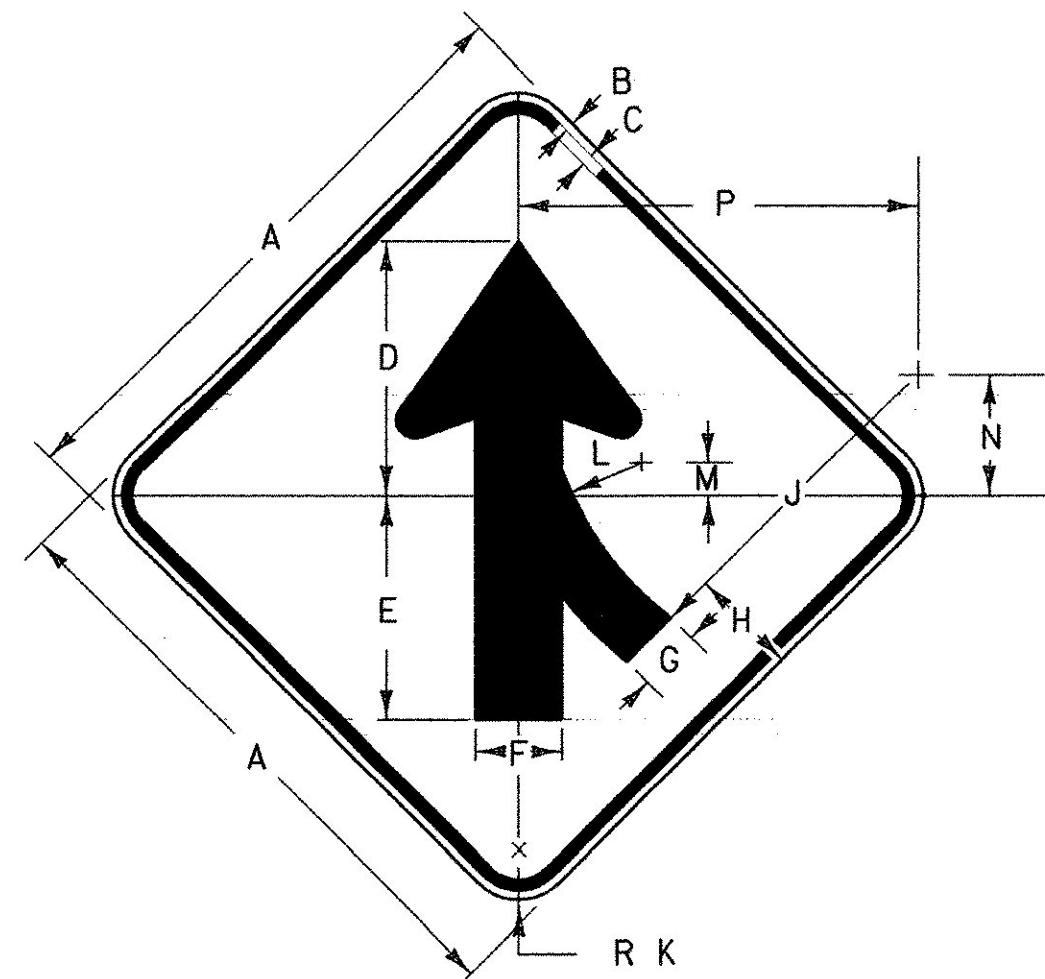


**W3-1A**

COLORS:  
 BORDER AND ARROW - BLACK (NON-REFL)  
 SYMBOL - WHITE BORDER ON RED BACKGROUND (RETROREFL)

