

2009 Edition MUTCD Sign Sizes for Road Types

Part 6F - Temporary Traffic Control Signs & Plaques

Minimum MUTCD Compliant Sign & Plaque Sizes for Road Types Conventional ¹ Multi-Lane Expressway Freeway Oversized for Enhanced Conspicuity Low Volume for 30 MPH or less	R1 Series R1-1 30 x 30* 36 x 36+ 48 x 48+ 48 x 48+ R1-2 36 x 36 x 36* 48 x 48 x 48+ 60 x 60 x 60+ 30 x 30 x 30 R1-2aP 36 x 30 48 x 36 24 x 18 R1-7 24 x 30 24 x 30 R1-8 24 x 30 24 x 30	 STOP R1-1 18 x 18 SLOW W20-7a 18 x 18	R2 Series R2-1 24 x 30* 30 x 36+ 36 x 48 48 x 60+ 30 x 36+ R2-6P 24 x 18 36 x 24 48 x 36+ 36 x 24+ R2-6aP 24 x 18 36 x 24 48 x 36+ 36 x 24+ R2-6bP 24 x 18 36 x 24 48 x 36+ 36 x 24+ R2-10 24 x 30 36 x 48 48 x 60+ 36 x 48+ R2-11 24 x 30 36 x 48 48 x 60+ 36 x 48+ R2-12 24 x 36 36 x 48 48 x 60+ 36 x 54			
¹ Conventional Roads include Single and Multi-Lane Roads. * Denotes there is a different minimum size required for multi-lane roads from Table 2B-1. + Denotes sizes from Table 2B-1 not listed for road types in Table 6F-1.	R3 Series R3-1 24 x 24* 36 x 36+ 48 x 48+ 36 x 36 48 x 48+ R3-2 24 x 24* 36 x 36+ 48 x 48+ 36 x 36 48 x 48+ R3-3 24 x 24* 36 x 36+ 48 x 48+ 36 x 36 48 x 48+ R3-4 24 x 24* 36 x 36+ 48 x 48+ 36 x 36 48 x 48+ R3-5(L/R) 30 x 36 R3-6(L/R) 30 x 36 R3-7(L/R) 30 x 30* 36 x 36+ R3-8(L/R) varies x 30 varies x 36+	R4 Series R4-1 24 x 30 36 x 48 48 x 60+ 18 x 24* R4-2 24 x 30 36 x 48 48 x 60+ 18 x 24* R4-7 24 x 30 36 x 48 48 x 60+ 18 x 24* R4-7c 18 x 30 R4-9 24 x 30 36 x 48 48 x 60+ 18 x 24*				
R5 Series R5-1 30 x 30* 36 x 36+ 48 x 48+ 36 x 36+ R5-1a 36 x 24* 42 x 30+ 42 x 30 42 x 30+ 30 x 18+	R6 Series R6-1(L/R) 36 x 12* 54 x 18+ 54 x 18+ 54 x 18+ R6-2(L/R) 24 x 30* 30 x 36+ 36 x 48+ 48 x 60+ 36 x 48+ 18 x 24+	R8 Series R8-3 24 x 24 30 x 30+ 36 x 36+ 48 x 48+ 36 x 36+ 12 x 12+	R9 Series R9-8 36 x 18 R9-9 24 x 12 R9-10(L/R) 24 x 12 R9-11(L/R) 24 x 18 R9-11a(L/R) 24 x 12	R11 Series R11-2 48 x 30 R11-3a 60 x 30 R11-3b 60 x 30 R11-4 60 x 30	R12 Series R12-1 24 x 30 36 x 48 36 x 48 36 x 48+ R12-2 24 x 30 36 x 48 36 x 48 36 x 48+ R12-5 24 x 36 36 x 48 48 x 60+	
W1 Series W1-1(L/R) 36 x 36 48 x 48 48 x 48 30 x 30 W1-2(L/R) 36 x 36 48 x 48 48 x 48 30 x 30 W1-3(L/R) 36 x 36 48 x 48 48 x 48 30 x 30 W1-4(L/R) 36 x 36 48 x 48 48 x 48 30 x 30 W1-4b(L/R) 36 x 36 48 x 48 48 x 48 30 x 30 W1-4c(L/R) 36 x 36 48 x 48 48 x 48 30 x 30 W1-6 60 x 30 60 x 30 36 x 18 W1-7 60 x 30 60 x 30 36 x 18 W1-8 18 x 24 30 x 36 30 x 36	W3 Series W3-1 36 x 36 48 x 48 48 x 48 30 x 30 W3-2 36 x 36 48 x 48 48 x 48 30 x 30 W3-3 36 x 36 48 x 48 48 x 48 30 x 30 W3-4 36 x 36 48 x 48 48 x 48 30 x 30 W3-5 36 x 36 48 x 48 48 x 48 30 x 30 W3-5a 36 x 36 48 x 48 48 x 48 30 x 30					
W4 Series W4-1(L/R) 36 x 36 48 x 48 48 x 48 30 x 30 W4-2(L/R) 36 x 36 48 x 48 48 x 48 30 x 30 W4-3(L/R) 36 x 36 48 x 48 48 x 48 30 x 30 W4-5 36 x 36 48 x 48 48 x 48 30 x 30 W4-5P 24 x 30 24 x 30 48 x 48 30 x 30 W4-6(L/R) 36 x 36 48 x 48 48 x 48 30 x 30	W5 Series W5-1 36 x 36 48 x 48 48 x 48 30 x 30 W5-2 36 x 36 48 x 48 48 x 48 30 x 30 W5-3 36 x 36 48 x 48 48 x 48 30 x 30 W5-4 36 x 36 48 x 48 48 x 48 30 x 30	W6 Series W6-1 36 x 36 48 x 48 48 x 48 30 x 30 W6-2 36 x 36 48 x 48 48 x 48 30 x 30 W6-3 36 x 36 48 x 48 48 x 48 30 x 30 W6-4 12 x 18 12 x 18				
