



# National Committee on Uniform Traffic Control Devices

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Item No.: 24B-TTC-04

## NCUTCD PROPOSAL FOR CHANGES TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES

**COMMITTEE / TASK FORCE:** Temporary Traffic Control Technical Committee  
**ITEM NUMBER:** 24B-TTC-04  
**TOPIC:** Pedestrian Channelizing Devices  
**ORIGIN OF REQUEST:** Tim Lang – TTC Committee  
**AFFECTED SECTIONS OF MUTCD:** Section 6K.02 Pedestrian Channelizing Devices  
Figure 6K-2

### DEVELOPMENT HISTORY:

Approved by TTC: 06/26/2024  
Approved by NCUTCD Council:

*This is a proposal for recommended changes to the MUTCD that has been developed by a technical committee or joint task force of the NCUTCD. The NCUTCD is distributing it to its sponsoring organizations for review and comment. Sponsor comments will be considered in revising the proposal prior to NCUTCD Council consideration. This proposal does not represent a revision of the MUTCD and does not constitute official MUTCD standards, guidance, or options. If approved by the NCUTCD Council, the recommended changes will be submitted to FHWA for consideration for inclusion in a future MUTCD revision. The MUTCD can be revised only through the federal rulemaking process.*

### SUMMARY:

The TTC Task Force #5 identified inconsistencies in Section 6K.02. The description in the section and the depiction in Figure 6K-02 do not cover all products available in the market. Our goal is to bring clarity to this section.

### DISCUSSION:

The verbiage in Section 6K.02 and Figure 6K-02 should be revised to incorporate all Pedestrian Channelizing Devices. These devices come in various shapes and sizes, and the Task Force has attempted to accommodate this diversity. The current version shows hand-trailing edges with a support device. However, not all products require a hand-trailing edge to be attached to a support device, as some have a hand-trailing edge on top. Therefore, the figure is proposed to be adjusted to include additional products. Two figures are included in the proposed change: one marking the current figure and one “clean” figure.

33 **RECOMMENDED MUTCD CHANGES:**  
34 The following present the proposed changes to the current MUTCD within the context of the  
35 current MUTCD language. Proposed additions to the MUTCD are shown in blue underline and  
36 proposed deletions from the MUTCD are shown in ~~red strikethrough~~. Changes previously  
37 approved by NCUTCD Council (but not yet adopted by FHWA) are shown in green double  
38 underline for additions and ~~green double strikethrough~~ for deletions. In some cases,  
39 background comments may be provided with the MUTCD text. These comments are indicated  
40 by bracketed white text in shaded green. Deletions made by a technical committee or task  
41 force after initial distribution to sponsoring organizations are shown in ~~highlighted red~~  
42 ~~strikethrough and Helvetica text~~. Additions made by a technical committee or task force after  
43 initial distribution to sponsoring organizations are shown in underline blue and Helvetica text.

## 46 PART 6. TEMPORARY TRAFFIC CONTROL

### 48 CHAPTER 6K. TTC ZONE CHANNELIZING DEVICES

#### 50 Section 6K.02 Pedestrian Channelizing Devices

51 Support:  
52 01 Pedestrian channelizing devices indicate a suitable path of pedestrian travel around or through the  
53 ~~work~~ TTC zone.

54 *Guidance:*  
55 02 *Pedestrian channelizing devices should be provided when work activities impact sidewalks or other*  
56 *pedestrian facilities or when the design of the temporary pedestrian facility does not otherwise include*  
57 *accessibility features consistent with the features in the existing pedestrian facility.*  
58 03 *The pedestrian channelizing devices should be used both to close sidewalks and to delineate an*  
59 *alternate route.*