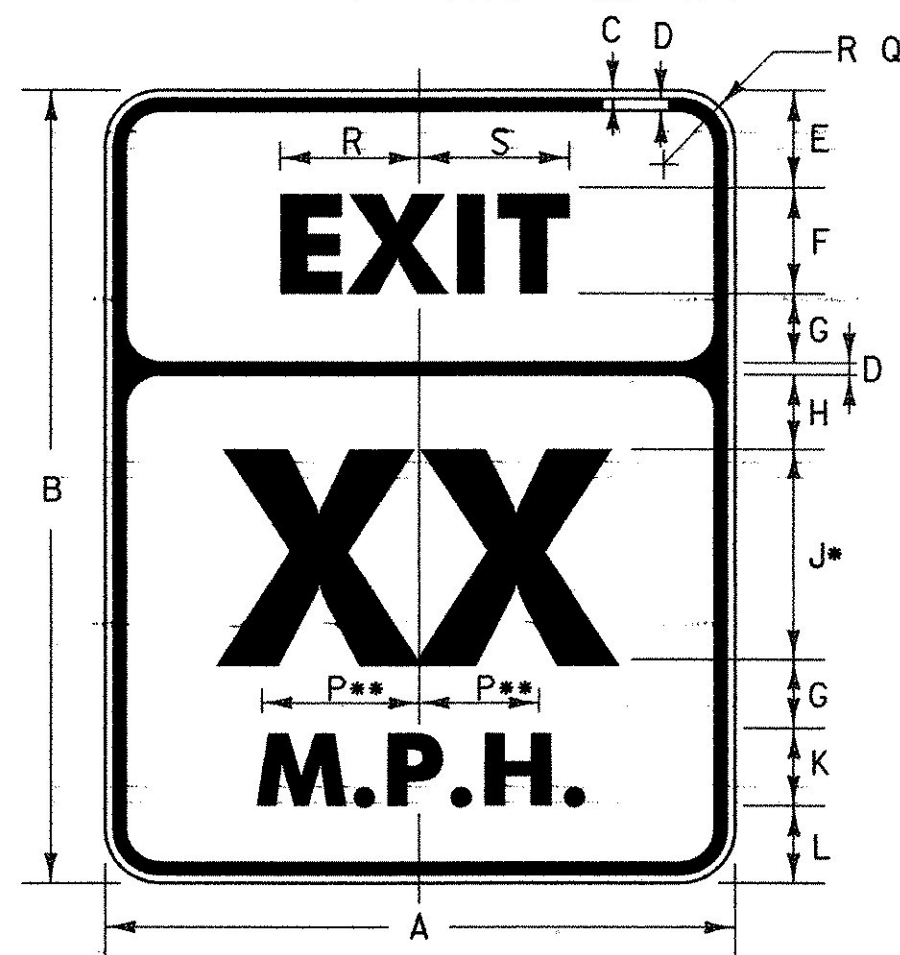
| SIGN    | DIMENSIONS (INCHES) |     |       |       |       |       |     |     |        |       |       |     |       |   |
|---------|---------------------|-----|-------|-------|-------|-------|-----|-----|--------|-------|-------|-----|-------|---|
|         | A                   | B   | C     | D     | E     | F     | G   | H   | J      | K     | L     | M   | N     | P |
| PATH    | 18                  | 3/8 | 5/8   | 4 1/2 | 2 1/4 | 2 3/4 | 1/8 | 1/4 | 10     | 3 5/8 | 1 7/8 | 3/8 | 1 1/8 |   |
| MIN.    | 30                  | 1/2 | 3/4   | 7 1/2 | 3 3/4 | 5     | 5/8 | 3/8 | 15 3/4 | 6 1/4 | 2 7/8 | 1/2 | 1 7/8 |   |
| STD.    | 36                  | 5/8 | 7/8   | 9     | 4 1/2 | 6     | 3/4 | 3/8 | 19     | 7 1/2 | 3 1/2 | 5/8 | 2 1/4 |   |
| SPECIAL | 48                  | 3/4 | 1 1/4 | 12    | 6     | 8     | 1   | 1/2 | 25 1/8 | 10    | 4 1/2 | 3/4 | 3     |   |



**W4-1**

SEE ARROW DETAIL STD. E-151

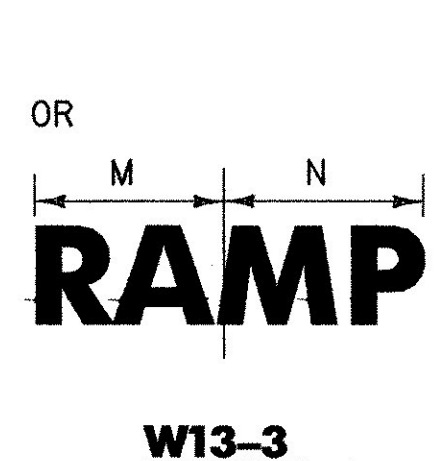
| SIGN   | DIMENSIONS (INCHES) |     |       |        |        |       |       |       |        |       |        |       |        |        |
|--------|---------------------|-----|-------|--------|--------|-------|-------|-------|--------|-------|--------|-------|--------|--------|
|        | A                   | B   | C     | D      | E      | F     | G     | H     | J      | K     | L      | M     | N      | P      |
| STD.   | 30                  | 1/2 | 3/4   | 13     | 11     | 4 3/8 | 3     | 5 1/4 | 28     | 1 7/8 | 8      | 3     | 13     | 27 3/4 |
| EXPWY. | 36                  | 5/8 | 7/8   | 15 3/4 | 13 1/4 | 5 1/4 | 3 5/8 | 6 5/8 | 33 5/8 | 2 1/4 | 9 5/8  | 4     | 15 5/8 | 33 5/8 |
| FWY.   | 48                  | 3/4 | 1 1/4 | 20 1/2 | 17 1/2 | 7     | 4 3/4 | 8 5/8 | 45     | 3     | 12 5/8 | 5 1/4 | 20 3/4 | 44 5/8 |



