

Bicycle Technical Committee Recommendations
Approved by NCUTCD Council January 10 & 12, 2008

PART 9 - Bicycle Facilities

Chapter 9A - General

Section 9A.01 Requirements for Bicyclist Traffic Control Devices

The National Committee endorses the content of this section as proposed by FHWA.

Section 9A.02 Scope

The National Committee endorses the content of this section as proposed by FHWA.

Section 9A.03 Definitions Relating to Bicycles

The National Committee endorses the content of this section as proposed by FHWA.

Section 9A.04 Maintenance

The National Committee endorses the content of this section as proposed by FHWA.

Section 9A.05 Relation To Other Documents

The National Committee endorses the content of this section as proposed by FHWA.

Section 9A.06 Placement Authority

The National Committee endorses the content of this section as proposed by FHWA.

Section 9A.07 Meaning of Standard, Guidance, Option, and Support

The National Committee endorses the content of this section as proposed by FHWA.

Section 9A.08 Colors

The National Committee endorses the content of this section as proposed by FHWA.

Chapter 9B - Signs

Section 9B.01 Application and Placement of Signs

The National Committee endorses the content of this section as proposed by FHWA.

Section 9B.02 Design of Bicycle Signs

The National Committee endorses the content of this section as proposed by FHWA, with the following exception:

1. Page 1116, line 38 - add "and plaques" after "of bicycle signs" for consistency with the wording used elsewhere in Section 9B.02.

Section 9B.03 STOP and YIELD Signs (R1-1, R1-2)

The National Committee endorses the content of this section as proposed by FHWA.

Section 9B.04 Bike Lane Signs and Plaques (R3-17, R3-17aP, R3-17bP)

The National Committee endorses the content of this section as proposed by FHWA.

Section 9B.05 BEGIN RIGHT TURN LANE YIELD TO BIKES Sign (R4-4)

The National Committee endorses the content of this section as proposed by FHWA, with the following exception:

1. Page 1117, line 29 - add "Figure 9C-4" after "(see Figures 9C-1 and 9C-3)", since Figure 9C-4 also shows the R4-4 sign.

Section 9B.06 Bicycles May Use Full Lane Sign (R4-11)

The National Committee endorses the content of this section as proposed by FHWA.

Section 9B.07 Bicycle WRONG WAY Sign and RIDE WITH TRAFFIC Plaque (R5-1b, R9-3cP)

The National Committee endorses the content of this section as proposed by FHWA.

Section 9B.08 NO MOTOR VEHICLES Sign (R5-3)

The National Committee endorses the content of this section as proposed by FHWA.

Section 9B.09 Selective Exclusion Signs

The National Committee endorses the content of this section as proposed by FHWA, with the following exceptions:

1. Page 1118, line 16 - delete the phrase "Where authorized by public officials under State or local statutes or ordinances", since this is adequately covered in Part 1.
2. Page 1118, line 16 - add "(see Figure 9B-2)" after "Selective Exclusion signs".

3. Page 1118, lines 21-29 - Delete the entire Guidance section and replace with the following Support statement, which is consistent with the presentation of Selective Exclusion signs in Section 2B.46:

Support:

Typical exclusion messages include:

No Bicycles (R5-6)

No Pedestrians (R9-3a)

No Skaters (R9-13)

No Equestrians (R9-14)

Note: The R9-13 and R9-14 should also be included in Section 2B.46 and Figure 2B-14, since these signs can also be used on roadways without bicycle facilities.

Section 9B.10 No Parking Bike Lane Signs (R7-9, R7-9a)

The National Committee endorses the content of this section as proposed by FHWA.

Section 9B.11 Bicycle Regulatory Signs (R9-5, R9-6, R10-4, R10-24, R10-25, and 39 R10-26)

The National Committee endorses the content of this section as proposed by FHWA, with the following exception:

1. Page 1119, lines 1-2 - Add "or other warning lights or beacons" before "have been provided" to allow the use of the R10-25 sign in other appropriate locations where other types of beacons or lights are used for traffic control for bicyclists, such as beacons at path-roadway crossings, tunnels, or other locations.

Section 9B.12 Shared-Use Path Restriction Sign (R9-7)

The National Committee endorses the content of this section as proposed by FHWA.

Section 9B.13 Bicycle Signal Actuation Sign (R10-22)

The National Committee endorses the content of this section as proposed by FHWA.

