



National Committee on Uniform Traffic Control Devices

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National Committee on Uniform Traffic Control Devices (NCUTCD) Recommended Changes to Proposed Text for 11th Edition of the MUTCD Docket Number: FHWA-2020-0001

6 **Federal Register Item Number:** 363

7 **NPA MUTCD Section Number:** Sections 3F.01-3F.03

8 **Legend:** Base text shown in proposal is the NPA “clean” proposed text.

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- 10 • [NCUTCD recommendation for text to be added in final rule.](#)
 - 11 • ~~NCUTCD recommendation for text to be deleted in final rule.~~
 - 12 • [NCUTCD recommendation for text to be moved/relocated in final rule.](#)
 - 13 • NPA text that was not previously approved by NCUTCD but is now approved.
 - 14 • Explanatory note: [\[Note that explains purpose of recommended change.\]](#)

15 The following pages present NCUTCD recommendations for changes to the MUTCD NPA
16 proposed text, tables, and figures for Chapter 3F. Below is a short summary of the NCUTCD
17 position for each section of this chapter. A more detailed summary is provided at the beginning
18 of each section.

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- 20 • Section 3F.01: NCUTCD agrees with NPA content (no changes recommended).
 - 21 • NPA #363, Section 3F.02: NCUTCD agrees with NPA content (no changes recommended).
 - 22 • Section 3F.03: Changes recommended based on Council action in spring 2021
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26 **CHAPTER 3F. MARKINGS FOR TOLL PLAZAS**
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28 **Section 3F.01 Comments:** NCUTCD agrees with 3F.01 as presented in the NPA.
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30 **Section 3F.01 General**

31 Support:

32 At toll plazas, pavement markings help road users identify the proper lane(s) to use for the
33 type of toll payment they plan to use, to channelize movements into the various lanes, and to
34 delineate obstructions in the roadway.

35 Section 3H.08 contains information on the use and application of purple colored pavement at
36 toll plazas for vehicles with registered electronic toll collection (ETC) accounts.
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39 **Section 3F.02 Comments:** NCUTCD agrees with 3F.02 as presented in the NPA.
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41 **Section 3F.02 Longitudinal Markings**

42 Guidance:

43 Solid white lane line markings should be used to separate toll lanes, payment methods, or to
44 channelize movements at toll plazas.

45 Solid white lane line markings should begin at the upstream end of the full-width toll lane
46 and be continued to the toll plaza.

47 Option:

48 For a toll plaza approach lane that is restricted to use only by vehicles with registered ETC
49 accounts, the solid white lane line or edge line on the right-hand side of the ETC Account-Only
50 lane and the solid white lane line or solid yellow edge line on the left-hand side of the ETC
51 Account-Only lane may be supplemented with purple solid longitudinal markings placed
52 contiguous to the inside edges of the lines defining the lane.

53 **Standard:**

54 **If the purple solid longitudinal markings described in Paragraph 3 are used, the purple**
55 **markings shall be at least 3 inches wide.**

56 Guidance:

57 If the purple solid longitudinal markings described in Paragraph 3 are used, the purple
58 markings should not be wider than the line they supplement.

59 **Standard:**

60 **Toll booths and the islands on which they are located are considered to be obstructions**
61 **in the roadway and they shall be provided with markings that comply with the provisions**
62 **of Section 3B.13 and Chapter 3J.**

63 Option:

64 Longitudinal pavement markings may be omitted alongside toll booth islands between the
65 approach markings and any departure markings.

67
68 **Section 3F.03 Comments:** NCUTCD generally agrees with 3F.03 as presented in the NPA, but
69 recommends revising the Standard statement on ETC markings to Guidance, plus a minor
70 editorial revision.

72 **Section 3F.03 Pavement Word and Symbol Markings**

73 Support:

74 Section 3E.03 contains information on the use of pavement word and symbol markings for
75 ETC Account-Only lanes not specific to toll plazas.

76 **Standard-Guidance:** [reword Standard statement as Guidance]

77 *Except as provided in Paragraph 4, when a lane on the approach to a toll plaza is restricted*
78 *to use only by vehicles with registered ETC accounts, the ETC Account-Only lane word*
79 *markings or pictograph described in Section 3E.03 ~~shall~~ should be used (see Figure 3H-6).*

80 *When one or more open road tolling (ORT) lanes that are restricted to use only by vehicles*
81 *with registered ETC accounts bypass a mainline toll plaza on a separate alignment, pavement*
82 *word markings or pictographs ~~shall~~ should be used on the approach to the point where the ORT*
83 *lanes diverge from the lanes destined for the mainline toll plaza (see Figure 3H-6).*

84 Option:

85 Preferential lane-use markings may be omitted at toll plazas where physical conditions ~~or~~
86 preclude the use of the markings. [editorial]

87 Guidance:

88 *If an ORT lane that is immediately adjacent to a mainline toll plaza is not separated from*
89 *adjacent cash payment toll plaza lanes by a curb or barrier, then channelizing devices (see*
90 *Section 3I.01), and/or longitudinal pavement markings that discourage or prohibit lane*
91 *changing should be used to separate the ORT lane from the adjacent cash payment lane. This*
92 *separation should begin on the approach to the mainline toll plaza at approximately the point*
93 *where the vehicle speeds in the adjacent cash lanes drop below 30 mph during off-peak periods*
94 *and should extend downstream beyond the toll plaza approximately to the point where the*
95 *vehicles departing the toll plaza in the adjacent cash lanes have accelerated to 30 mph.*