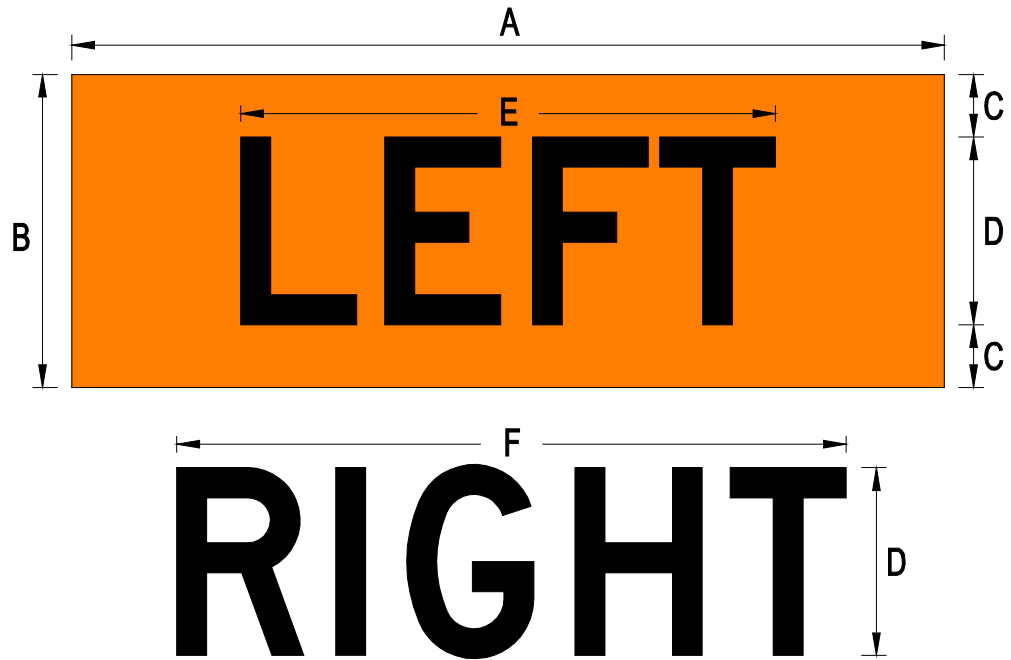


W21-VP1L

LEFT Overlay for W9-2, W9-3, W20-5, W21-5b & W20-V13 Signs

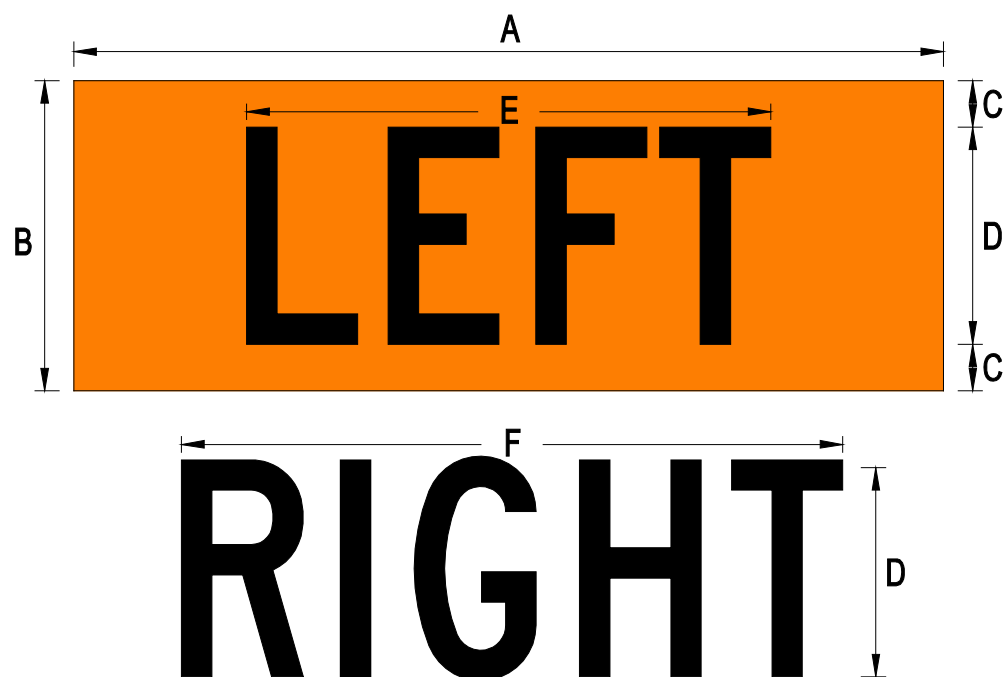
| A  | B  | C | D   | E    | F    |
|----|----|---|-----|------|------|
| 22 | 7  | 1 | 5 C | 12.1 | 15.2 |
| 28 | 10 | 2 | 6 C | 14.5 | 18.2 |

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



| A  | B  | C | D   | E    | F    |
|----|----|---|-----|------|------|
| 22 | 7  | 1 | 5 C | 12.1 | 15.2 |
| 28 | 10 | 2 | 6 D | 17.2 | 21.5 |

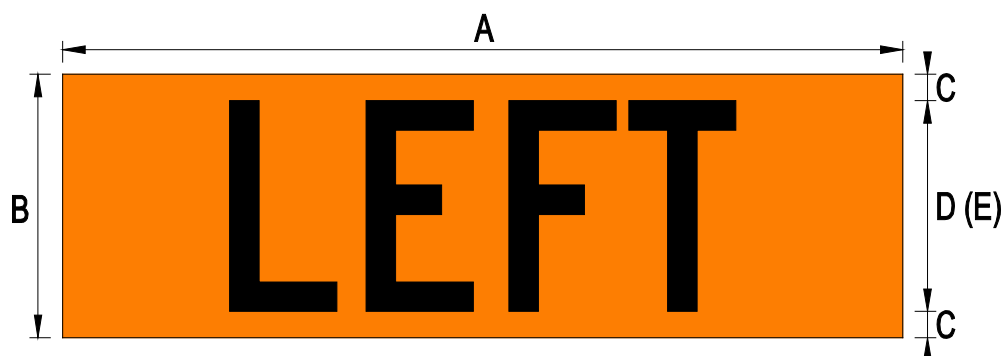
TTC SIGN COLORS:      LEGEND      — BLACK  
                                     BACKGROUND      — FLUORESCENT ORANGE (RETROREFLECTIVE)



W21-VP1bL  
LEFT Overlay for W21-5a Signs

| A  | B  | C   | D   | E    | F    |
|----|----|-----|-----|------|------|
| 22 | 7  | 1   | 5 C | 12.1 | 15.2 |
| 28 | 10 | 1.5 | 7 C | 16.9 | 21.3 |

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



W21-VP1cR  
RIGHT Overlay

**RIGHT**

D (F)

W21-VP1cL  
LEFT Overlay for W21-V14 Signs

| A  | B  | C | D   | E    | F    |
|----|----|---|-----|------|------|
| 24 | 8  | 1 | 6 C | 14.5 | 18.2 |
| 32 | 10 | 1 | 8 C | 19.3 | 24.3 |

( ) Denotes line length.

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

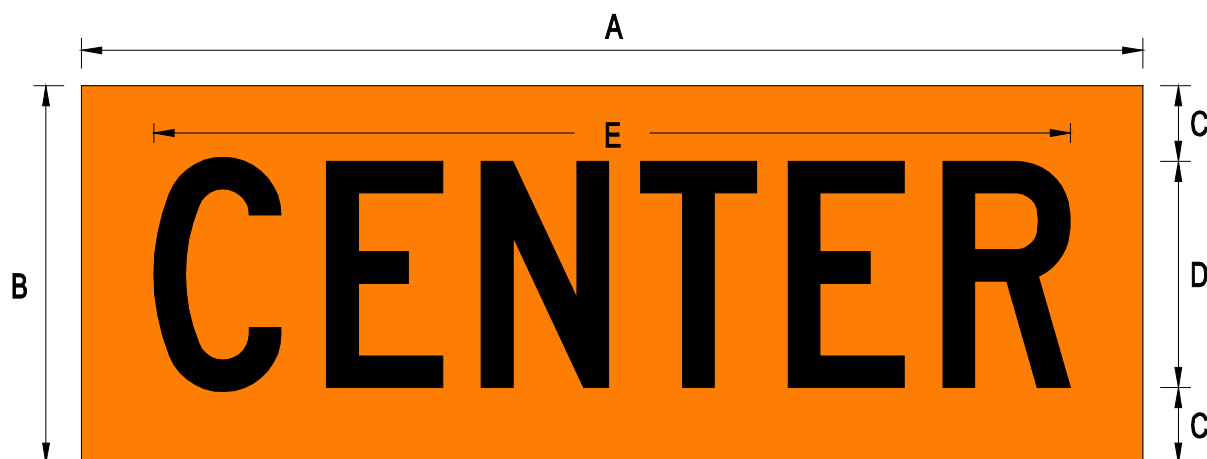


W21-VP1dL  
LEFT Overlay for W9-1 Signs

| A  | B  | C | D   | E    | F    |
|----|----|---|-----|------|------|
| 24 | 8  | 1 | 6 D | 17.2 | 21.5 |
| 32 | 10 | 1 | 8 D | 22.9 | 28.6 |

( ) Denotes line length.

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



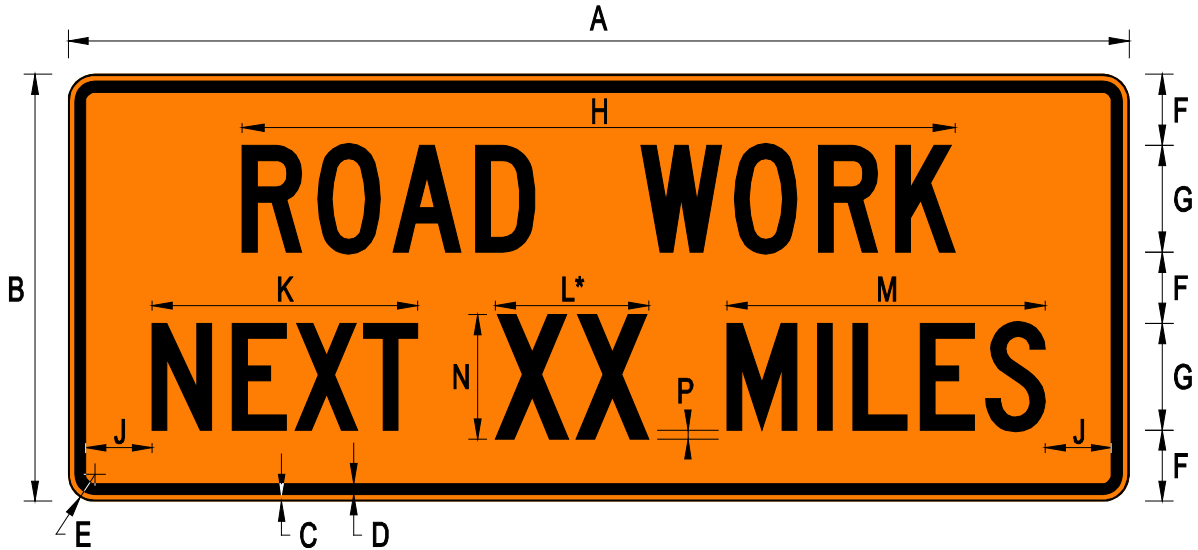
## W21-VP2

CENTER Overlay for W20-5L, W20-5R, W20-V13L &amp; W20-V13R Signs

| A  | B  | C | D   | E    |
|----|----|---|-----|------|
| 22 | 7  | 1 | 5 C | 20.2 |
| 28 | 10 | 2 | 6 C | 24.2 |

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





G20-1 (V)

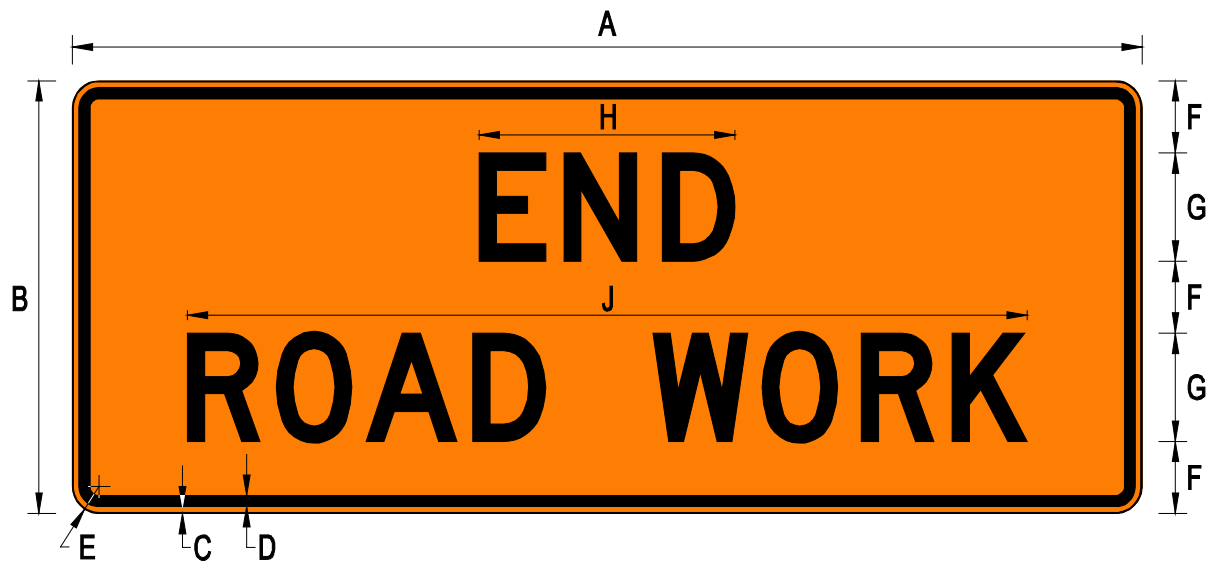
ROAD WORK NEXT XX MILES

| A  | B  | C     | D     | E   | F | G   | H    | J    | K  | L    | M  |
|----|----|-------|-------|-----|---|-----|------|------|----|------|----|
| 48 | 24 | 0.375 | 0.625 | 1.5 | 4 | 6 B | 34   | 2.5  | 12 | Var. | 14 |
| 60 | 24 | 0.375 | 0.625 | 1.5 | 4 | 6 C | 40.3 | 3.75 | 15 | Var. | 18 |

| N   | P   |
|-----|-----|
| 7 B | 0.5 |
| 7 C | 0.5 |

\* The number shall be centered between "NEXT" and "MILES."

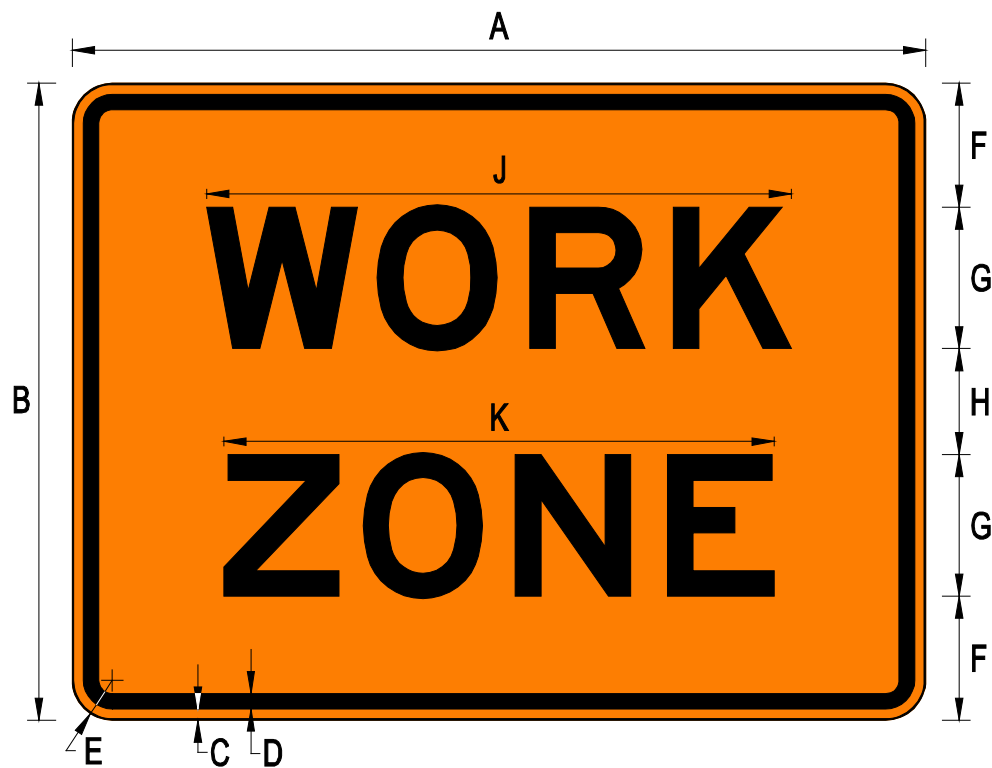
TTC SIGN COLORS:      LEGEND      — BLACK  
                                     BACKGROUND      — FLUORESCENT ORANGE (RETROREFLECTIVE)



G20-2 (V)  
END ROAD WORK

| A  | B  | C     | D     | E   | F | G   | H    | J    |
|----|----|-------|-------|-----|---|-----|------|------|
| 48 | 24 | 0.375 | 0.625 | 1.5 | 4 | 6 C | 12.1 | 40.3 |
| 60 | 24 | 0.375 | 0.625 | 1.5 | 4 | 6 D | 14.3 | 47.1 |

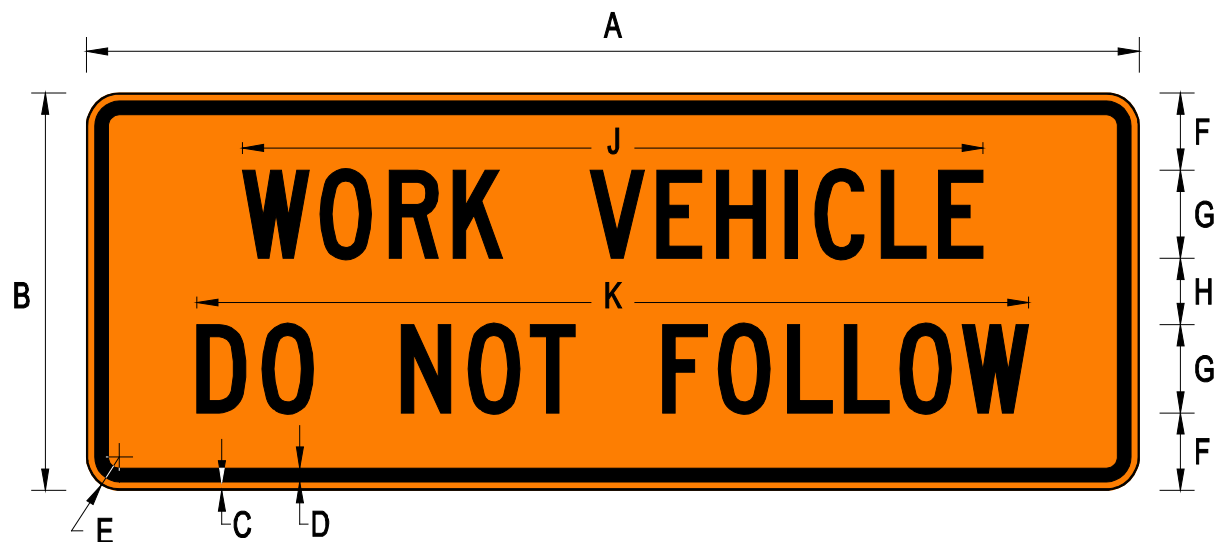
TTC SIGN COLORS:    LEGEND    — BLACK  
                                  BACKGROUND    — FLUORESCENT ORANGE (RETROREFLECTIVE)



G20-5aP (V)  
WORK ZONE (Plaque)

| A  | B  | C     | D     | E    | F | G   | H | J    | K  |
|----|----|-------|-------|------|---|-----|---|------|----|
| 48 | 36 | 0.625 | 0.875 | 2.25 | 7 | 8 E | 6 | 32.9 | 31 |

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



G20-V1

WORK VEHICLE DO NOT FOLLOW (Vehicle-Mounted Sign)

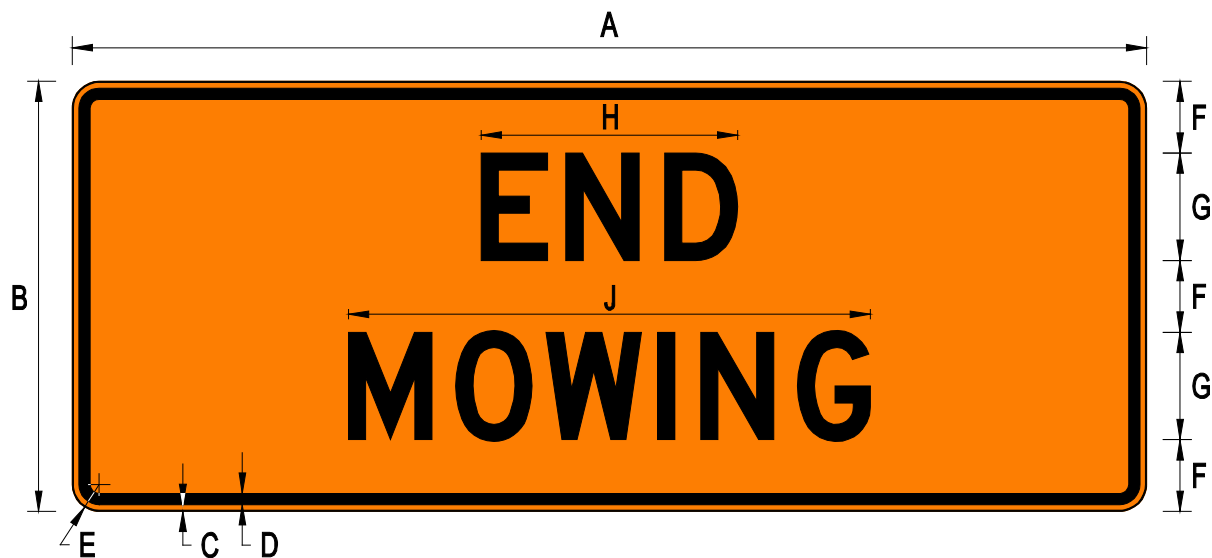
| A  | B  | C     | D     | E   | F   | G   | H | J    | K    |
|----|----|-------|-------|-----|-----|-----|---|------|------|
| 48 | 18 | 0.375 | 0.625 | 1.5 | 3.5 | 4 C | 3 | 33.8 | 37.9 |

TTC SIGN COLORS:

LEGEND  
BACKGROUND

— BLACK

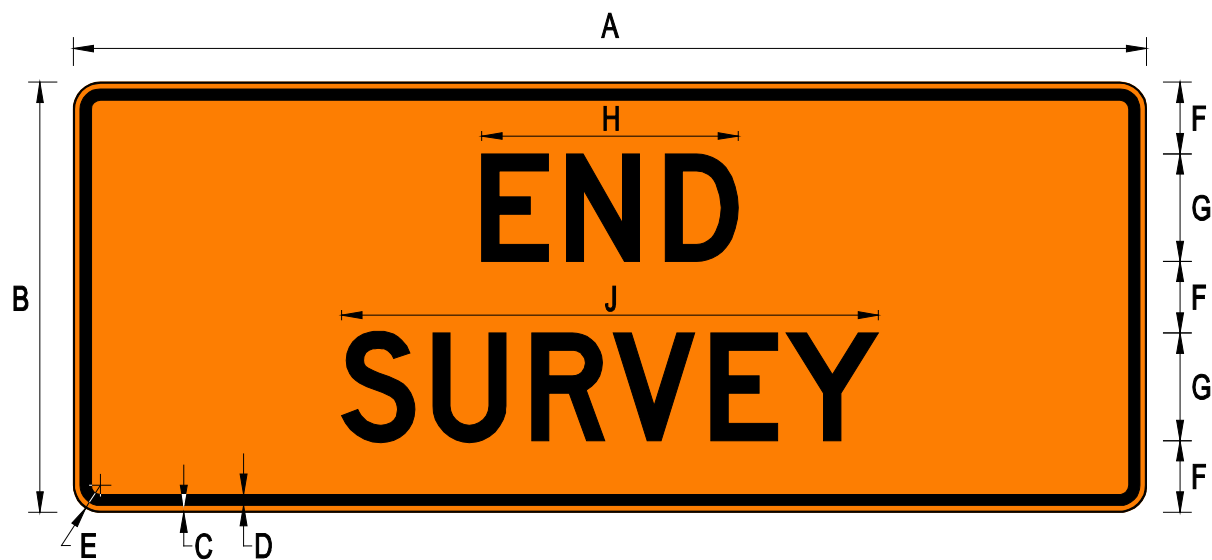
— FLUORESCENT ORANGE (RETROREFLECTIVE)



G20-V2  
END MOWING

| A  | B  | C     | D     | E   | F | G   | H    | J    |
|----|----|-------|-------|-----|---|-----|------|------|
| 48 | 24 | 0.375 | 0.625 | 1.5 | 4 | 6 C | 12.1 | 24.9 |
| 60 | 24 | 0.375 | 0.625 | 1.5 | 4 | 6 D | 14.3 | 29.2 |

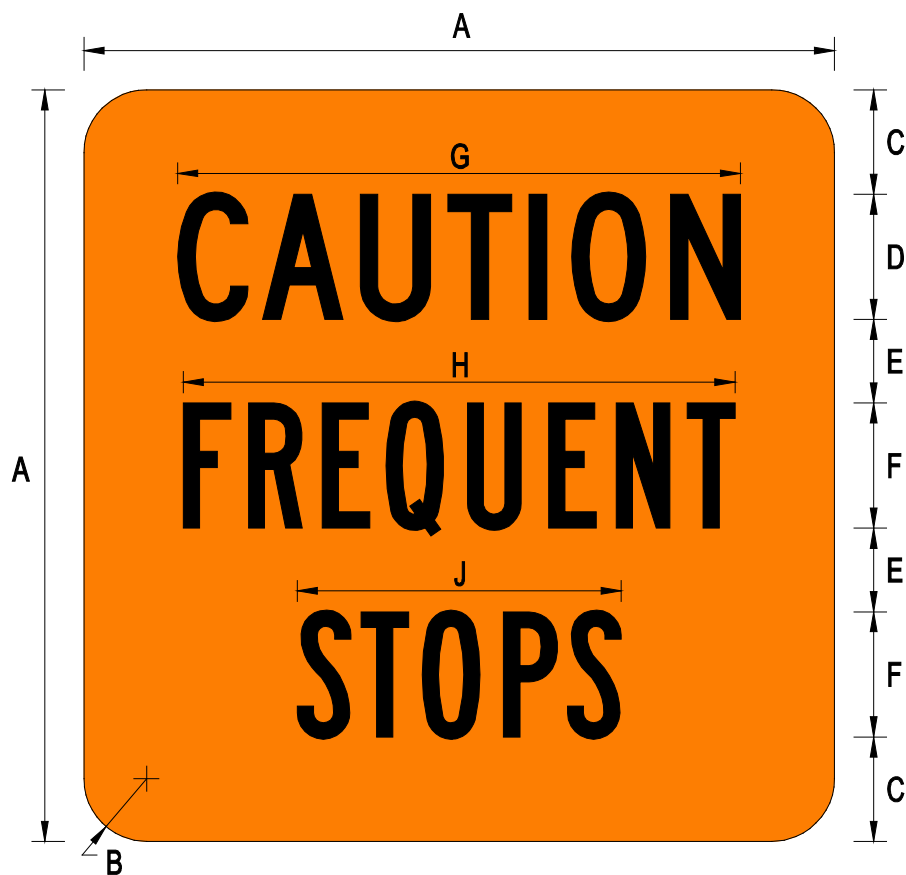
TTC SIGN COLORS:    LEGEND    — BLACK  
                                  BACKGROUND    — FLUORESCENT ORANGE (RETROREFLECTIVE)



G20-V3  
END SURVEY

| A  | B  | C     | D     | E   | F | G   | H    | J  |
|----|----|-------|-------|-----|---|-----|------|----|
| 48 | 24 | 0.375 | 0.625 | 1.5 | 4 | 6 C | 12.1 | 25 |
| 60 | 24 | 0.375 | 0.625 | 1.5 | 4 | 6 D | 14.3 | 30 |

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



G20-V4a

CAUTION FREQUENT STOPS (Vehicle-Mounted Sign)

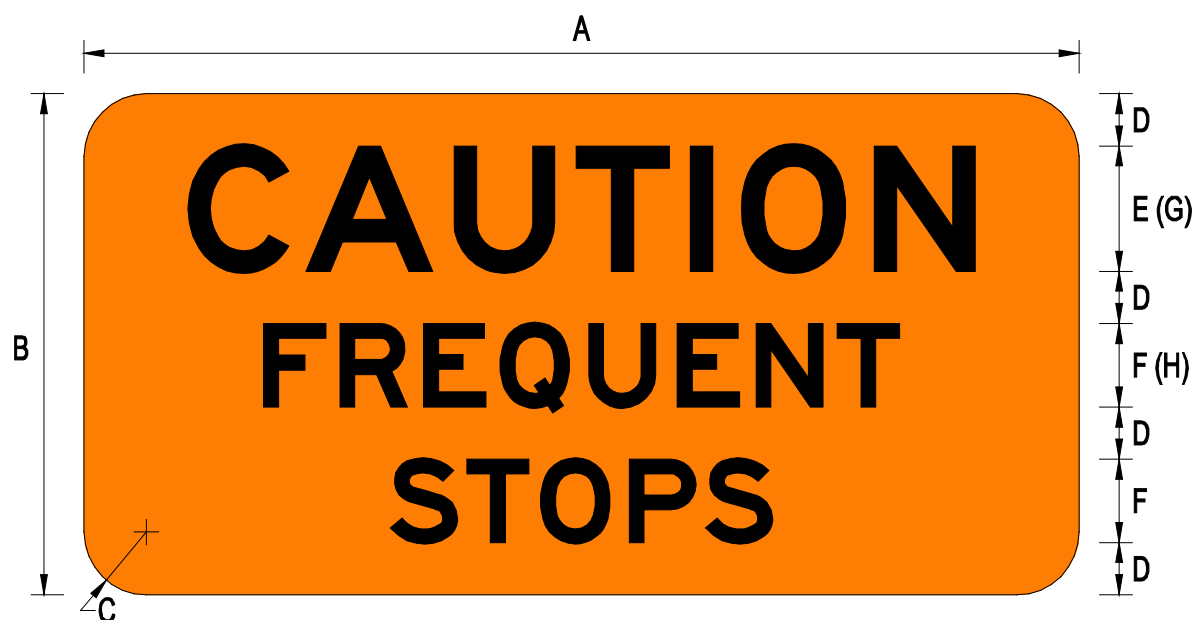
| A  | B   | C   | D   | E | F   | G    | H    | J   |
|----|-----|-----|-----|---|-----|------|------|-----|
| 18 | 1.5 | 2.5 | 3 C | 2 | 3 B | 13.5 | 13.2 | 7.8 |

TTC SIGN COLORS:

LEGEND  
BACKGROUND

— BLACK

— FLUORESCENT ORANGE (RETROREFLECTIVE)



G20-V4b

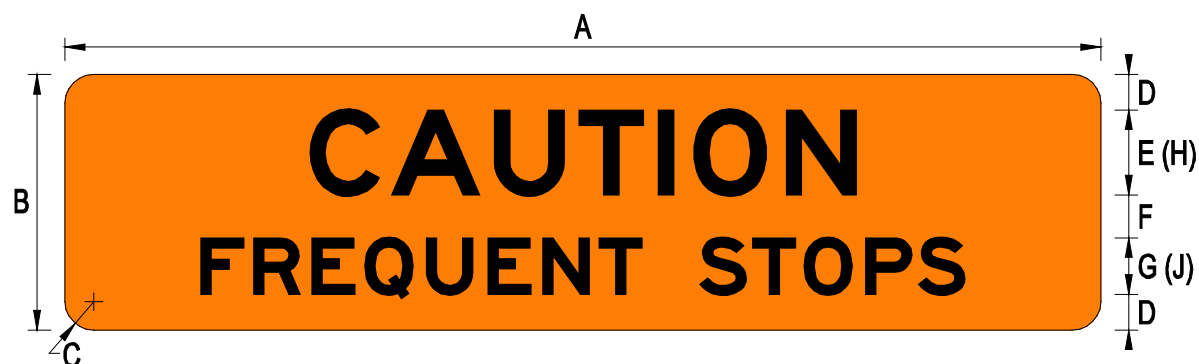
CAUTION FREQUENT STOPS (Vehicle-Mounted Sign)

| A  | B  | C   | D    | E   | F   | G  | H    | J   |
|----|----|-----|------|-----|-----|----|------|-----|
| 24 | 12 | 1.5 | 1.25 | 3 E | 2 E | 19 | 15.3 | 9.2 |

( ) Denotes line length.

