

W9-5a: Bicycles Merging

- A is the length of each edge of the sign.
- B is the inset from the edge of the sign to the border.
- C is the border width.
- D is the height of the bicycle symbol.
- E is the distance from the horizontal center of the sign to the bottom of the bicycle symbol.
- F is the distance from the horizontal center of the sign to the top of the second line.
- G is the letter height and FHWA standard font for the second line.
- H is the distance from the vertical center of the sign to the left edge of the bicycle symbol.
- J is the distance from the vertical center of the sign to the right edge of the bicycle symbol.
- K is the distance from the vertical center of the sign to the left edge of the word on the second line.
- L is the distance from the vertical center of the sign to the right edge of the word on the second line.
- M is the corner radius.

W9-5a Bicycles Merging

Layout & Engineering Reference · MUTCDSignChart.com



Standard Dimensions

Width (W)	36"
Height (H)	36"
Shape	Diamond
Minimum size	48" × 48" on conventional roads; 60" × 60"

Standard Sizes (MUTCD)

Nominal	Dimensions	Typical Use
30 in	30" × 30"	Low-speed and local roadways
36 in	36" × 36"	Conventional roads
48 in	48" × 48"	Conventional roads (California TTC minimum)
60 in	60" × 60"	Expressways and freeways

Mounting & Reflectivity

- Urban: 7 ft min. to bottom of sign.
- Rural: 5 ft min. to bottom of sign.
- Lateral: 6–12 ft from edge of traveled way.
- Sheeting: high-intensity or diamond-grade retroreflective.

Notes

Warns drivers that bicyclists may merge into or share the travel lane ahead, prompting added caution where a bike facility is interrupted. Verify final size, placement, legend, and retroreflective sheeting against the current CA MUTCD, Caltrans Sign Specifications, and the reviewing agency before fabrication.

Specifications

Standard Shape	Diamond
Background Color	Orange
Legend / Symbol	Black legend
Border	Black
Reflectivity	High Intensity (for nighttime visibility)
Compliance	MUTCD / CA MUTCD

References

MUTCD / CA	CA MUTCD Part 6 (Temporary Traffic Control),
FHWA SHS	FHWA Standard Highway Signs, 2024 (11th
Source	Caltrans Sign Specifications / Standard Plans

Typical Applications

- Work zones that close or interrupt a bike lane
- Locations where cyclists merge into the travel lane
- Used with bicycle detour / accommodation signing