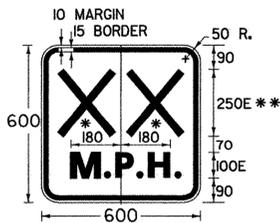
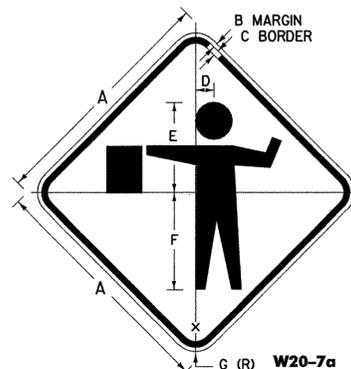


* INCREASE SPACING 100%
 ** OPTICALLY SPACE NUMERALS ABOUT VERTICAL CENTERLINE



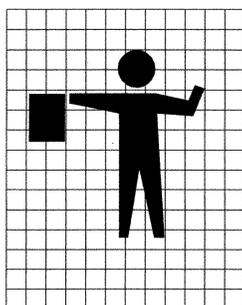
**X* DENOTES ADVISORY SPEED AS SHOWN ON THE PLANS

W13-1

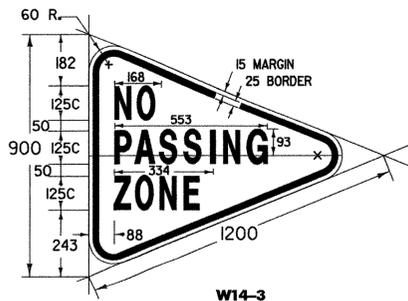


W20-7a

SIGN	DIMENSIONS (mm)						
	A	B	C	D	E	F	G
STD.	900	15	25	70	335	365	60
FWY.	1200	20	30	95	450	485	70



W16-2a



W14-3



W20-7b

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

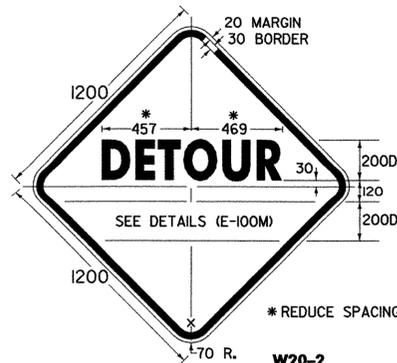
COLORS:
 BLACK BORDER AND TEXT (NON RETRORFL.)
 YELLOW BACKGROUND (RETRORFL.)

SIGN	DIMENSIONS (MM)										
	A	B	C	D	E	F	G	H	J	K	L
MIN.	900	15	25	150C	90	23	93	410	327	346	60
STD.	1200	20	30	200C	120	30	124	546	435	462	70
EXPWY.	1500	20	30	225C	135	35	139	614	486	505	70

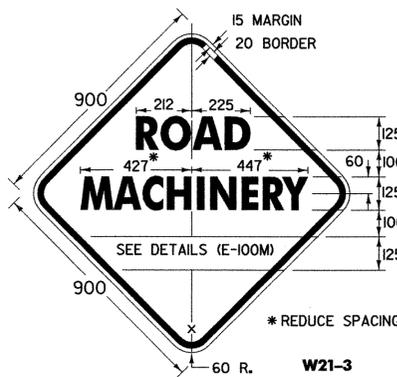


W22-1

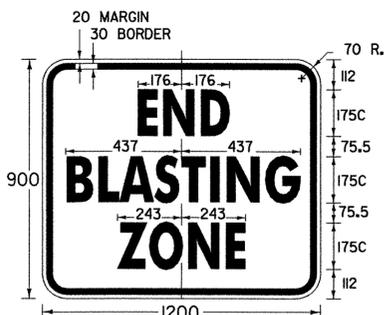
*1000 FT. IS THE MINIMUM DISTANCE FOR SIGN LEGEND. CONSULT THE MUTCD FOR INFORMATION CONCERNING BLASTING SIGNS.