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





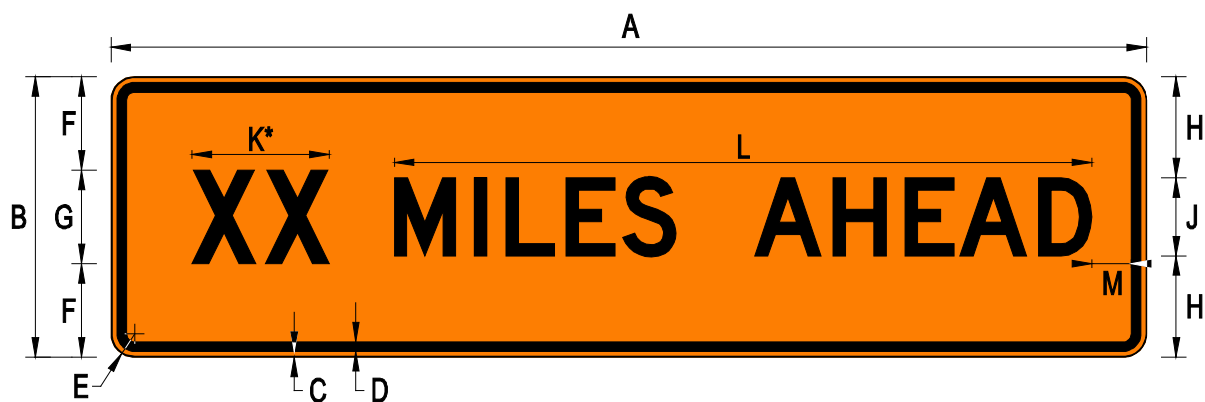
## G20-V4c

CAUTION FREQUENT STOPS (Vehicle-Mounted Sign)

| A  | B | C | D    | E   | F   | G   | H  | J    |
|----|---|---|------|-----|-----|-----|----|------|
| 36 | 9 | 1 | 1.25 | 3 E | 1.5 | 2 E | 19 | 26.6 |

( ) Denotes line length.

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



## G20-VP1

XX MILES AHEAD (Plaque)

| A   | B  | C     | D     | E   | F | G   | H   | J   | K    | L    | M   |
|-----|----|-------|-------|-----|---|-----|-----|-----|------|------|-----|
| 42  | 12 | 0.375 | 0.438 | 1.5 | 4 | 4 D | 4.5 | 3 D | Var. | 26.7 | 1.5 |
| 66  | 18 | 0.375 | 0.625 | 1.5 | 6 | 6 D | 6.5 | 5 D | Var. | 44.5 | 2.5 |
| 108 | 18 | 0.375 | 0.625 | 1.5 | 5 | 8 E | 6   | 6 E | Var. | 62.3 | 9.5 |

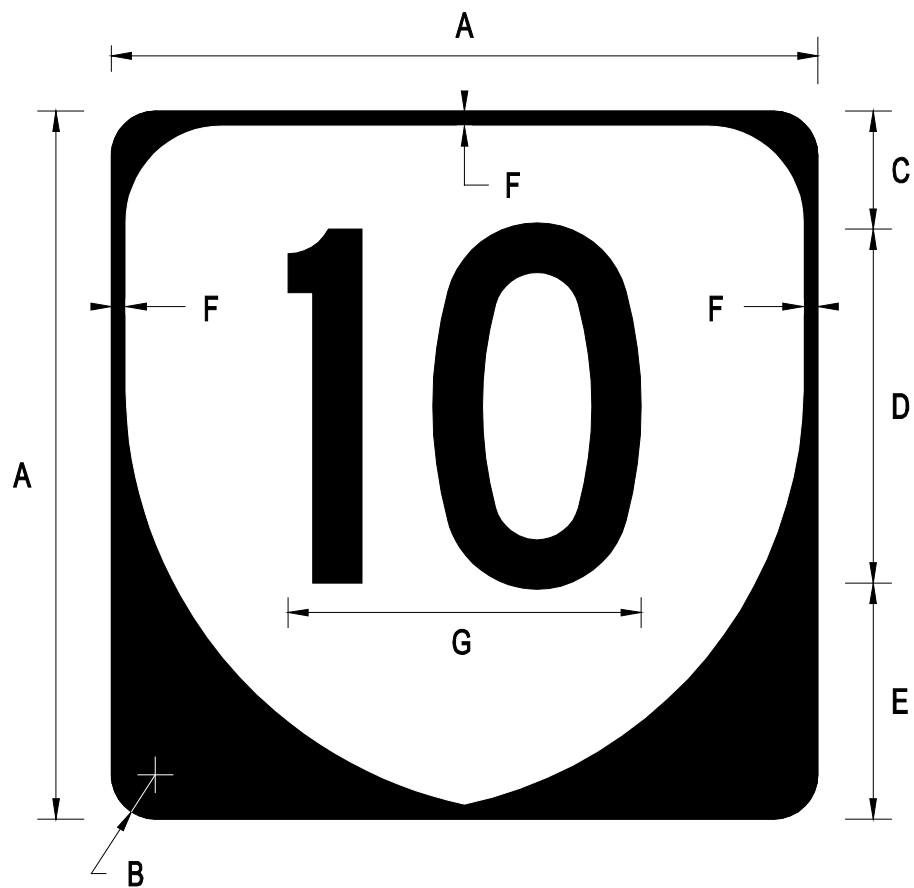
\* The number "XX" shall be centered between the border and "MILES AHEAD."

TTC SIGN COLORS:

LEGEND  
BACKGROUND

— BLACK

— FLUORESCENT ORANGE (RETROREFLECTIVE)

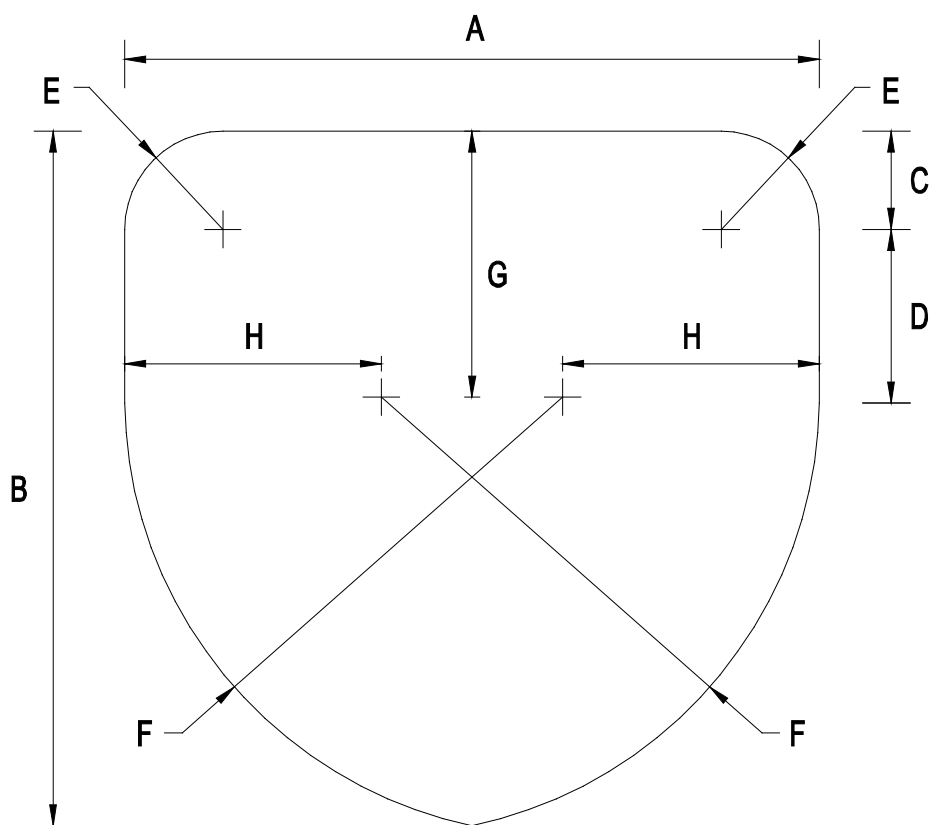


M1-V1a

Virginia Primary Route Sign for Independent Use (1 or 2 Digits)

| A  | B    | C   | D    | E    | F    | G    |
|----|------|-----|------|------|------|------|
| 24 | 1.5  | 4   | 12 C | 8    | 0.5  | Var. |
| 36 | 2.25 | 5.5 | 18 C | 12.5 | 0.75 | Var. |
| 48 | 3    | 7   | 24 C | 17   | 1    | Var. |

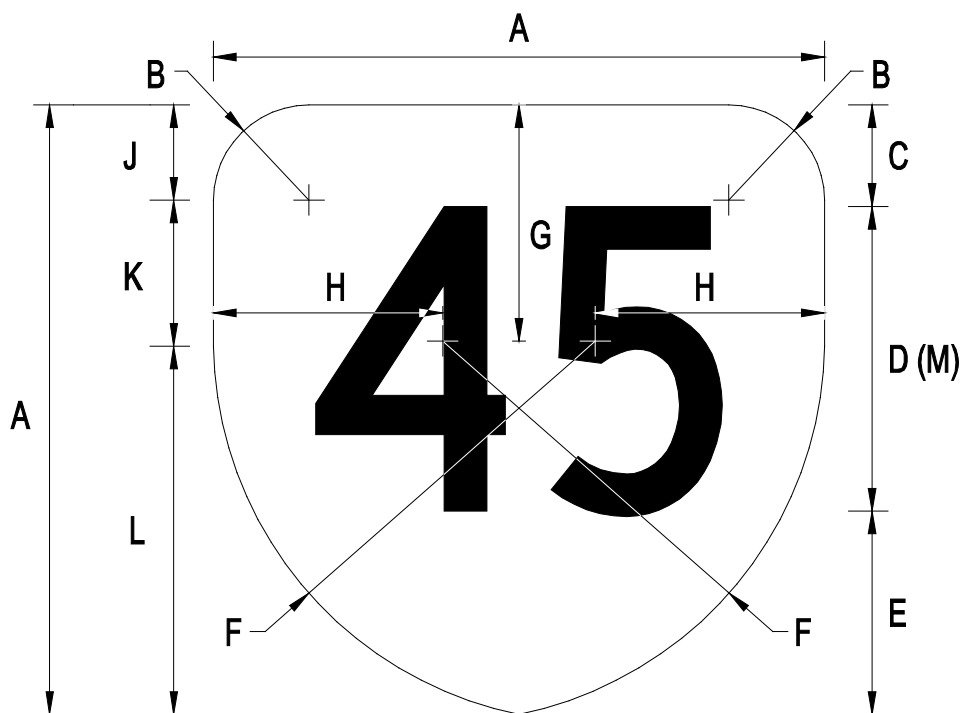
COLORS:    LEGEND                      — BLACK  
                  BACKGROUND               — WHITE                      (RETROREFLECTIVE)  
                  AREA OUTSIDE OF SHIELD   — BLACK



## M1-V1a (Shield)

Shield Layout for Virginia Primary Route Sign for Independent Use (1 or 2 Digits)

| A    | B       | C     | D      | E     | F     | G       | H       |
|------|---------|-------|--------|-------|-------|---------|---------|
| 23   | 22.9893 | 3.25  | 5.75   | 3.25  | 14.5  | 8.8028  | 8.5013  |
| 34.5 | 34.484  | 4.875 | 7.8125 | 4.875 | 21.75 | 13.2034 | 12.7559 |
| 46   | 45.9787 | 6.5   | 11.5   | 6.5   | 29    | 17.6056 | 17.0026 |



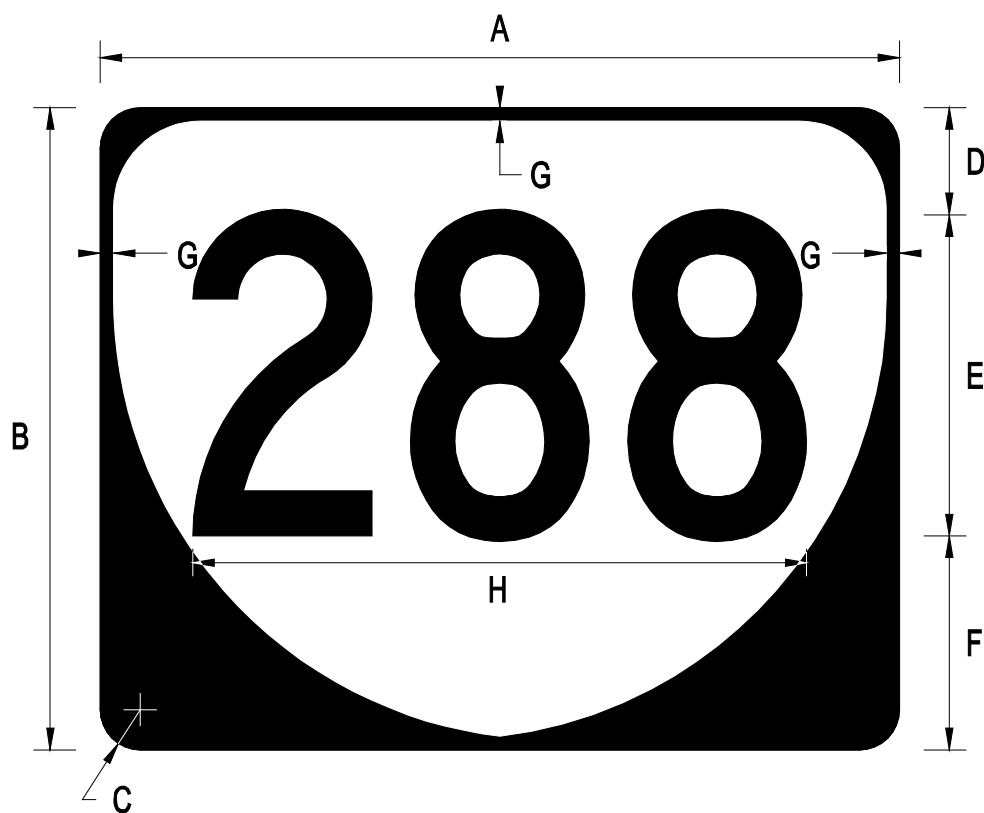
M1-V1b

Virginia Primary Route Sign for Guide Sign Use (1 or 2 Digits)

| A  | B     | C   | D    | E    | F    | G       | H       | J     | K      | L       | M    |
|----|-------|-----|------|------|------|---------|---------|-------|--------|---------|------|
| 24 | 3.75  | 4   | 12 C | 8    | 15   | 9.3028  | 9.0013  | 3.75  | 5.75   | 14.5    | Var. |
| 36 | 5.625 | 5.5 | 18 C | 12.5 | 22.5 | 13.9535 | 13.5059 | 5.625 | 7.8125 | 22.5625 | Var. |
| 48 | 7.5   | 7   | 24 C | 17   | 30   | 18.6056 | 18.0026 | 7.5   | 11.5   | 29      | Var. |

( ) Denotes line length.

COLORS:    LEGEND    — BLACK  
                  BACKGROUND    — WHITE    (RETROREFLECTIVE)

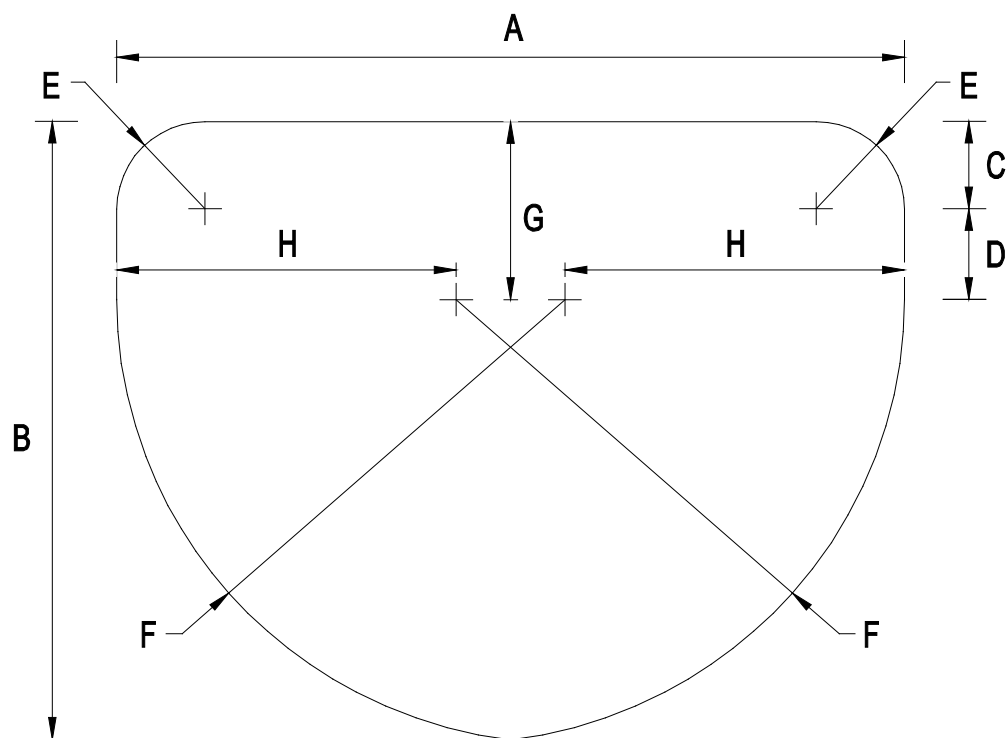


M1-V1c

Virginia Primary Route Sign for Independent Use (3 Digits)

| A  | B  | C    | D   | E    | F    | G    | H    |
|----|----|------|-----|------|------|------|------|
| 30 | 24 | 1.5  | 4   | 12 C | 8    | 0.5  | Var. |
| 45 | 36 | 2.25 | 5.5 | 18 C | 12.5 | 0.75 | Var. |
| 60 | 48 | 3    | 7   | 24 C | 17   | 1    | Var. |

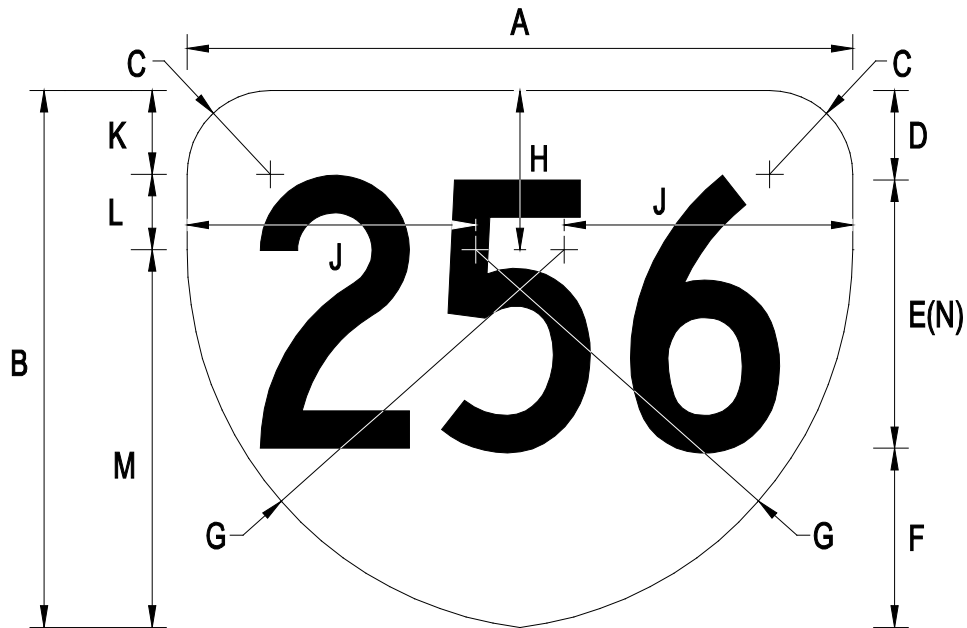
COLORS:    LEGEND                      — BLACK  
                  BACKGROUND               — WHITE                      (RETROREFLECTIVE)  
                  AREA OUTSIDE OF SHIELD   — BLACK



## M1-V1c (Shield)

Shield Layout for Virginia Primary Route Sign for Independent Use (3 Digits)

| A    | B       | C     | D     | E     | F     | G       | H       |
|------|---------|-------|-------|-------|-------|---------|---------|
| 29   | 22.9893 | 3.25  | 3.375 | 3.25  | 16.5  | 6.6181  | 12.5    |
| 43.5 | 34.4946 | 4.875 | 5     | 4.875 | 24.75 | 10.6771 | 18.75   |
| 58   | 45.9928 | 6.5   | 6.375 | 6.5   | 33    | 13.2359 | 25.0019 |



M1-V1d

Virginia Primary Route Sign for Guide Sign Use (3 Digits)

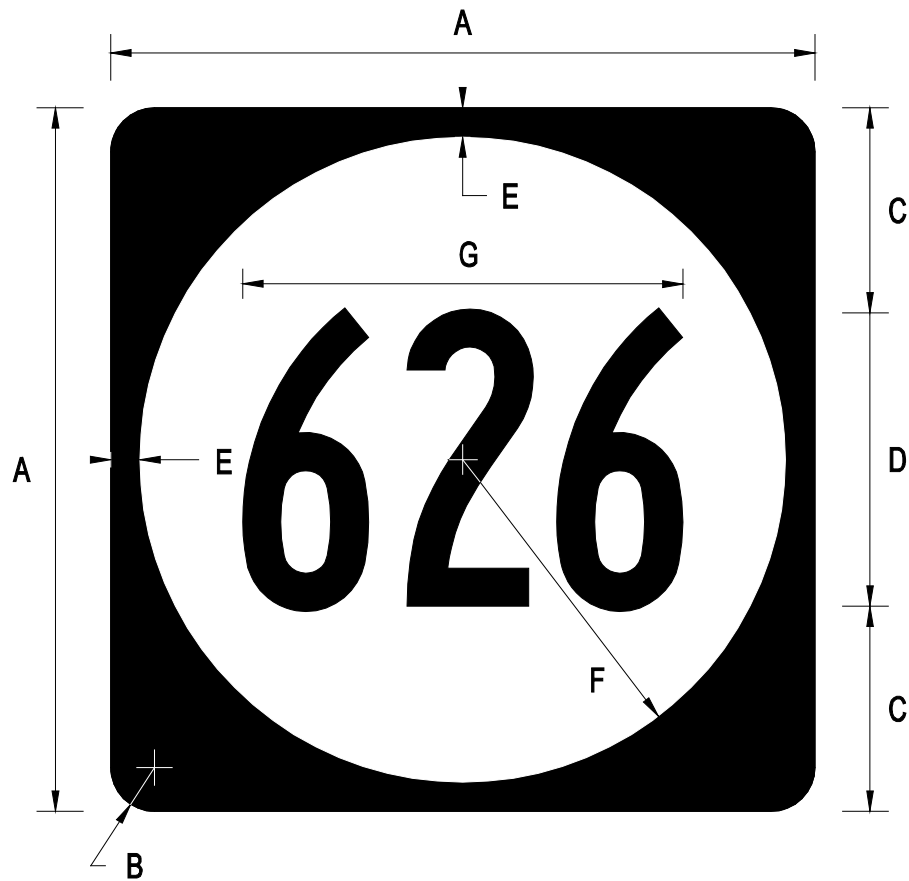
| A  | B  | C     | D   | E    | F    | G    | H       | J       | K     | L     | M      |
|----|----|-------|-----|------|------|------|---------|---------|-------|-------|--------|
| 30 | 24 | 3.75  | 4   | 12 C | 8    | 17   | 7.1181  | 13      | 3.75  | 3.375 | 16.875 |
| 45 | 36 | 5.625 | 5.5 | 18 C | 12.5 | 25.5 | 10.6771 | 19.5    | 5.625 | 5     | 25.375 |
| 60 | 48 | 7.5   | 7   | 24 C | 17   | 34   | 14.2359 | 26.0019 | 7.5   | 6.375 | 34.125 |

|      |
|------|
| N    |
| Var. |
| Var. |
| Var. |

( ) Denotes line length.

COLORS:   LEGEND       — BLACK  
               BACKGROUND   — WHITE       (RETROREFLECTIVE)



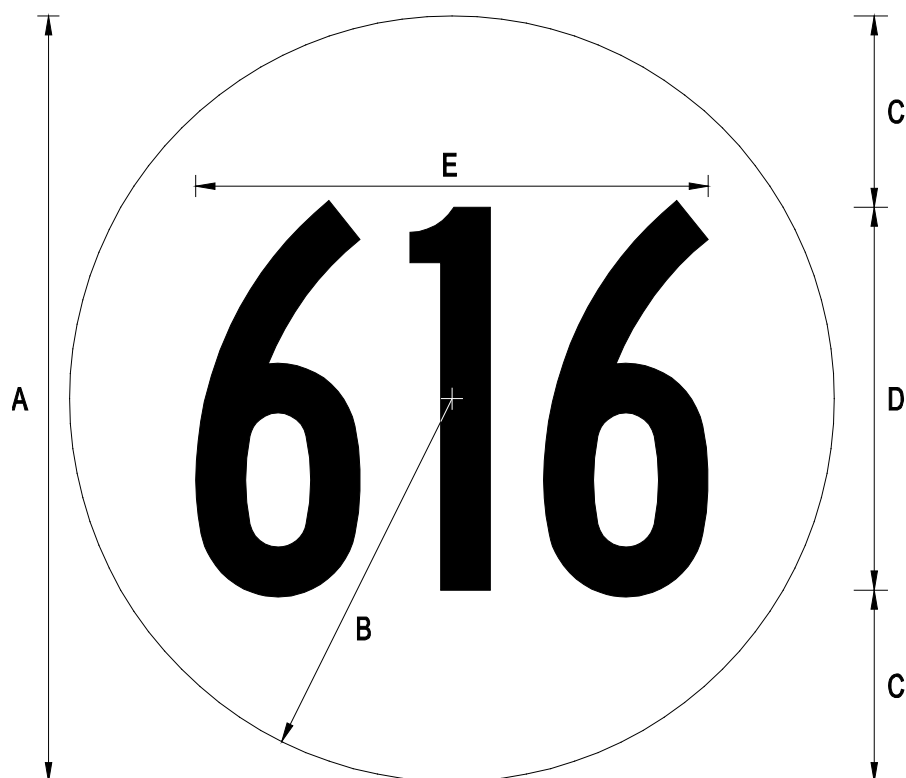


M1-V2a

Virginia Circular Secondary Route Sign for Independent Use (3 Digits)

| A  | B    | C  | D    | E | F  | G    |
|----|------|----|------|---|----|------|
| 24 | 1.5  | 7  | 10 B | 1 | 11 | Var. |
| 36 | 2.25 | 10 | 16 B | 1 | 17 | Var. |
| 48 | 3    | 14 | 20 B | 1 | 23 | Var. |

COLORS:    LEGEND                      — BLACK  
                  BACKGROUND               — WHITE                      (RETROREFLECTIVE)  
                  AREA OUTSIDE OF SHIELD   — BLACK

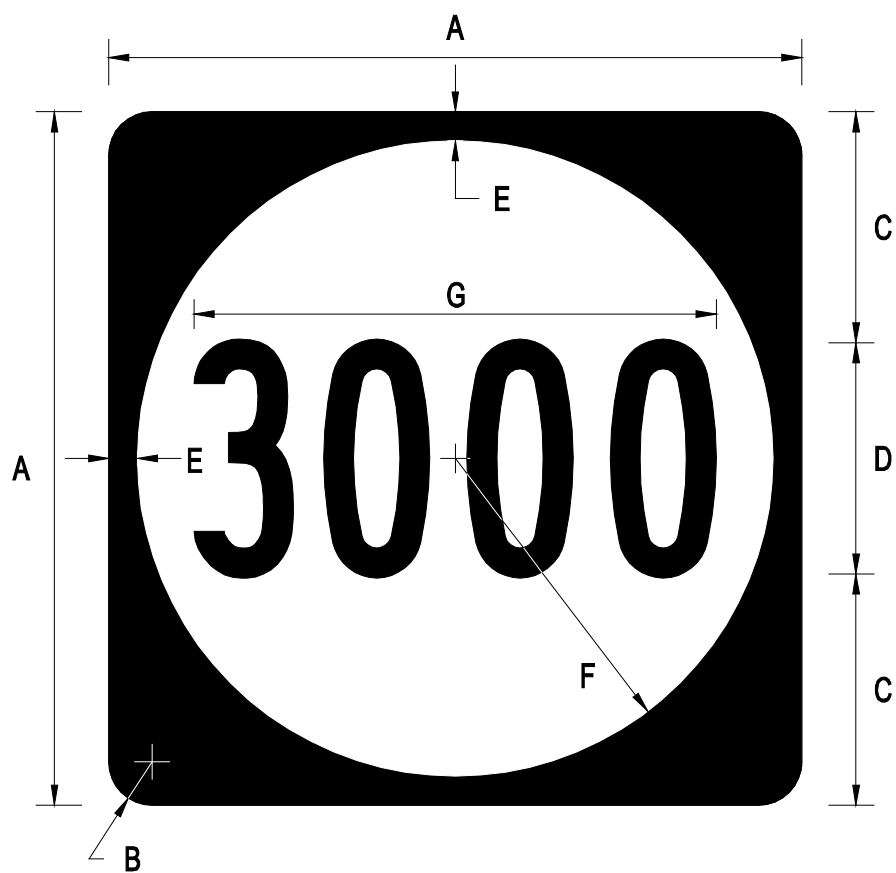


## M1-V2b

Virginia Circular Secondary Route Sign for Guide Sign Use (3 Digits)

| A  | B  | C  | D    | E    |
|----|----|----|------|------|
| 24 | 12 | 6  | 12 B | Var. |
| 36 | 18 | 9  | 18 B | Var. |
| 48 | 24 | 12 | 24 B | Var. |

COLORS:   LEGEND       — BLACK  
               BACKGROUND   — WHITE       (RETROREFLECTIVE)

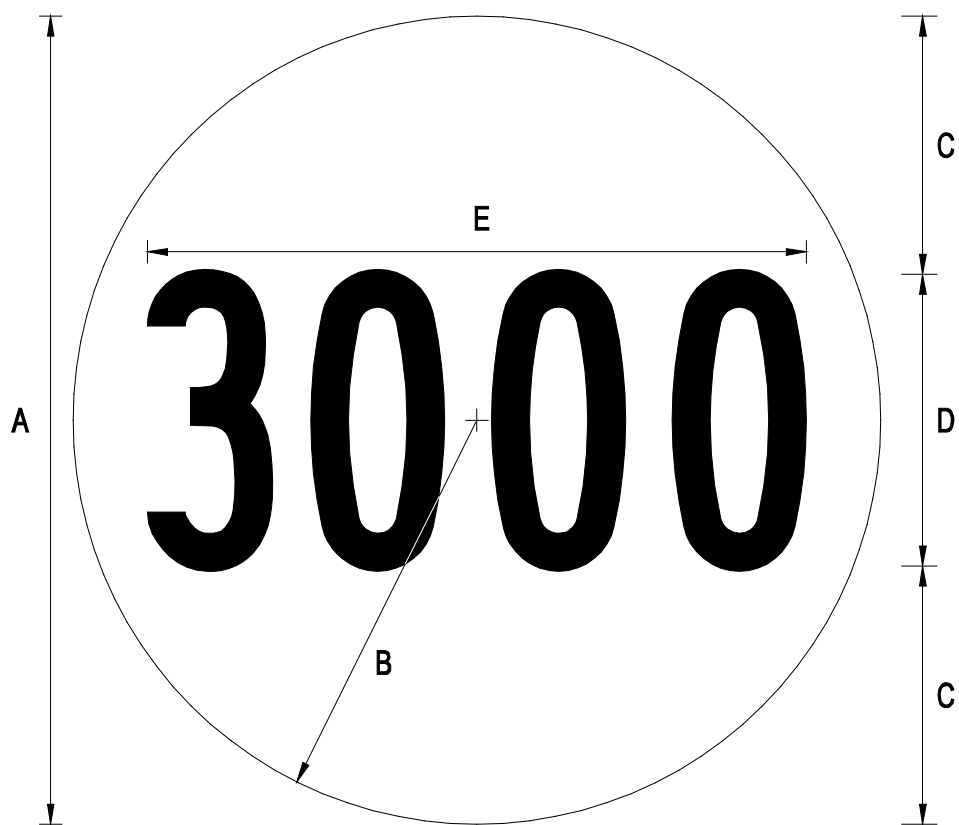


## M1-V2c

Virginia Circular Secondary Route Sign for Independent Use (4 Digits)

| A  | B    | C    | D    | E | F  | G    |
|----|------|------|------|---|----|------|
| 24 | 1.5  | 8    | 8 B  | 1 | 11 | Var. |
| 36 | 2.25 | 11.5 | 13 B | 1 | 17 | Var. |
| 48 | 3    | 16   | 16 B | 1 | 23 | Var. |