W7 Series W7-1 36 x 36 48 x 48 48 x 48 30 x 30 W7-3aP 24 x 18 36 x 30 36 x 30	W8 Series W8-1 36 x 36 48 x 48 48 x 48 30 x 30 W8-2 36 x 36 48 x 48 48 x 48 30 x 30 W8-3 36 x 36 48 x 48 48 x 48 30 x 30 W8-4 36 x 36 48 x 48 48 x 48 30 x 30 W8-5 36 x 36 48 x 48 48 x 48 30 x 30 W8-6 36 x 36 48 x 48 48 x 48 30 x 30 W8-7 36 x 36 48 x 48 48 x 48 30 x 30 W8-8 36 x 36 48 x 48 48 x 48 30 x 30 W8-9 36 x 36 48 x 48 48 x 48 30 x 30					
W8 Series (continued) W8-11 36 x 36 48 x 48 48 x 48 30 x 30 W8-12 36 x 36 48 x 48 48 x 48 30 x 30 W8-14 36 x 36 48 x 48 48 x 48 30 x 30 W8-15 36 x 36 48 x 48 48 x 48 30 x 30 W8-15P 24 x 18 30 x 24 30 x 24 W8-17(L/R) 36 x 36 48 x 48 48 x 48 30 x 30 W8-17P 24 x 18 30 x 24 30 x 24 W8-18 36 x 36 48 x 48 48 x 48 24 x 24 W8-23 36 x 36 48 x 48 48 x 48 30 x 30 W8-24 36 x 36 48 x 48 48 x 48 30 x 30 W8-25 36 x 36 48 x 48 48 x 48 30 x 30	W9 Series W9-1(L/R) 36 x 36 48 x 48 48 x 48 30 x 30 W9-2(L/R) 36 x 36 48 x 48 48 x 48 30 x 30 W9-3(L/R) 36 x 36 48 x 48 48 x 48 30 x 30					
W10 Series W10-1 36 Diameter	W11 Series W11-10 36 x 36 48 x 48 48 x 48 30 x 30	W12 Series W12-1 30 x 30 W12-2 36 x 36 48 x 48 48 x 48 30 x 30	W13 Series W13-1P 24 x 24 30 x 30 30 x 30 18 x 18 W13-4P 36 x 36 36 x 36 36 x 36	W14 Series W14-3 48 x 48 x 36 64 x 64 x 48 64 x 64 x 48 40 x 40 x 30	W16 Series W16-2P 24 x 18 30 x 24 30 x 24 W16-8P 24 x 8 30 x 8 48 x 8 W16-8aP 24 x 15 30 x 15 48 x 15 W16-8P & W16-8aP for use with M4 Series Detour signs of equal widths.	W20 Series W20-1 36 x 36 48 x 48 48 x 48 30 x 30 W20-2 36 x 36 48 x 48 48 x 48 30 x 30 W20-3 36 x 36 48 x 48 48 x 48 30 x 30
W20 Series (continued) W20-4 36 x 36 48 x 48 48 x 48 30 x 30 W20-5(L/R) 36 x 36 48 x 48 48 x 48 30 x 30 W20-5a(L/R) 36 x 36 48 x 48 48 x 48 30 x 30 W20-7 36 x 36 48 x 48 48 x 48 30 x 30 W20-7a 36 x 36 48 x 48 48 x 48 30 x 30	W21 Series W21-1 36 x 36 48 x 48 48 x 48 30 x 30 W21-1a 36 x 36 48 x 48 48 x 48 30 x 30 W21-2 36 x 36 48 x 48 48 x 48 30 x 30 W21-2 36 x 36 48 x 48 48 x 48 30 x 30 W21-3 36 x 36 48 x 48 48 x 48 30 x 30 W21-4 36 x 36 48 x 48 48 x 48 30 x 30 W21-5 36 x 36 48 x 48 48 x 48 30 x 30 W21-5a 36 x 36 48 x 48 48 x 48 30 x 30 W21-5b 36 x 36 48 x 48 48 x 48 30 x 30 W21-6 36 x 36 48 x 48 48 x 48 30 x 30 W21-7 36 x 36 48 x 48 48 x 48 30 x 30 W21-8 36 x 36 48 x 48 48 x 48 30 x 30					
W22 Series W22-1 36 x 36 48 x 48 48 x 48 30 x 30 W22-2 42 x 36 42 x 36 42 x 36 36 x 30 W22-3 42 x 36 42 x 36 42 x 36 36 x 30	W23 Series W23-1 48 x 24 48 x 24 48 x 24 W23-2 36 x 36 48 x 48 48 x 48 30 x 30	W24 Series W24-1 36 x 36 48 x 48 48 x 48 30 x 30 W24-1a 36 x 36 48 x 48 48 x 48 30 x 30 W24-1b 36 x 36 48 x 48 48 x 48 30 x 30 W24-1cP 24 x 24 30 x 30 30 x 30	G20 Series G20-1 36 x 18 48 x 24 48 x 24 G20-2 36 x 18 48 x 24 48 x 24 G20-4 36 x 18 G20-5aP 24 x 18 36 x 24 36 x 24			
E5 Series E5-2 48 x 36 48 x 36 48 x 36 E5-2a 48 x 36 48 x 36 48 x 36 E5-3 48 x 36 48 x 36 48 x 36	M4 Series M4-8 24 x 12 30 x 15 30 x 15 M4-8a 24 x 18 24 x 18 24 x 18 M4-8b 24 x 12 24 x 12 24 x 12 M4-9 30 x 24 48 x 36 48 x 36 M4-9a(L/R) 30 x 24 M4-9b(L/R) 30 x 24 M4-9c(L/R) 30 x 24 M4-10(L/R) 48 x 18					

