

Part 9 - Bicycle Facilities

Minimum MUTCD Compliant Sign & Plaque Sizes for Road Types Shared-Use Path Roadway		R1 Series R1-1 18 x 18 30 x 30 R1-2 18 x 18 x 18 30 x 30 x 30	R3 Series R3-17 24 x 18 R3-17aP 24 x 8 R3-17bP 24 x 8	W1 Series W1-1(L/R) 18 x 18 24 x 24 W1-2(L/R) 18 x 18 24 x 24 W1-3(L/R) 18 x 18 24 x 24 W1-4(L/R) 18 x 18 24 x 24 W1-5(L/R) 18 x 18 24 x 24 W1-6 24 x 12 36 x 18 W1-7 24 x 12 36 x 18	W7 Series W7-5 18 x 18 30 x 30
R4 Series R4-1 12 x 18 18 x 24 R4-2 12 x 18 18 x 24 R4-3 12 x 18 18 x 24 R4-7 12 x 18 18 x 24 R4-16 12 x 18 18 x 24 R4-4 36 x 30 R4-11 30 x 30	W2 Series W2-1 18 x 18 24 x 24 W2-2 18 x 18 24 x 24 W2-3(L/R) 18 x 18 24 x 24 W2-4 18 x 18 24 x 24 W2-5 18 x 18 24 x 24 W5 Series W5-2 18 x 18 30 x 30 W5-4a 18 x 18				
R5 Series R5-1B 12 x 18 12 x 18 R5-3 24 x 24 24 x 24 R5-6 18 x 18 24 x 24 R7 Series R7-9 12 x 18 12 x 18 R7-9a 12 x 18 12 x 18	R15 Series R15-1 24 x 4.5 48 x 9 R15-2P 13.5 x 9 27 x 18 R15-8 18 x 9 36 x 18	W8 Series W8-1 18 x 18 24 x 24 W8-2 18 x 18 24 x 24 W8-3 18 x 18 30 x 30 W8-10 18 x 18 30 x 30 W8-10P 12 x 9 12 x 9 W12 Series W12-2 18 x 18 30 x 30 W15 Series W15-1 18 x 18 24 x 24			
R10 Series R10-4 9 x 12 9 x 12 R10-22 12 x 18 12 x 18 R10-24 9 x 15 9 x 15 R10-25 9 x 12 9 x 12 R10-26 9 x 15 9 x 15	W3 Series W3-1 18 x 18 30 x 30 W3-2 18 x 18 30 x 30 W3-3 18 x 18 30 x 30 W16 Series W16-1P 18 x 24 W16-2P 18 x 12 24 x 18 W16-2aP 18 x 9 24 x 12 W16-7P 24 x 12 W16-9P 24 x 12				
R9 Series R9-3 18 x 18 18 x 18 R9-3CP 12 x 12 12 x 12 R9-5 12 x 18 12 x 18 R9-6 12 x 18 12 x 18 R9-7 12 x 18 12 x 18 R9-13 18 x 18 18 x 18 R9-14 18 x 18 18 x 18	W10 Series W10-1 24 Diameter 36 Diameter W10-9P 18 x 12 30 x 24 W10-12 18 x 18 36 x 36 W11 Series W11-1 18 x 18 24 x 24 W11-2 18 x 18 24 x 24 W11-15 18 x 18 30 x 30 W11-15P 18 x 12 24 x 18				
D1 Series D1-1 varies x 6 varies x 18 D1-1a varies x 6 varies x 18 D1-1b varies x 6 varies x 6 D1-1c varies x 6 varies x 6 D1-2 varies x 12 varies x 30 D1-2a varies x 12 varies x 30 D1-2b varies x 12 varies x 12 D1-2c varies x 12 varies x 12 D1-3 varies x 18 varies x 42 D1-3a varies x 18 varies x 42 D1-3b varies x 18 varies x 18 D1-3c varies x 18 varies x 18	M1 Series M1-8 12 x 18 18 x 24 M1-8a 12 x 18 18 x 24 M1-9 12 x 18 18 x 24 OM3 Series OM3-L/R/C 6 x 18 12 x 36				
D11 Series D11-1 24 x 18 24 x 18 D11-1c 24 x 18 24 x 18 D11-1bP 18 x 6 D11-1a 18 x 18 18 x 18 D11-2 18 x 18 18 x 18 D11-3 18 x 18 18 x 18 D11-4 18 x 18 18 x 18	D3 Series D3-1 varies x 6 varies x 8	M2 Series M2-1 12 x 6 12 x 6 M3 Series M3-1 12 x 6 12 x 6 M3-2 12 x 6 12 x 6 M3-3 12 x 6 12 x 6 M3-4 12 x 6 12 x 6 M4 Series M4-1 12 x 6 12 x 6 M4-1a 12 x 6 12 x 6 M4-2 12 x 6 12 x 6 M4-3 12 x 6 12 x 6 M4-5 12 x 6 12 x 6 M4-6 12 x 6 12 x 6 M4-7 12 x 6 12 x 6 M4-7a 12 x 6 12 x 6 M4-8 12 x 6 12 x 6 M4-14 12 x 6 12 x 6	M5 Series M5-1(L/R) 12 x 9 12 x 9 M5-2(L/R) 12 x 9 12 x 9		
D10 Series D10-1 6 x 12 10 x 18 D10-1a 6 x 18 10 x 27 D10-2 6 x 18 10 x 27 D10-2a 6 x 24 10 x 36 D10-3 6 x 24 10 x 36 D10-3a 6 x 30 10 x 48	D4 Series D4-3 12 x 18 12 x 18	M6 Series M6-1 12 x 9 12 x 9 M6-2(L/R) 12 x 9 12 x 9 M6-3 12 x 9 12 x 9 M6-4 12 x 9 12 x 9 M6-5(L/R) 12 x 9 12 x 9 M6-6(L/R) 12 x 9 12 x 9 M6-7(L/R) 12 x 9 12 x 9			

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.