COLORS:    LEGEND                      — BLACK  
                  BACKGROUND               — WHITE                      (RETROREFLECTIVE)  
                  AREA OUTSIDE OF SHIELD   — BLACK

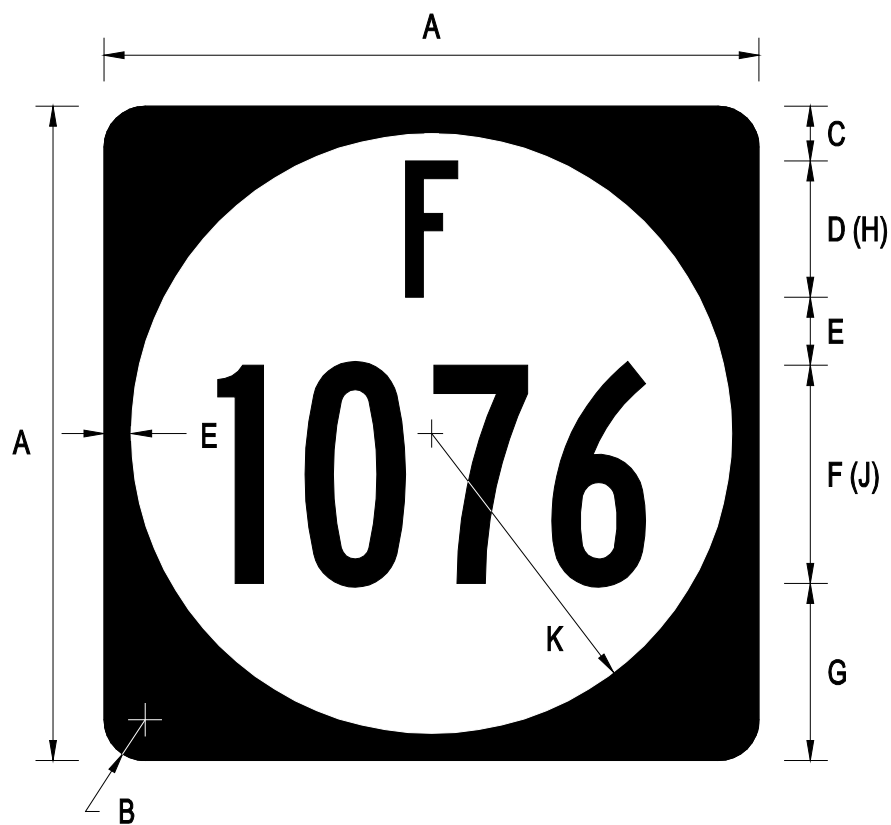


M1-V2d

Virginia Circular Secondary Route Sign for Guide Sign Use (4 Digits)

| A  | B  | C    | D    | E    |
|----|----|------|------|------|
| 24 | 12 | 7.5  | 9 B  | Var. |
| 36 | 18 | 11.5 | 13 B | Var. |
| 48 | 24 | 15   | 18 B | Var. |

COLORS:    LEGEND    — BLACK  
               BACKGROUND    — WHITE    (RETROREFLECTIVE)



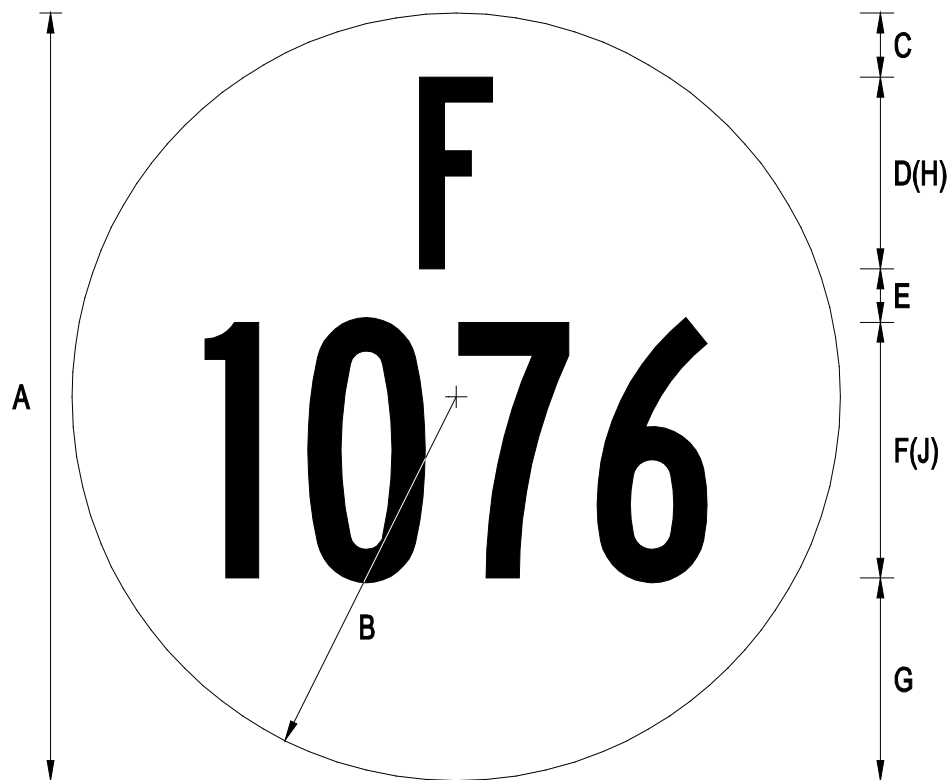
M1-V2e

Virginia Circular Secondary Route Sign for Independent Use (F &amp; 4 Digits)

| A  | B    | C | D    | E   | F    | G   | H   | J    | K  | L |
|----|------|---|------|-----|------|-----|-----|------|----|---|
| 24 | 1.5  | 2 | 5 B  | 2.5 | 8 B  | 6.5 | 1.9 | Var. | 11 | 1 |
| 36 | 2.25 | 3 | 9 B  | 2.5 | 12 B | 9.5 | 3.4 | Var. | 17 | 1 |
| 48 | 3    | 4 | 10 B | 5   | 16 B | 13  | 3.8 | Var. | 23 | 1 |

( ) Denotes line length.

COLORS:    LEGEND                      — BLACK  
                  BACKGROUND               — WHITE                      (RETROREFLECTIVE)  
                  AREA OUTSIDE OF SHIELD   — BLACK



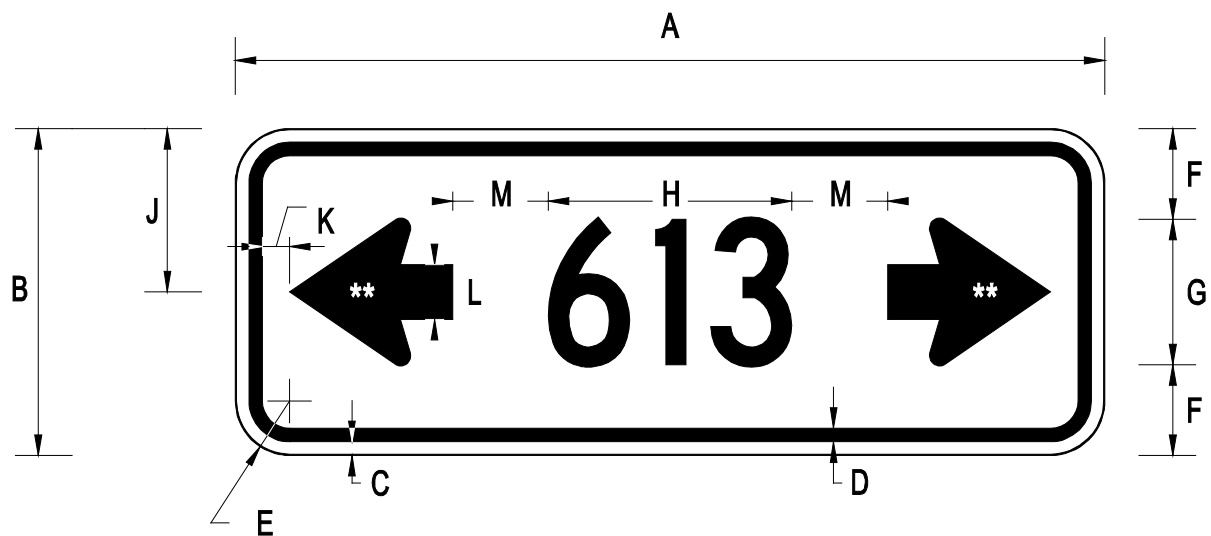
## M1-V2f

Virginia Circular Secondary Route Sign for Guide Sign Use (F &amp; 4 Digits)

| A  | B  | C | D    | E    | F    | G    | H   | J    |
|----|----|---|------|------|------|------|-----|------|
| 24 | 12 | 2 | 6 B  | 1.75 | 8 B  | 6.25 | 2.3 | Var. |
| 36 | 18 | 3 | 9 B  | 2.5  | 12 B | 9.5  | 3.4 | Var. |
| 48 | 24 | 4 | 12 B | 3.5  | 16 B | 12.5 | 4.6 | Var. |

( ) Denotes line length.

COLORS:    LEGEND    — BLACK  
               BACKGROUND    — WHITE    (RETROREFLECTIVE)



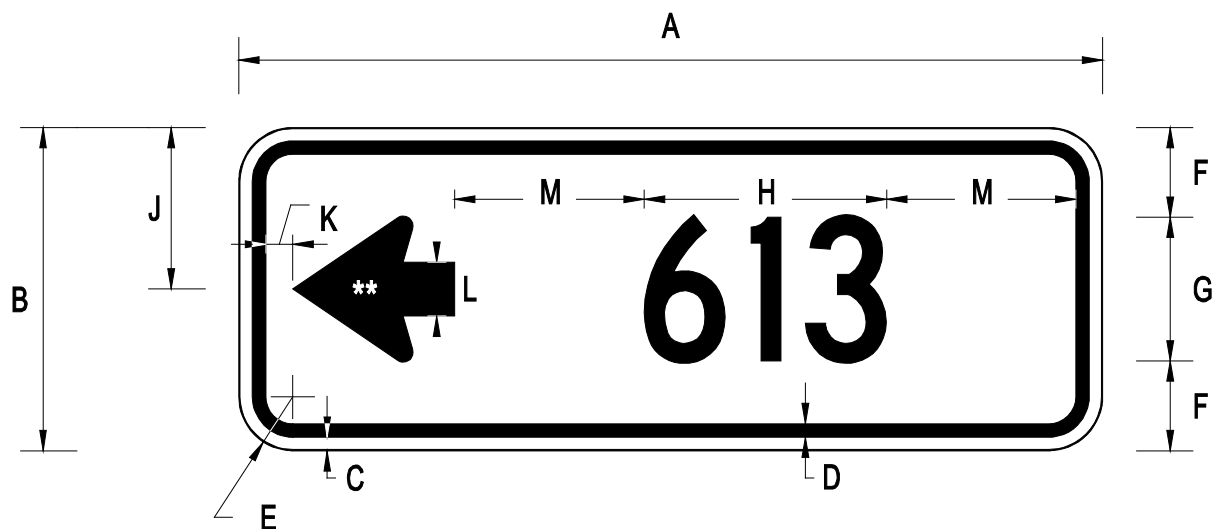
## M1-V3aB

Virginia Rectangular Secondary Route Sign (3 Digits) - Two Arrows

| A  | B | C     | D     | E   | F   | G   | H    | J   | K    | L   | M      |
|----|---|-------|-------|-----|-----|-----|------|-----|------|-----|--------|
| 24 | 9 | 0.375 | 0.375 | 1.5 | 2.5 | 4 C | Var. | 4.5 | 0.75 | 1.5 | 1 Min. |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

COLORS:    LEGEND            — BLACK  
                  BACKGROUND    — WHITE            (RETROREFLECTIVE)



## M1-V3aL

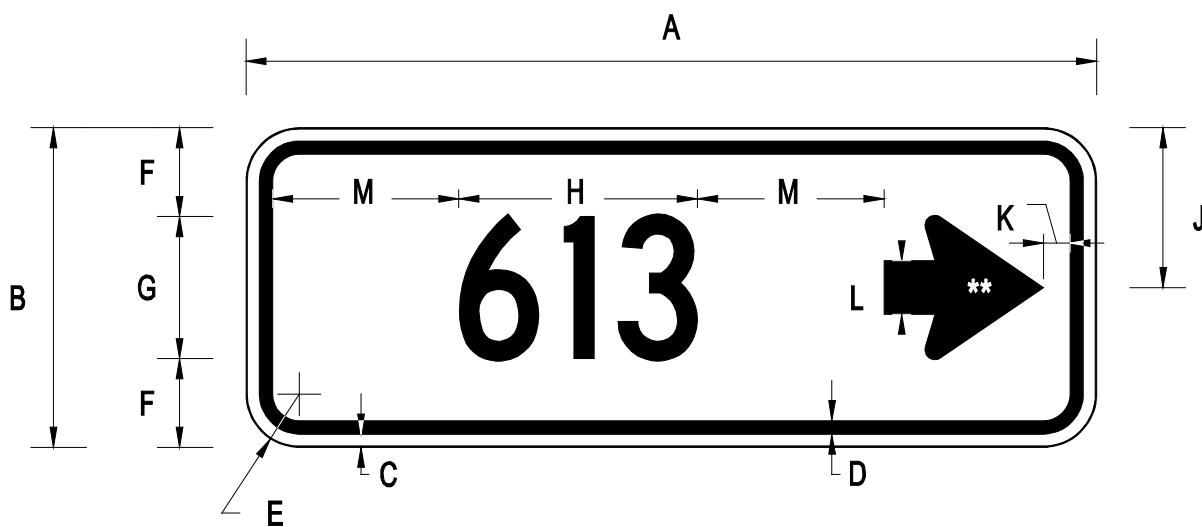
Virginia Rectangular Secondary Route Sign (3 Digits) - Left Arrow

| A  | B | C     | D     | E   | F   | G   | H    | J   | K    | L   | M      |
|----|---|-------|-------|-----|-----|-----|------|-----|------|-----|--------|
| 24 | 9 | 0.375 | 0.375 | 1.5 | 2.5 | 4 C | Var. | 4.5 | 0.75 | 1.5 | 1 Min. |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

COLORS: LEGEND — BLACK  
BACKGROUND — WHITE (RETROREFLECTIVE)





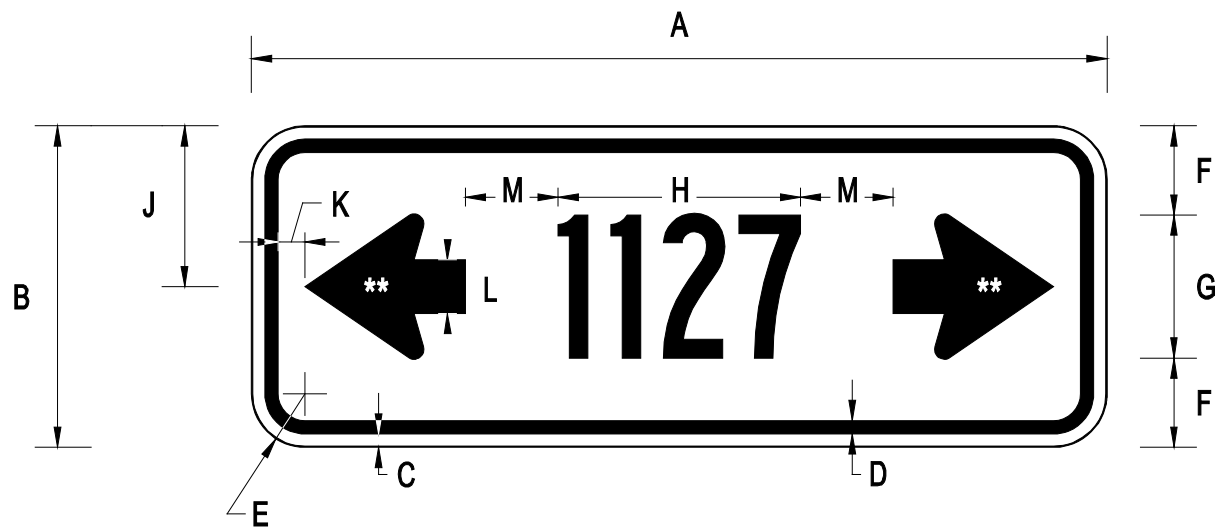
## M1-V3aR

Virginia Rectangular Secondary Route Sign (3 Digits) - Right Arrow

| A  | B | C     | D     | E   | F   | G   | H    | J   | K    | L   | M      |
|----|---|-------|-------|-----|-----|-----|------|-----|------|-----|--------|
| 24 | 9 | 0.375 | 0.375 | 1.5 | 2.5 | 4 C | Var. | 4.5 | 0.75 | 1.5 | 1 Min. |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

COLORS: LEGEND — BLACK  
BACKGROUND — WHITE (RETROREFLECTIVE)



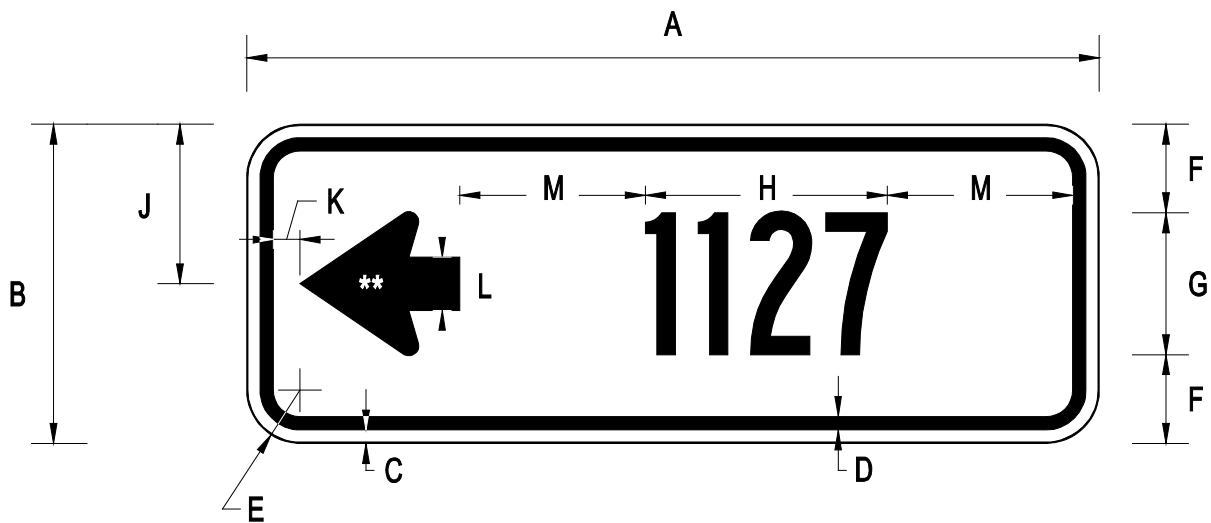
## M1-V3bB

Virginia Rectangular Secondary Route Sign (4 Digits) - Two Arrows

| A  | B | C     | D     | E   | F   | G   | H    | J   | K    | L   | M      |
|----|---|-------|-------|-----|-----|-----|------|-----|------|-----|--------|
| 24 | 9 | 0.375 | 0.375 | 1.5 | 2.5 | 4 B | Var. | 4.5 | 0.75 | 1.5 | 1 Min. |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

COLORS:    LEGEND            — BLACK  
                  BACKGROUND    — WHITE            (RETROREFLECTIVE)



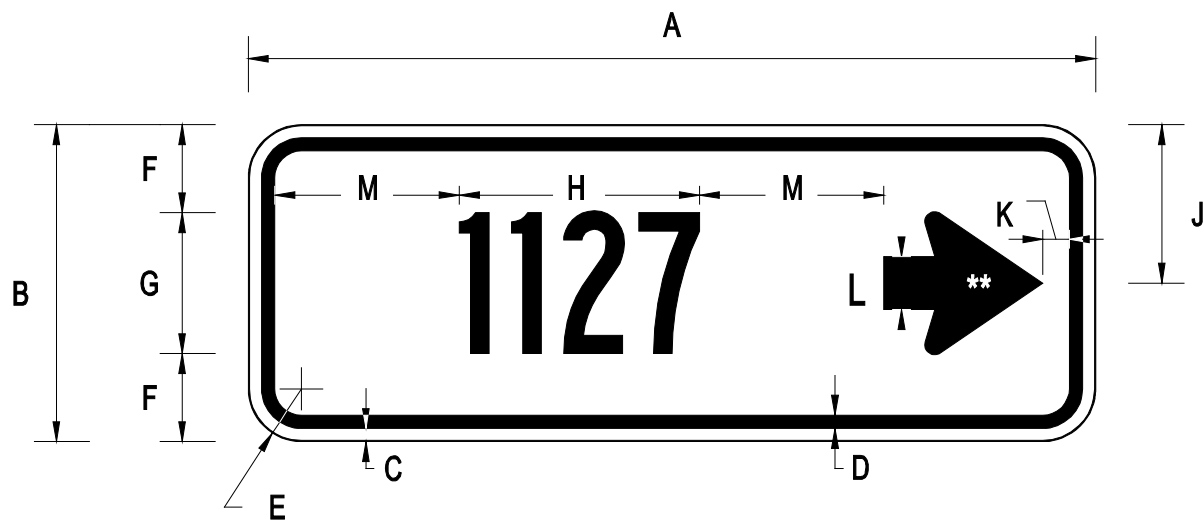
## M1-V3bL

Virginia Rectangular Secondary Route Sign (4 Digits) - Left Arrow

| A  | B | C     | D     | E   | F   | G   | H    | J   | K    | L   | M      |
|----|---|-------|-------|-----|-----|-----|------|-----|------|-----|--------|
| 24 | 9 | 0.375 | 0.375 | 1.5 | 2.5 | 4 B | Var. | 4.5 | 0.75 | 1.5 | 1 Min. |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

COLORS: LEGEND — BLACK  
BACKGROUND — WHITE (RETROREFLECTIVE)



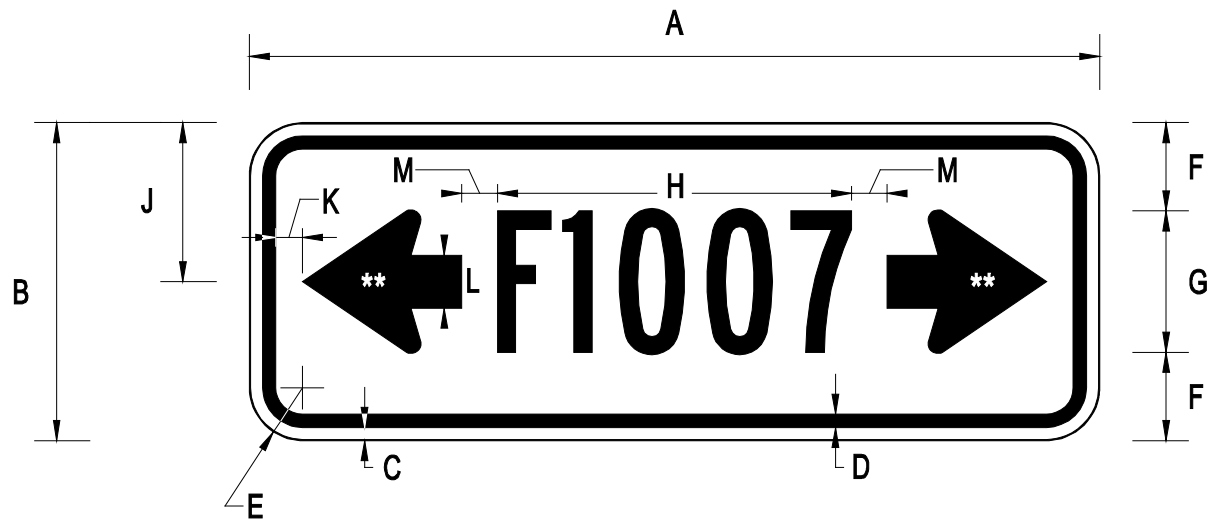
## M1-V3bR

Virginia Rectangular Secondary Route Sign (4 Digits) - Right Arrow

| A  | B | C     | D     | E   | F   | G   | H    | J   | K    | L   | M      |
|----|---|-------|-------|-----|-----|-----|------|-----|------|-----|--------|
| 24 | 9 | 0.375 | 0.375 | 1.5 | 2.5 | 4 B | Var. | 4.5 | 0.75 | 1.5 | 1 Min. |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

COLORS: LEGEND — BLACK  
BACKGROUND — WHITE (RETROREFLECTIVE)



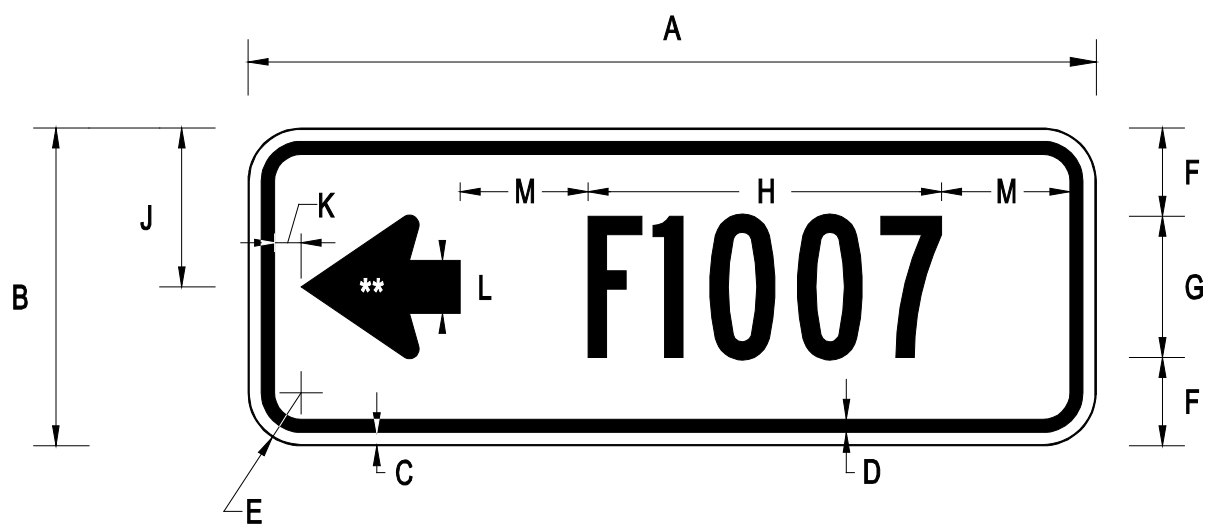
## M1-V3cB

Virginia Rectangular Secondary Route Sign (5 Digits) - Two Arrows

| A  | B | C     | D     | E   | F   | G   | H    | J   | K    | L   | M      |
|----|---|-------|-------|-----|-----|-----|------|-----|------|-----|--------|
| 24 | 9 | 0.375 | 0.375 | 1.5 | 2.5 | 4 B | Var. | 4.5 | 0.75 | 1.5 | 1 Min. |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

COLORS:    LEGEND    — BLACK  
                  BACKGROUND    — WHITE    (RETROREFLECTIVE)



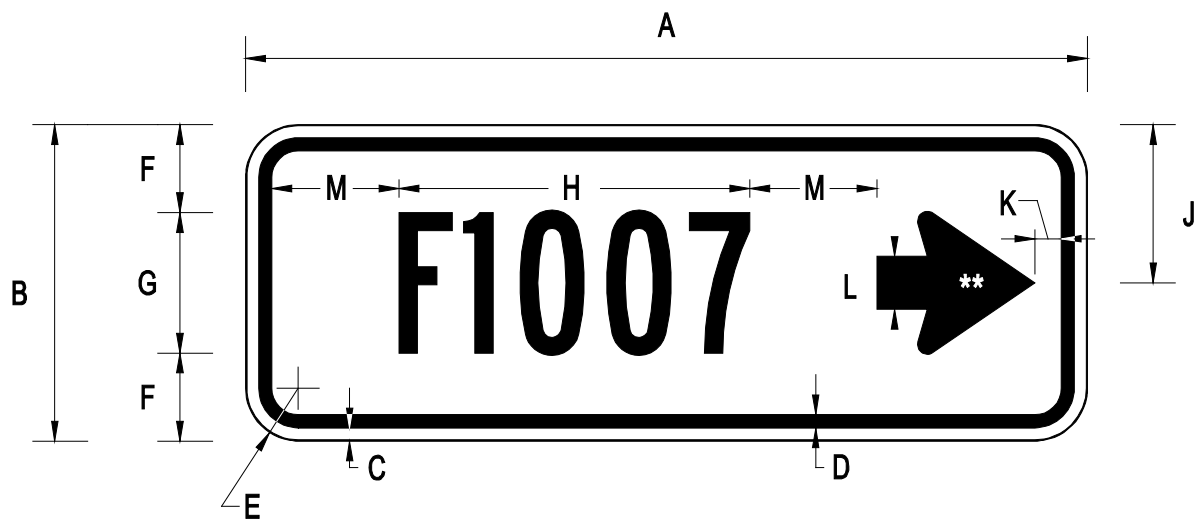
## M1-V3cL

Virginia Rectangular Secondary Route Sign (5 Digits) - Left Arrow

| A  | B | C     | D     | E   | F   | G   | H    | J   | K    | L   | M      |
|----|---|-------|-------|-----|-----|-----|------|-----|------|-----|--------|
| 24 | 9 | 0.375 | 0.375 | 1.5 | 2.5 | 4 B | Var. | 4.5 | 0.75 | 1.5 | 1 Min. |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

COLORS:    LEGEND       — BLACK  
                  BACKGROUND    — WHITE       (RETROREFLECTIVE)



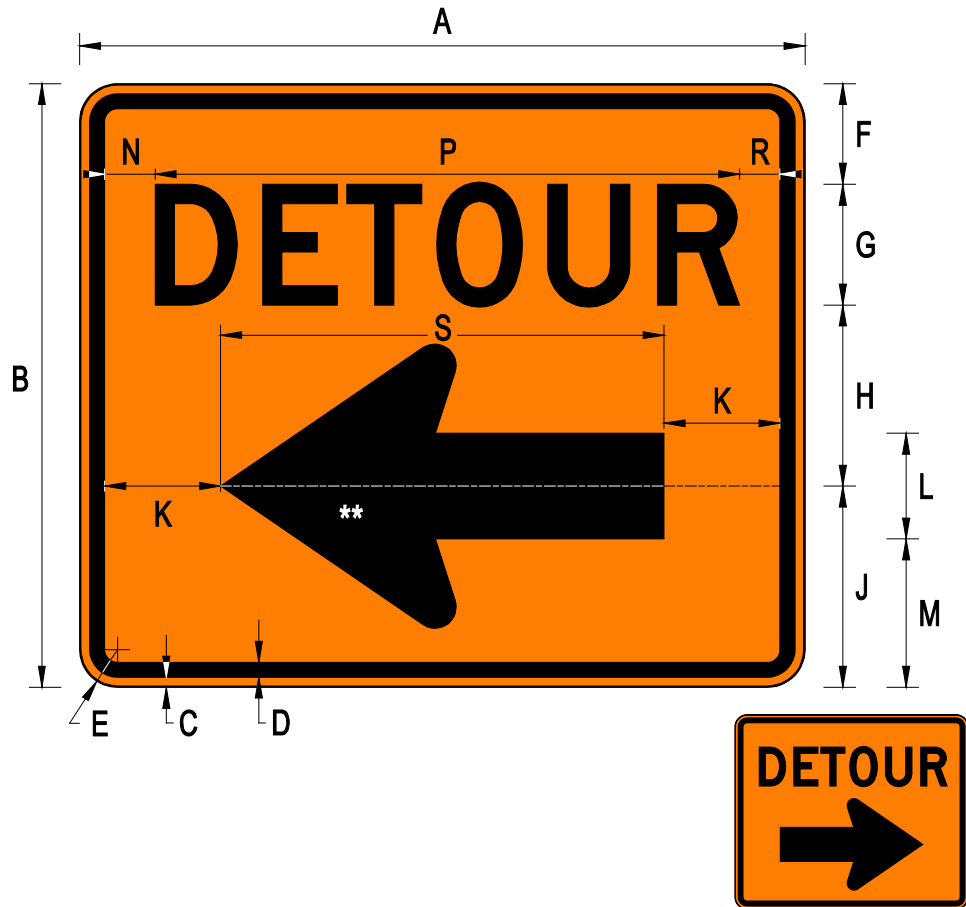
## M1-V3cR

Virginia Rectangular Secondary Route Sign (5 Digits) - Right Arrow

| A  | B | C     | D     | E   | F   | G   | H    | J   | K    | L   | M      |
|----|---|-------|-------|-----|-----|-----|------|-----|------|-----|--------|
| 24 | 9 | 0.375 | 0.375 | 1.5 | 2.5 | 4 B | Var. | 4.5 | 0.75 | 1.5 | 1 Min. |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