Section 9B.14 Other Regulatory Signs

The National Committee endorses the content of this section as proposed by FHWA.

Section 9B.15 Turn or Curve Warning Signs (W1 Series)

The National Committee endorses the content of this section as proposed by FHWA.

Section 9B.16 Intersection Warning Signs (W2 Series)

The National Committee endorses the content of this section as proposed by FHWA.

Section 9B.17 Bicycle Surface Condition Warning Sign (W8-10)

The National Committee endorses the content of this section as proposed by FHWA.

Section 9B.18 Bicycle Warning and Combined Bicycle/Pedestrian Signs (W11-1 and W11-15)

The National Committee endorses the content of this section as proposed by FHWA, with the following exceptions:

1. In human factors testing commissioned by NCUTCD, the selected W11-15 sign symbol design depicted in the proposed MUTCD tested poorly as compared to other alternative sign designs. See comments on Figure 9B-3.

Section 9B.19 Other Bicycle Warning Signs

The National Committee endorses the content of this section as proposed by FHWA.

Section 9B.20 Bicycle Guide Signs (D1-1b, D1-1c, D1-2b, D1-2c, D1-3b, D1-3c, D11-1, D11-1c)

The National Committee endorses the content of this section as proposed by FHWA.

Section 9B.21 Bicycle Route Signs (M1-8, M1-8a, M1-9)

The National Committee endorses the content of this section as proposed by FHWA.

Section 9B.22 Bicycle Route Sign Auxiliary Plaques

The National Committee endorses the content of this section as proposed by FHWA.

Section 9B.23 Bicycle Parking Area Sign (D4-3)

The National Committee endorses the content of this section as proposed by FHWA.

Section 9B.24 Reference Location Signs (D10-1 through D10-3) and Intermediate Reference Location Signs (D10-1a through D10-3a)

The National Committee endorses the content of this section as proposed by FHWA, with the following exceptions:

1. Page 1123, line 32 - Delete the "Zero distance should begin at the south and west terminus points of shared-use paths" Guidance statement, as it does not allow for needed flexibility for local agencies in setting up reference marker systems on paths.

Section 9B.25 Mode-Specific Guide Signs for Shared-Use Paths (D11-1a, D11-1b, D11-2, D11-3, D11-4)

The National Committee endorses the content of this section as proposed by FHWA.

Section 9B.26 Object Markers

The National Committee endorses the content of this section as proposed by FHWA.

Chapter 9C - Markings

Section 9C.01 Functions of Markings

The National Committee endorses the content of this section as proposed by FHWA.

Section 9C.02 General Principles

The National Committee endorses the content of this section as proposed by FHWA.

Section 9C.03 Marking Patterns and Colors on Shared-Use Paths

The National Committee endorses the content of this section as proposed by FHWA, with the following exception:

1. Page 1125, lines 40-41 - Delete the words "traveling in the same direction". This proposed change is unnecessary for shared-use path operations and safety, and this change makes this statement inconsistent with normal and typical use for this marking. Marked pedestrian areas on shared-use paths are typically marked with a solid white line consistent with Section 9C.03 in the 2003 MUTCD, but are not intended or marked as directional facilities, as typical movement of pedestrian in these areas is multidirectional. A directional restriction of movement in these areas would likely have very poor user compliance, and create discrepancies between user expectations and actual experience.

Section 9C.04 Markings for Bicycle Lanes

The National Committee endorses the content of this section as proposed by FHWA, with the following exceptions:

1. Page 1126, lines 34-36 - Delete the Option statement and replace with the following wording: "If the word or symbol pavement markings shown in Figure 9C-6 are used, Bicycle Lane signs (see Section 9B.04) may also be used. To avoid overuse of the signs, the signs need not be adjacent to every symbol." This wording conveys the same information, but in a cleaner and more comprehensible manner.
2. Page 1126, line 38-39 - Delete the words "or other circular intersection", since there are certain types of larger circular intersections (such as ones

with significant distances between exits & entrances) where bike lanes may be appropriate based on engineering judgment.

Section 9C.05 Bicycle Detector Symbol

The National Committee endorses the content of this section as proposed by FHWA.

Section 9C.06 Pavement Markings for Obstructions

The National Committee endorses the content of this section as proposed by FHWA.

Section 9C.07 Shared Lane Marking

The National Committee endorses the content of this section as proposed by FHWA.