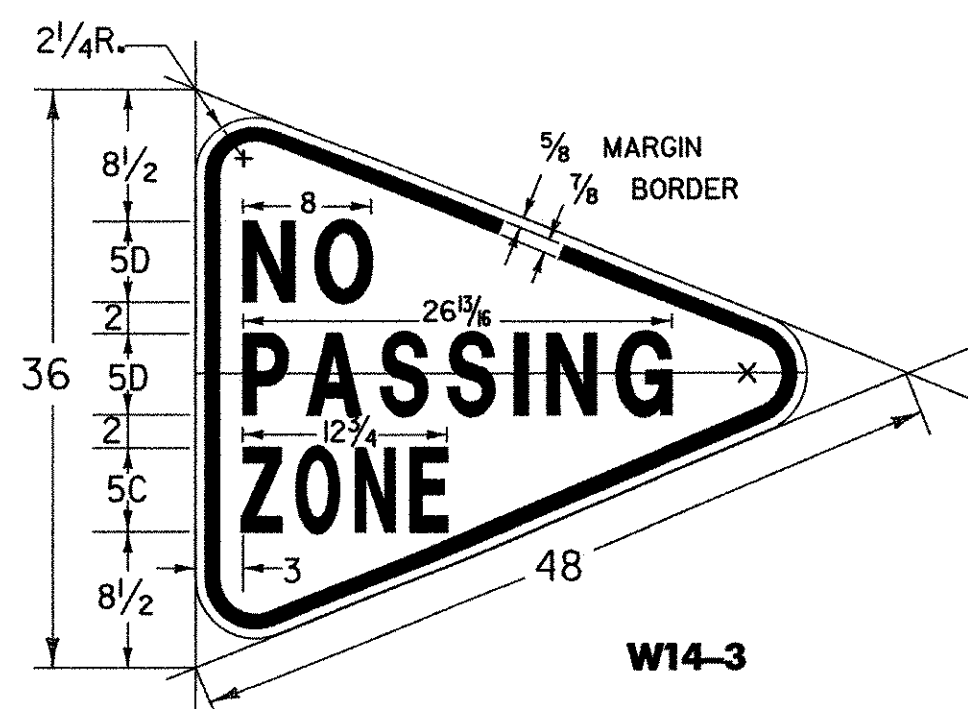
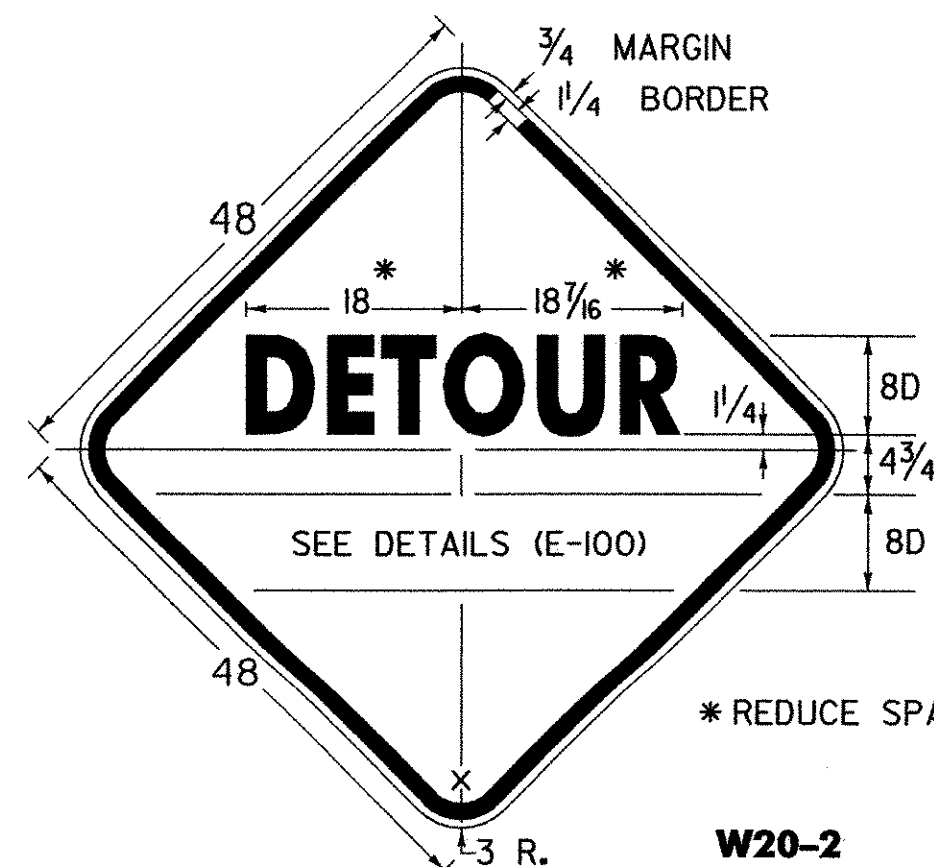