COLORS:    LEGEND            — BLACK  
                  BACKGROUND    — WHITE            (RETROREFLECTIVE)



M4-9L (V)  
DETOUR - Horizontal Arrow

M4-9R (V)

| A  | B  | C   | D    | E     | F | G   | H | J  | K    | L    | M     |
|----|----|-----|------|-------|---|-----|---|----|------|------|-------|
| 36 | 30 | 0.5 | 0.75 | 1.875 | 5 | 6 D | 9 | 10 | 5.75 | 5.25 | 7.375 |

| N   | P  | R | S  |
|-----|----|---|----|
| 2.5 | 29 | 2 | 22 |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

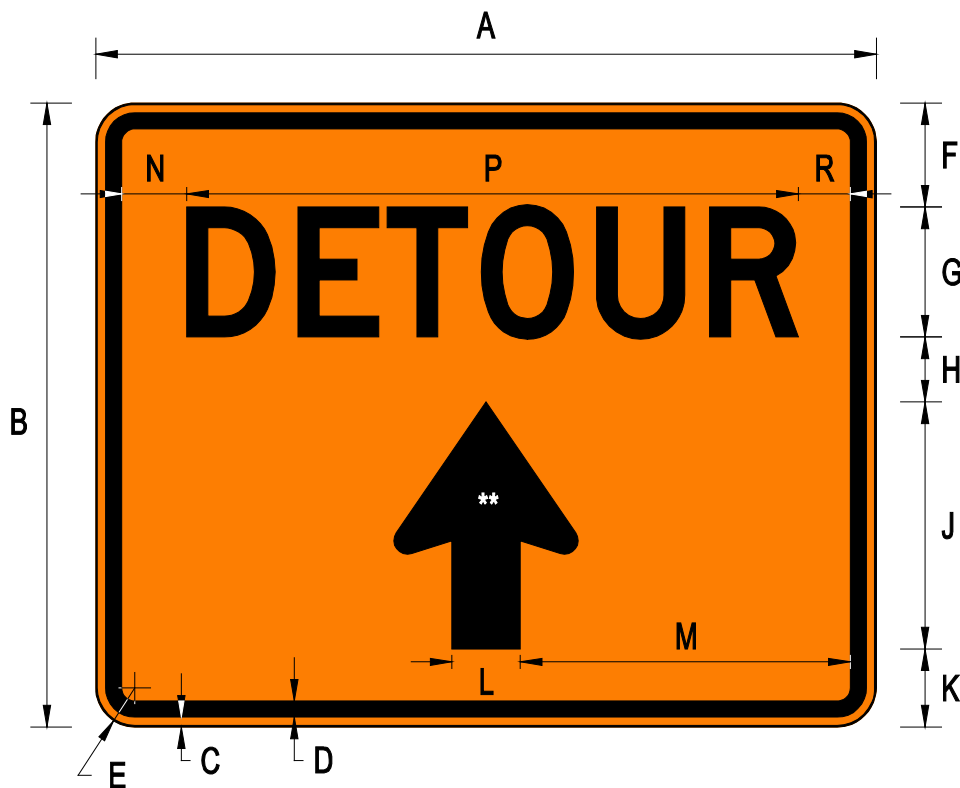
TTC SIGN COLORS:

LEGEND — BLACK  
BACKGROUND — FLUORESCENT ORANGE (RETROREFLECTIVE)

INCIDENT MANAGEMENT SIGN COLORS:

LEGEND — BLACK  
BACKGROUND — FLUORESCENT PINK (RETROREFLECTIVE)





M4-V1  
DETOUR - Up Arrow

| A  | B  | C     | D     | E     | F | G    | H   | J  | K   | L      | M        |
|----|----|-------|-------|-------|---|------|-----|----|-----|--------|----------|
| 36 | 30 | 0.5   | 0.75  | 1.875 | 5 | 6 D  | 3.5 | 12 | 3.5 | 3.3125 | 15.09375 |
| 48 | 36 | 0.625 | 0.875 | 2.25  | 6 | 8 D  | 4   | 14 | 4   | 4      | 20.5     |
| 60 | 48 | 0.75  | 1.25  | 3     | 8 | 10 D | 5   | 19 | 6   | 5.25   | 25.375   |

| N   | P     | R    |
|-----|-------|------|
| 2.5 | 29    | 2    |
| 3   | 39.75 | 2.25 |
| 5   | 47    | 4    |

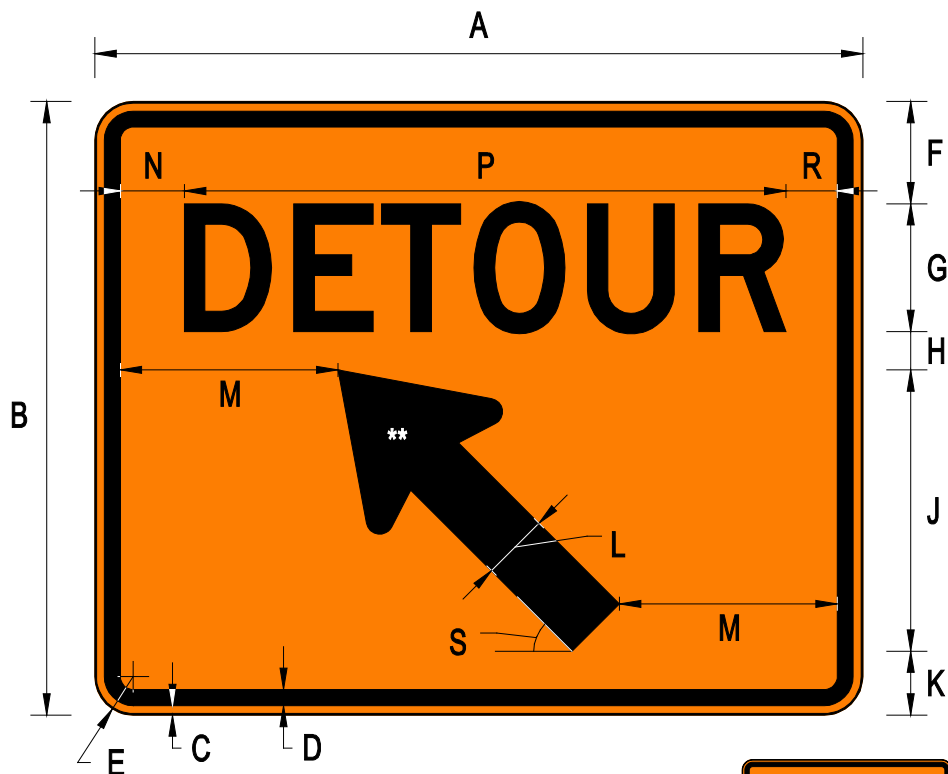
\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

TTC SIGN COLORS:

LEGEND — BLACK  
BACKGROUND — FLUORESCENT ORANGE (RETROREFLECTIVE)

INCIDENT MANAGEMENT SIGN COLORS:

LEGEND — BLACK  
BACKGROUND — FLUORESCENT PINK (RETROREFLECTIVE)



M4-V2L  
DETOUR - 45° Arrow

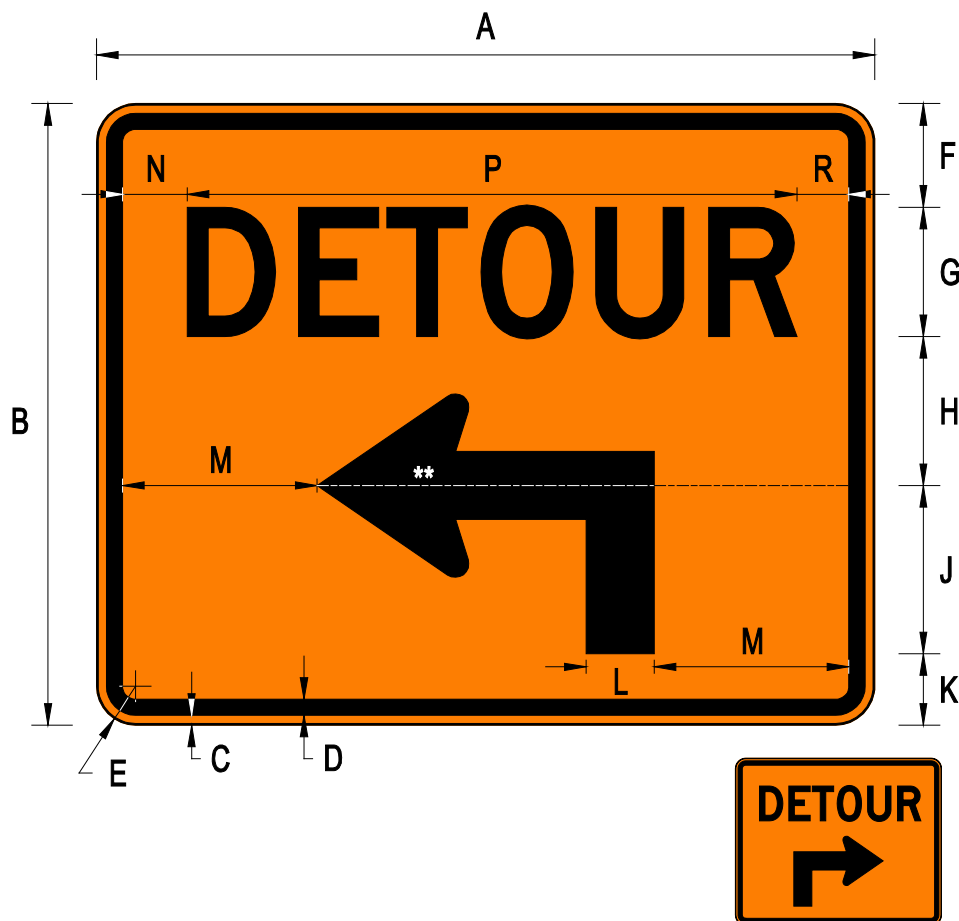
M4-V2R

| A  | B  | C     | D     | E     | F | G    | H   | J  | K   | L      | M    |
|----|----|-------|-------|-------|---|------|-----|----|-----|--------|------|
| 36 | 30 | 0.5   | 0.75  | 1.875 | 5 | 6 D  | 2   | 14 | 3   | 3.3125 | 9.75 |
| 48 | 36 | 0.625 | 0.875 | 2.25  | 6 | 8 D  | 2.5 | 16 | 3.5 | 4      | 14.5 |
| 60 | 48 | 0.75  | 1.25  | 3     | 8 | 10 D | 3   | 22 | 5   | 5.25   | 17   |

| N   | P     | R    | S   |
|-----|-------|------|-----|
| 2.5 | 29    | 2    | 45° |
| 3   | 39.75 | 2.25 | 45° |
| 5   | 47    | 4    | 45° |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

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



M4-V3L

M4-V3R

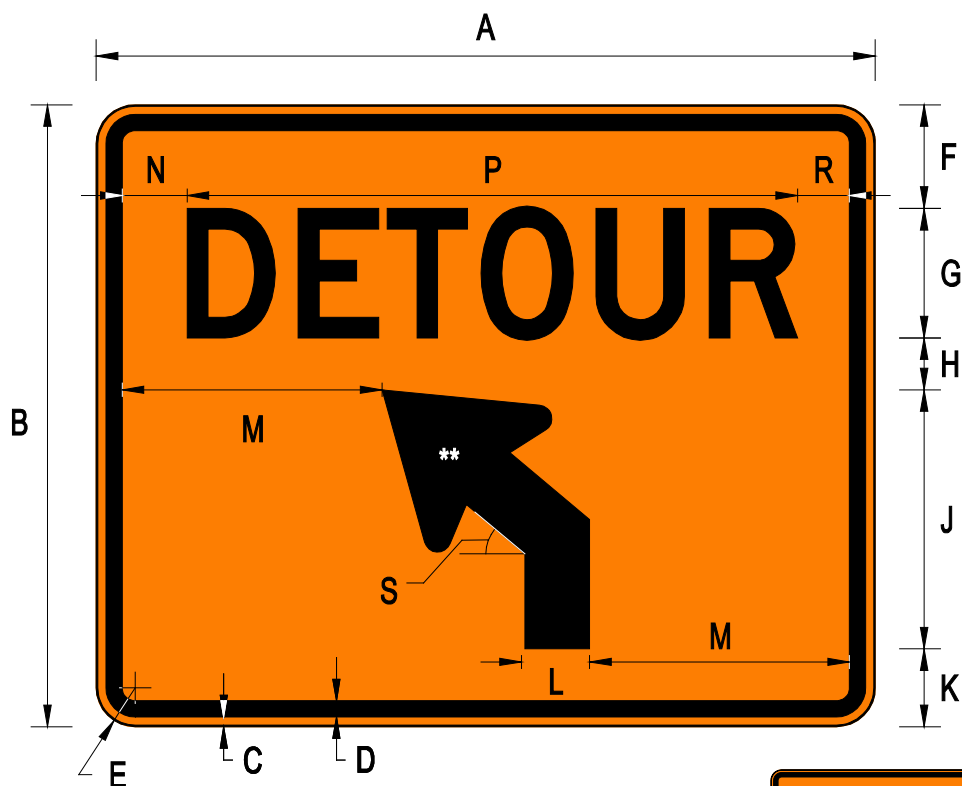
DETOUR - Advance Turn 90° Arrow

| A  | B  | C     | D     | E     | F | G    | H  | J  | K | L      | M    |
|----|----|-------|-------|-------|---|------|----|----|---|--------|------|
| 36 | 30 | 0.5   | 0.75  | 1.875 | 5 | 6 D  | 7  | 9  | 3 | 3.3125 | 8.75 |
| 48 | 36 | 0.625 | 0.875 | 2.25  | 6 | 8 D  | 8  | 10 | 4 | 4      | 12.5 |
| 60 | 48 | 0.75  | 1.25  | 3     | 8 | 10 D | 11 | 14 | 5 | 5.25   | 15   |

| N   | P     | R    |
|-----|-------|------|
| 2.5 | 29    | 2    |
| 3   | 39.75 | 2.25 |
| 5   | 47    | 4    |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

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



M4-V4L

M4-V4R

DETOUR - Advance Turn Diagonal Arrow

| A  | B  | C     | D     | E     | F | G    | H   | J    | K | L    | M  |
|----|----|-------|-------|-------|---|------|-----|------|---|------|----|
| 36 | 30 | 0.5   | 0.75  | 1.875 | 5 | 6 D  | 2.5 | 12.5 | 4 | 3    | 12 |
| 48 | 36 | 0.625 | 0.875 | 2.25  | 6 | 8 D  | 3   | 13   | 5 | 3.5  | 17 |
| 60 | 48 | 0.75  | 1.25  | 3     | 8 | 10 D | 4   | 20   | 6 | 5.25 | 20 |

| N   | P     | R    | S   |
|-----|-------|------|-----|
| 2.5 | 29    | 2    | 40° |
| 3   | 39.75 | 2.25 | 40° |
| 5   | 47    | 4    | 40° |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

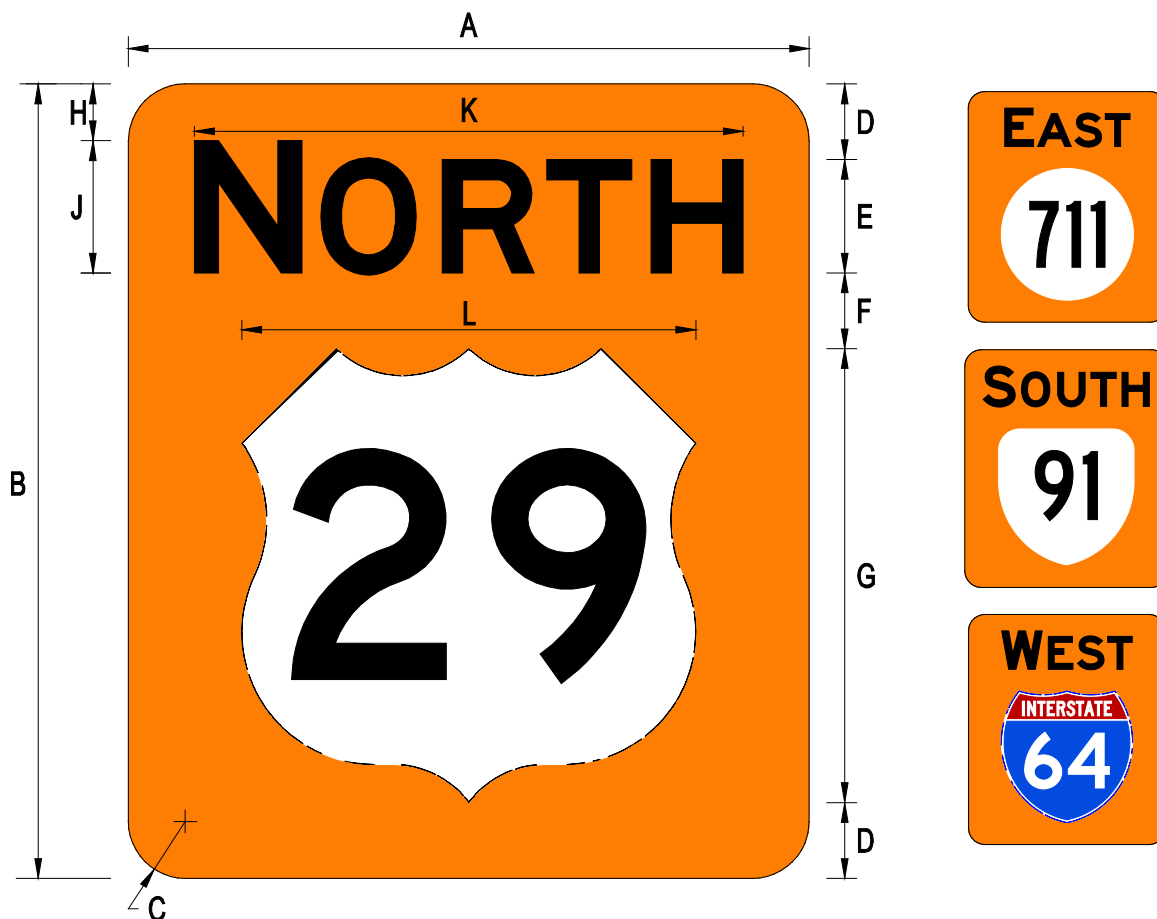
TTC SIGN COLORS:

LEGEND

BACKGROUND

— BLACK

— FLUORESCENT ORANGE (RETROREFLECTIVE)



M4-V5a

Cardinal Direction / Route Shield (Plaque)

| A  | B  | C  | D | E    | F  | G  | H | J    | K    | L  |
|----|----|----|---|------|----|----|---|------|------|----|
| 36 | 42 | 3  | 4 | 6 E  | 4  | 24 | 3 | 7 E  | Var. | 24 |
| 48 | 60 | 6  | 5 | 8 E  | 6  | 36 | 3 | 10 E | Var. | 36 |
| 66 | 84 | 10 | 8 | 10 E | 10 | 48 | 6 | 12 E | Var. | 48 |

TTC SIGN COLORS:

LEGEND  
BACKGROUND

— BLACK

— FLUORESCENT ORANGE (RETROREFLECTIVE)

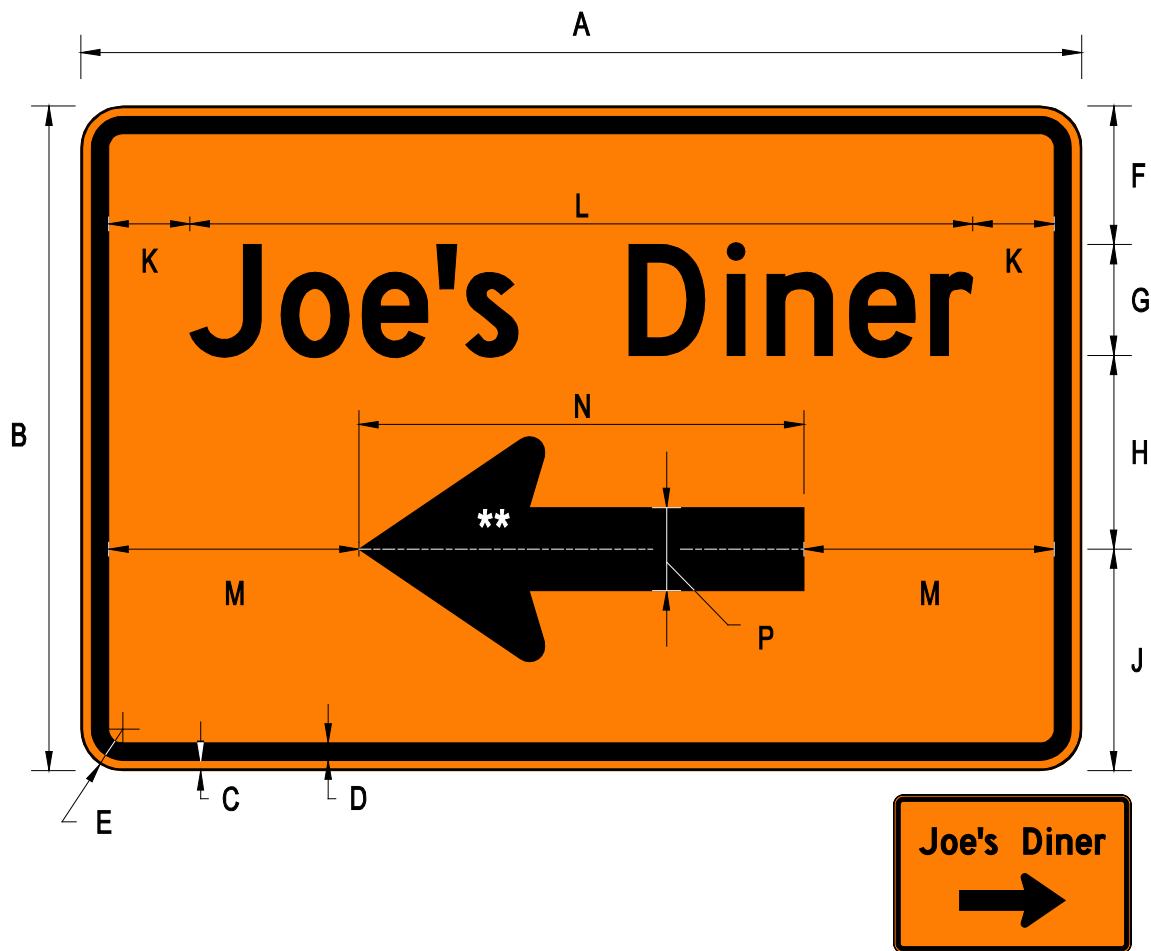


M4-V5b

Cardinal Direction / Route Shield (Plaque)

| A  | B  | C  | D | E    | F  | G  | H | J    | K    | L  |
|----|----|----|---|------|----|----|---|------|------|----|
| 36 | 42 | 3  | 4 | 6 E  | 4  | 24 | 3 | 7 E  | Var. | 30 |
| 48 | 60 | 6  | 5 | 8 E  | 6  | 36 | 3 | 10 E | Var. | 45 |
| 66 | 84 | 10 | 8 | 10 E | 10 | 48 | 6 | 12 E | Var. | 60 |

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



M4-V6aL

TTC Business Entrance (One Line)

M4-V6aR

| A    | B  | C     | D     | E   | F | G   | H | J | K      | L    | M      |
|------|----|-------|-------|-----|---|-----|---|---|--------|------|--------|
| Var. | 24 | 0.375 | 0.625 | 1.5 | 5 | 4 D | 7 | 8 | 4 Min. | Var. | 4 Min. |

| N  | P |
|----|---|
| 16 | 3 |

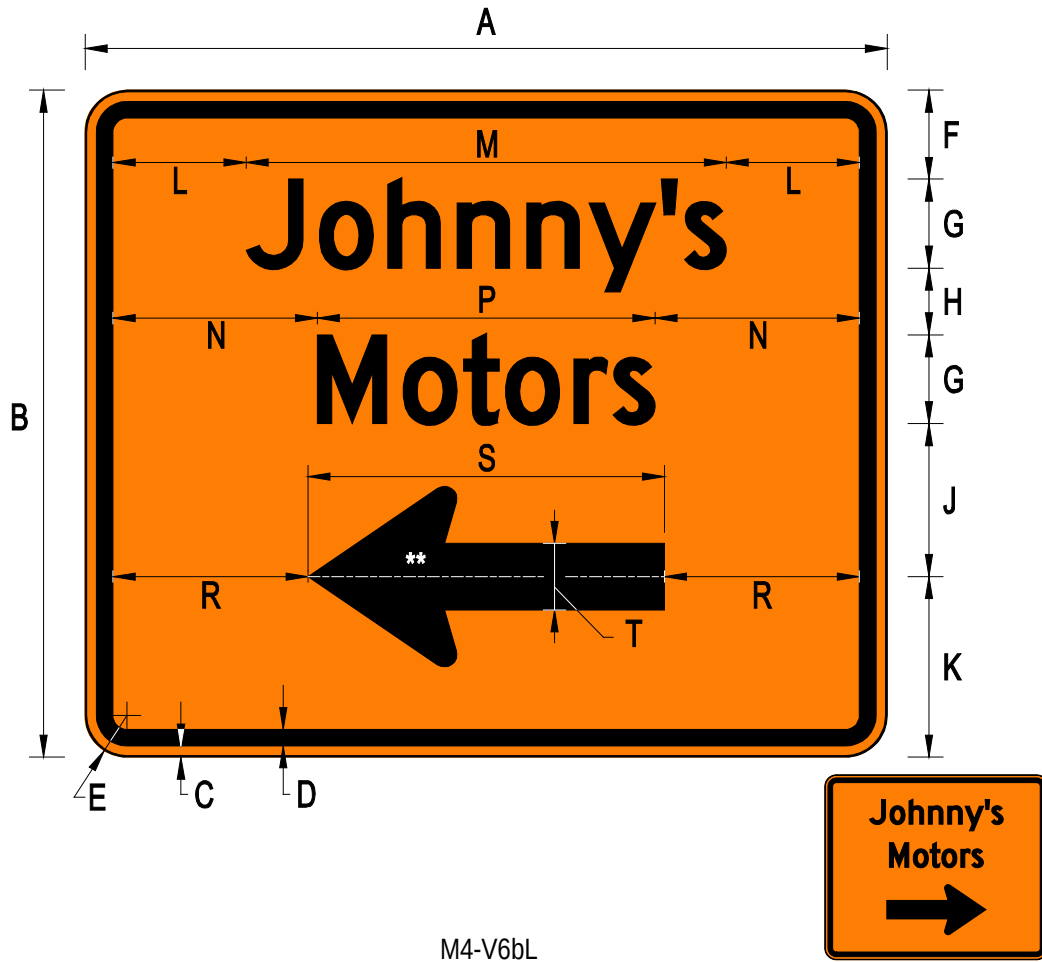
\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

TTC SIGN COLORS:

LEGEND  
BACKGROUND

— BLACK

— FLUORESCENT ORANGE (RETROREFLECTIVE)



M4-V6bL

TTC Business Entrance (Two Lines)

M4-V6bR

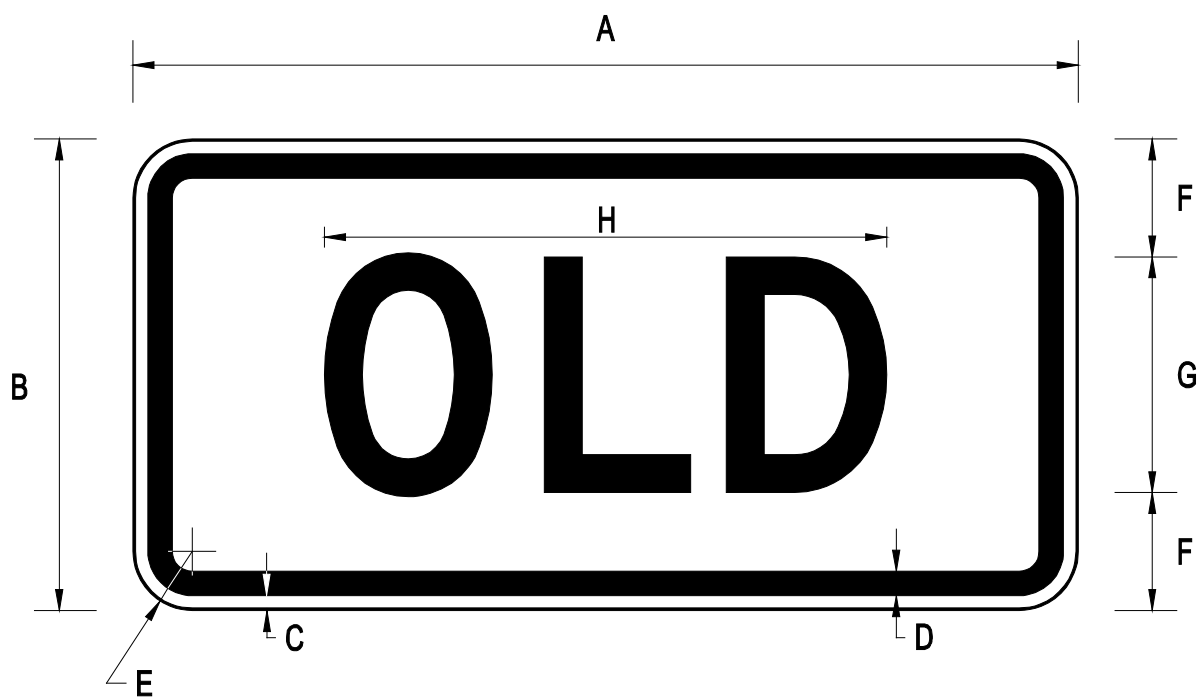
| A    | B  | C   | D    | E     | F | G   | H | J     | K     | L      | M    |
|------|----|-----|------|-------|---|-----|---|-------|-------|--------|------|
| Var. | 30 | 0.5 | 0.75 | 1.875 | 4 | 4 D | 3 | 6.875 | 8.125 | 4 Min. | Var. |

| N      | P    | R      | S  | T |
|--------|------|--------|----|---|
| 4 Min. | Var. | 4 Min. | 16 | 3 |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