60 Support:  
61 04 An example of a pedestrian channelizing device is depicted in Figure 6K-2.

62 **Standard:**  
63 05 **Pedestrian channelizing devices shall be crashworthy (see definition in Section 1C.02) when**  
64 **exposed to vehicular traffic.**  
65 06 **Devices used to channelize pedestrians shall be detectable to users of long canes and visible to**  
66 **pedestrians with vision disabilities.**  
67 07 **When used as a sidewalk closure, the device shall cover the entire width of the sidewalk**  
68 08 **Pedestrian channelizing devices shall have continuous detection plates and hand-trailing edges.**  
69 **The bottom of the detection plate shall be no higher than 2 inches above the walkway. The top edge**  
70 **of the detection plate shall be at least 8 inches above the walkway. The top of the hand-trailing edge**  
71 **shall be no lower than 32 inches and no higher than 38 inches above the walkway. The top surface**  
72 **of the hand-trailing edge shall be smooth to optimize hand trailing. Both the detection plate and the**  
73 **hand-trailing edge shall share a common vertical plane.**

74 *Guidance:*  
75 09 *When pedestrian channelizing devices are combined in a series, the gap between devices should not*  
76 *exceed 1 inch.*

77 Support:  
78 10 The hand-trailing edge is the upper rail on a pedestrian channelizing device, as shown in Figure 6K-  
79 2. It is provided to allow pedestrians with vision disabilities to follow the pedestrian channelizing device  
80 with their hand. The hand-trailing edge is not a weight-bearing railing.

81 Option:

82 10a A continuous wall may be used as a pedestrian channelizing device.

83 Guidance:

84 10b When used, a continuous wall should have a lower edge no more than 2 inches above the walkway,  
85 should extend a minimum of 32 inches above the walkway, should have a common vertical face, and  
86 should have alternating, contrasting sheeting positioned 32 inches above the walkway.

87 Option:

88 10c The continuous wall may extend to any height above the 32-inch minimum.

89 Guidance:

90 11 ~~There should be at least a 2-inch gap between the hand-trailing edge and its support~~ the continuous  
91 wall.

92 **Standard:**

93 12 **When visible to vehicular traffic the ~~detection plate and the hand-trailing edge of the~~**  
94 **pedestrian**  
95 **channelizing device shall have retroreflective sheeting complying with Paragraph 10 of Section**  
96 **6K.01.**

97 Guidance:

98 13 When not visible to vehicular traffic, the pedestrian channelizing device should have a contrasting  
99 pattern in alternating light and dark colors to provide visual contrast on the upper surface consisting of a  
100 minimum of 6 inches of sheeting or other contrasting materials.

101 Option:

102 14 Non-retroreflective materials may be used on the pedestrian side of the pedestrian channelizing  
103 device.

104 15 The sheeting on the pedestrian side of the pedestrian channelizing device may have stripes that are  
105 oriented either vertically or at a 45-degree angle.

106 Support:

107 16 The contrast of the light and dark stripes on the barricade sheeting assists pedestrians with vision  
108 disabilities in following the designated detour.

109 17 Section 6M.04 also contains information regarding detectable edging for pedestrian channelization.

110 ~~Option:~~

111 ~~18—A continuous wall may be used as a pedestrian channelizing device.~~

112 ~~Guidance:~~

113 ~~19—When used, a continuous wall should have a lower edge no more than 2 inches above the walkway,~~  
114 ~~should extend a minimum of 32 inches above the walkway, should have a common vertical face, and~~  
115 ~~should have alternating, contrasting sheeting positioned 32 inches above the walkway.~~