\*XX\* DENOTES ADVISORY SPEED AS SHOWN ON THE PLANS

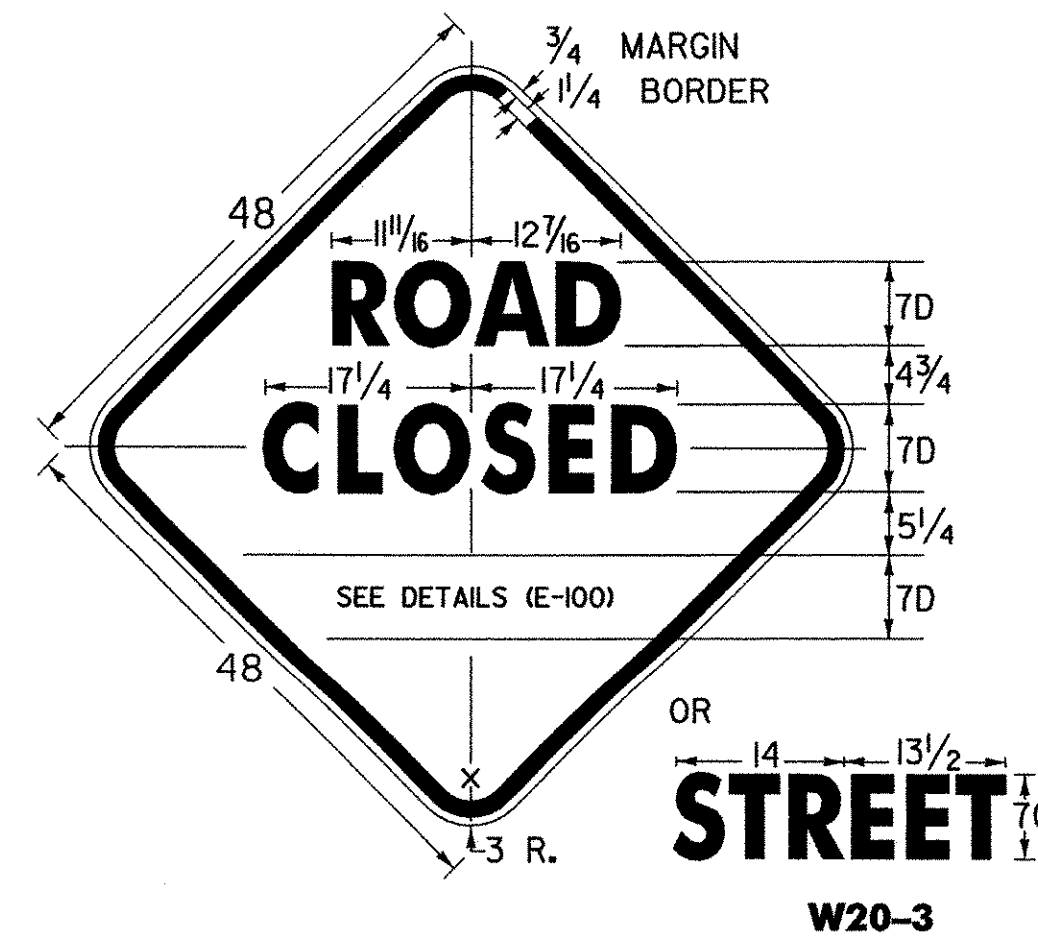
W13-1



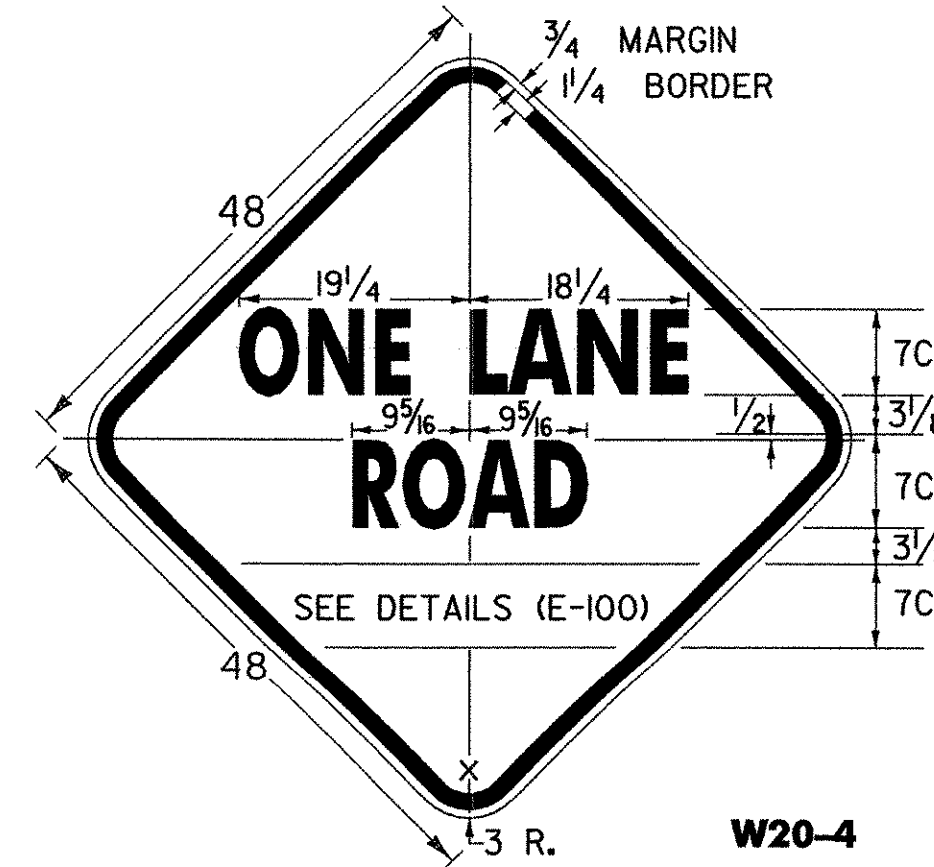