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



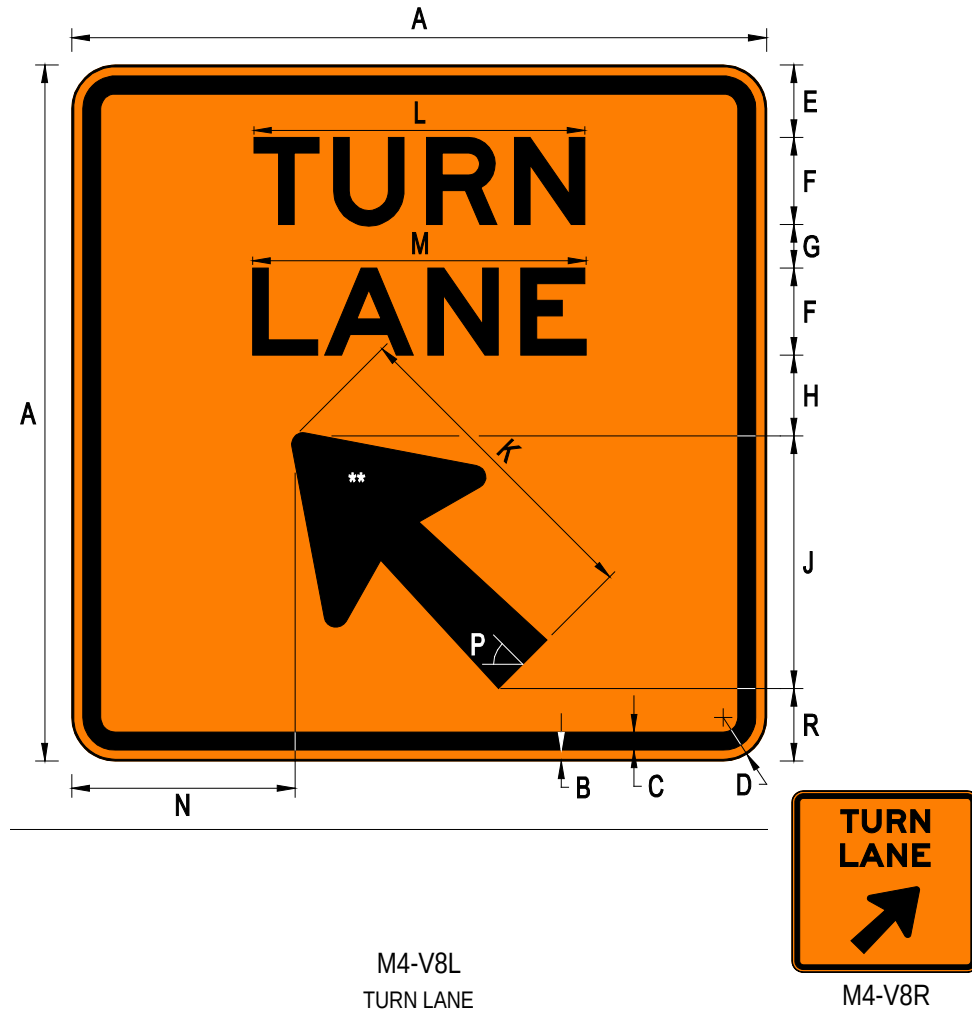


M4-V7

OLD

| A  | B  | C     | D     | E   | F   | G   | H    |
|----|----|-------|-------|-----|-----|-----|------|
| 18 | 6  | 0.375 | 0.375 | 1.5 | 1.5 | 3 E | 8.4  |
| 24 | 12 | 0.375 | 0.625 | 1.5 | 3   | 6 D | 14.3 |

COLORS:    LEGEND    — BLACK  
                  BACKGROUND    — WHITE    (RETROREFLECTIVE)

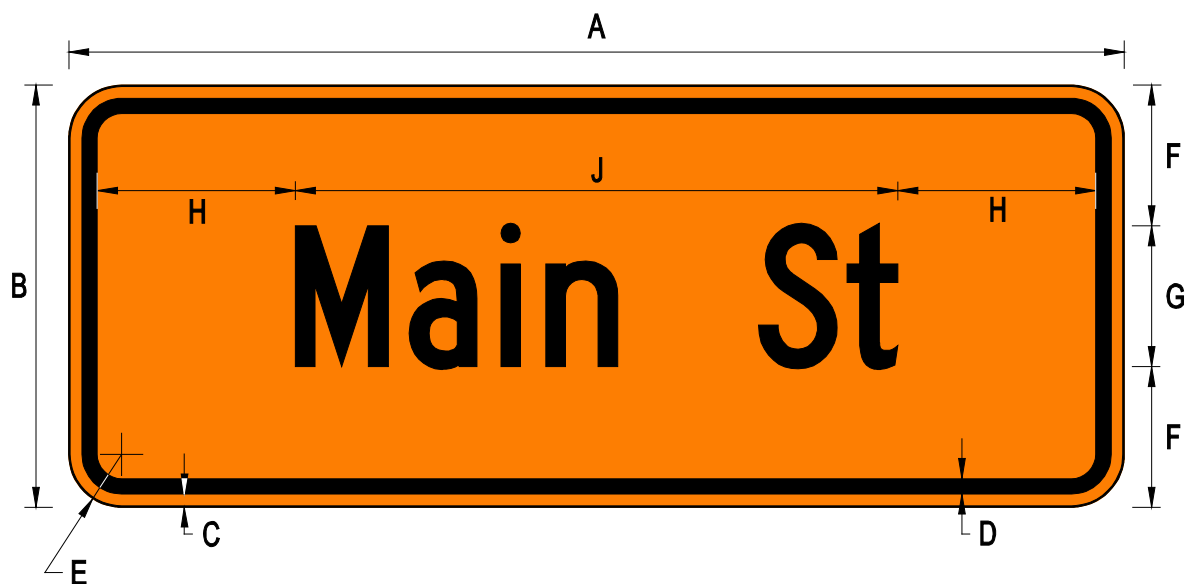


| A  | B    | C    | D | E | F   | G | H   | J    | K     | L    | M  |
|----|------|------|---|---|-----|---|-----|------|-------|------|----|
| 48 | 0.75 | 1.25 | 3 | 5 | 6 E | 3 | 5.6 | 17.4 | 22.25 | 22.9 | 23 |

| N    | P   | R |
|------|-----|---|
| 15.4 | 45° | 5 |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

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



M4-VP1a

Street Name (Plaque) (One Line)

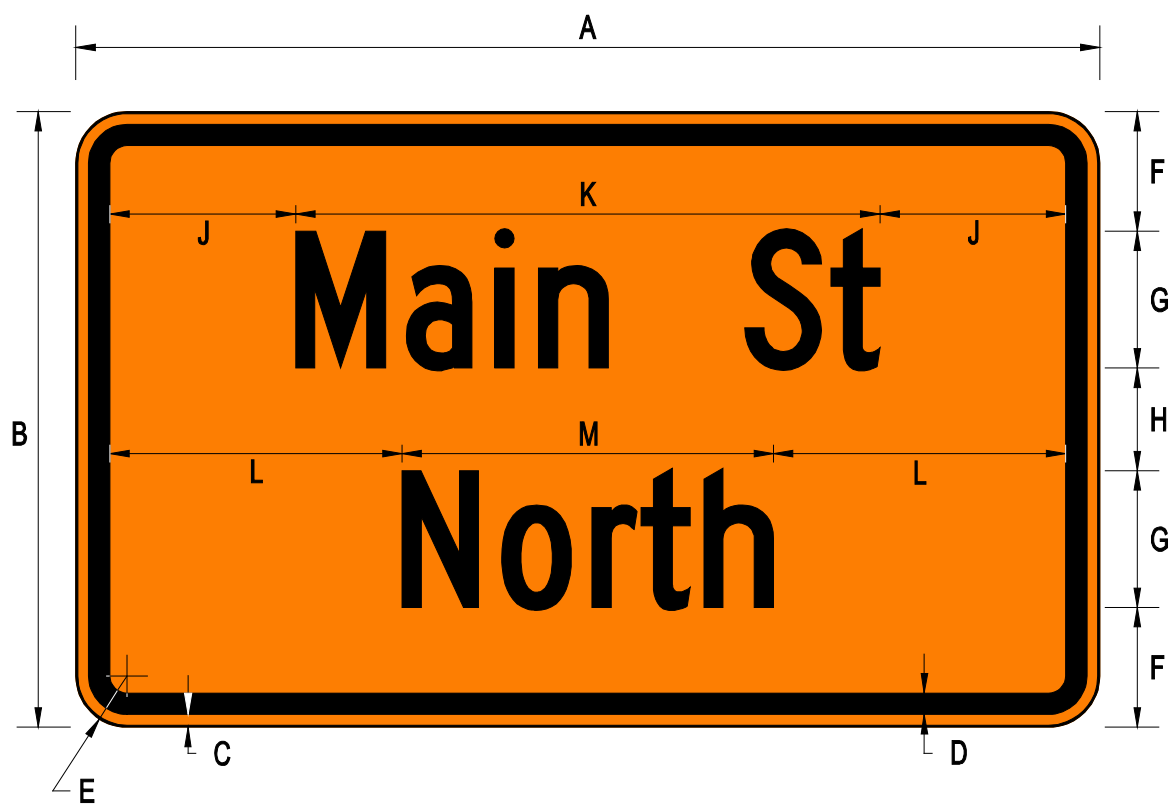
| A    | B  | C     | D     | E   | F   | G   | H      | J    |
|------|----|-------|-------|-----|-----|-----|--------|------|
| Var. | 12 | 0.375 | 0.625 | 1.5 | 4   | 4 C | 4 Min. | Var. |
| Var. | 15 | 0.375 | 0.625 | 1.5 | 4.5 | 6 C | 6 Min. | Var. |
| Var. | 18 | 0.375 | 0.625 | 1.5 | 5   | 8 C | 8 Min. | Var. |

## TTC SIGN COLORS:

LEGEND — BLACK  
 BACKGROUND — FLUORESCENT ORANGE (RETROREFLECTIVE)

## INCIDENT MANAGEMENT SIGN COLORS:

LEGEND — BLACK  
 BACKGROUND — FLUORESCENT PINK (RETROREFLECTIVE)



M4-VP1b  
Street Name (Plaque) (Two Lines)

| A    | B  | C     | D     | E   | F   | G   | H | J      | K    | L      | M    |
|------|----|-------|-------|-----|-----|-----|---|--------|------|--------|------|
| Var. | 18 | 0.375 | 0.625 | 1.5 | 3.5 | 4 C | 3 | 4 Min. | Var. | 4 Min. | Var. |
| Var. | 24 | 0.375 | 0.625 | 1.5 | 4   | 6 C | 4 | 6 Min. | Var. | 6 Min. | Var. |
| Var. | 30 | 0.5   | 1     | 3   | 4.5 | 8 C | 5 | 8 Min. | Var. | 8 Min. | Var. |

## TTC SIGN COLORS:

LEGEND — BLACK  
BACKGROUND — FLUORESCENT ORANGE (RETROREFLECTIVE)

## INCIDENT MANAGEMENT SIGN COLORS:

LEGEND — BLACK  
BACKGROUND — FLUORESCENT PINK (RETROREFLECTIVE)



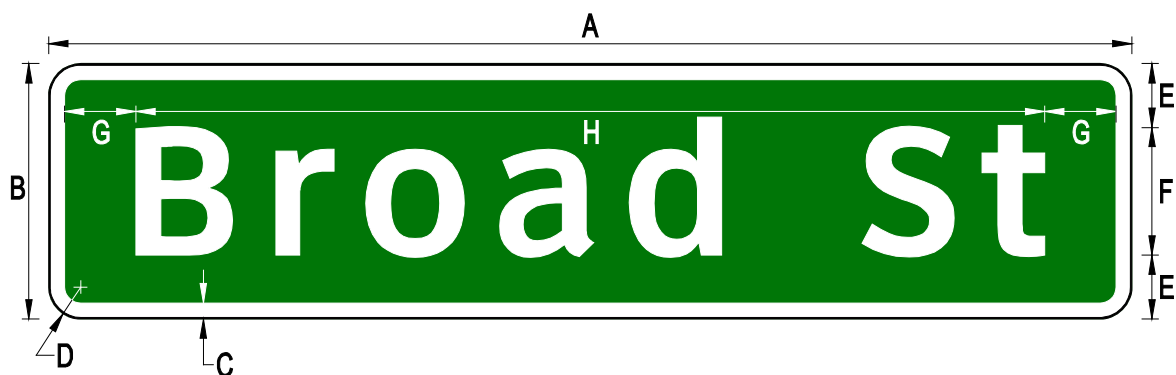
D0-V1

REST AREA PATROLLED BY STATE POLICE

| A  | B  | C    | D   | E   | F       | G    | H | J       | K    | L  | M    |
|----|----|------|-----|-----|---------|------|---|---------|------|----|------|
| 48 | 36 | 0.75 | 4.5 | 3.5 | 4 (3-W) | 2.25 | 3 | 2 (2-W) | 1.75 | 29 | 39.8 |

| N    | P    | R    | S    |
|------|------|------|------|
| 37.2 | 26.4 | Var. | 16.8 |

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



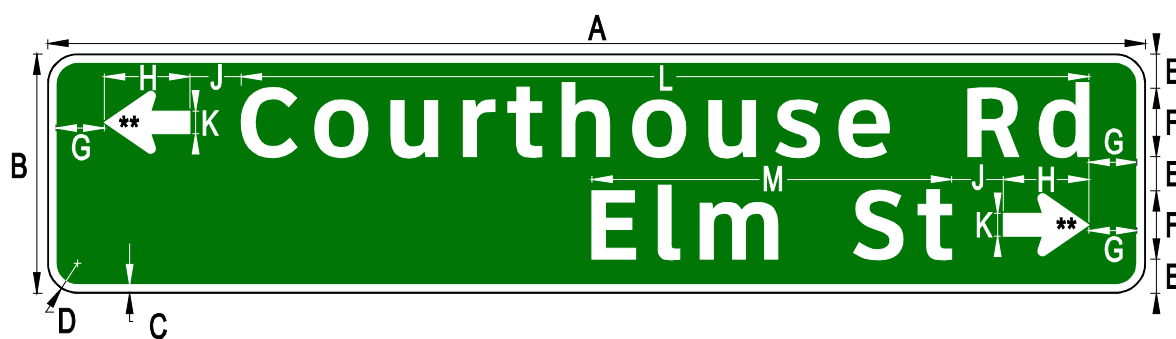
D3-V1

Overhead Street Name Sign

| A    | B  | C   | D | E | F        | G      | H    |
|------|----|-----|---|---|----------|--------|------|
| Var. | 24 | 1.5 | 3 | 6 | 12 (5-W) | 6 Min. | Var. |

COLORS:   LEGEND           — WHITE           (RETROREFLECTIVE)  
                   BACKGROUND   — GREEN           (RETROREFLECTIVE)\*

- \* Background color of the street name signs shall be green, except where another color is already established for a specific geographic area. In those locations, the established color may be used. If background color is white, E-mod text shall be used. Refer to Section 2D.43 of the Virginia Supplement to 2009 MUTCD.



D3-V1a

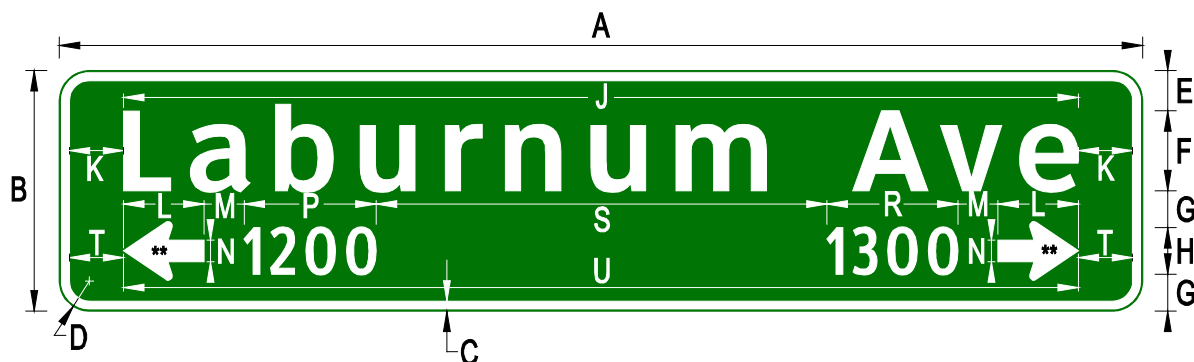
Overhead Street Name Sign with Multiple Street Names

| A    | B  | C   | D    | E | F        | G      | H  | J | K | L    | M    |
|------|----|-----|------|---|----------|--------|----|---|---|------|------|
| Var. | 42 | 1.5 | 5.25 | 6 | 12 (5-W) | 6 Min. | 15 | 9 | 4 | Var. | Var. |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

COLORS:   LEGEND           — WHITE           (RETROREFLECTIVE)  
               BACKGROUND   — GREEN           (RETROREFLECTIVE)\*

- \* Background color of the street name signs shall be green, except where another color is already established for a specific geographic area. In those locations, the established color may be used. If background color is white, E-mod text shall be used. Refer to Section 2D.43 of the Virginia Supplement to 2009 MUTCD.



## D3-V1b

Overhead Street Name Sign with Block Numbers

| A    | B  | C   | D   | E | F        | G   | H       | J    | K      | L  | M |
|------|----|-----|-----|---|----------|-----|---------|------|--------|----|---|
| Var. | 36 | 1.5 | 4.5 | 6 | 12 (5-W) | 5.5 | 7 (2-W) | Var. | 6 Min. | 12 | 6 |

| N    | P    | R    | S       | T   | U    |
|------|------|------|---------|-----|------|
| 3.25 | Var. | Var. | 24 Min. | *** | Var. |

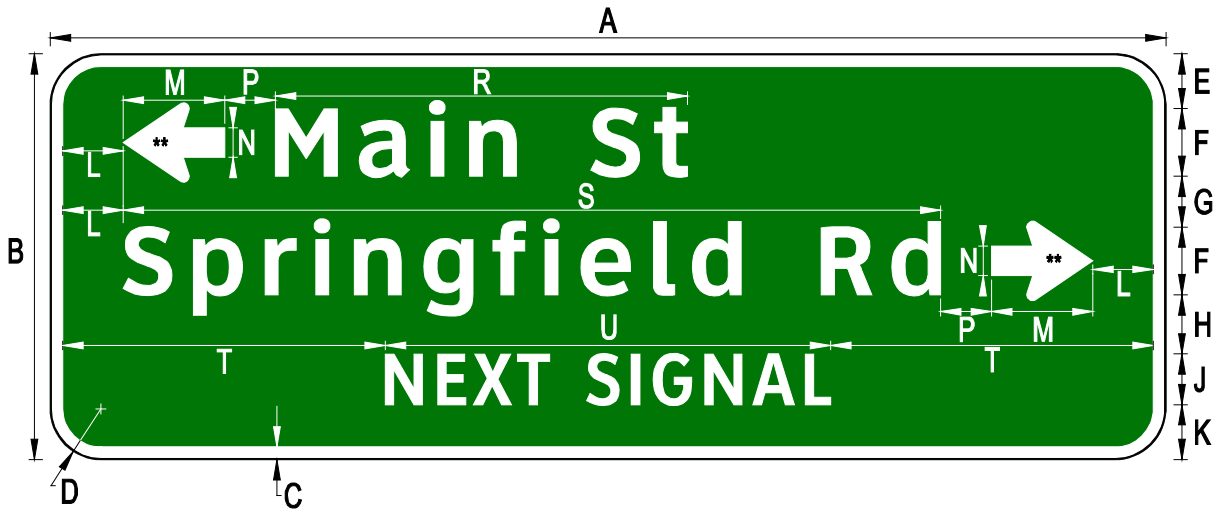
\*\* Refer to FHWA Standard Highway Signs Book for Standard Arrow Details

\*\*\* If  $J \geq U$  then  $T=K$ , If  $J < U$  then  $T=6"$

COLORS:   LEGEND           — WHITE           (RETROREFLECTIVE)  
               BACKGROUND   — GREEN           (RETROREFLECTIVE)\*

- \* Background color of the street name signs shall be green, except where another color is already established for a specific geographic area. In those locations, the established color may be used. If background color is white, E-mod text shall be used. Refer to Section 2D.43 of the Virginia Supplement to 2009 MUTCD.





## D3-V2

Advanced Street Name Sign with Multiple Street Names

| A    | B  | C   | D | E   | F       | G | H | J       | K   | L      | M  |
|------|----|-----|---|-----|---------|---|---|---------|-----|--------|----|
| Var. | 48 | 1.5 | 6 | 6.5 | 8 (5-W) | 6 | 7 | 6 (3-W) | 6.5 | 6 Min. | 12 |

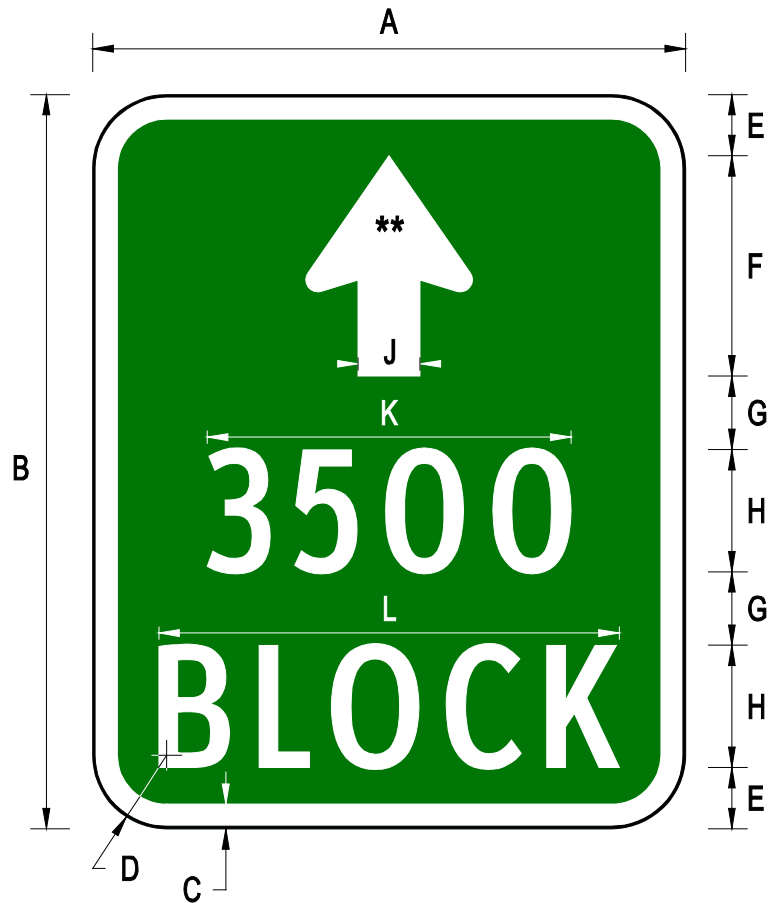
  

| N   | P | R    | S    | T      | U    |
|-----|---|------|------|--------|------|
| 3.5 | 6 | Var. | Var. | 4 Min. | 52.7 |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

Height of the sign panel may be increased in order to accommodate atypically-long legends.

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



D3-V3

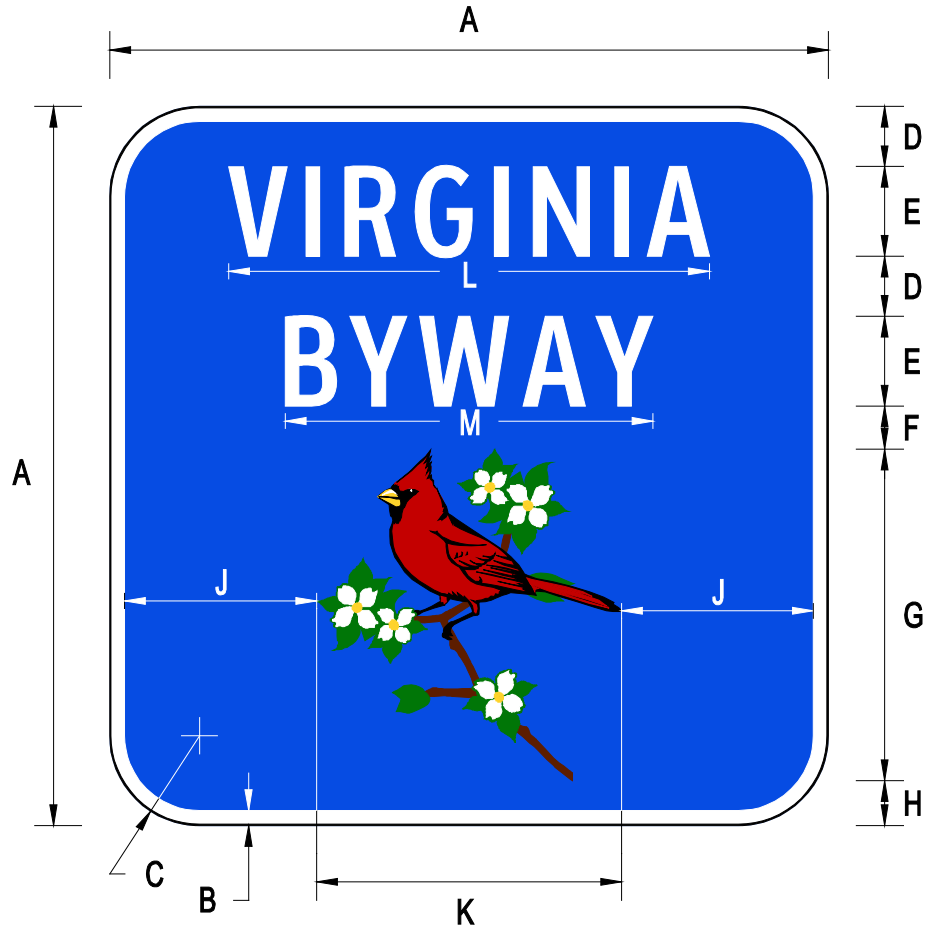
Through Route Block Numbers

| A  | B  | C | D | E   | F | G | H       | J   | K    | L    |
|----|----|---|---|-----|---|---|---------|-----|------|------|
| 24 | 30 | 1 | 3 | 2.5 | 9 | 3 | 5 (2-W) | 2.5 | Var. | 18.6 |

\*\* Refer to FHWA Standard Highway Signs book for standard arrow details.

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

- \* Background color of the street name signs shall be green, except where another color is already established for a specific geographic area. In those locations, the established color may be used. If background color is white, E-mod text shall be used. Refer to Section 2D.43 of the Virginia Supplement to 2009 MUTCD.

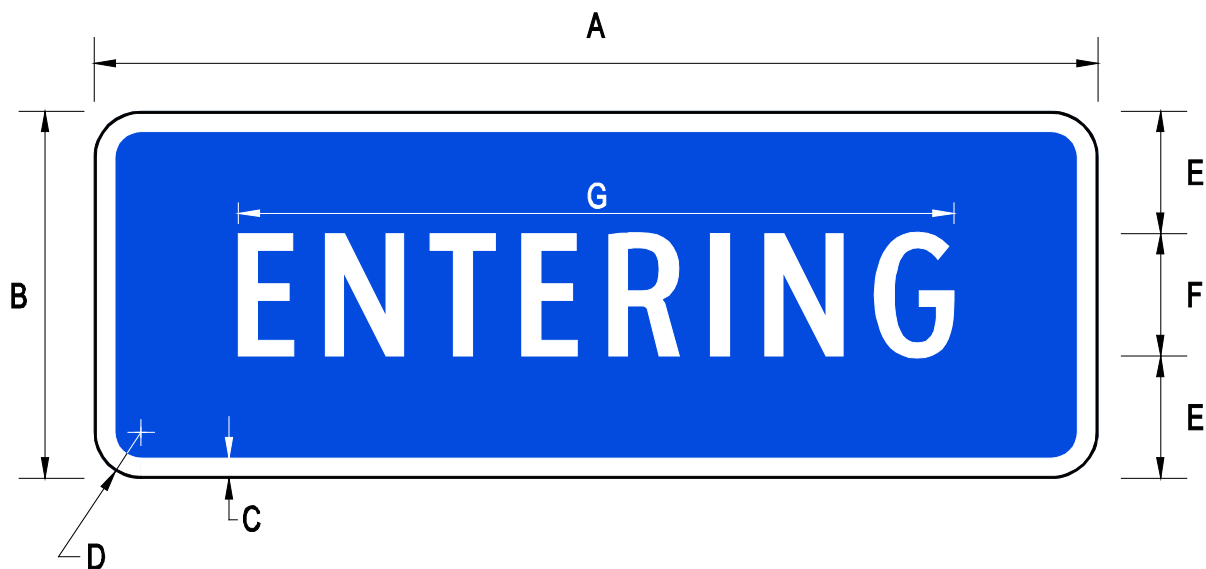


D6-V1  
VIRGINIA BYWAY

| A  | B   | C | D | E       | F      | G       | H   | J    | K     | L  | M    |
|----|-----|---|---|---------|--------|---------|-----|------|-------|----|------|
| 24 | 0.5 | 3 | 2 | 3 (2-W) | 1.4375 | 11.0625 | 1.5 | 6.41 | 10.18 | 16 | 12.3 |

See Appendix for cardinal/dogwood symbol detail.

|         |            |                                |                   |
|---------|------------|--------------------------------|-------------------|
| COLORS: | LEGEND     | — WHITE                        | (RETROREFLECTIVE) |
|         | BACKGROUND | — BLUE                         | (RETROREFLECTIVE) |
|         | CARDINAL   | — BLACK                        |                   |
|         |            | — RED & YELLOW                 | (RETROREFLECTIVE) |
|         | DOGWOOD    | — BROWN, GREEN, WHITE & YELLOW | (RETROREFLECTIVE) |



D6-VP1  
ENTERING (Plaque)

| A  | B | C   | D     | E | F       | G    |
|----|---|-----|-------|---|---------|------|
| 24 | 9 | 0.5 | 1.125 | 3 | 3 (2-W) | 17.1 |

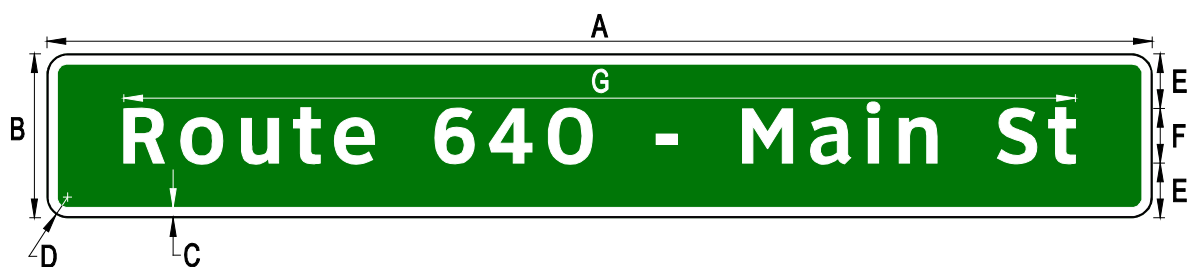
COLORS:    LEGEND    — WHITE    (RETROREFLECTIVE)  
                  BACKGROUND    — BLUE    (RETROREFLECTIVE)



D6-VP2  
LEAVING (Plaque)

| A  | B | C   | D     | E | F       | G    |
|----|---|-----|-------|---|---------|------|
| 24 | 9 | 0.5 | 1.125 | 3 | 3 (2-W) | 14.6 |

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

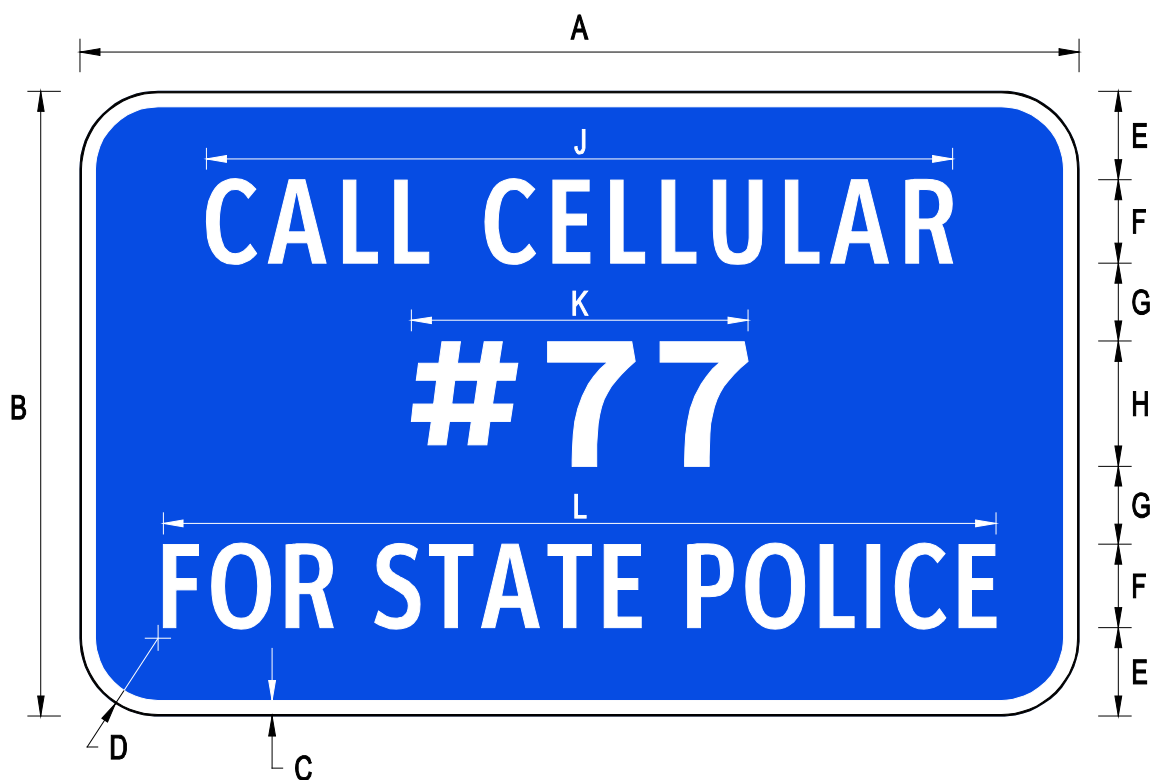


## D10-V1

Grade-Separated Cross Road ID

| A    | B  | C   | D | E | F       | G    |
|------|----|-----|---|---|---------|------|
| Var. | 24 | 1.5 | 3 | 8 | 8 (5-W) | Var. |