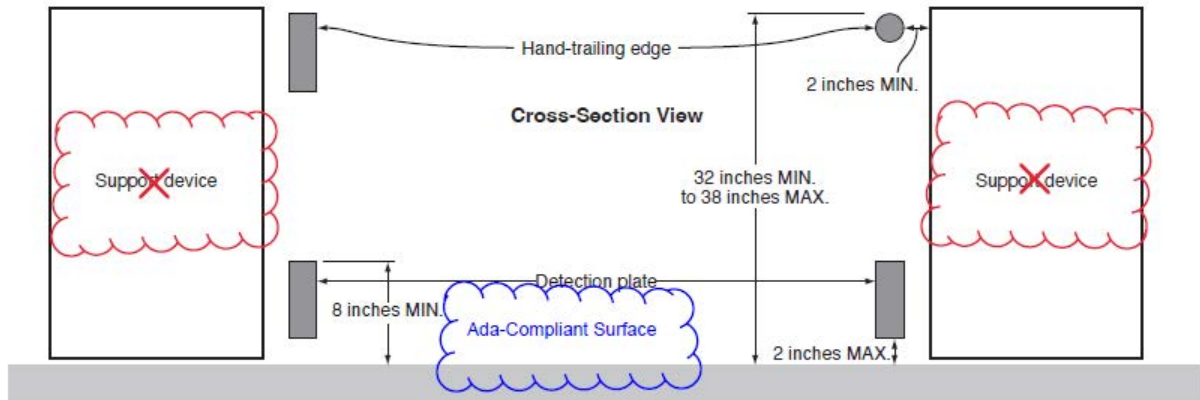
116 ~~Option:~~

117 ~~20—The continuous wall may extend to any height above the 32-inch minimum.~~

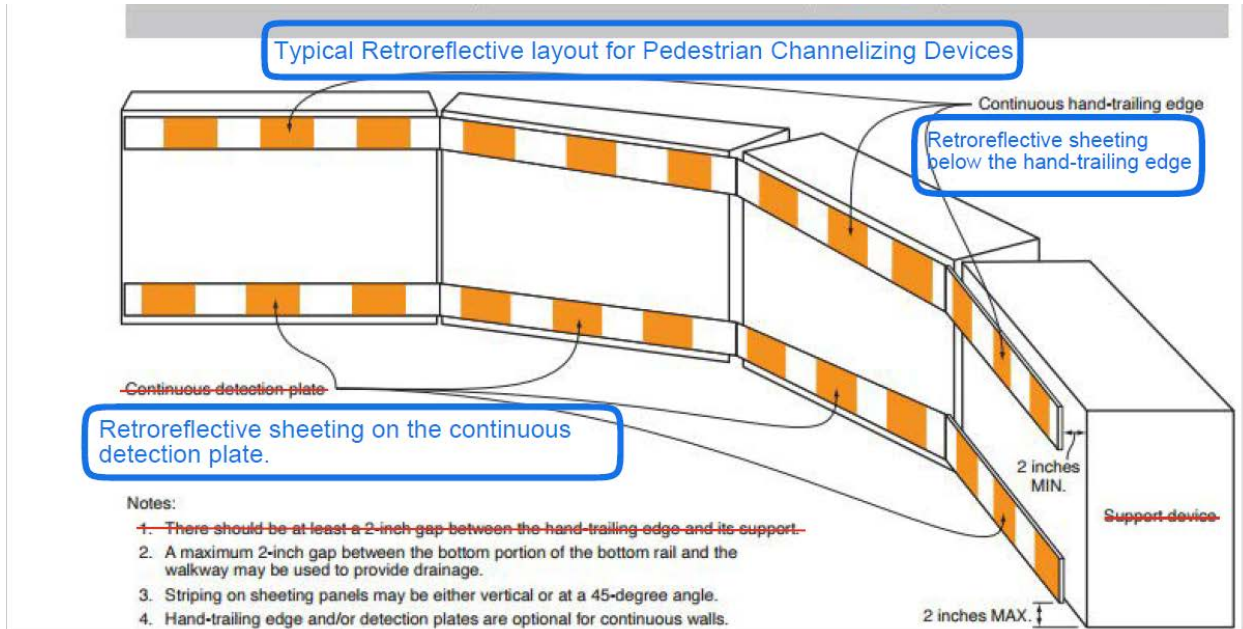
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### Figure 6K.02. Pedestrian Channelizing Device

[This is showing the proposed changes to the current drawing]