W14-3



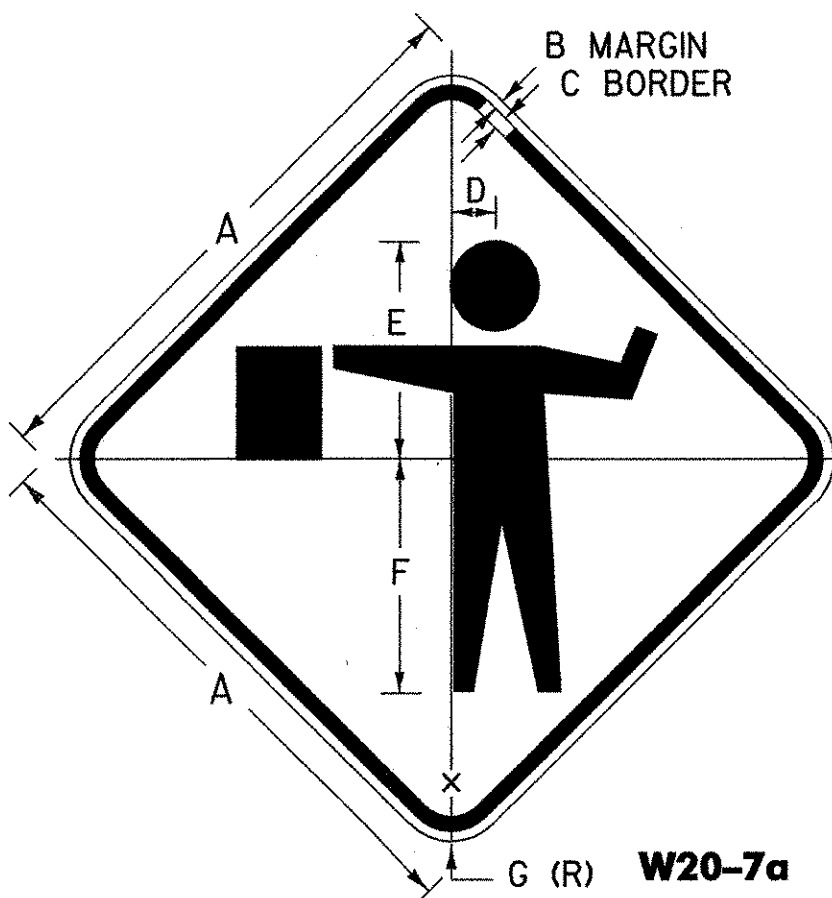
W20-2



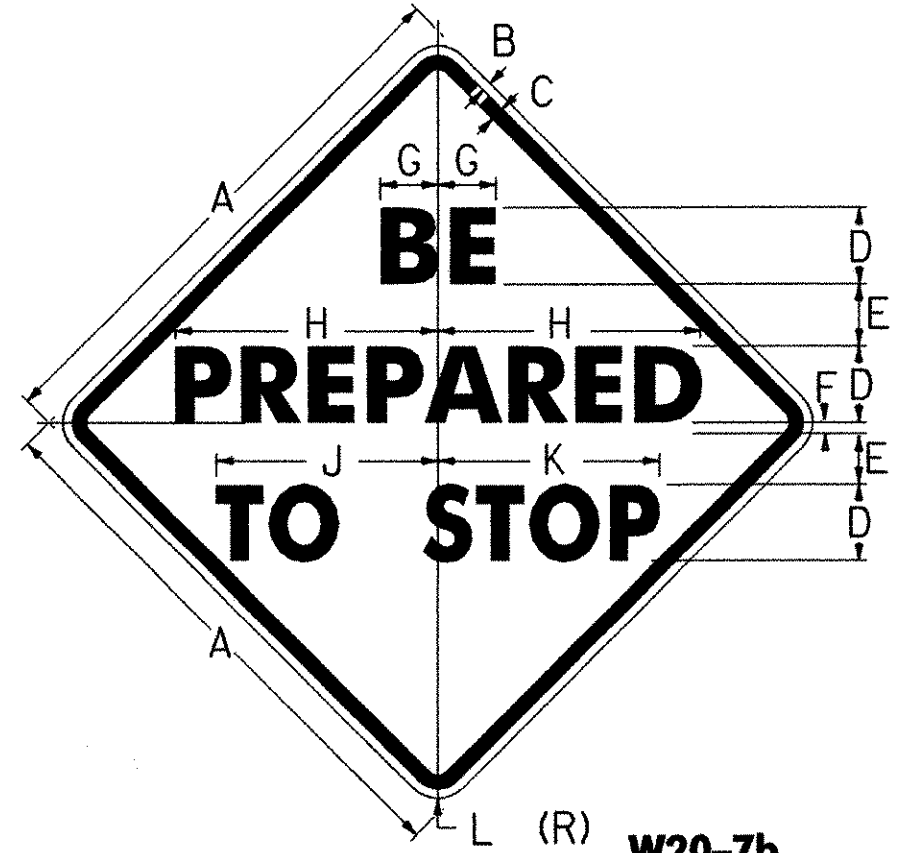
W20-3



W20-4



W20-7a

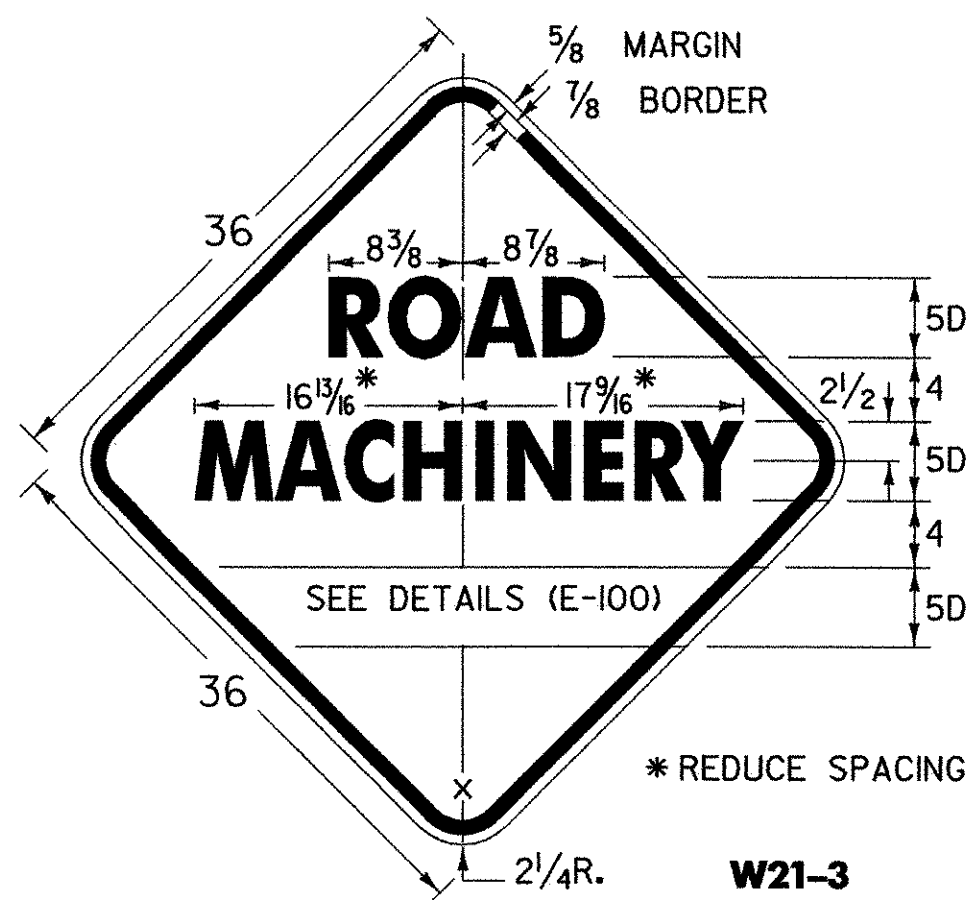