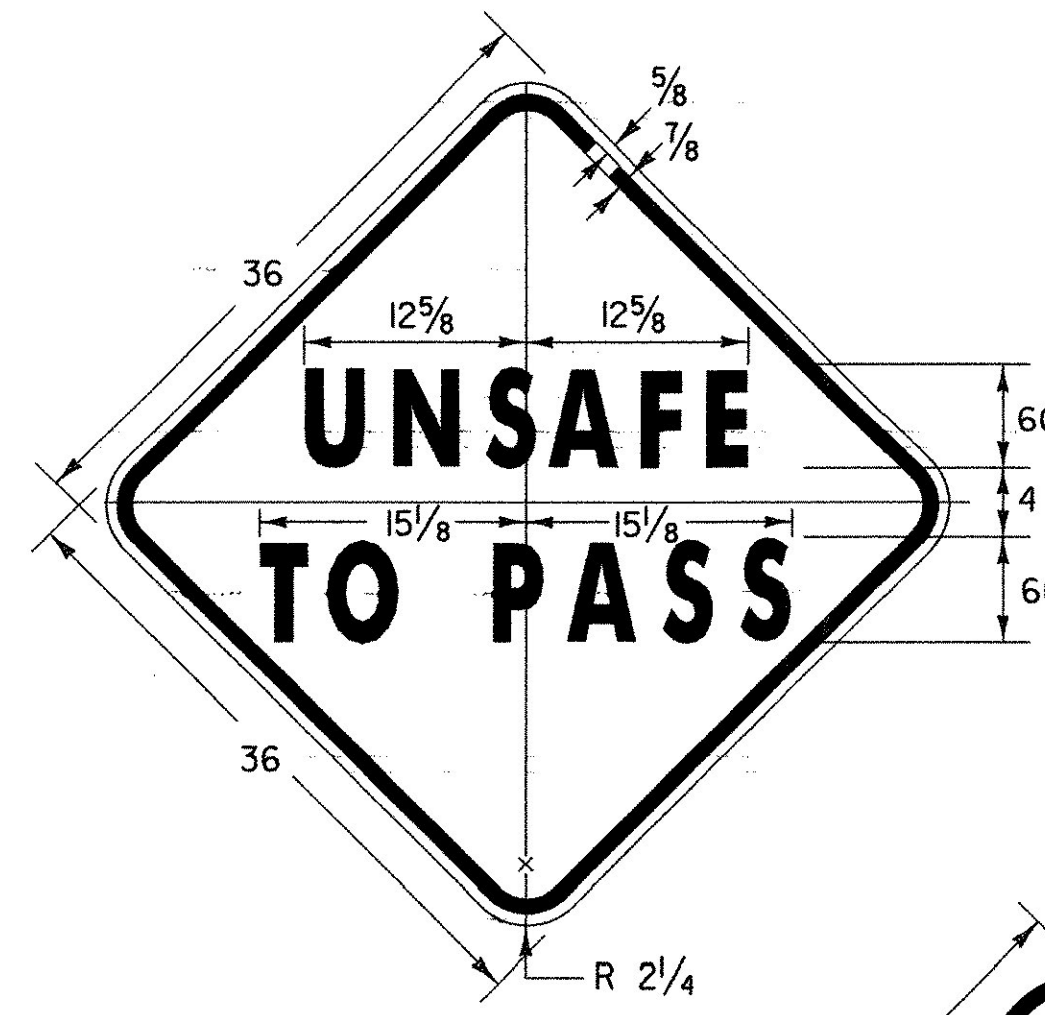
**W13-2**

• OPTICALLY SPACE NUMBERS ABOUT VERTICAL CENTERLINE.  
 •• INCREASE SPACING 100%  
 THE 'RAMP' SPEED SIGN IS USED ON RAMPS LEADING FROM ONE FREEWAY TO ANOTHER AND THE 'EXIT' SPEED SIGN IS USED ON NORMAL EXITS.