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



D12-V1

CALL CELLULAR #77 FOR STATE POLICE

| A   | B  | C    | D    | E    | F       | G    | H        | J    | K    | L    |
|-----|----|------|------|------|---------|------|----------|------|------|------|
| 36  | 24 | 0.75 | 3    | 4    | 3 (2-W) | 3    | 4 (5-W)  | 26.9 | 10.8 | 31   |
| 48  | 30 | 0.75 | 3.75 | 4.25 | 4 (2-W) | 3.75 | 6 (5-W)  | 35.9 | 16.2 | 40   |
| 60  | 36 | 1    | 4.5  | 4.5  | 5 (2-W) | 5    | 7 (5-W)  | 44.8 | 18.9 | 50   |
| 102 | 54 | 1.5  | 6.75 | 6.5  | 8 (2-W) | 7    | 11 (5-W) | 71.7 | 29.7 | 87.3 |

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



D14-V1  
ADOPT A HIGHWAY

| A  | B  | C   | D | E | F   | G    | H   | J   | K | L    | M    |
|----|----|-----|---|---|-----|------|-----|-----|---|------|------|
| 36 | 24 | 0.5 | 3 | 2 | 2 E | 1.75 | 0.5 | 9.8 | 2 | 13.5 | Var. |

| N   | P   | R | S | T  | U   | V    |
|-----|-----|---|---|----|-----|------|
| 6.5 | 7.8 | 7 | 9 | 30 | 2.5 | Var. |

See Appendix for cardinal and roadway heart symbol detail.

|         |            |                              |                   |
|---------|------------|------------------------------|-------------------|
| COLORS: | LEGEND     | — WHITE                      | (RETROREFLECTIVE) |
|         | BACKGROUND | — BLUE                       | (RETROREFLECTIVE) |
|         | CARDINAL   | — BLACK                      |                   |
|         |            | — RED, GREEN, YELLOW & WHITE | (RETROREFLECTIVE) |
|         | HEART      | — BLUE & WHITE               | (RETROREFLECTIVE) |





I-V1

VIRGINIA WELCOMES YOU

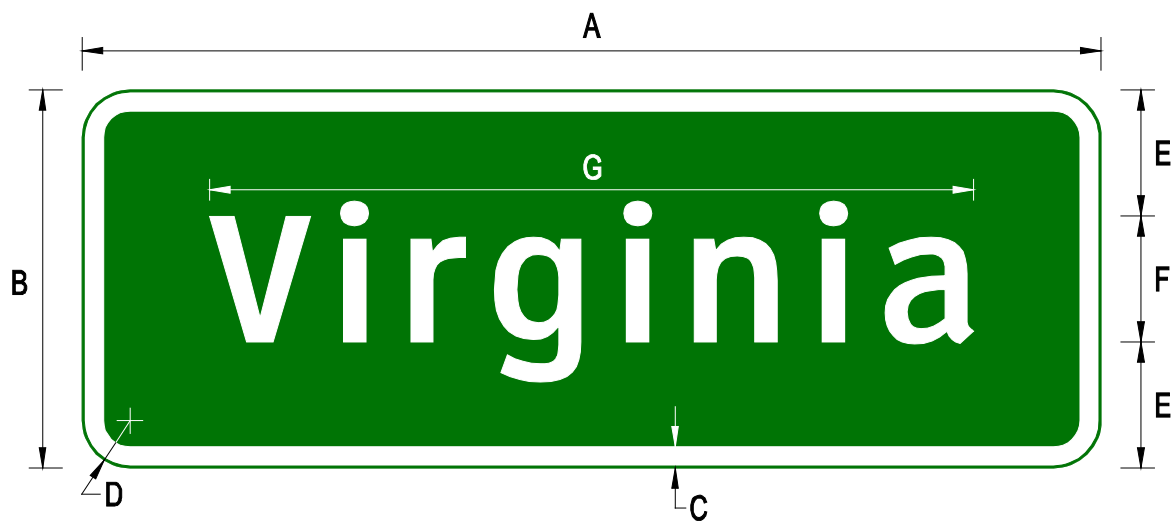
| A   | B  | C  | D    | E         | F    | G        | H   | J     | K    |
|-----|----|----|------|-----------|------|----------|-----|-------|------|
| 78  | 48 | 6  | 2.25 | 13 (1)    | 25   | 5.25 (2) | 2.5 | 56.1  | 43.4 |
| 120 | 72 | 10 | 2.5  | 20 (1)    | 38.5 | 8 (2)    | 3   | 86.5  | 66.9 |
| 156 | 96 | 12 | 5.25 | 25.25 (1) | 50   | 10.5 (2) | 5   | 112.2 | 86.8 |

(1) Minion Pro Regular font.

(2) Adobe Garamond Pro Bold font.

See Appendix for cardinal and  
dogwood symbol detail.

|         |            |                                           |                   |
|---------|------------|-------------------------------------------|-------------------|
| COLORS: | LEGEND     | — VARIOUS                                 |                   |
|         | BACKGROUND | — WHITE                                   | (RETROREFLECTIVE) |
|         | CARDINAL   | — BLACK                                   |                   |
|         |            | — RED, YELLOW & BROWN                     | (RETROREFLECTIVE) |
|         | DOGWOOD    | — BLUE, RED, BROWN, GREEN, WHITE & YELLOW | (RETROREFLECTIVE) |



I-V1a  
VIRGINIA

| A  | B  | C | D    | E | F       | G  |
|----|----|---|------|---|---------|----|
| 48 | 18 | 1 | 2.25 | 6 | 6 (4-W) | 36 |

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



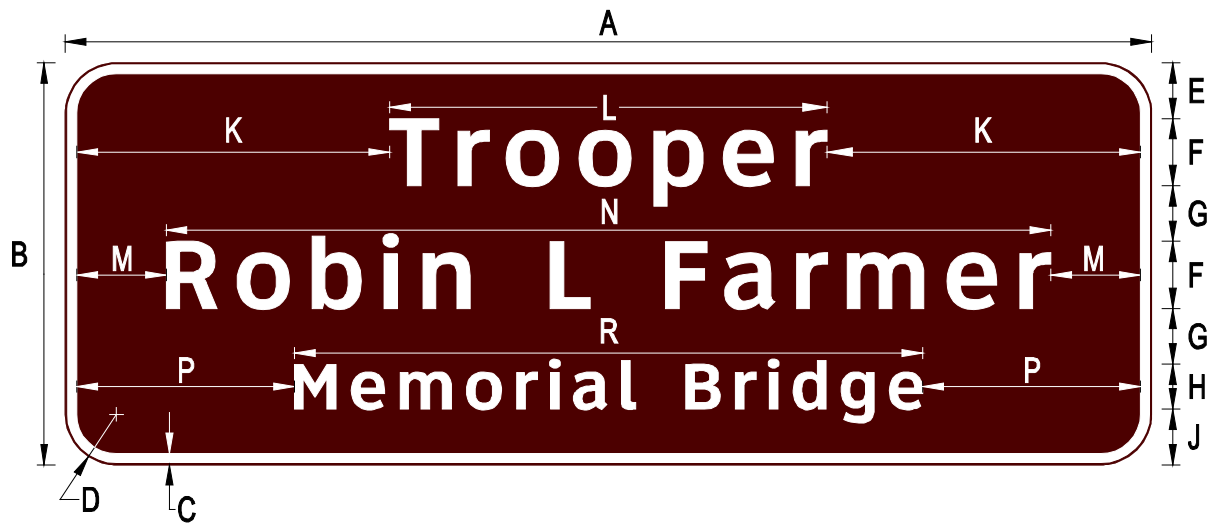
I-V2a

Named Bridges, Highways & Highway Segments (One Line)

| A              | B  | C   | D    | E    | F       | G | H       | J    | K        | L    |
|----------------|----|-----|------|------|---------|---|---------|------|----------|------|
| Var. (60 Max)  | 12 | 0.5 | 1.5  | 2.75 | 3 (2-W) | 2 | 2 (2-W) | 2.25 | 3 Min.   | Var. |
| Var. (120 Max) | 30 | 1   | 3.75 | 7.5  | 6 (5-W) | 5 | 4 (5-W) | 7.5  | 4.5 Min. | Var. |

| M      | N    |
|--------|------|
| 2 Min. | Var. |
| 3 Min. | Var. |

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



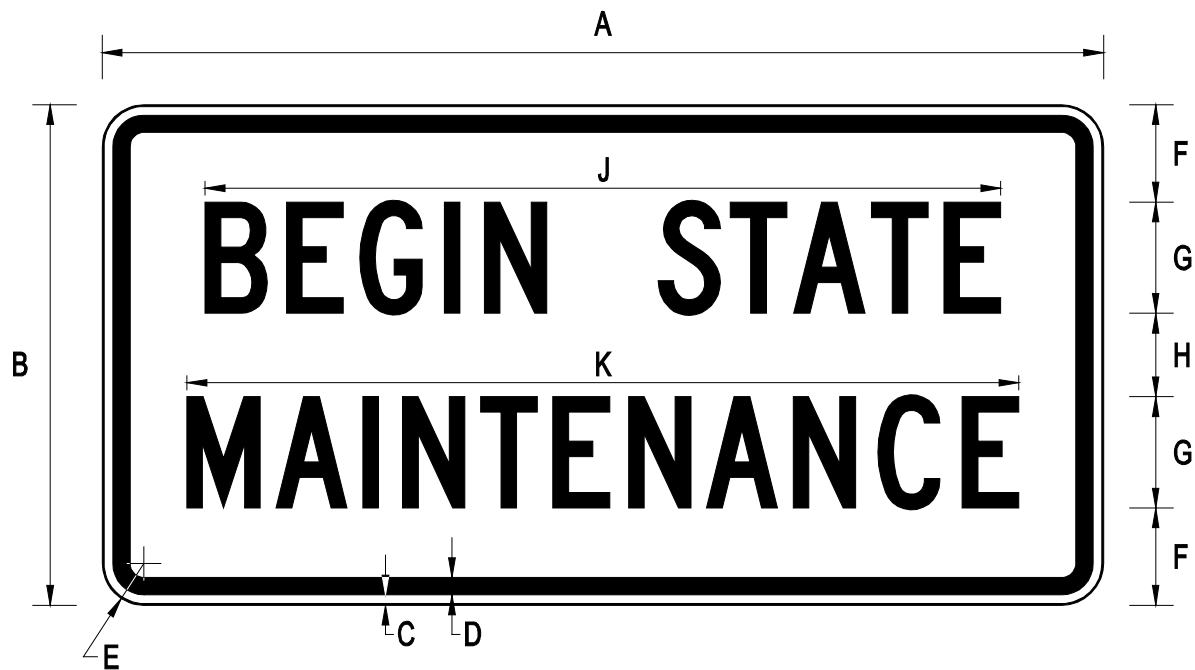
## I-V2b

Named Bridges, Highways &amp; Highway Segments (Two Lines)

| A              | B  | C   | D    | E    | F       | G | H       | J    | K        | L    |
|----------------|----|-----|------|------|---------|---|---------|------|----------|------|
| Var. (60 Max)  | 18 | 0.5 | 2.25 | 3.25 | 3 (2-W) | 2 | 2 (2-W) | 2.75 | 3 Min.   | Var. |
| Var. (120 Max) | 36 | 1   | 4.5  | 5    | 6 (5-W) | 5 | 4 (5-W) | 5    | 4.5 Min. | Var. |

| M        | N    | P      | R    |
|----------|------|--------|------|
| 3 Min.   | Var. | 2 Min. | Var. |
| 4.5 Min. | Var. | 3 Min. | Var. |

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

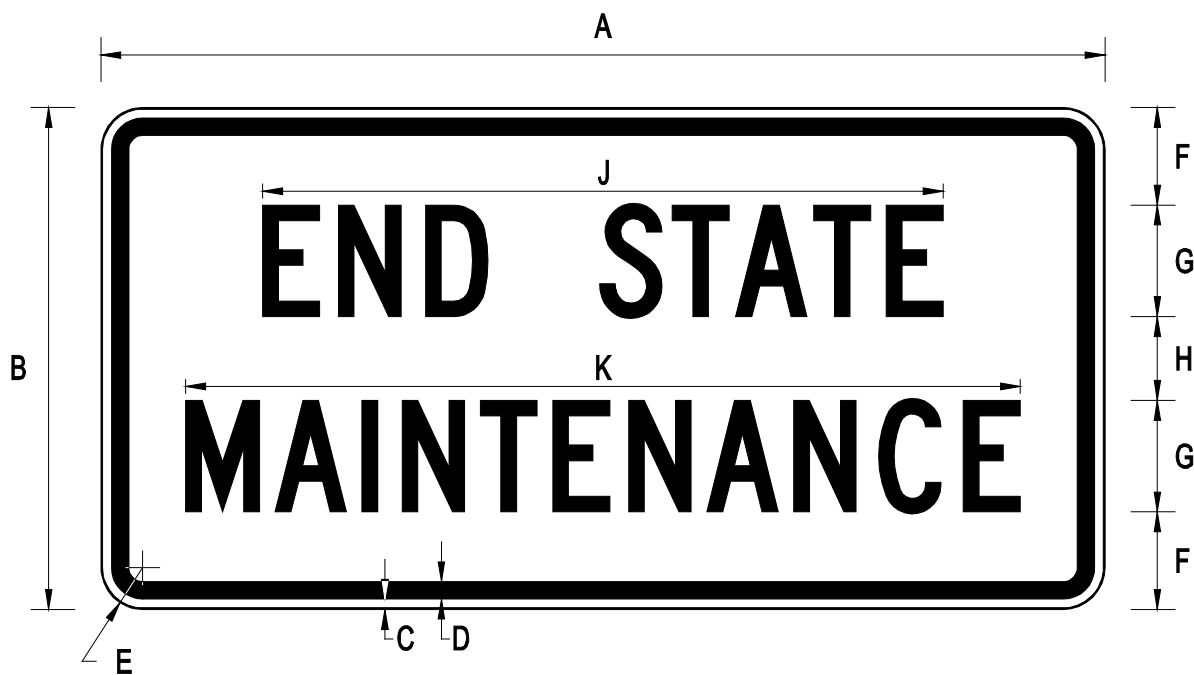


I-V3a

BEGIN STATE MAINTENANCE

| A  | B  | C     | D     | E   | F   | G   | H | J    | K    |
|----|----|-------|-------|-----|-----|-----|---|------|------|
| 36 | 18 | 0.375 | 0.625 | 1.5 | 3.5 | 4 C | 3 | 28.6 | 29.9 |

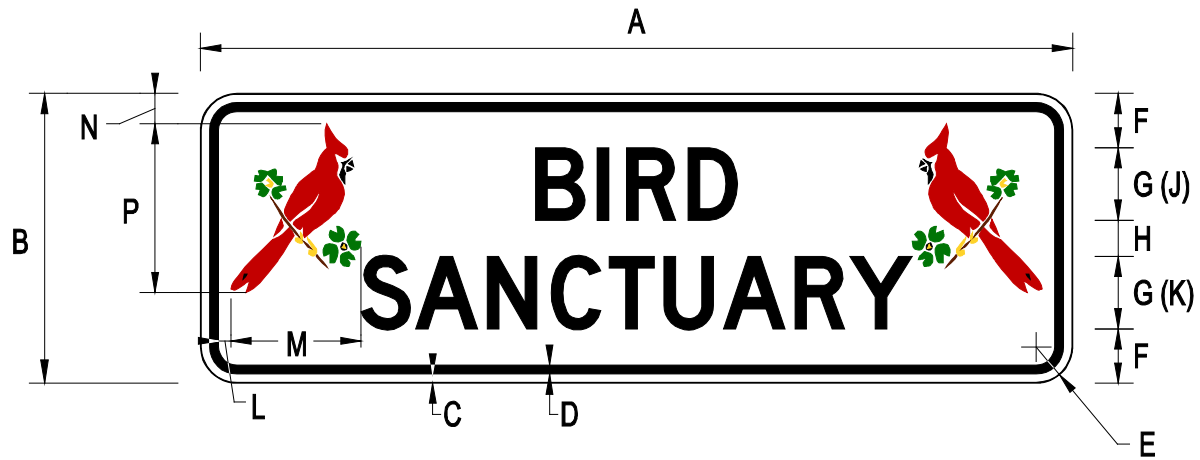
COLORS:   LEGEND       — BLACK  
               BACKGROUND   — WHITE       (RETROREFLECTIVE)



I-V3b  
END STATE MAINTENANCE

| A  | B  | C     | D     | E   | F   | G   | H | J    | K    |
|----|----|-------|-------|-----|-----|-----|---|------|------|
| 36 | 18 | 0.375 | 0.625 | 1.5 | 3.5 | 4 C | 3 | 24.4 | 29.9 |

COLORS:    LEGEND    — BLACK  
                  BACKGROUND    — WHITE    (RETROREFLECTIVE)



I-V4  
BIRD SANCTUARY

| A  | B  | C     | D     | E   | F    | G   | H   | J   | K     | L   | M     |
|----|----|-------|-------|-----|------|-----|-----|-----|-------|-----|-------|
| 36 | 12 | 0.375 | 0.375 | 1.5 | 2.25 | 3 D | 1.5 | 8.3 | 22.75 | 0.5 | 5.375 |

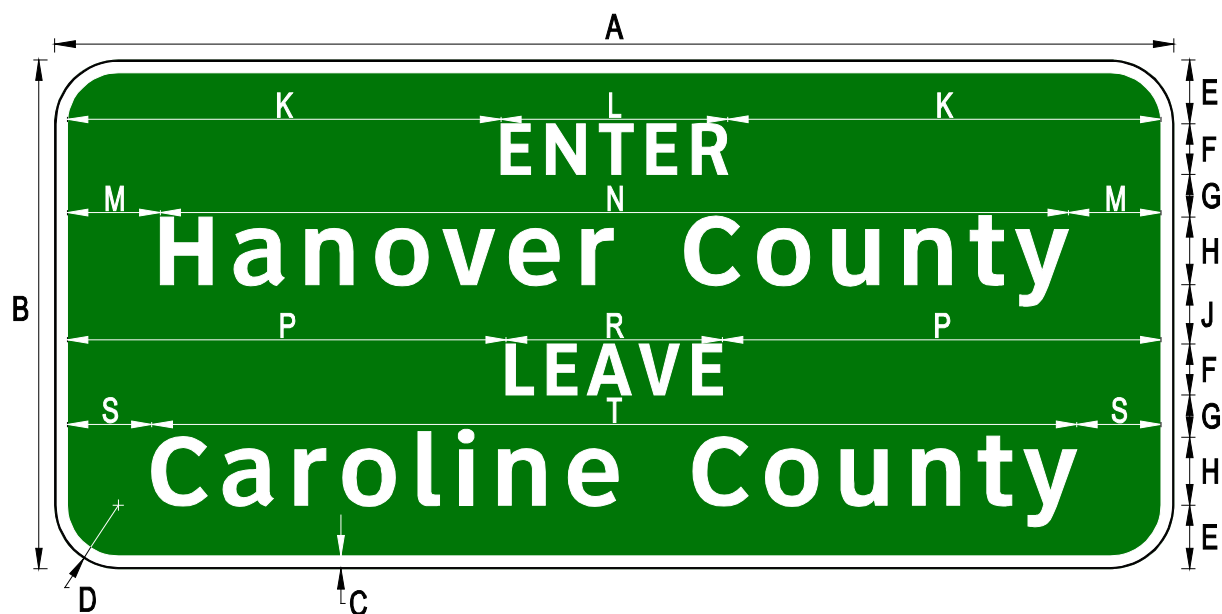
| N    | P |
|------|---|
| 1.25 | 7 |

( ) Denotes line length.

See Appendix for cardinal symbol detail.

COLORS: LEGEND  
BACKGROUND  
CARDINALS

— BLACK  
— WHITE (RETROREFLECTIVE)  
— BLACK  
— RED, GREEN, YELLOW & BROWN (RETROREFLECTIVE)



## I-V5a

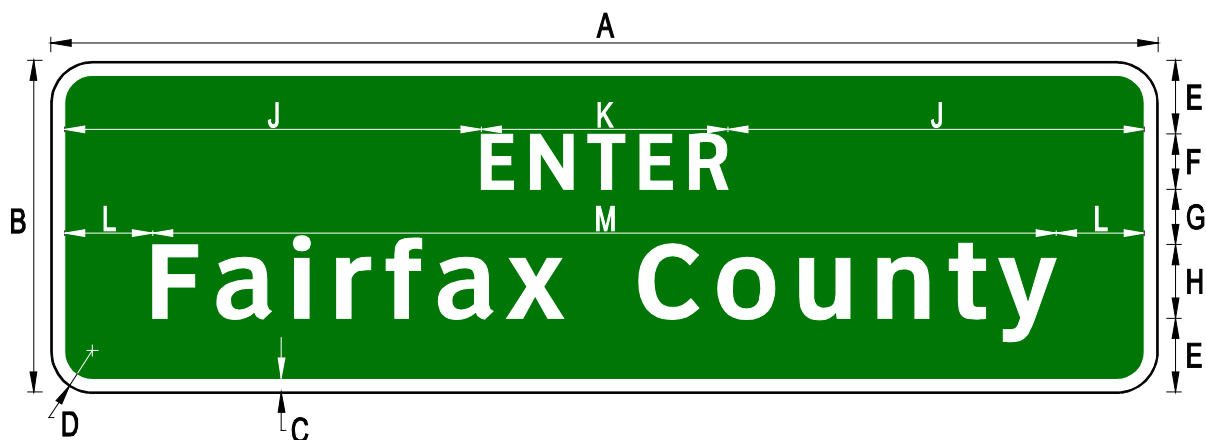
ENTER (Jurisdiction) – LEAVE (Jurisdiction)

| A    | B  | C    | D   | E   | F       | G | H       | J | K      | L    | M      |
|------|----|------|-----|-----|---------|---|---------|---|--------|------|--------|
| Var. | 24 | 0.75 | 3   | 3   | 2 (2-W) | 2 | 3 (1-W) | 4 | 2 Min. | 7    | 3 Min. |
| Var. | 36 | 0.75 | 4.5 | 5.5 | 3 (3-W) | 3 | 4 (2-W) | 5 | 3 Min. | 12.1 | 4 Min. |
| Var. | 60 | 1.5  | 7.5 | 7.5 | 6 (4-W) | 5 | 8 (5-W) | 7 | 6 Min. | 26.7 | 8 Min. |

| N    | P      | R    | S      | T    |
|------|--------|------|--------|------|
| Var. | 2 Min. | 6.8  | 3 Min. | Var. |
| Var. | 3 Min. | 11.7 | 4 Min. | Var. |
| Var. | 6 Min. | 25.5 | 8 Min. | Var. |

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



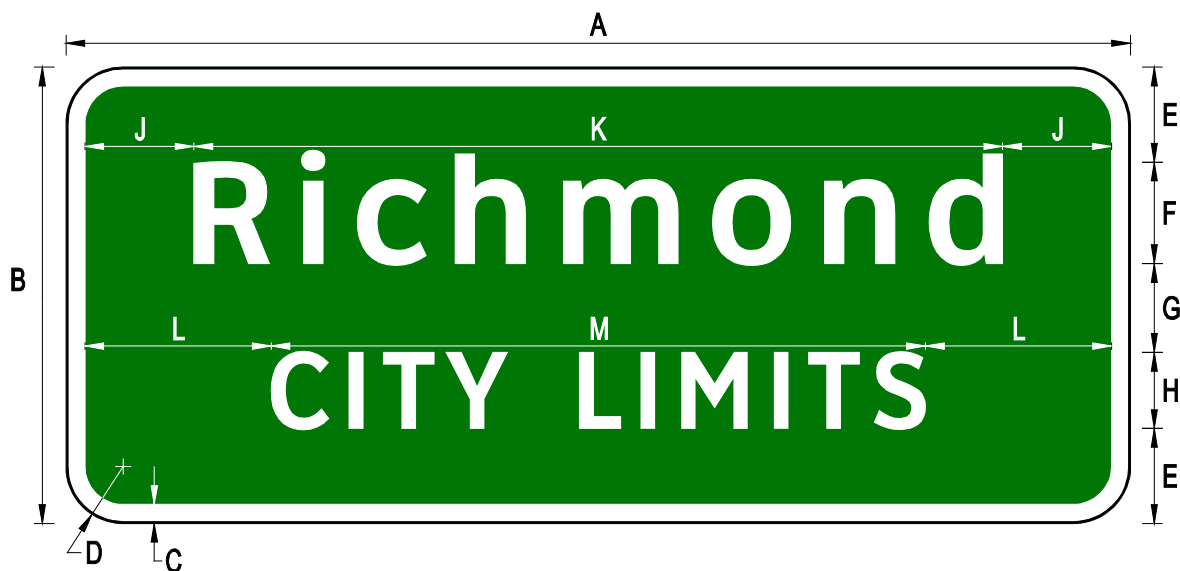


## I-V5b

ENTER (Jurisdiction)

| A    | B  | C    | D    | E   | F       | G | H       | J      | K    | L      | M    |
|------|----|------|------|-----|---------|---|---------|--------|------|--------|------|
| Var. | 12 | 0.75 | 1.5  | 2.5 | 2 (2-W) | 2 | 3 (1-W) | 2 Min. | 7    | 3 Min. | Var. |
| Var. | 18 | 0.75 | 2.25 | 4   | 3 (3-W) | 3 | 4 (2-W) | 3 Min. | 12.1 | 4 Min. | Var. |
| Var. | 36 | 1.5  | 4.5  | 8.5 | 6 (4-W) | 5 | 8 (5-W) | 6 Min. | 26.7 | 8 Min. | Var. |

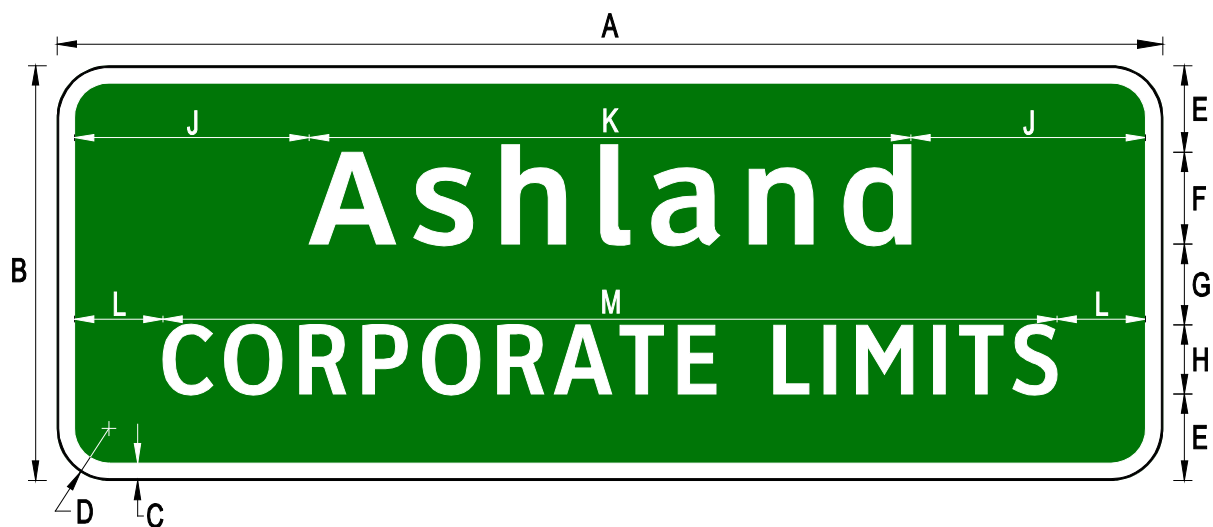
COLORS:    LEGEND            — WHITE            (RETROREFLECTIVE)  
                  BACKGROUND    — GREEN            (RETROREFLECTIVE)



I-V6  
CITY LIMITS

| A    | B  | C   | D    | E   | F       | G | H       | J      | K    | L      | M    |
|------|----|-----|------|-----|---------|---|---------|--------|------|--------|------|
| Var. | 18 | 1   | 2.25 | 3.5 | 5 (2-W) | 3 | 3 (2-W) | 5 Min. | Var. | 3 Min. | 20.2 |
| Var. | 36 | 1.5 | 4.5  | 7.5 | 8 (5-W) | 7 | 6 (4-W) | 8 Min. | Var. | 6 Min. | 51.6 |

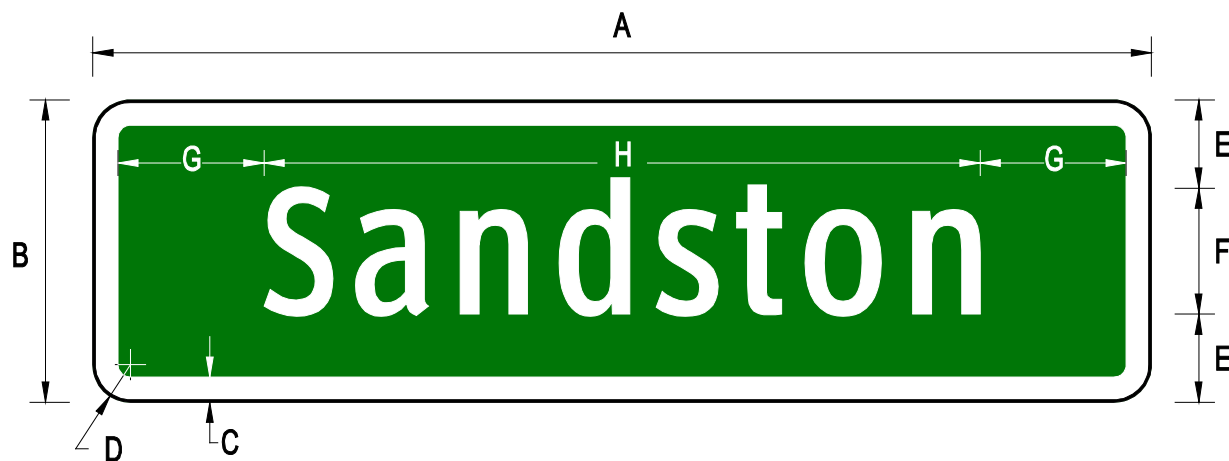
COLORS:   LEGEND           — WHITE           (RETROREFLECTIVE)  
               BACKGROUND   — GREEN         (RETROREFLECTIVE)



I-V7  
CORPORATE LIMITS

| A    | B  | C   | D    | E   | F       | G | H       | J      | K    | L      | M    |
|------|----|-----|------|-----|---------|---|---------|--------|------|--------|------|
| Var. | 18 | 1   | 2.25 | 3.5 | 5 (2-W) | 3 | 3 (2-W) | 5 Min. | Var. | 3 Min. | 34   |
| Var. | 36 | 1.5 | 4.5  | 7.5 | 8 (5-W) | 7 | 6 (3-W) | 8 Min. | Var. | 6 Min. | 77.6 |