W20-7b

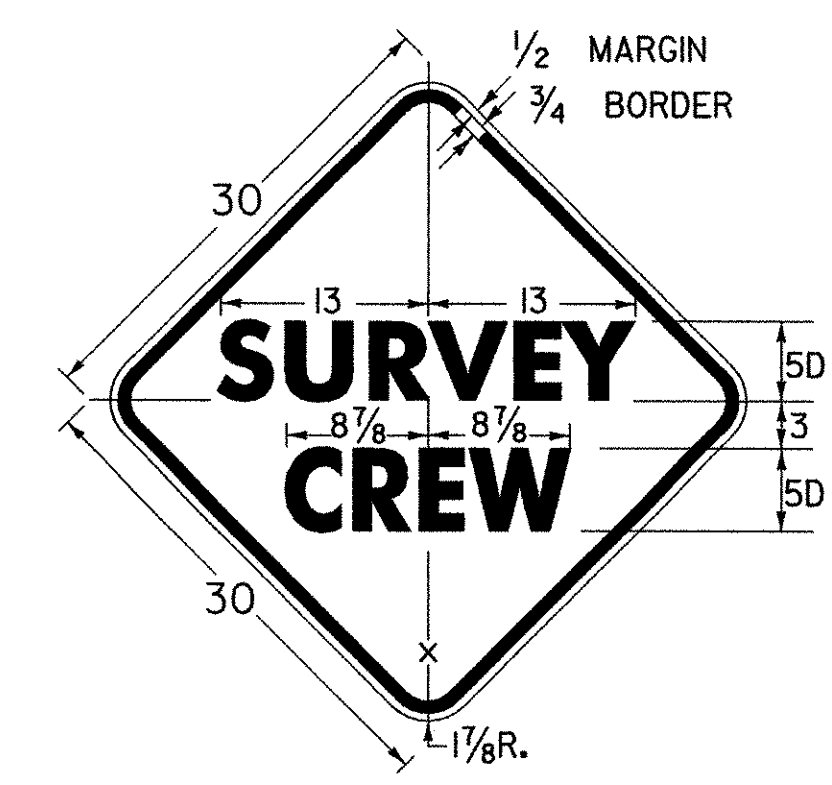
COLORS:  
BLACK BORDER AND TEXT (NON RETRORFL.)  
ORANGE BACKGROUND (RETRORFL.)