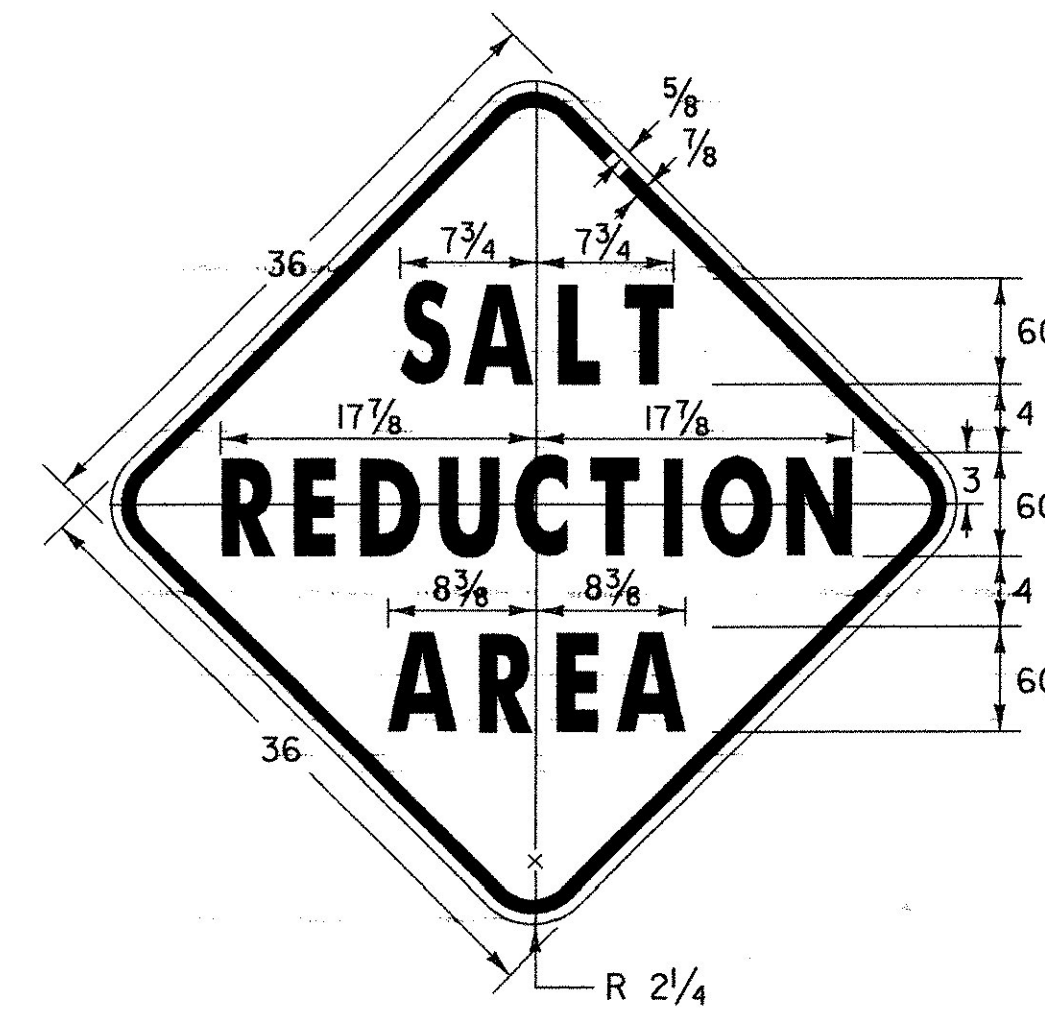
| SIGN        | DIMENSIONS (INCHES) |    |     |       |       |    |       |       |     |    |   |        |        |        |       |        |        |
|-------------|---------------------|----|-----|-------|-------|----|-------|-------|-----|----|---|--------|--------|--------|-------|--------|--------|
|             | A                   | B  | C   | D     | E     | F  | G     | H     | J   | K  | L | M      | N      | P      | Q     | R      | S      |
| MIN. & STD. | 24                  | 30 | 3/8 | 5/8   | 3 1/2 | 4E | 2 1/2 | 2 7/8 | 8E  | 3E | 3 | 8 1/4  | 8 1/2  | 5 5/8  | 1 1/2 | 6 1/8  | 6 3/8  |
| EXPWY.      | 36                  | 48 | 5/8 | 7/8   | 6     | 6E | 4     | 5 1/8 | 12E | 4E | 6 | 12 3/8 | 12 3/4 | 7 1/8  | 2 1/4 | 9 1/4  | 9 1/2  |
| FWY.        | 48                  | 60 | 3/4 | 1 1/4 | 7     | 8E | 5     | 5 3/4 | 16E | 6E | 6 | 16 1/2 | 17     | 10 5/8 | 3     | 12 1/4 | 12 3/4 |