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

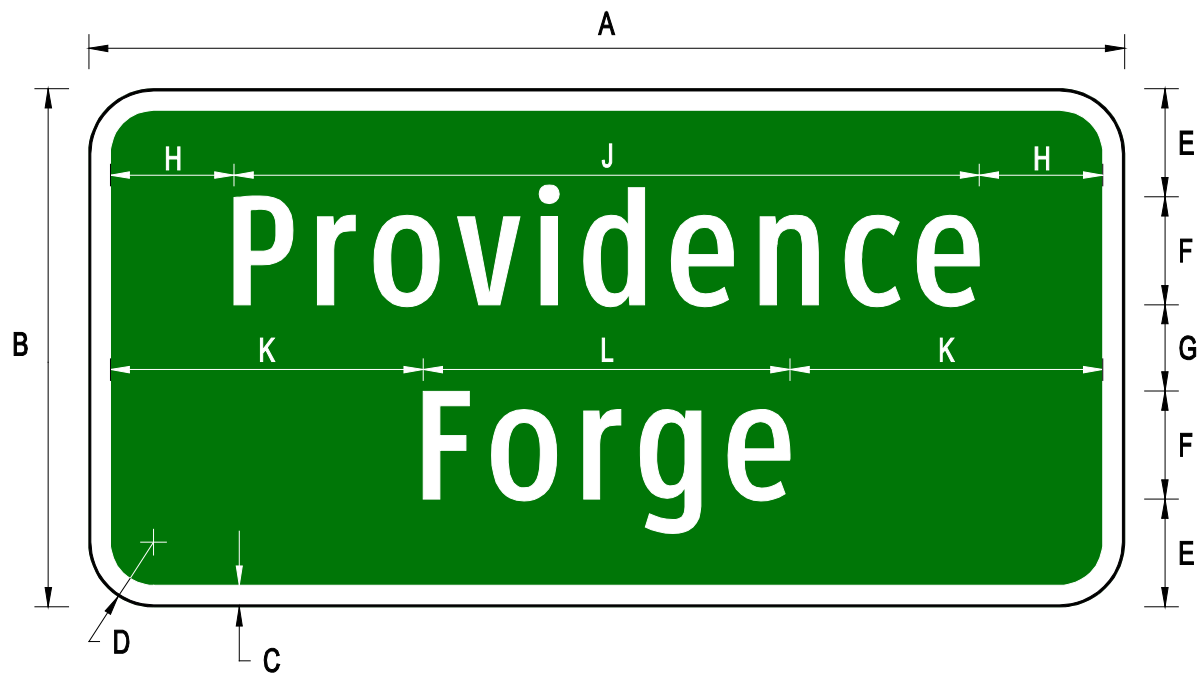


I-V8a

UNINCORPORATED PLACE (One Line)

| A    | B  | C | D   | E   | F       | G      | H    |
|------|----|---|-----|-----|---------|--------|------|
| Var. | 12 | 1 | 1.5 | 3.5 | 5 (2-W) | 5 Min. | Var. |

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

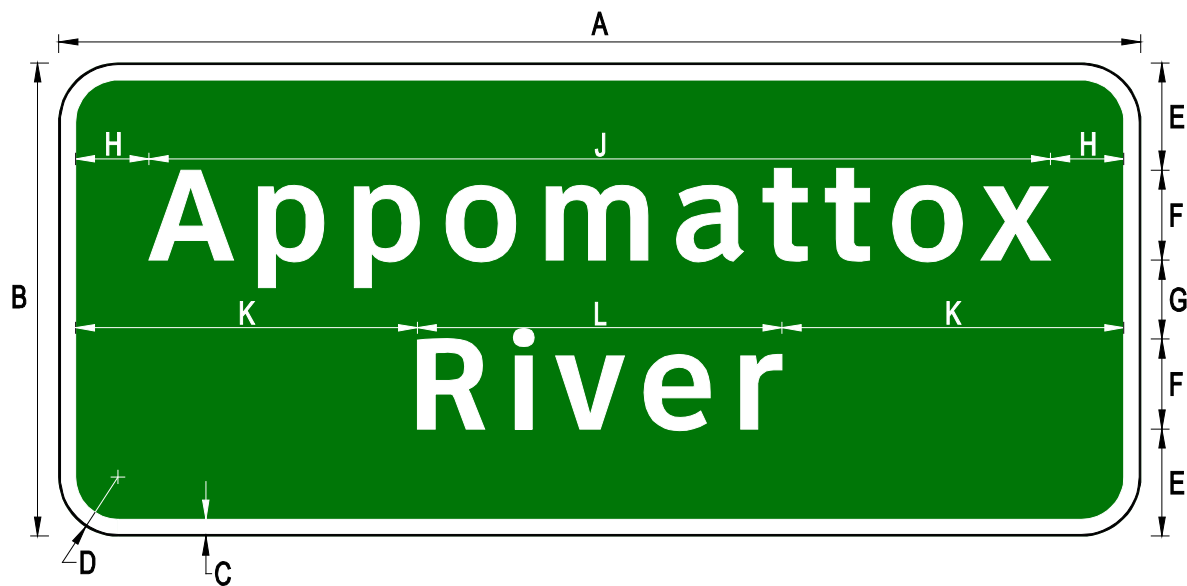


## I-V8b

UNINCORPORATED PLACE (Two Lines)

| A    | B  | C | D | E | F       | G | H      | J    | K      | L    |
|------|----|---|---|---|---------|---|--------|------|--------|------|
| Var. | 24 | 1 | 3 | 5 | 5 (2-W) | 4 | 5 Min. | Var. | 5 Min. | Var. |

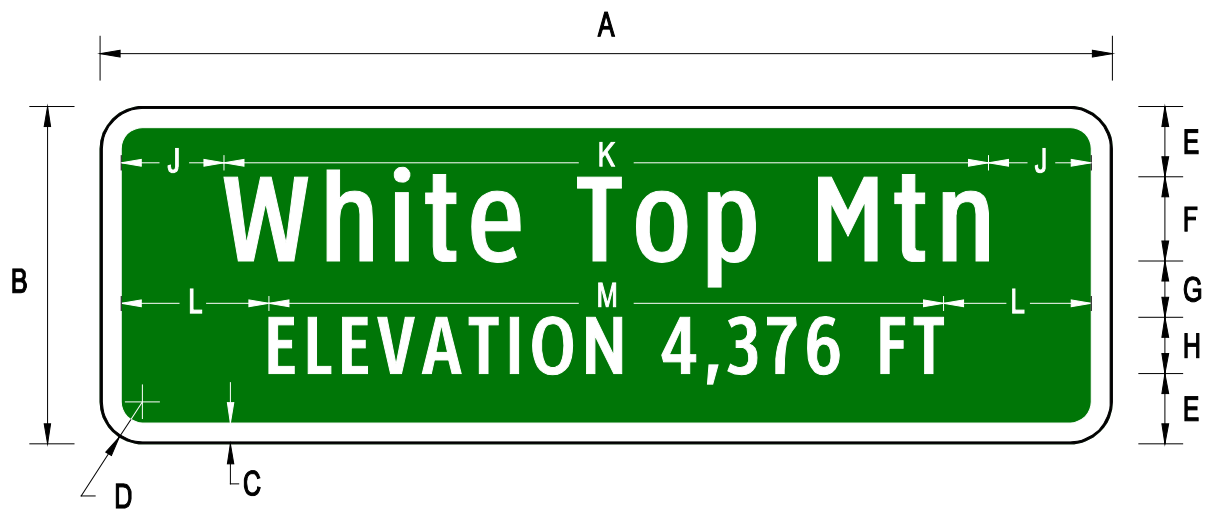
COLORS:    LEGEND            — WHITE            (RETROREFLECTIVE)  
                  BACKGROUND    — GREEN            (RETROREFLECTIVE)



I-V9  
Named Waterway

| A    | B  | C    | D    | E   | F       | G | H      | J    | K      | L    |
|------|----|------|------|-----|---------|---|--------|------|--------|------|
| Var. | 18 | 0.75 | 2.25 | 3.5 | 4 (2-W) | 3 | 4 Min. | Var. | 4 Min. | Var. |
| Var. | 42 | 1.5  | 5.25 | 9.5 | 8 (5-W) | 7 | 6 Min. | Var. | 6 Min. | Var. |

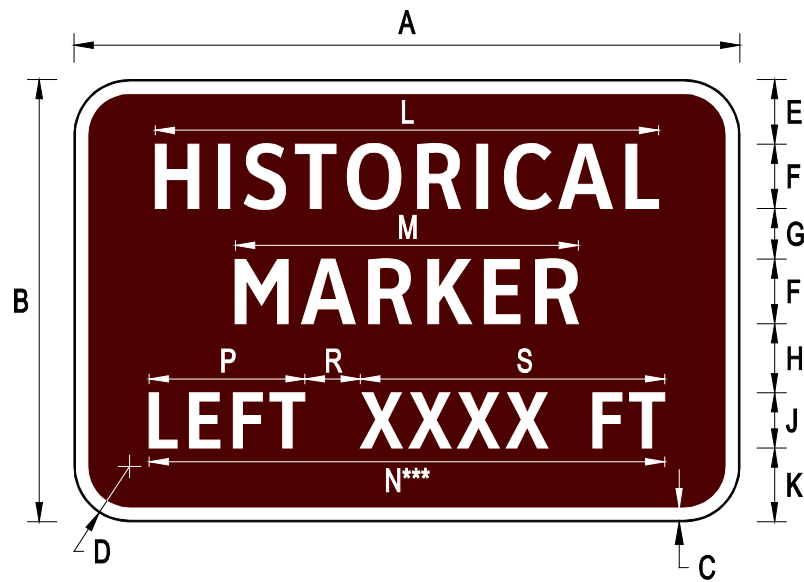
COLORS:    LEGEND    — WHITE    (RETROREFLECTIVE)  
                  BACKGROUND    — GREEN    (RETROREFLECTIVE)



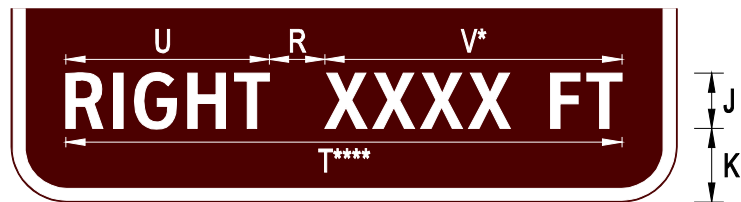
I-V10  
MOUNTAIN CROSSING

| A    | B  | C    | D   | E   | F       | G | H       | J      | K    | L      | M    |
|------|----|------|-----|-----|---------|---|---------|--------|------|--------|------|
| Var. | 12 | 0.75 | 1.5 | 2.5 | 3 (2-W) | 2 | 2 (2-W) | 3 Min. | Var. | 3 Min. | Var. |

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



I-V11R



I-V11L

HISTORICAL MARKER

| A  | B  | C    | D | E   | F         | G    | H    | J       | K | L    | M    |
|----|----|------|---|-----|-----------|------|------|---------|---|------|------|
| 36 | 24 | 0.75 | 3 | 3.5 | 3.5 (3-W) | 2.75 | 3.75 | 3 (3-W) | 4 | 27.2 | 18.6 |

| N    | P   | R | S    | T    | U  | V    |
|------|-----|---|------|------|----|------|
| Var. | 8.4 | 3 | Var. | Var. | 11 | Var. |

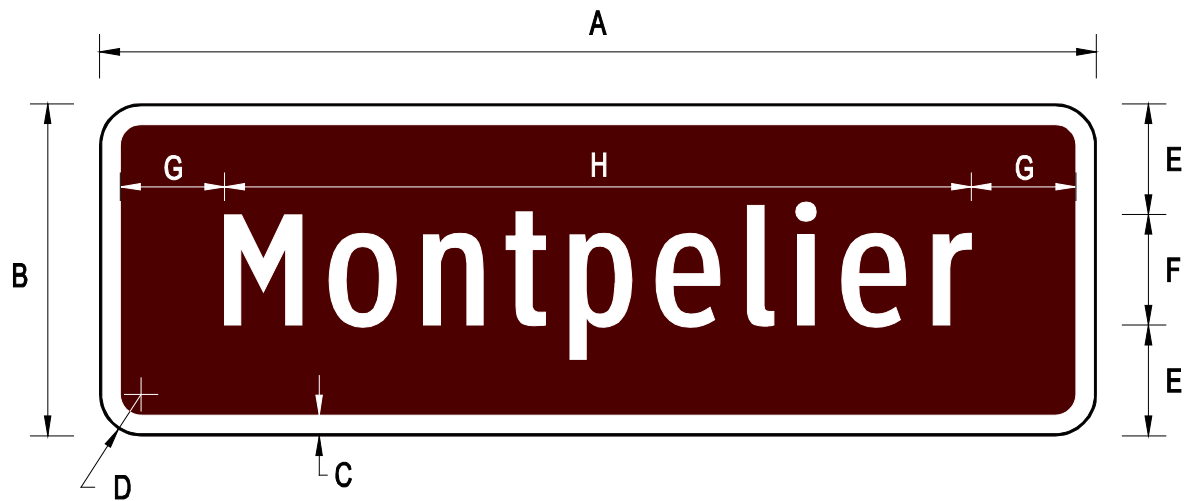
\* Letter Spacing Reduced to 90% of Standard.

\*\*\* Legend "LEFT XXXX FT" shall be centered on sign panel.

\*\*\*\* Legend "RIGHT XXXX FT" shall be centered on the sign panel.

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



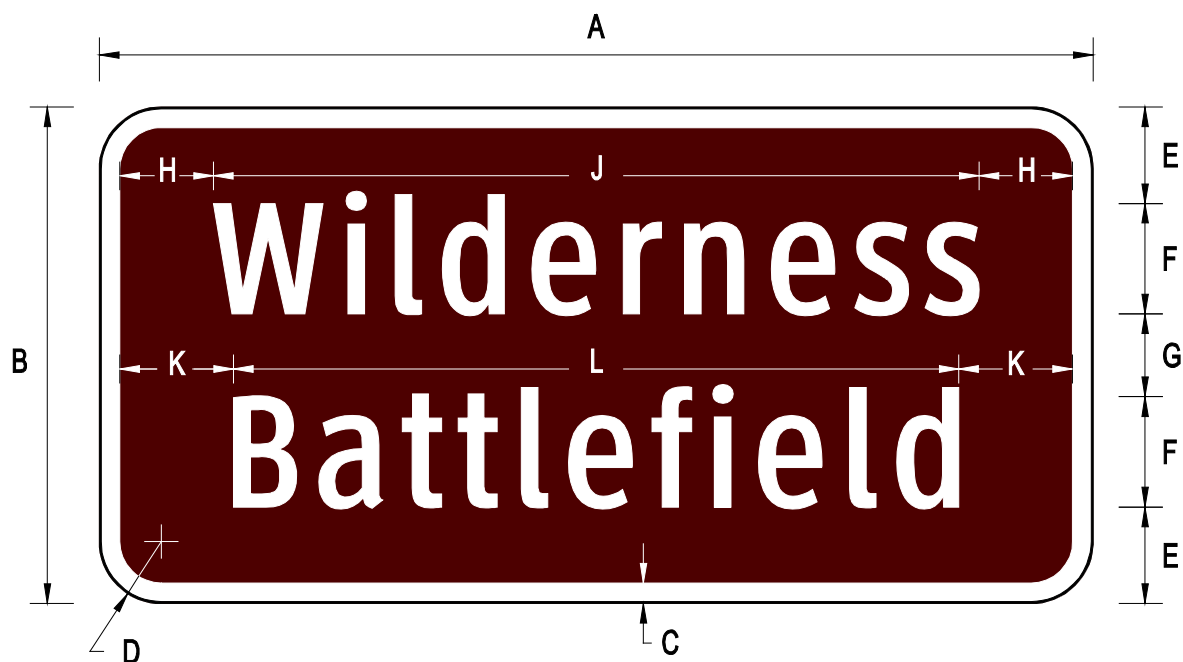


## I-V12a

POINT OF HISTORICAL INTEREST (One Line)

| A    | B  | C    | D   | E | F       | G      | H    |
|------|----|------|-----|---|---------|--------|------|
| Var. | 12 | 0.75 | 1.5 | 4 | 4 (2-W) | 3 Min. | Var. |

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

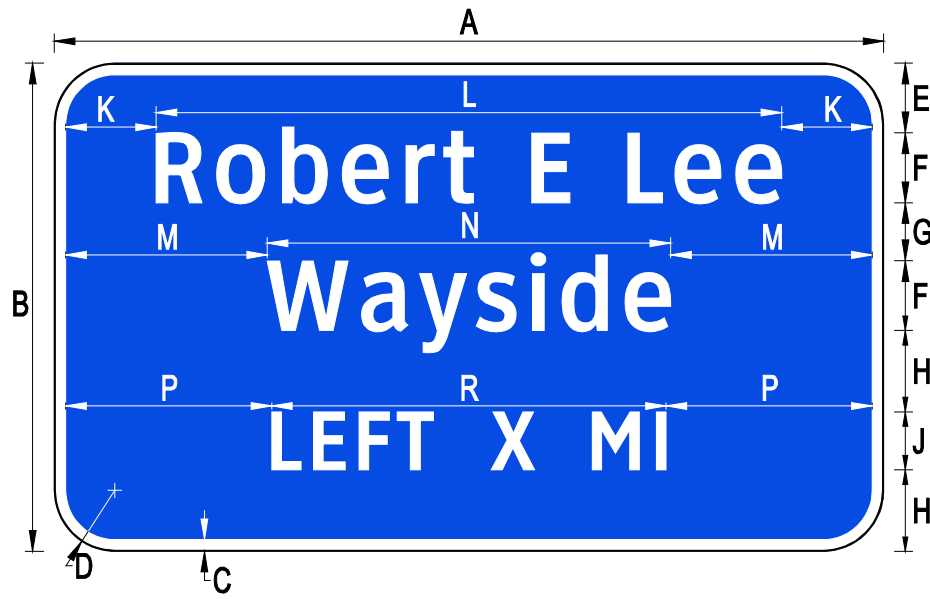


I-V12b

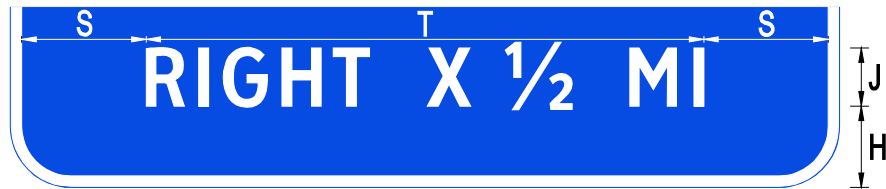
POINT OF HISTORICAL INTEREST (Two Lines)

| A    | B  | C    | D    | E   | F       | G | H      | J    | K      | L    |
|------|----|------|------|-----|---------|---|--------|------|--------|------|
| Var. | 18 | 0.75 | 2.25 | 3.5 | 4 (2-W) | 3 | 3 Min. | Var. | 3 Min. | Var. |

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



I-V13R



I-V13L

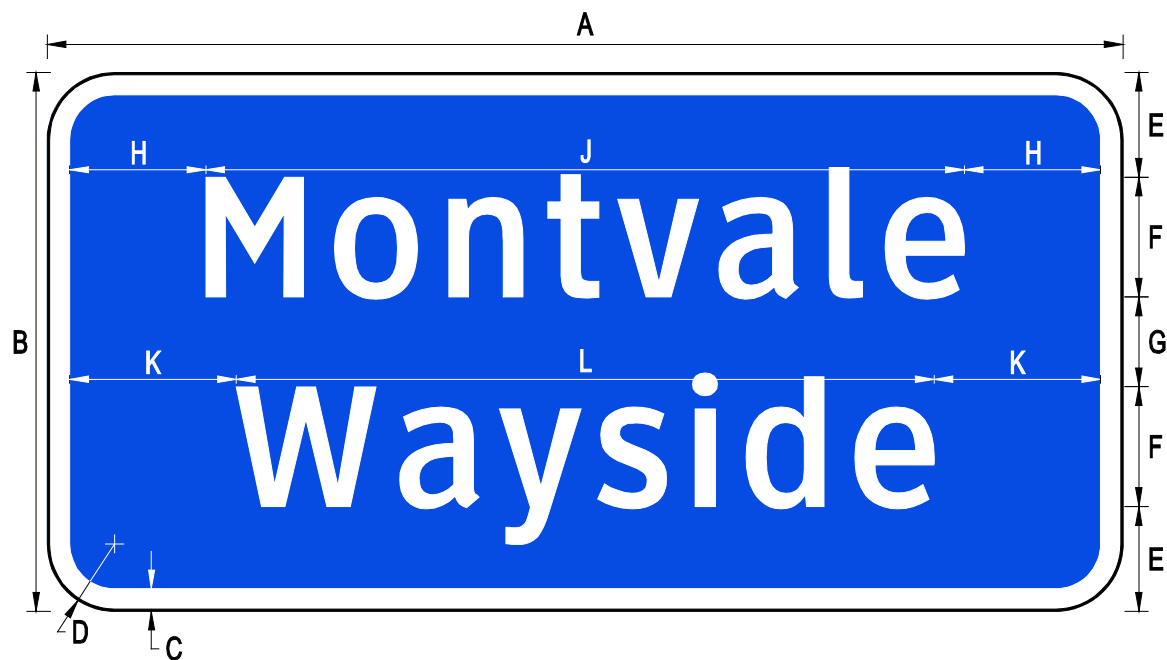
Advance Sign for Wayside

| A    | B  | C | D    | E | F       | G | H | J       | K      | L    | M      |
|------|----|---|------|---|---------|---|---|---------|--------|------|--------|
| Var. | 42 | 1 | 5.25 | 6 | 6 (3-W) | 5 | 7 | 5 (3-W) | 6 Min. | Var. | 6 Min. |

| N    | P      | R    | S      | T    |
|------|--------|------|--------|------|
| 36.1 | 5 Min. | Var. | 5 Min. | Var. |

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

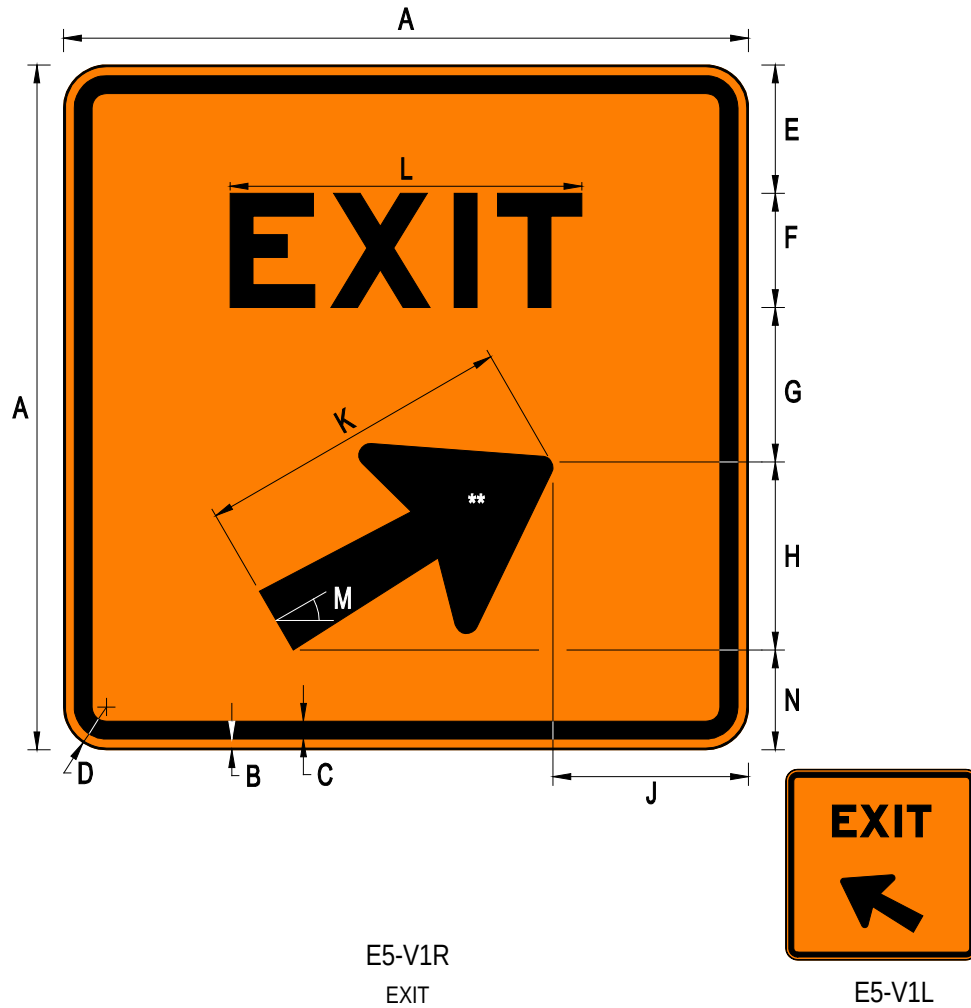


## I-V14

## Wayside Identification

| A    | B  | C   | D   | E | F       | G | H      | J    | K      | L    |
|------|----|-----|-----|---|---------|---|--------|------|--------|------|
| Var. | 36 | 1.5 | 4.5 | 7 | 8 (3-W) | 6 | 6 Min. | Var. | 6 Min. | 48.1 |

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



E5-V1R  
EXIT

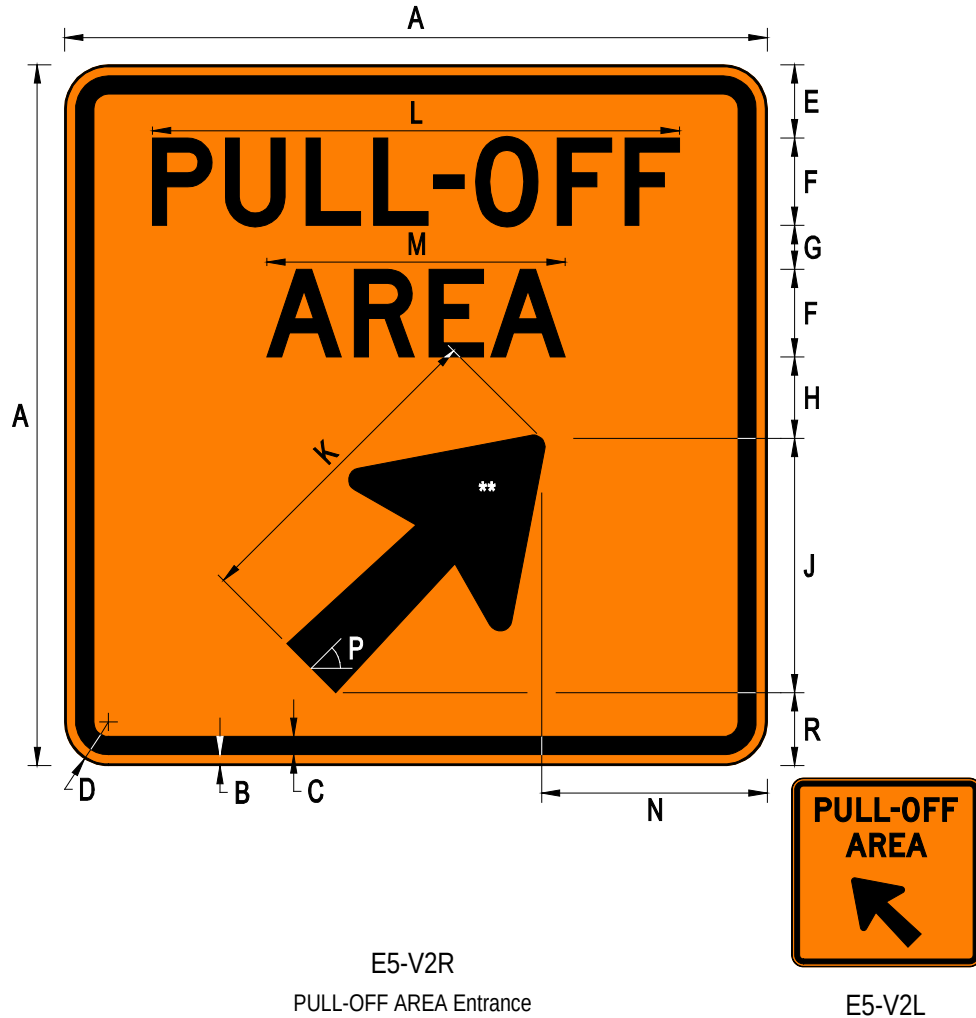
E5-V1L

| A  | B    | C    | D | E | F    | G    | H    | J    | K     | L    | M   |
|----|------|------|---|---|------|------|------|------|-------|------|-----|
| 48 | 0.75 | 1.25 | 3 | 9 | 8 EM | 10.8 | 13.2 | 13.7 | 22.25 | 24.6 | 30° |

| N |
|---|
| 7 |

\*\* Refer to FHWA Standard Highway Signs book for UP ARROW details (8" letter size).

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



| A  | B    | C    | D | E | F   | G | H   | J    | K     | L  | M    |
|----|------|------|---|---|-----|---|-----|------|-------|----|------|
| 48 | 0.75 | 1.25 | 3 | 5 | 6 D | 3 | 5.6 | 17.4 | 22.25 | 36 | 20.4 |

| N    | P   | R |
|------|-----|---|
| 15.4 | 45° | 5 |

\*\* Refer to FHWA Standard Highway Signs book for UP ARROW details (8" letter size).

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

# APPENDIX

## SIGN DESIGN GUIDELINES

The following procedures have been developed to provide a consistent design process for sign designers and fabricators when creating signs for use in the Commonwealth of Virginia.

### REGULATORY AND WARNING SIGNS

Margin, border, and corner radius dimensions (A, B, C, and Radius) can be found in Table 1 (derived from FHWA Standard Highway Signs Blank and Border Standards) on the following page. For sign sizes not given in the table, borders, corner radii, and margins should be designed based on the next-highest given sign size.

For signs using positive and negative contrast backgrounds (for example, the R0-V5 “Highway Safety Corridor with Fines” sign), borders and margins should both be used on the entire sign panel, using Dimensions B and C in Table 1.

Sign messages on Regulatory and Warning signs shall utilize Letter Type L1, L2, or a combination of L1 and L2. Refer to Section 701.03 (a) 4 of the 2007 Road and Bridge Specifications for information on Letter Types L1 & L2.

In accordance with Section 1A.10 of the Virginia Supplement to the 2009 MUTCD, any *permanent* Regulatory or Warning signs that are modified or proposed differently than as shown in the MUTCD, the Virginia Supplement, or the Virginia Standard Highway Signs book, shall be submitted for review and approval by VDOT’s Office of the State Traffic Engineer. Signs shall not be fabricated or installed prior to approval.

This requirement shall apply whether or not submission to FHWA is required.

### GUIDE SIGNS (E.G. ALL SIGNS OTHER THAN REGULATORY AND WARNING SIGNS)

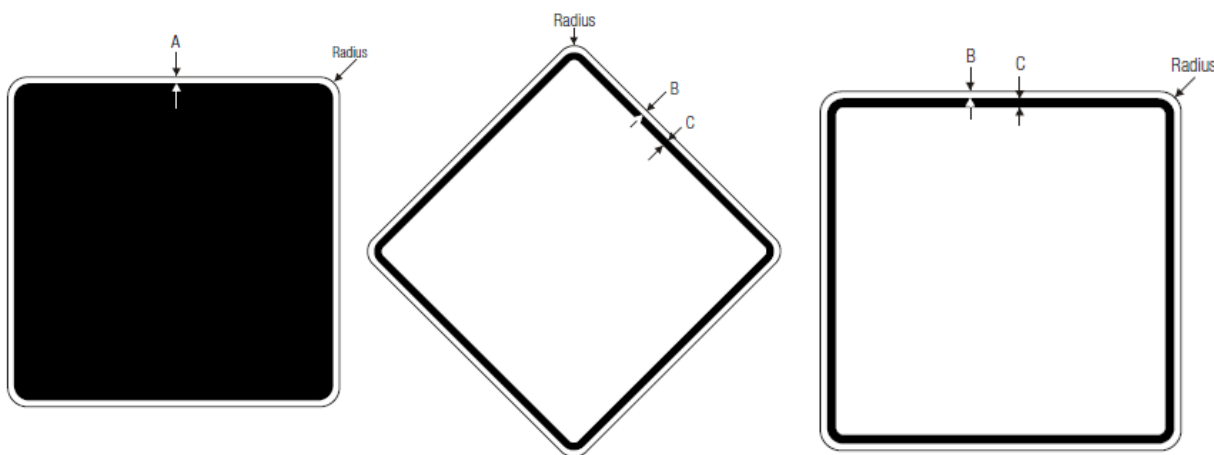
- Corner Radii should be one-eighth of the lesser side dimension, not exceeding 12 inches.
- Interline spacing should be three-fourths of the average of upper-case letter heights in adjacent lines of letters.
- The spacing to the top and bottom borders should be equal to the average of the letter height ( $[(UC + LC \text{ Loop})/2]$ ) of the adjacent line of letters.
- Spacing between legend, symbols, or shields and vertical borders should be approximately equal to the height of the largest letter.
- Spacing between words, words and arrows, a letter and arrow, words and symbols, or a word and number in a line of copy should be 1 to 1.5 times the upper case letter height used in that line of copy.
- The initial uppercase letters used in conjunction with lowercase letters shall be approximately 1.5 times the “loop” height of the lowercase letters.
- The height and width of signs should be in six-inch increments.
- Table 2 provides general border guidance for signs of any font type, given the capital letter size of major copy.
- Table 3 provides Clearview equivalents to the FHWA-series font, to be used on positive-contrast (white copy on green, blue, and brown backgrounds) guide signs.