W3-4

COLORS:  
BLACK BORDER AND TEXT (NON RETRORFL.)  
YELLOW BACKGROUND (RETRORFL.)

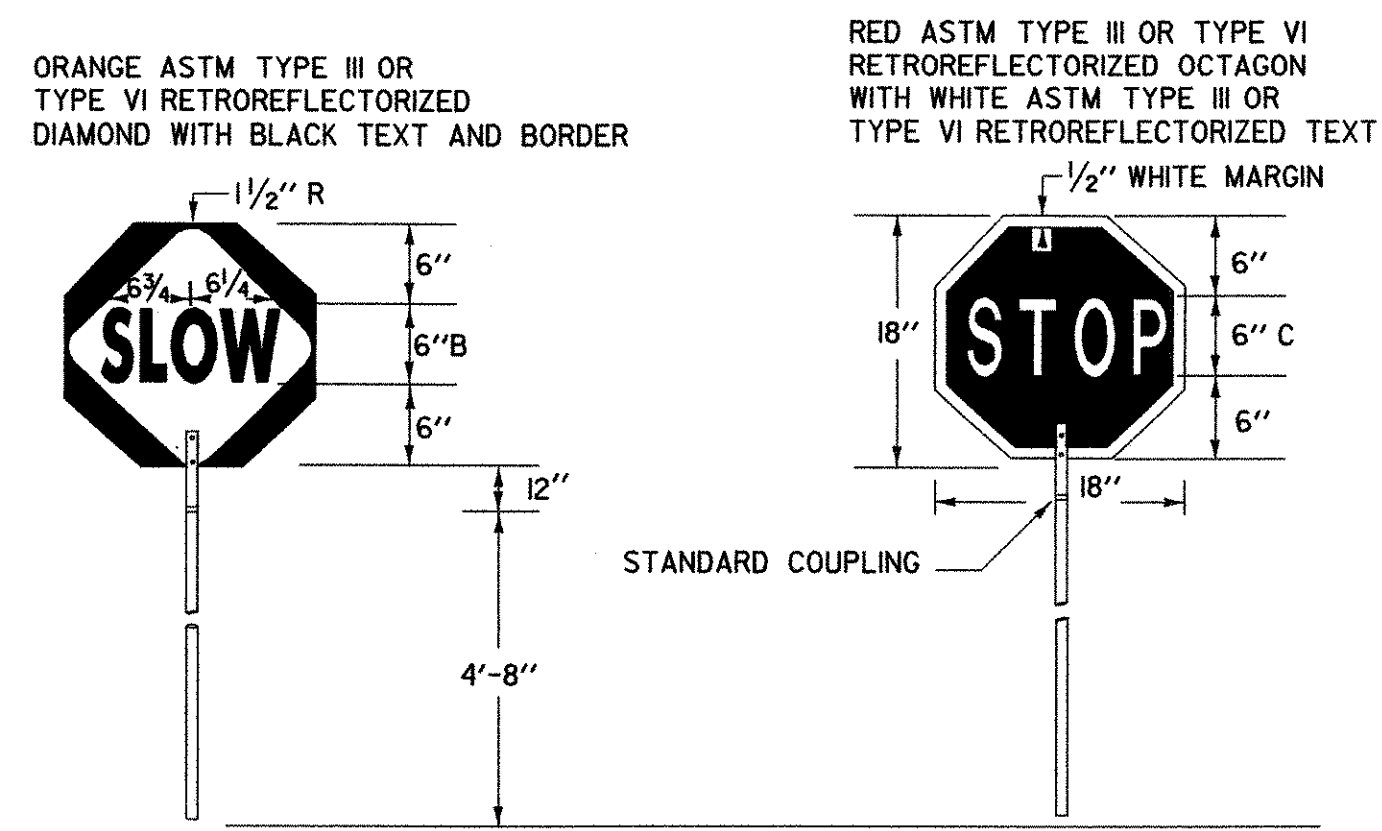


W21-3

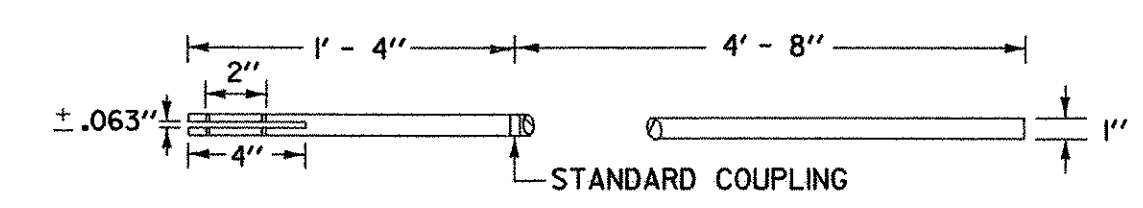


W21-6

**SIGN PADDLE FOR FLAGPERSON**



**SIGN DETAIL**



**STAFF DETAIL**

**MATERIALS**  
THE SIGN MATERIALS SHALL BE 0.063" ALUMINUM WITH COLORS AS INDICATED ON DETAILS.  