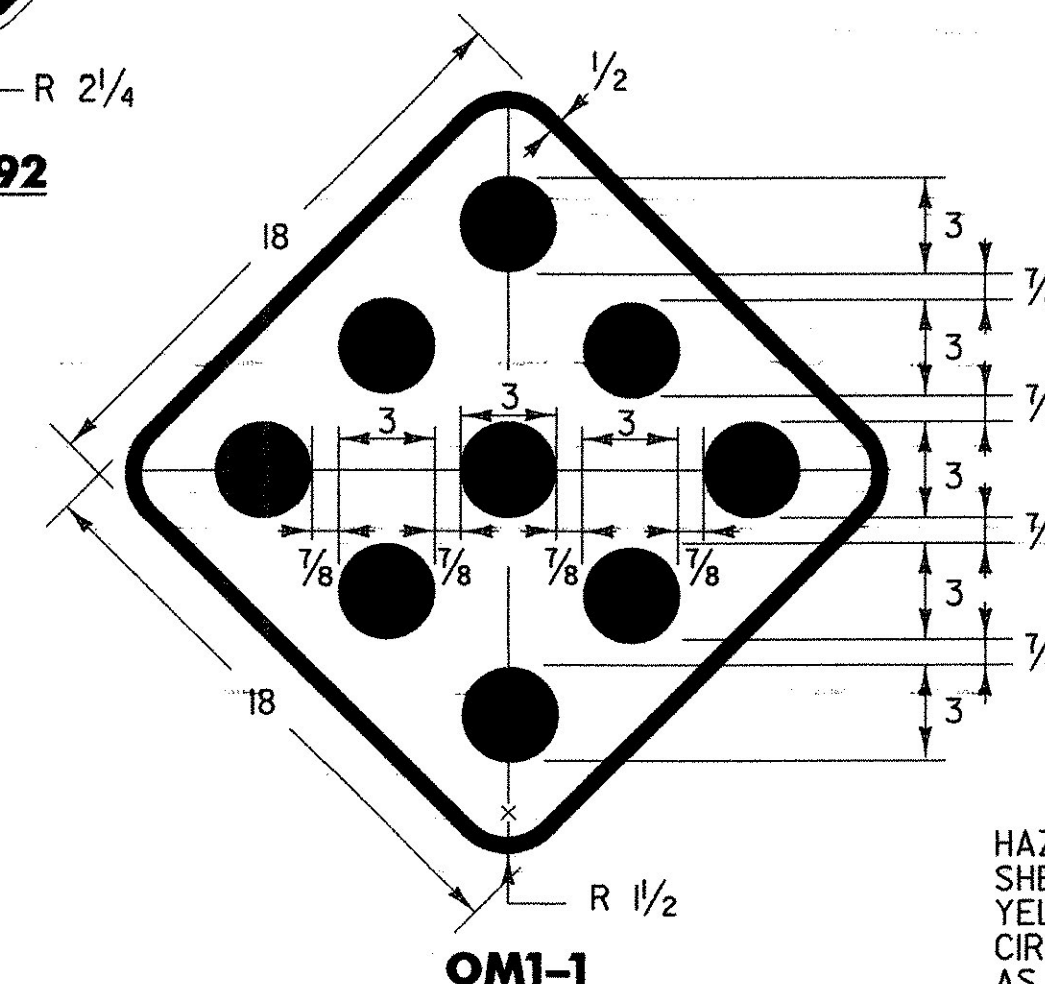
**W13-3**



**VW-092**



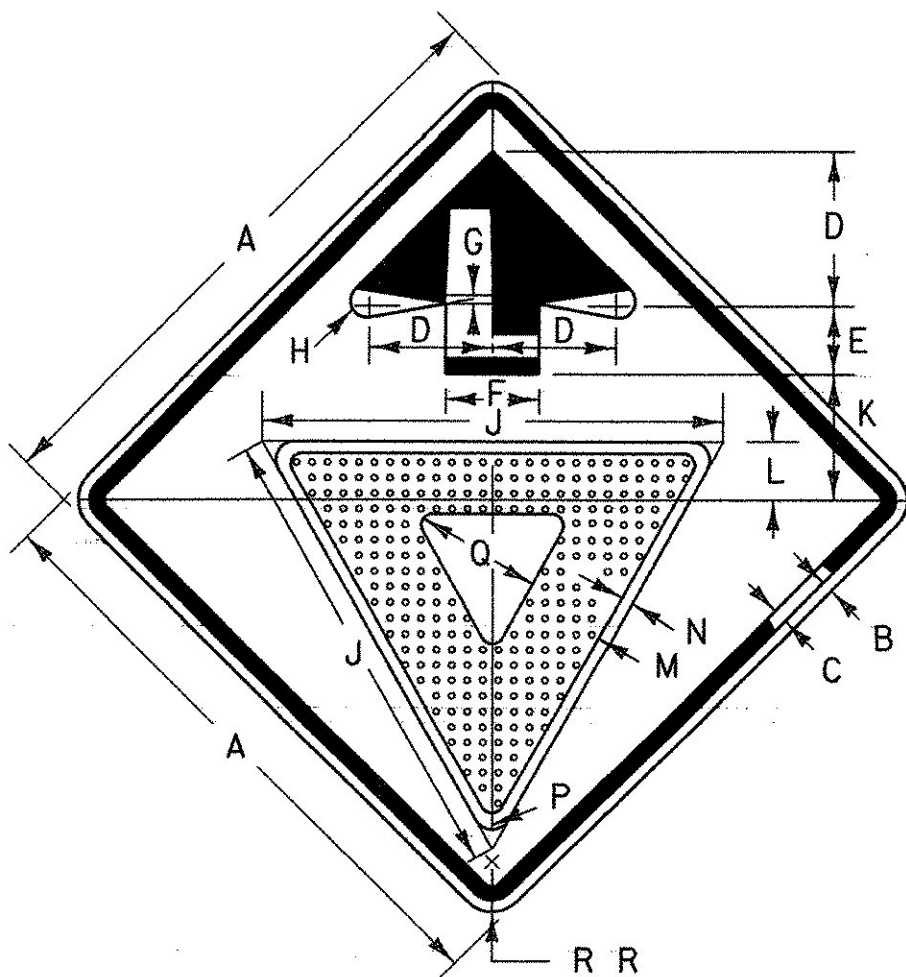
**VW-290**



**OM1-1**