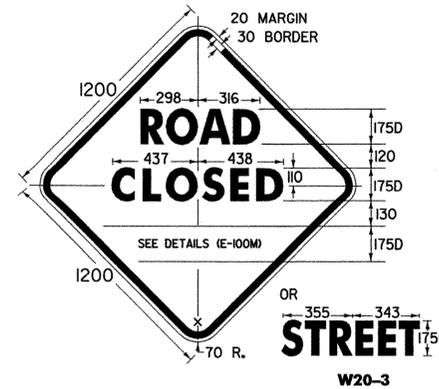
W20-2



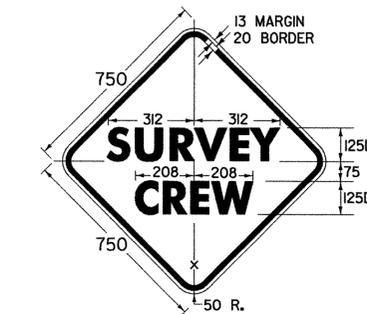
W21-3



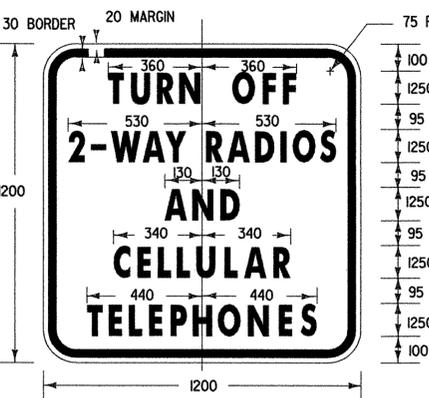
W22-3



W20-3



W21-6



W22-1



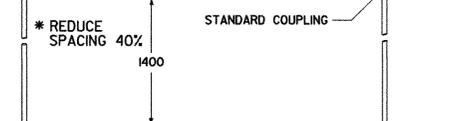
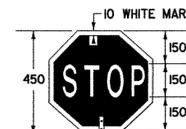
W20-4

SIGN PADDLE FOR FLAGPERSON

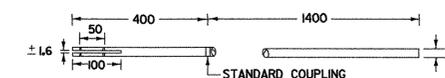
ORANGE ASTM TYPE III OR TYPE VI RETROREFLECTORIZED DIAMOND WITH BLACK TEXT AND BORDER



RED ASTM TYPE III OR TYPE VI RETROREFLECTORIZED OCTAGON WITH WHITE ASTM TYPE III OR TYPE VI RETROREFLECTORIZED TEXT



SIGN DETAIL



STAFF DETAIL

MATERIALS
 THE SIGN MATERIALS SHALL BE 1.6-mm ALUMINUM WITH COLORS AS INDICATED ON DETAILS.
 THE STAFF SHALL BE DN21 TO DN35 RIGID ALUMINUM CONDUIT/TUBING WITH A WALL THICKNESS OF 3.18 mm, OR DN27 TO DN41 RIGID PVC CONDUIT/TUBING WITH A 3.18-mm WALL THICKNESS.

MOUNTING
 THE STAFF SHALL BE MOUNTED WITH EITHER TWO M6 x 1 ALUMINUM BOLTS OR TWO M6 ALUMINUM RIVETS.

NOTES

SEE STANDARD SHEET E-100M 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 RETROREFLECTIVE ORANGE BACKGROUND, UNLESS OTHERWISE NOTED.

OTHER STDS. E-100M REQUIRED:

NOTE: ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT WHERE NOTED.

REVISIONS AND CORRECTIONS

JUNE 13, 1997 - ORIGINAL APPROVAL DATE
 JUNE 30, 2003 - CHANGED REFLECTIVE SHEETING TO ASTM TYPE III OR TYPE VI CHANGED TEXT ON W20-7b SIGN

APPROVED

[Signature]
 DIRECTOR OF PROGRAM DEVELOPMENT
[Signature]
 TRAFFIC OPERATIONS ENGINEER
[Signature]
 FEDERAL HIGHWAY ADMINISTRATION

CONSTRUCTION SIGN DETAILS



Metric STANDARD E-102M