THE STAFF SHALL BE 3/4" TO 1 1/4" DIAMETER RIGID ALUMINUM CONDUIT/TUBING WITH A WALL THICKNESS OF 0.125", OR 1" TO 1 1/2" DIAMETER RIGID PVC CONDUIT/TUBING WITH 0.125" WALL THICKNESS

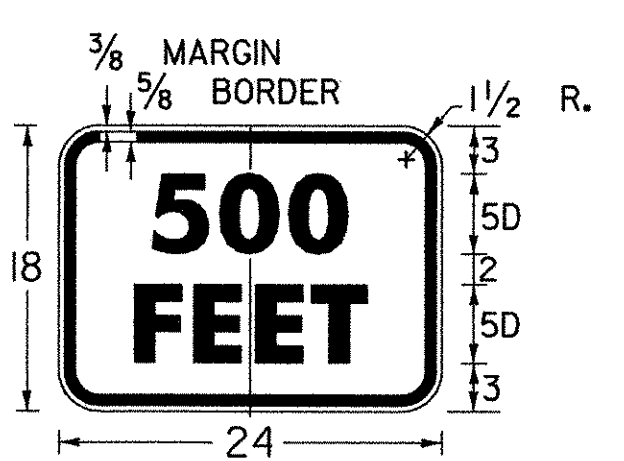
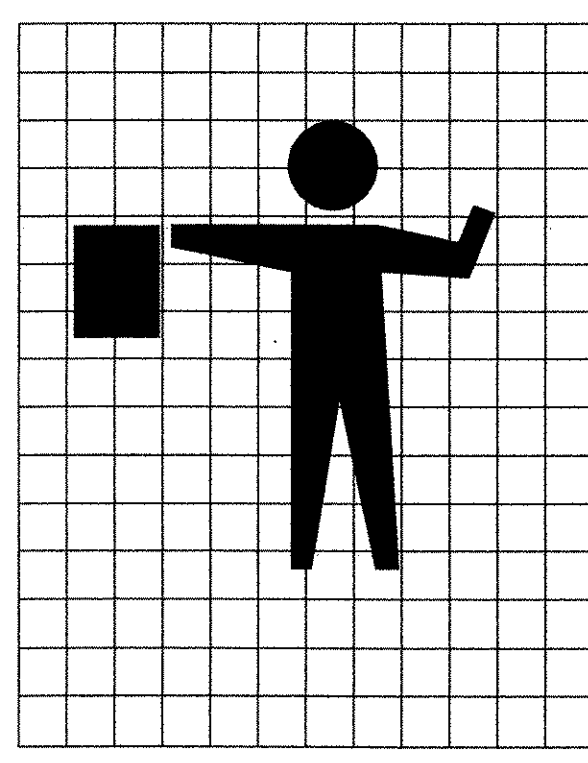
**MOUNTING**  
THE STAFF SHALL BE MOUNTED WITH EITHER TWO 1/4" DIAMETER ALUMINUM BOLTS OR TWO 1/4" DIAMETER ALUMINUM RIVETS.