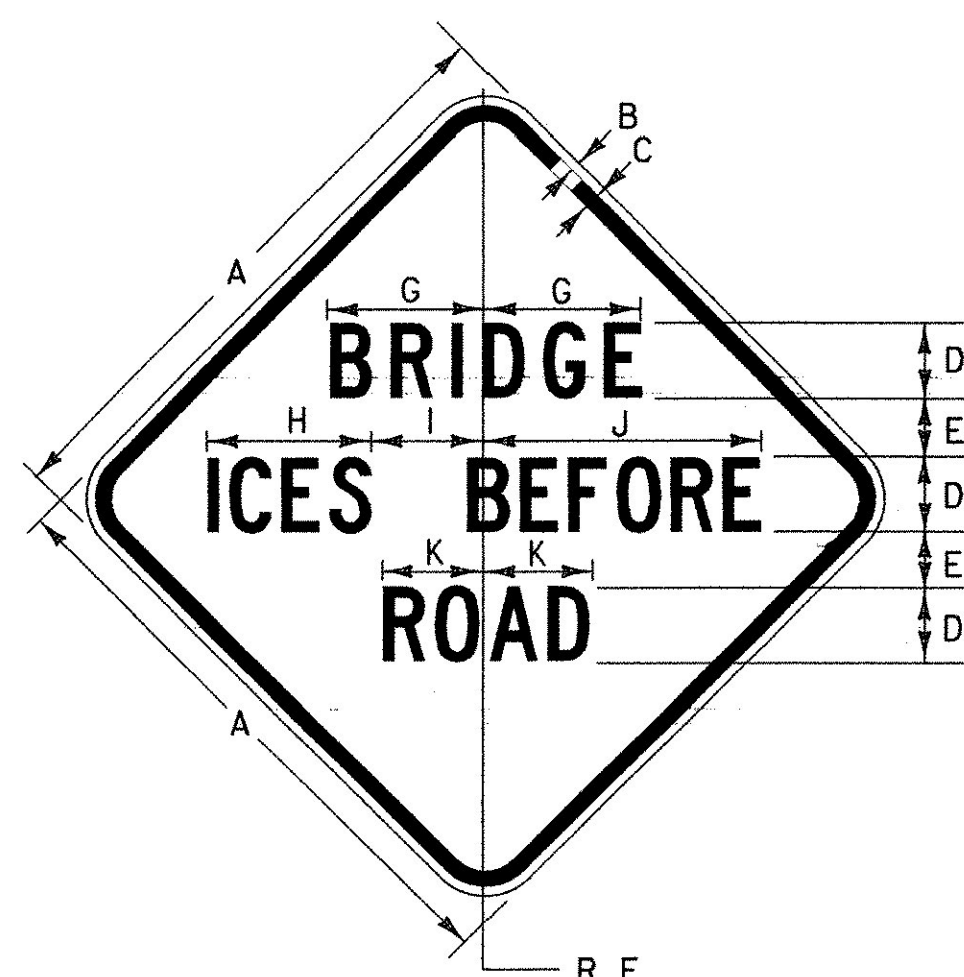
COLORS:  
 BORDER AND REFLECTORS-YELLOW (TYPE IX RETROREFL)  
 BACKGROUND-YELLOW (NON-REFL)