Clearview font shall not be used on negative contrast signs.

- By nature of design, there may be times when deviation from these guidelines are necessary.
- Arrows shall be designed in accordance with the FHWA Standard Highway Signs book for Standard Arrow Details
- All positive contrast guide and specific service signs shall utilize

Letter Type L3, L4, or a combination of L3 and L4 unless otherwise noted in the sign design details. All other signs shall utilize Letter Type L1, L2, or a combination of L1 and L2 unless otherwise noted in the sign design details. Refer to Section 701.03 (a) 4 of the 2007 Road and Bridge Specifications for information on Letter Types L1, L2, L3 & L4.



**Table 1: Margin, Border, and Corner Radius Dimensions for Regulatory and Warning Signs**

(All dimensions are in inches)

| SIGN SIZE (BASED ON<br>SHORTEST DIMENSION) | A     | B*    | C     | RADIUS |
|--------------------------------------------|-------|-------|-------|--------|
| 9                                          | 0.375 | 0.375 | 0.375 | 1.0    |
| 12                                         | 0.375 | 0.375 | 0.438 | 1.5    |
| 18                                         | 0.5   | 0.375 | 0.625 | 1.5    |
| 24                                         | 0.5   | 0.375 | 0.625 | 1.5    |
| 30                                         | 0.75  | 0.5   | 0.75  | 1.875  |
| 36                                         | 0.75  | 0.625 | 0.875 | 2.25   |
| 48                                         | 1.0   | 0.75  | 1.25  | 3.0    |
| 60                                         | 1.0   | 0.75  | 1.25  | 3.0    |
| 72                                         | 1.5   | 1.0   | 1.5   | 4.0    |
| 90                                         | 1.5   | 1.0   | 1.5   | 6.0    |
| Greater than 90                            | 2.0   | 1.5   | 2.0   | 12.0   |

\* Margins do not apply to regulatory signs with dark (black, red, etc.) backgrounds.

**Table 2: Suggested Border Dimensions for Guide Signs**  
(All dimensions are in inches)

| MAJOR COPY SIZE (CAPITAL LETTER)   | BORDER WIDTH |
|------------------------------------|--------------|
| 4.0 or less                        | 0.75         |
| Greater than 4.0 and less than 8.0 | 1.0          |
| 8.0                                | 1.5          |
| 10.6                               | 1.5          |
| 12.0                               | 1.5          |
| 13.3                               | 2.0          |
| 16.0                               | 2.0          |
| 20.0                               | 3.0          |
| 24.0                               | 3.0          |

**Table 3: Use of Clearview Font on Positive Contrast Guide Signs**

| FHWA SERIES LETTER TYPE | CLEARVIEW LETTER TYPE |
|-------------------------|-----------------------|
| B                       | 1-W                   |
| C                       | 2-W                   |
| D                       | 3-W                   |
| E                       | 4-W                   |
| E-modified              | 5-W and 5-W-R*        |

\* Clearview 5-W-R has tighter letterspace than 5-W and is designed for replacement of guide signs in which the 5-W is too wide for the specific application, for new signs in areas with restricted right-of-way or when needed to reduce sign size to fit on existing sign supports/structures. If 5-W-R is used in these cases, the designer should document the rationale for using 5-W-R.

NOTE: Clearview font shall not be used on negative contrast signs.

## SIGN NUMBERING CONVENTION FOR USE WITH VIRGINIA STANDARD HIGHWAY SIGNS

Virginia's Standard Highway Signs (those signs unique to Virginia) includes those signs not in the FHWA Standard Highway Signs book or signs that have been modified from the Federal standards. The sign number convention used in this book is based on the MUTCD sign numbering convention.

### MUTCD SIGN NUMBERING CONVENTION (FOR EXAMPLES OF SIGN NUMBERING FOR MUTCD SIGNS AND VIRGINIA SIGNS, SEE PAGE A-6)

The numbering nomenclature used as the sign numbering convention in the MUTCD has three distinct parts ("family", "series", "unique sign number"). There may be times necessary when an additional suffix is added to the sign numbering convention.

#### FAMILY OF SIGNS

First, the MUTCD nomenclature is led by a letter indicating the "family of signs" name. Primarily used are the letters "R" for regulatory signs, "W" for warning signs and either "M", "D" or "I" for one of three major branches within the guide sign family.

#### SERIES WITHIN A FAMILY

Second, the MUTCD provides a location for the "series of signs" within a family, all signs within the series having a commonality are given the same number. For example, within the "R" or regulatory family, the "1" series contains STOP and YIELD related signs; the "2" series contains signs for SPEED LIMIT, the "3" series contains signs for LANE CONTROLS, etc.

#### UNIQUE SIGN NUMBERS

Third and separated from the "family" letter and "series" number by a hyphen is the unique sign number assigned to a particular sign message.

#### SUFFIXES

The MUTCD uses suffixes or follow-on references in the naming convention.

#### PLAQUES

If the sign is a plaque designed to accompany a larger sign, the unique number will contain a "P" suffix.

#### LOWERCASE A, B, C, ETC. SUFFIXES

In some cases, a particular sign message can be displayed in more than one format such as through symbol and through word.

For example, the R4-7a and the R4-7b are both "KEEP RIGHT" signs used at median noses, but the 7a version has a horizontal arrow while the 7b version has its arrow on a 45° slant. The R4-7 (no follow up letter) version of this sign is the bullet nose with bent vertical arrow indicating that one should pass the nose of the median to the right. So, even though these three signs are unique, they convey the basic "keep right" message, thus the MUTCD gives them the same basic number.

## L AND R SUFFIXES

A sign message might have a left movement version and a right movement version. An example of separating a left movement from a right movement is shown in the sign numbering for the “LEFT LANE CLOSED” (W20-5L) and “RIGHT LANE CLOSED” (W20-5R) signs. The MUTCD assigns the two signs the same “family”, “series” and “unique sign number” even though there is a “left” version and a “right” version. In this case, the suffix is simply a “L” for the left version and a “R” for the right version.

## VIRGINIA SIGNS

All signs that are unique to Virginia utilize a naming convention similar to the MUTCD. The signs start with the same “family” and “series” as similar MUTCD signs. Those indicators will then be followed by a unique letter and number combination that distinguishes the sign as a Virginia sign.

### THE LEADING “V”

Virginia sign designations contain the letter “V” after the hyphen to lead the sign number. A comprehensive list of all speed limit signs used in Virginia (both MUTCD and Virginia signs) would be as follows:

R2-1 (Speed Limit)  
R2-2P (Trucks)  
R2-3P (Night)  
R2-4P (Minimum Speed)  
R2-4a (Speed Limit with Minimum)  
R2-5P (Unless Otherwise Posted)  
R2-6P (Fines Higher)  
R2-10 (Begin Higher Fines Zone)  
R2-11 (End Higher Fines Zone)

R2-V1 (Notice: Fines Up to \$500 for Exceeding Speed Limit in Work Zone)  
R2-VP1 (Towed Vehicles Speed Limit Plaque)

In this comprehensive list, two signs can be recognized by the leading “V” as Virginia signs.

### THE “0” (ZERO) SERIES

Some Virginia signs fit within a “family” of signs but do not fit within a “series” in that “family”. These signs have been placed in the “0” (Zero) series. For example, the “NO DUMPING” sign designation follows this convention and is named R0-V1.

## PLAQUES AND OVERLAYS

If the sign is a plaque or overlay the unique sign number will begin with “VP”. Signs designated with the “VP” shall not be installed by themselves. These signs are designed to supplement another sign or be used as an overlay.

For example, the “ENTERING” plaque used with the “VIRGINIA BYWAY” (D6-V1) sign is designated D6-VP1.

## SIZE MODIFICATIONS OF FEDERAL SIGNS

Virginia uses signs from the FHWA Standard Highway Signs book and makes two different types of modifications:

1. providing additional sizes and
2. eliminating the MUTCD sign and replacing it with the Virginia sign.

In these cases, a “(V)” has been added (after a space) to the end of the MUTCD sign number. The user shall refer to the Virginia

Supplement to the MUTCD or the Virginia Work Area Protection Manual for the application of these signs.

For example, the “Authorized Vehicles Only” sign is numbered R5-11 in the MUTCD. The Virginia-modified version of this same sign is numbered R5-11 (V).

## EXAMPLES OF MUTCD SIGN NUMBERING



### **SPEED LIMIT Sign (R2-1)**

Family of Signs: R (Regulatory)

Series: 2 (Speed Limit Signs)

Unique R2 Sign Number: 1



### **LARGE ARROW Sign (W1-6R)**

Family: W (Warning)

Series: 1 (Horizontal Alignment Signs)

Unique W1 Sign Number: 6

Left or Right Version: R



R6-3



R6-3a

### **DIVIDED HIGHWAY Sign (R6-3 & R6-3a)**

Family: R (Regulatory)

Series: 6 (One-Way/Divided Highway Signs)

Unique R6 Sign Number: 3

Note the alternate design of the sign, denoted by the "a" suffix.

## EXAMPLES OF VIRGINIA-SPECIFIC SIGNS



### **WATCH FOR TURNING VEHICLES Sign (W11-V3)**

Family: W (Warning)

Series: 11 (Vehicular Traffic Signs)

Unique Virginia W11 Sign Number: V3



### **LITTERING IS ILLEGAL (w/ Symbol) Sign (R0-V2)**

Family: R (Regulatory)

Series: 0 (no family of signs established in MUTCD)

Unique Virginia R2 Sign Number: V2



### **AUTHORIZED VEHICLES ONLY Sign (R5-11 (V))**

Family: R (Regulatory)

Series: 5 (Selective Exclusion Signs)

Virginia Modification of Federal Sign Number: 11 (V)



**ROAD WORK AHEAD - RIGHT LANE CLOSED Sign**

W20-V2R

Family: W (Warning)

Series: 20 (Work Zone Advance Warning Signs)

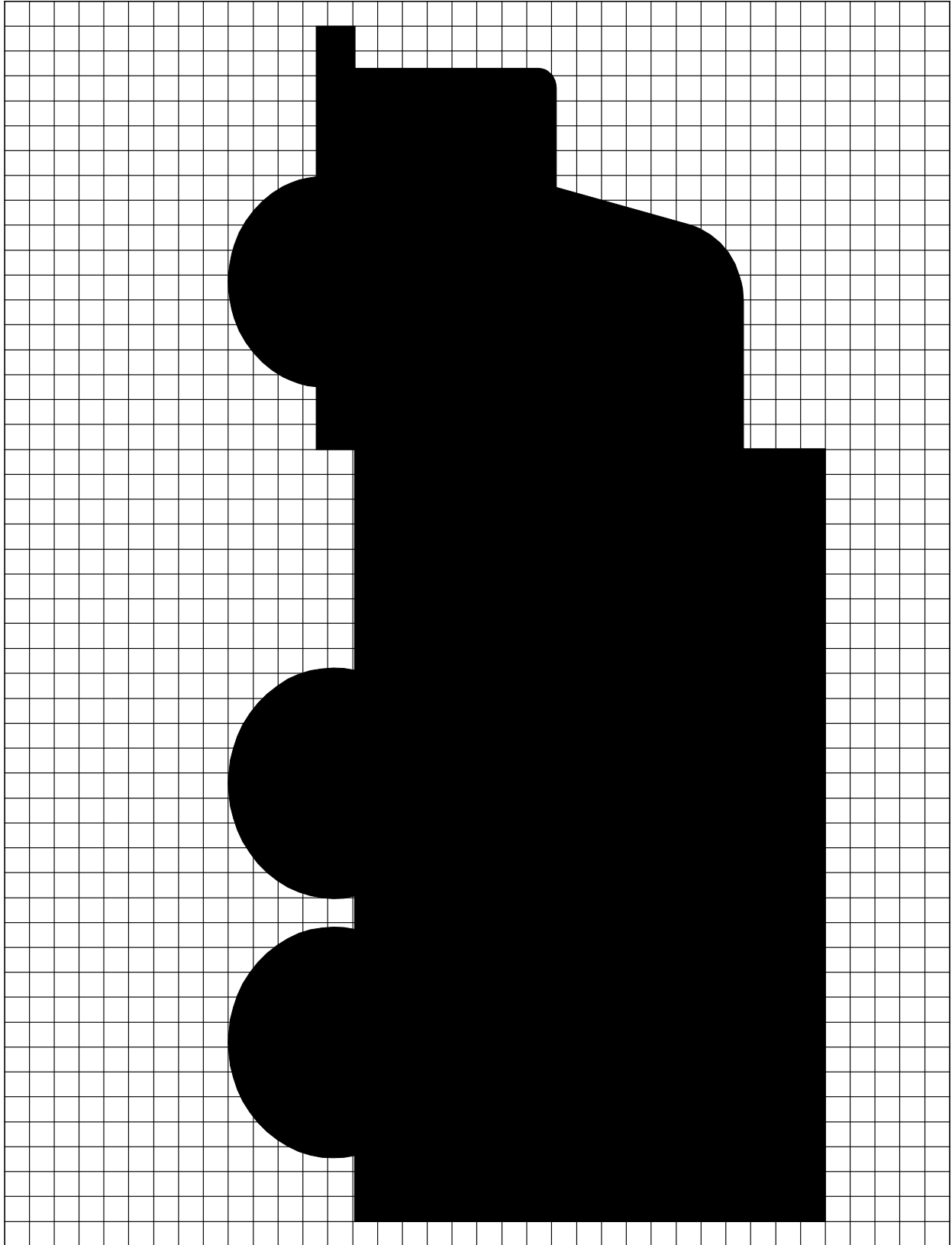
Unique Virginia W20 Sign Number: V2

Left or Right Version: R

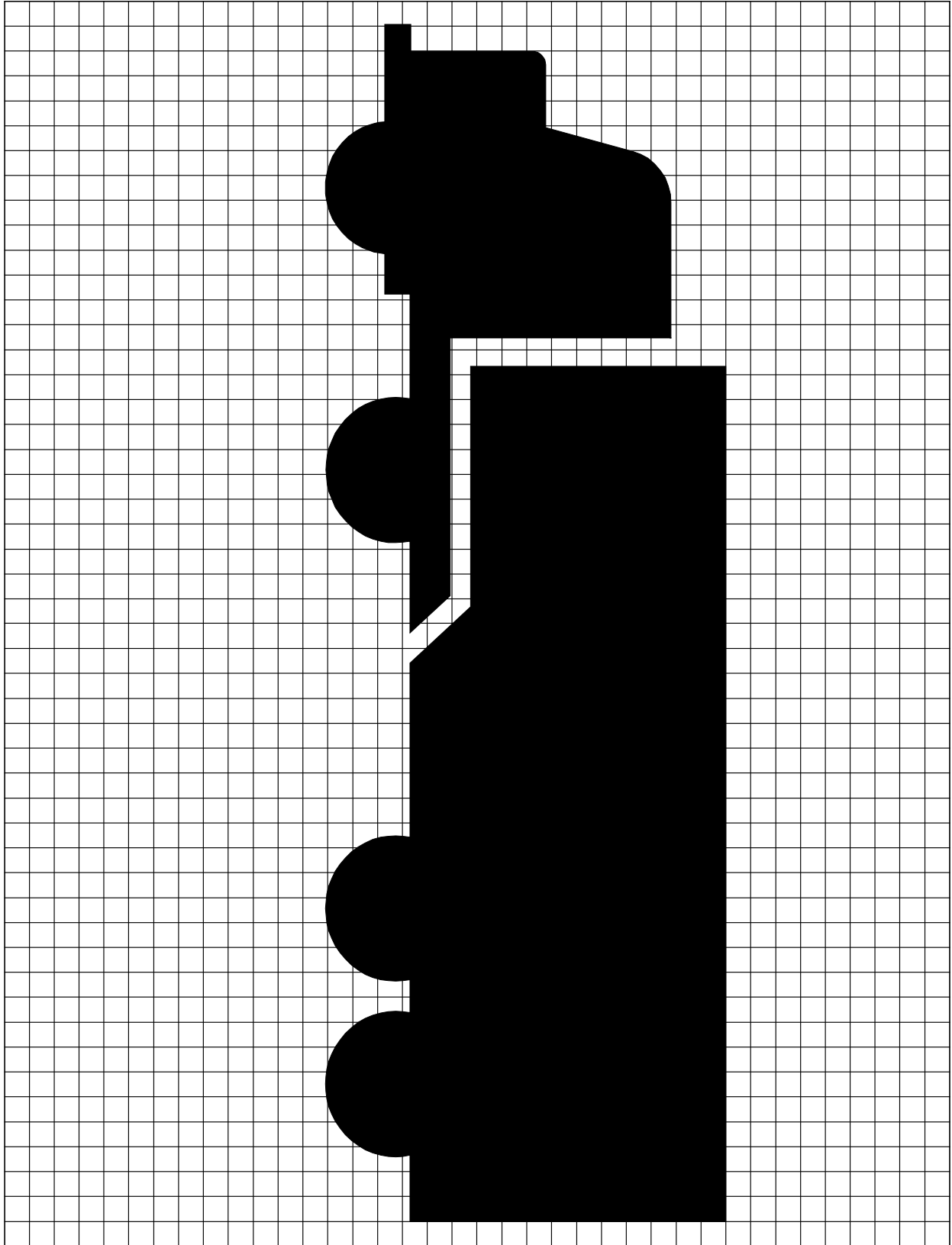


Symbol Detail for use on R0-V2 Sign

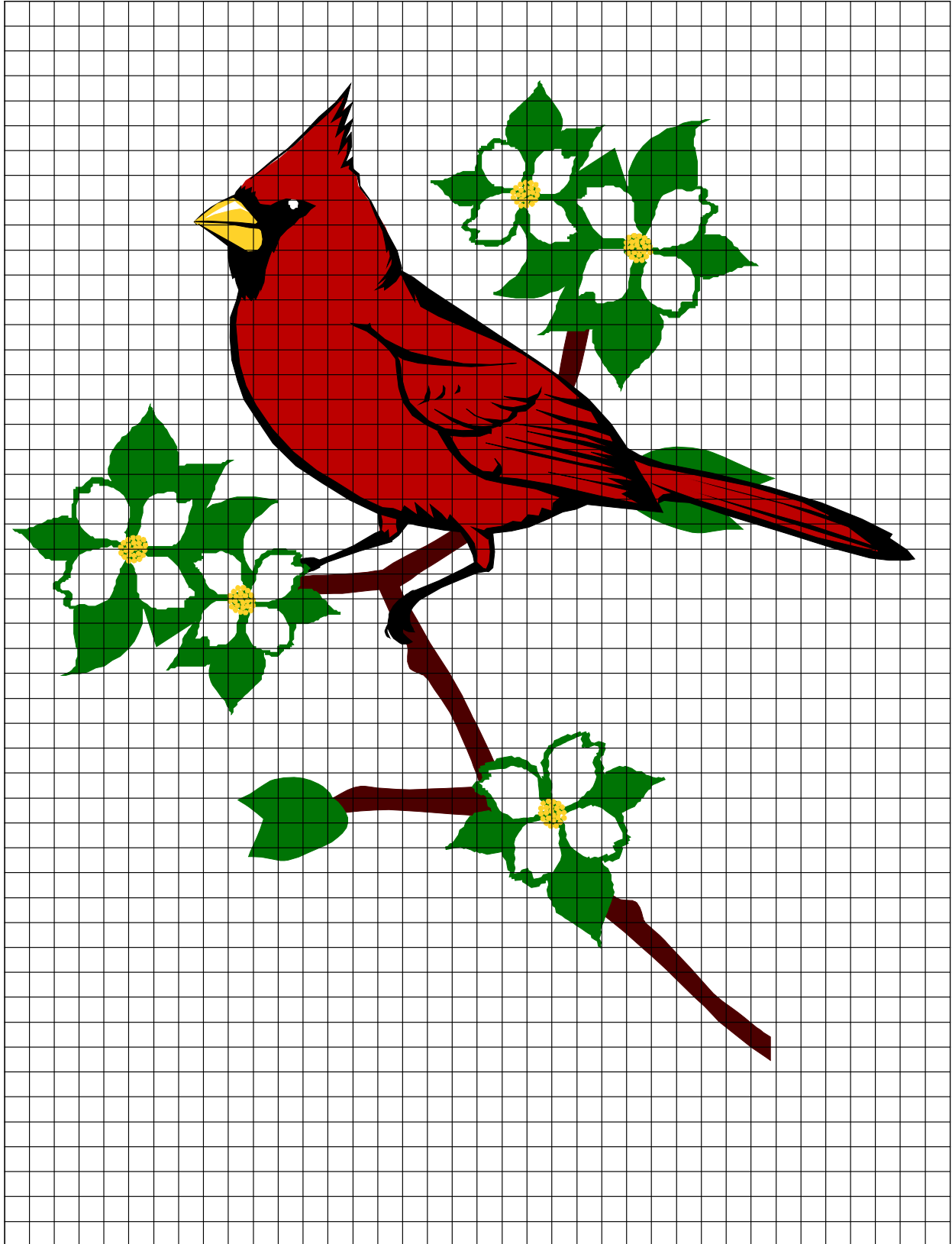




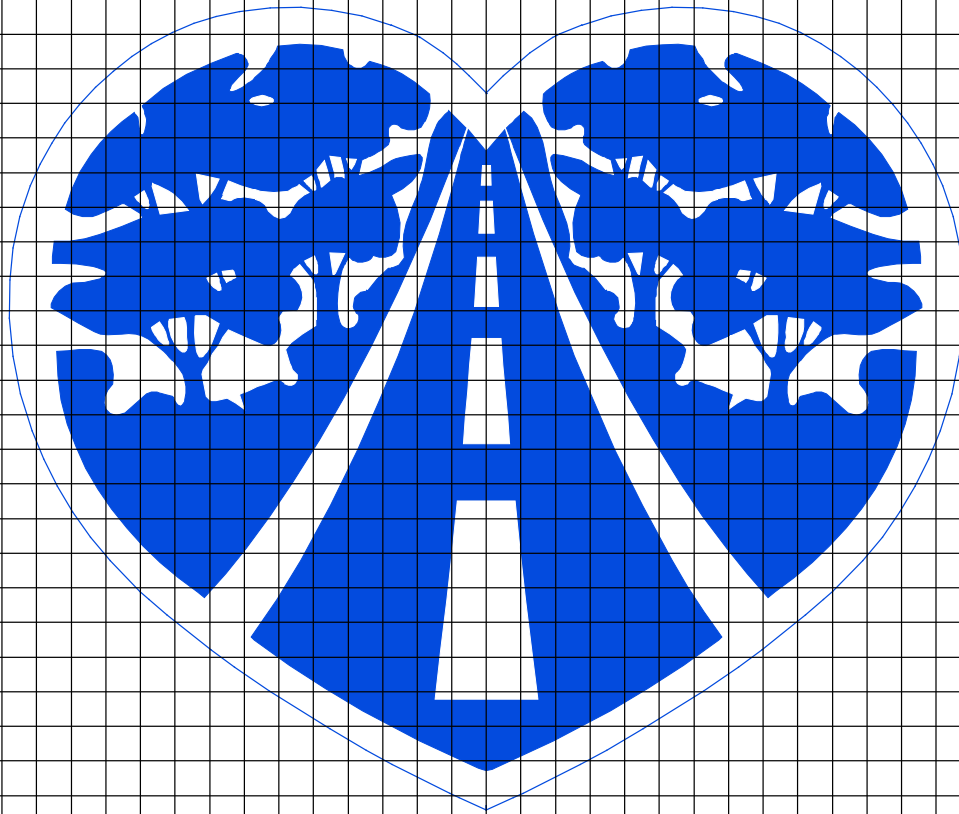
Symbol Detail for use on R12-V1, Weight Restriction Sign



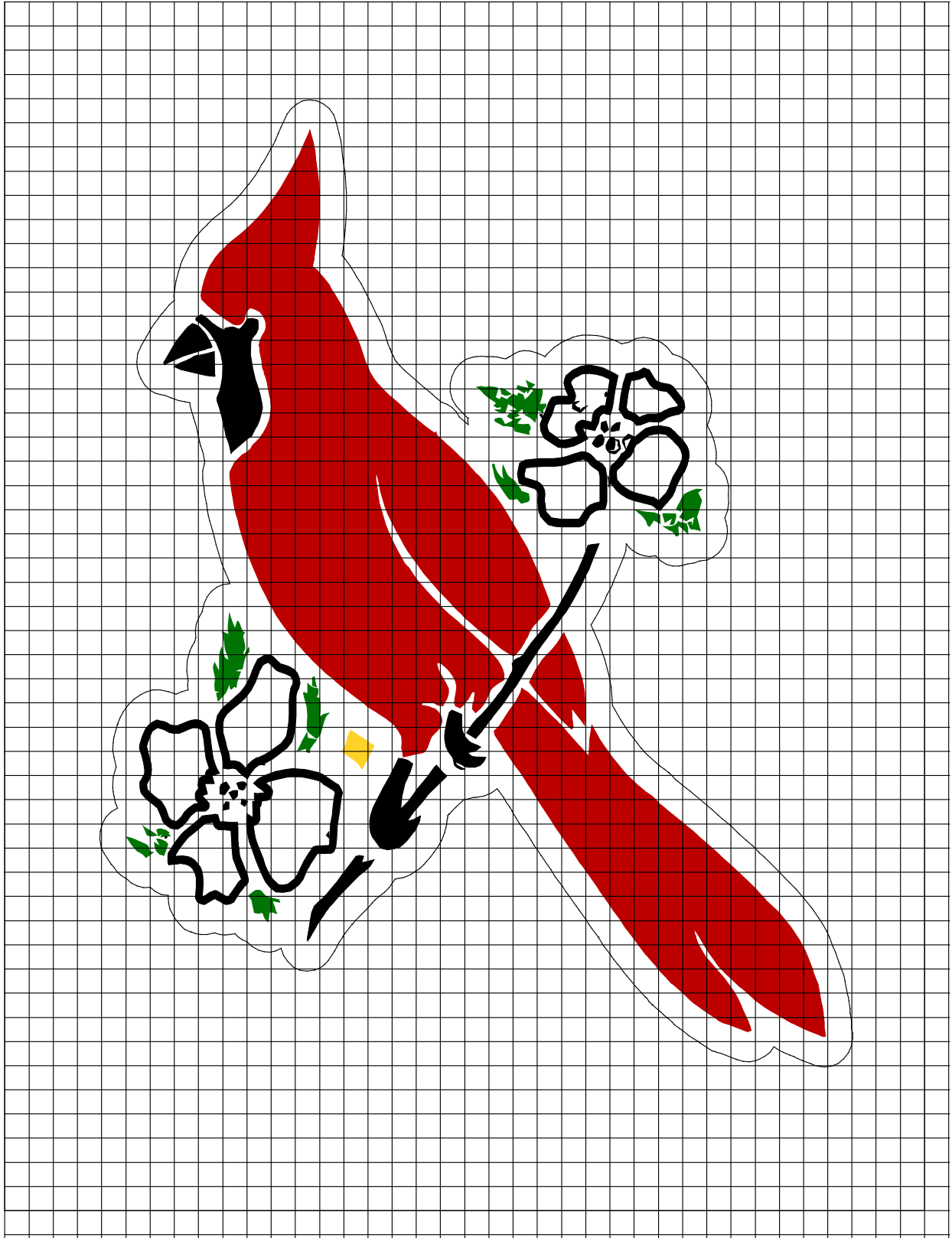
Symbol Detail for use on R12-V1, Weight Restriction Sign



Symbol Detail for use on D6-V1, VIRGINIA BYWAY Sign

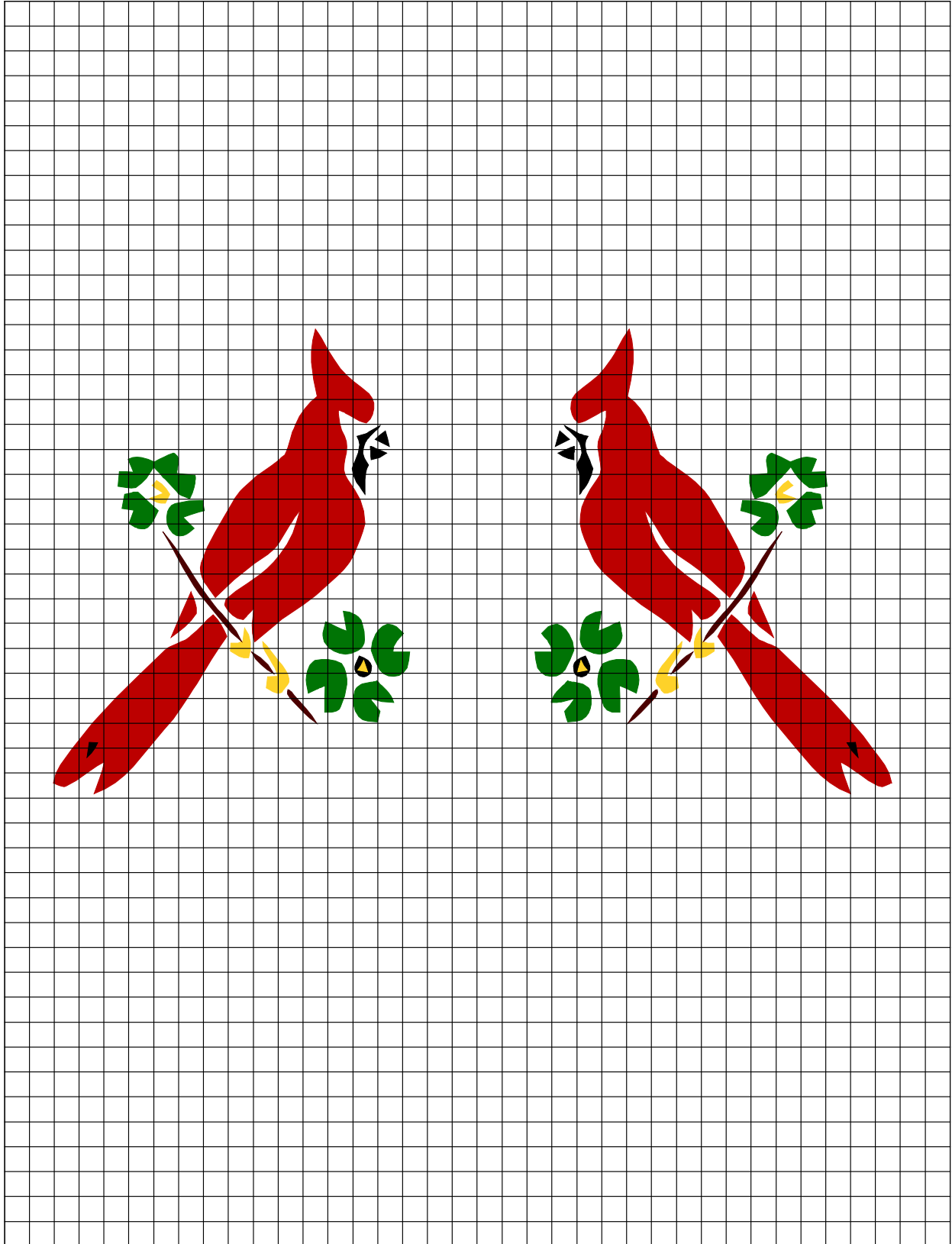


Symbol Detail for use on D14-V1, ADOPT A HIGHWAY Sign



Symbol Detail for use on D14-V1, ADOPT A HIGHWAY Sign

Symbol Detail for use on I-V1, VIRGINIA WELCOMES YOU Sign



Symbol Detail for use on I-V4, BIRD SANCTUARY Sign

## HELPFUL INTERNET LINKS

1. National Standard Highway Signs book - [http://mutcd.fhwa.dot.gov/ser-shs\\_millennium\\_eng.htm](http://mutcd.fhwa.dot.gov/ser-shs_millennium_eng.htm)
2. National Manual on Uniform Traffic Control Devices – <http://mutcd.fhwa.dot.gov/>
3. Virginia Supplement to the 2009 MUTCD – [http://www.virginiadot.org/business/virginia\\_mutcd\\_supplement.asp](http://www.virginiadot.org/business/virginia_mutcd_supplement.asp)
4. Virginia Department of Historical Resources – <http://www.dhr.virginia.gov>
5. Virginia Department of Transportation – <http://www.virginiadot.org>
6. Virginia Work Area Protection Manual – <http://www.virginiadot.org/business/trafficeng-WZS.asp>