**NOTES**

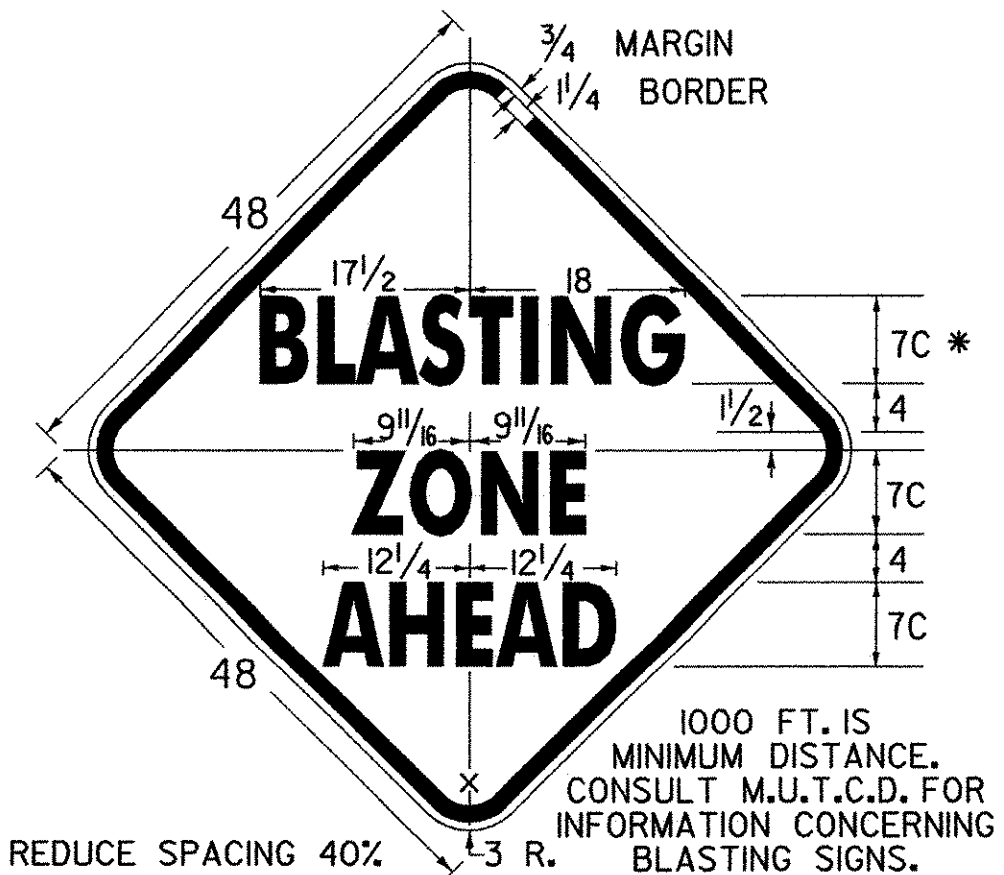
SEE STANDARD SHEET E-100 FOR NOTES AND TEXT DETAILS. COLORS FOR SIGNS SHOWN ON THIS SHEET SHALL BE BLACK TEXT, BORDER AND SYMBOLS ON ASTM TYPE III OR TYPE VI RETROREFLECTORIZED ORANGE BACKGROUND, UNLESS OTHERWISE NOTED. SIGN DETAILS INDICATE THE APPROPRIATE COLOR.

SIGN	A	B	C	D	E	F	G
STD.	36	3/8	7/8	2 3/4	13 1/2	14 5/8	2 1/4
FWY.	48	3/4	1 1/4	3 3/4	18	19 1/2	3

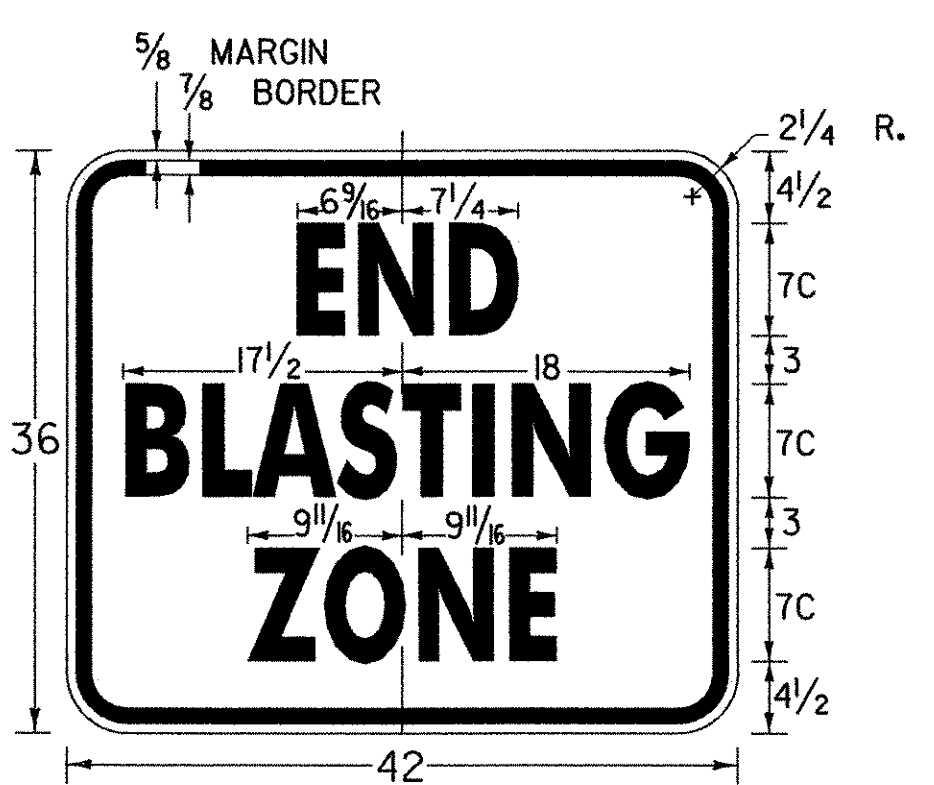
SIGN	A	B	C	D	E	F	G	H	J	K	L
MIN.	36	5/8	7/8	6C	3 5/8	7/8	3 3/4	16 3/8	13	13 3/8	2 1/4
STD.	48	3/4	1 1/4	8C	4 7/8	1 1/4	5	21 7/8	17 3/8	18 1/2	3
EXPWY.	60	3/4	1 1/4	9C	5 7/8	1 3/8	5 5/8	24 9/8	19 3/8	20 1/4	3