HAZARD MARKERS SHALL BE OF 0.060 FLAT SHEET ALUMINUM WITH A NON-REFLECTIVE YELLOW BACKGROUND AND NINE 3" DIA. CIRCLES EVENLY SPACED WITH MATERIALS AS NOTED.

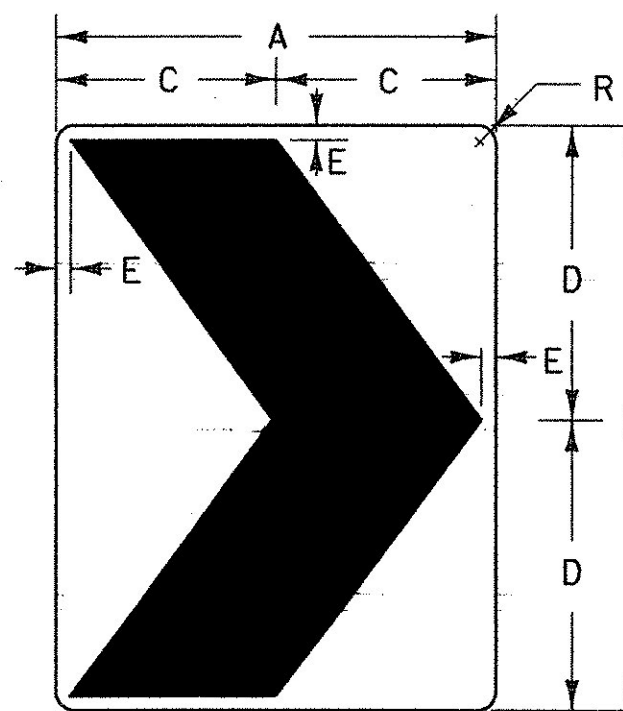


**W3-2A**

COLORS:  
 BORDER AND ARROW - BLACK (NON-REFL)  
 SYMBOL - RED BORDER ON WHITE BACKGROUND (RETROREFL)



**W8-13**



**W1-8**

| SIGN      | DIMENSIONS (INCHES) |     |       |    |       |   |        |       |   |        |       |
|-----------|---------------------|-----|-------|----|-------|---|--------|-------|---|--------|-------|
|           | A                   | B   | C     | D  | E     | F | G      | H     | I | J      | K     |
| STD.      | 36                  | 3/8 | 5/8   | 5C | 3 3/4 | 2 | 9 5/8  | 1 1/2 | 5 | 20 5/8 | 7     |
| FWY./EXP. | 48                  | 3/4 | 1 1/4 | 6C | 4 1/2 | 3 | 12 1/2 | 1 3/8 | 6 | 24 7/8 | 8 5/8 |

| SIGN    | DIMENSIONS (INCHES) |    |    |    |       |       |
|---------|---------------------|----|----|----|-------|-------|
|         | A                   | B  | C  | D  | E     | F     |
| MIN.    | 12                  | 18 | 6  | 9  | 1 1/2 | 1 1/2 |
| STD.    | 18                  | 24 | 9  | 12 | 3/4   | 1 1/2 |
| SPECIAL | 24                  | 30 | 12 | 15 | 7/8   | 1 1/2 |
| EXPWY.  | 30                  | 36 | 15 | 18 | 1     | 1 7/8 |
| FWY.    | 36                  | 48 | 18 | 24 | 1 1/8 | 2 1/4 |

(ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED)

**NOTES**

**DESIGN**  
 LETTERS, DIGITS, ARROWS, SYMBOLS, SPACINGS, AND TEXT DIMENSIONS SHALL CONFORM WITH THE 'STANDARD HIGHWAY SIGNS BOOK' AND 'DESIGNS PRESCRIBED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) ADOPTED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION (FHWA).

**MATERIALS**  
 ANY OF THE FOLLOWING, OF THE MINIMUM THICKNESS NOTED.  
 THE SIGN BASE MATERIALS USED FOR THE WARNING SIGNS SHOWN ON THIS SHEET MAY BE

|           |           |           |           |
|-----------|-----------|-----------|-----------|
| 12" X 18" | 24" X 24" | 36" X 36" | 48" X 48" |
| 18" X 18" | 24" X 30" | 36" X 48" | 48" X 60" |
| 18" X 24" | 30" X 36" | 36" X 48" | 48" X 60" |

FLAT SHEET ALUMINUM

|        |        |        |        |
|--------|--------|--------|--------|
| 0.060" | 0.080" | 0.100" | 0.125" |
|--------|--------|--------|--------|

**REFLECTORIZATION**  
 THE BACKGROUND RETROREFLECTIVE MATERIAL SHALL BE ASTM TYPE III, TYPE VII OR TYPE IX RETROREFLECTIVE SHEETING APPLIED TO THE ENTIRE BACKGROUND OF THE SIGN. THE TEXT, BORDER AND SYMBOLS SHALL BE LETTERING FILM OR SILK SCREENED.

**COLORS**  
 ALL THE WARNING SIGNS SHOWN ON THIS SHEET SHALL HAVE BLACK TEXT AND SYMBOLS ON RETROREFLECTORIZED YELLOW BACKGROUND UNLESS OTHERWISE NOTED. THE COLORS SHALL CONFORM WITH THE COLORS ADOPTED BY AASHTO AND APPROVED BY THE FHWA.

**SPECIFICATIONS**  
 WARNING SIGNS SHALL MEET THE VERMONT STANDARD SPECIFICATIONS FOR CONSTRUCTION "TRAFFIC SIGNS".

**OTHER STDS. E-151 REQUIRED:**

**REVISIONS AND CORRECTIONS**

OCT. 30, 1987 - DATE OF ORIGINAL ISSUE  
 AUG. 08, 1995 - ADDED SIGN DETAIL AND I.D. NUMBER FOR EACH DETAIL  
 JAN. 15, 1997 - REMOVED STORM SIGN DETAIL  
 MAY 01, 2004 - CHANGED REFLECTIVE SHEETING TO TYPE III  
 ADDED PATH DIMENSIONS

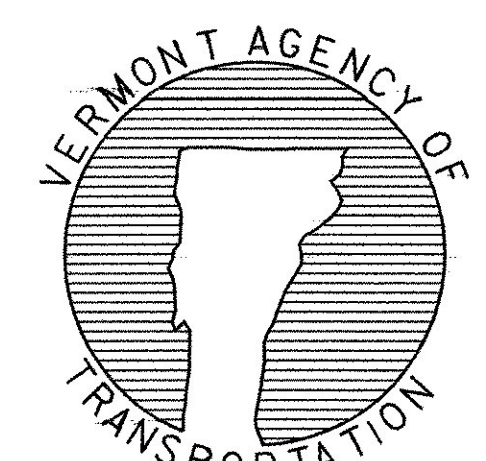
APPROVED

*[Signature]*  
 DIRECTOR OF PROGRAM DEVELOPMENT

*[Signature]*  
 TRAFFIC OPERATIONS ENGINEER

*[Signature]*  
 FEDERAL HIGHWAY ADMINISTRATION

WARNING SIGN  
 DETAILS



STANDARD  
 E-150