



## National Committee on Uniform Traffic Control Devices

12615 West Keystone Drive \* Sun City West, AZ, 85375  
Telephone (623)680-9592 \* e-mail: ncutcd@aol.com

1  
2  
3 **NOTE: This is a recommendation by NCUTCD to FHWA to add or revise the**  
4 **content of the MUTCD. This proposal by itself does not constitute official**  
5 **standards or guidance. Regardless of NCUTCD approval status, any proposed**  
6 **change or revision has no legal or official status until specifically approved by**  
7 **FHWA through either the Interim Approval process or adoption into a new edition**  
8 **of the MUTCD.**

9  
10 **TECHNICAL COMMITTEE:** Bicycle Technical Committee

11  
12 **TOPIC:** Bicycle Lane Intersection Control  
13 Supplemental Plaque (R3-5hP)

14  
15 **STATUS/DATE OF ACTION:**

16 **BTC Drafts:** 01/09/2014  
17 **BTC Approval:** 01/09/2014  
18 **RWSTC Concurrence:** 01/09/2014  
19 **Transmitted to Sponsors:** 03/25/2014  
20 **TC Revision:** 06/25/2014  
21 **Council Approval:** **06/25/2014 (v1.3)**

22  
23 **ORIGIN OF REQUEST:** FHWA

24  
25 **AFFECTED SECTIONS OF MUTCD:** 2B.20 Mandatory Movement Lane Control  
26 Signs and Section 9B.04 Bike Lane Signs and  
27 Plaques

28  
29 **SUMMARY:**

30 This proposal provides standards and guidance for the installation of mandatory  
31 movement lane control supplemental plaques along roadways where bicycle lanes are  
32 located between vehicle travel lanes on intersection approaches or where only a single  
33 bicycle movement is permitted from a certain bicycle lane.

34  
35 **DISCUSSION**

36 Where bicycle lanes are located between vehicle travel lanes and vehicle mandatory  
37 movement lanes, operational problems can occur when lane markings are obscured by  
38 environmental conditions and/or queued motor vehicles. Conflicts between vehicles  
39 and bicyclists can occur at intersections when bicyclists attempt to turn left (or right)  
40 from a bicycle lane. Signing is especially helpful to provide drivers and bicyclists

1 adequate time to position themselves in the appropriate lane at the intersection  
2 depending on their intended direction of travel.

3  
4 The NCUTCD Regulatory and Warning Sign Technical Committee reviewed and  
5 concurred with this proposal in January 2014 (vote: 19-5-4).  
6  
7

## 8 **RECOMMENDED MUTCD PROVISIONS/ REVISIONS**

9  
10 **Note:** Deletions from the 2009 MUTCD text are noted in ~~strikethrough—red~~, and  
11 insertions in underline blue.

12  
13 **Paragraph 01 of Section 2B.20 of the MUTCD is revised as follows:**

14  
15 **Section 2B.20 Mandatory Movement Lane Control Signs (R3-5, R3-5a, R3-7, and R3-20)**

### 16 **Standard:**

17  
18  
19 01 **If used, the Mandatory Movement Lane Control (R3-5, R3-5a, and R3-7) sign (see**  
20 **Figure 2B-4) shall indicate only the single vehicle movement that is required from the lane.**  
21 **If used, the Mandatory Movement Lane Control Sign shall be located in advance of the**  
22 **intersection, such as near the upstream end of the mandatory movement lane, and/or at the**  
23 **intersection where the regulation applies. When the mandatory movement applies to lanes**  
24 **exclusively designated for HOV traffic, the R3-5cP supplemental plaque shall be used.**  
25 **When the mandatory movement applies to lanes that are not HOV facilities, but are lanes**  
26 **exclusively designated for buses, ~~and/or~~ taxis, and/or bicycles, the ~~word message~~ R3-5dP,**  
27 **~~and/or~~ R3-5gP and/or R3-5hP supplemental plaques shall be used.**

28  
29 Insert paragraph 03 into Section 9B.04 of the MUTCD as follows (paragraphs 01-02 of  
30 existing Section 9B.04 are unchanged):

31  
32 **Section 9B.04 Bike Lane Signs and Plaques (R3-17, R3-17a, RB-17bP)**

### 33 Option:

34  
35  
36 03 Where bicycle lanes are located between travel lanes on intersection approaches or where  
37 only a single bicycle movement is permitted from a certain bicycle lane, a Mandatory Movement  
38 Lane Control sign (see Section 2B.20) may be supplemented with a R3-5hP plaque to require a  
39 bicyclist in a particular bicycle lane at an intersection to stay in the same lane and proceed  
40 straight through the intersection, or to indicate a required turn from a particular bicycle lane.



1  
2  
3  
4

R3-5hP (30" x 12") mounted above R3-5a  
(bicyclists go straight in that lane)