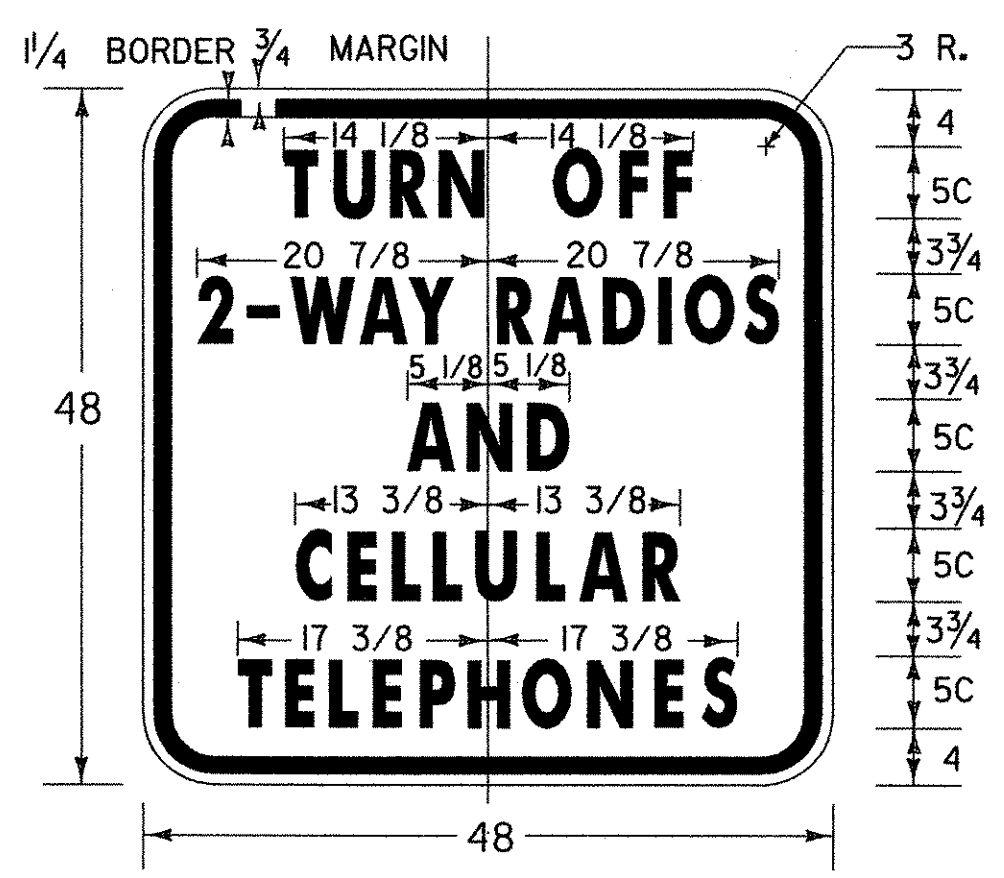
W16-2a



W22-1



W22-3



VW22-1

**REVISIONS AND CORRECTIONS**

- OCT. 30, 1987 - DATE OF ORIGINAL ISSUE
- JAN. 23, 1989 - DELETE MOTORCYCLE SYMBOL SIGN AND SPEED SIGN, ADDED TWO SIGNS
- OCT. 21, 1992 - ADDED A SIGN, REVISED A SIGN DIMENSION & TYPE ERROR & REVISED TITLE BLOCK
- AUG. 08, 1995 - ADDED FLAGGER GRID
- JUNE 30, 2003 - CHANGED REFLECTIVE SHEETING TO ASTM TYPE III OR TYPE VI CHANGED TEXT ON W20-7b SIGN

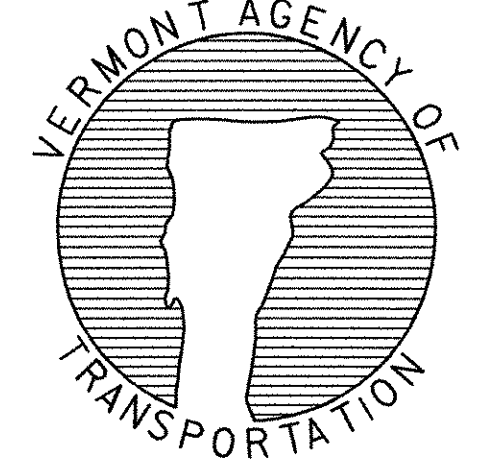
**APPROVED**

*David J. [Signature]*  
DIRECTOR OF PROGRAM DEVELOPMENT

*John K. [Signature]*  
TRAFFIC OPERATIONS ENGINEER

*[Signature]*  
FEDERAL HIGHWAY ADMINISTRATION

**CONSTRUCTION SIGN DETAILS**



**STANDARD E-102**

**OTHER STDS. E-100 REQUIRED:**

NOTE: ALL DIMENSIONS SHOWN IN INCHES EXCEPT WHERE NOTED