

1 **Standard:**

2 **Longitudinal pavement markings shall be used to define bicycle lanes.**

3 **The bicycle lane symbol marking shall be white. If the bicycle lane symbol marking is used in**
4 **conjunction with other word or symbol messages, it shall precede them.**

5 **A through bicycle lane shall not be positioned to the right of a right turn only lane.**

6 Support:

7 A bicyclist continuing straight through an intersection from the right of a right-turn lane would be
8 inconsistent with normal traffic behavior and would violate the expectations of right-turning motorists.

9 Guidance:

10 If used, the bicycle lane symbol marking (see Figure 9C-6) should be placed at the beginning of a bicycle
11 lane and at periodic intervals along the bicycle lane based on engineering judgment.

12 When the right through lane is dropped to become a right turn only lane, the bicycle lane markings should
13 stop at least 100 feet before the beginning of the right-turn lane. Through bicycle lane markings should
14 resume to the left of the right turn only lane.

15 An optional through-right turn lane next to a right turn only lane should not be used where there is a
16 through bicycle lane. If a capacity analysis indicates the need for an optional through-right turn lane, the
17 bicycle lane should be discontinued at the intersection approach.

18 Posts or raised pavement markers should not be used to separate bicycle lanes from adjacent travel lanes.

19 Support:

20 Using raised devices creates a collision potential for bicyclists by placing fixed objects immediately
21 adjacent to the travel path of the bicyclist. In addition, raised devices can prevent vehicles turning right from
22 merging with the bicycle lane, which is the preferred method for making the right turn. Raised devices used
23 to define a bicycle lane can also cause problems in cleaning and maintaining the bicycle lane.

24 Option:

25 If the word or symbol pavement markings shown in Figure 9C-6 are used, Bike Lane signs (see Section
26 9B.04) may also be used, but to avoid overuse of the signs not necessarily adjacent to every symbol.

27 **Standard:**

28 **Bicycle lanes shall not be provided on the circular roadway of a roundabout or other circular**
29 **intersection.**

30 **Section 9C.05 Bicycle Detector Symbol**

31 Option:

32 A symbol (see Figure 9C-7) may be placed on the pavement indicating the optimum position for a
33 bicyclist to actuate the signal.

34 An R10-22 sign (see Section 9B.13 and Figure 9B-2) may be installed to supplement the pavement
35 marking.

36 **Section 9C.06 Pavement Markings for Obstructions**

37 Guidance:

38 In roadway situations where it is not practical to eliminate a drain grate or other roadway obstruction that
39 is inappropriate for bicycle travel, white markings applied as shown in Figure 9C-8 should be used to guide
40 bicyclists around the condition.

41 **Section 9C.07 Shared Lane Marking**

42 Option:

43 The Shared Lane Marking shown in Figure 9C-9 may be used to:

- 44 A. Assist bicyclists with lateral positioning in a shared lane with on-street parallel parking in order to
45 reduce the chance of a bicyclist's impacting the open door of a parked vehicle,
- 46 B. Assist bicyclists with lateral positioning in lanes that are too narrow for a motor vehicle and a bicycle
47 to travel side by side within the same traffic lane,
- 48 C. Alert road users of the lateral location bicyclists are likely to occupy within the traveled way,
- 49 D. Encourage safe passing of bicyclists by motorists, and

1 E. Reduce the incidence of wrong-way bicycling.

2 Guidance:

3 The Shared Lane Marking should not be placed on roadways that have a speed limit above 50 km/h or 35
4 mph.

5 **Standard:**

6 **Shared Lane Markings shall not be used on shoulders or in designated bicycle lanes.**

7 **If used in a shared lane with on-street parallel parking, Shared Lane Markings shall be placed so**
8 **that the centers of the markings are at least 3.4 m (11 ft) from the face of the curb, or from the edge of**
9 **the pavement where there is no curb.**

10 Guidance:

11 If used on a street without on-street parking that has an outside travel lane that
12 is less than 4.3 m (14 ft) wide, the centers of the Shared Lane Markings should be at
13 least 1.2 m (4 ft) from the face of the curb, or from the edge of the pavement where
14 there is no curb.

15 If used, the Shared Lane Marking should be placed immediately after an intersection and spaced at
16 intervals not greater than 75 m (250 ft) thereafter.

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Figure 9C-9. Shared Lane Marking