Roadway Type Definitions
from 2009 MUTCD Sec. 1A.13

77. Freeway—a divided highway with full control of access.

123. Multi-Lane—More than one lane moving in the same direction. A multi-lane street, highway, or roadway has a basic cross-section comprised of two or more through lanes in one or both directions. A multi-lane approach has two or more lanes moving toward the intersection, including turning lanes.

135. Pathway—A general term denoting a public way for purposes of travel by authorized users outside the traveled way and physically separated from the roadway by an open space or barrier and either within the highway right-of-way or within an independent alignment. Pathways include shared-use paths, but do not include sidewalks.

191. Shared-Use Path—A bikeway outside the traveled way and physically separated from motorized vehicular traffic by an open space or barrier and either within the highway right-of-way or within an independent alignment. Shared-use paths are also used by pedestrians (including skaters, users of manual and motorized wheelchairs, and joggers) and other authorized motorized and non-motorized users.

Low Volume Road Definitions
from 2009 MUTCD Section 5A.01

A. A low-volume road shall be a facility lying outside of built-up areas of cities, towns, and communities, and it shall have a traffic volume of less than 400 AADT.

B. A low-volume road shall not be a freeway, an expressway, an interchange ramp, a freeway service road, a road on a designated State highway system, or a residential street in a neighborhood. In terms of highway classification, it shall be a variation of a conventional road or a special purpose road as defined in Section 1A.13.

C. A low-volume road shall be classified as either paved or unpaved.

Support: Low-volume roads typically include farm-to-market, recreational, resource management and development, and local roads.

Part 2D - Auxiliary Signs for Temporary Traffic Control

M2 Series M2-1 21 x 15 30 x 21 21 x 15	M3 Series M3-1 24 x 12 36 x 18 24 x 12 M3-2 24 x 12 36 x 18 24 x 12 M3-3 24 x 12 36 x 18 24 x 12 M3-4 24 x 12 36 x 18 24 x 12	M4 Series M4-1 24 x 12 36 x 18 24 x 12 M4-1a 24 x 12 36 x 18 24 x 12 M4-2 24 x 12 36 x 18 24 x 12 M4-3 24 x 12 36 x 18 24 x 12 M4-4 24 x 12 36 x 18 24 x 12 M4-5 24 x 12 36 x 18 24 x 12 M4-6 24 x 12 36 x 18 24 x 12 M4-7 24 x 12 36 x 18 24 x 12 M4-7a 24 x 12 36 x 18 24 x 12 M4-14 24 x 12 36 x 18 24 x 12
M5 Series M5-1(L/R) 21 x 15 21 x 15 M5-2(L/R) 21 x 15 21 x 15 M5-3(L/R) 21 x 15 21 x 15 M5-4 24 x 18 36 x 24 24 x 18 M5-5 24 x 18 36 x 24 24 x 18 M5-6 24 x 18 36 x 24 24 x 18	M6 Series M6-1 21 x 15 30 x 21 21 x 15 M6-2(L/R) 21 x 15 30 x 21 21 x 15 M6-2a(L/R) 21 x 15 30 x 21 21 x 15 M6-3 21 x 15 30 x 21 21 x 15 M6-4 21 x 15 30 x 21 21 x 15 M6-5(L/R) 21 x 15 30 x 21 21 x 15 M6-6(L/R) 21 x 15 30 x 21 21 x 15 M6-7(L/R) 21 x 15 30 x 21 21 x 15	