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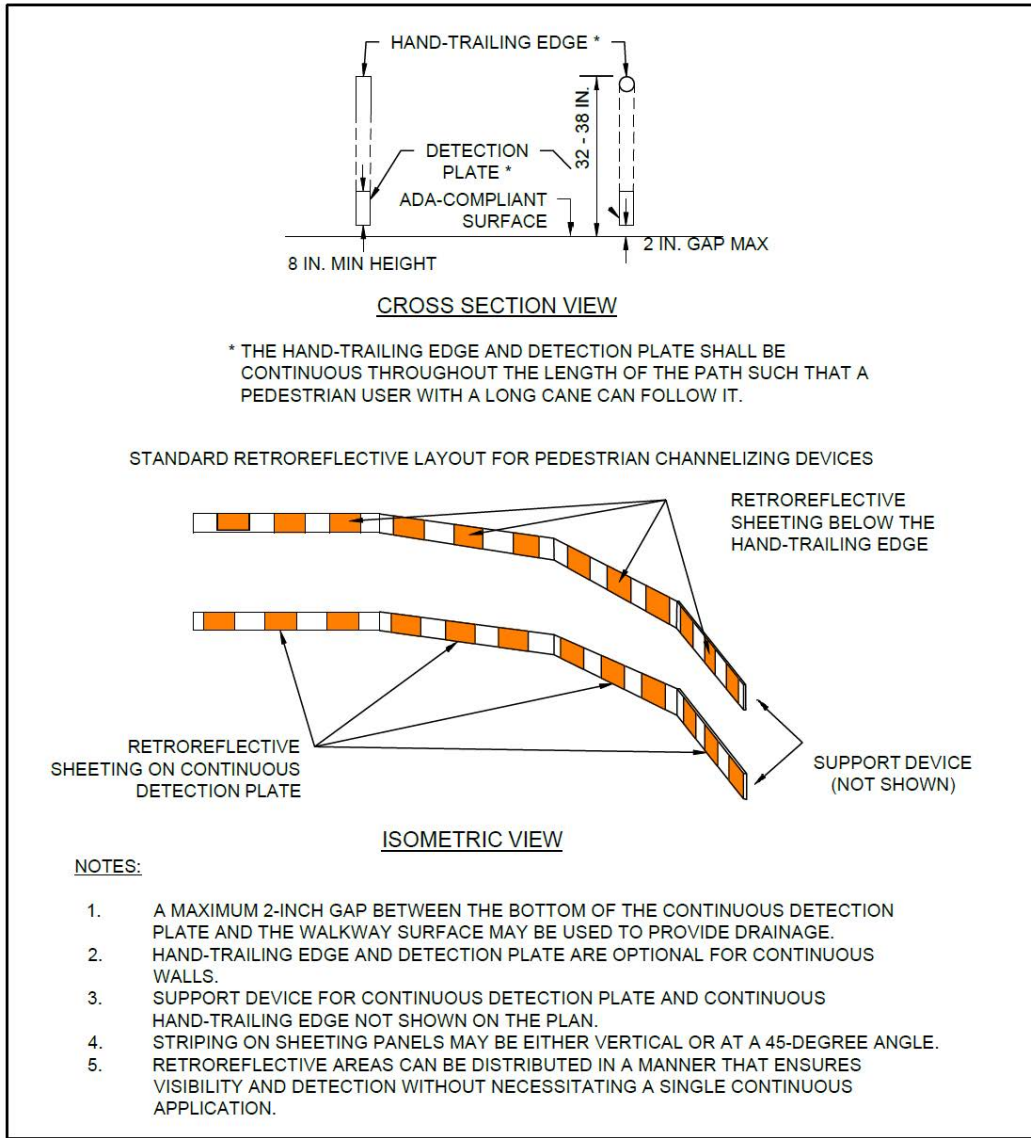
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Retroreflective areas can be distributed in a manner that ensures visibility and detection without necessitating a single continuous application.

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[New Drawing recommended for Figure 6K-2. This drawing was created to highlight the current design of pedestrian channelizing devices.]

**Figure 6K-2. Pedestrian Channelizing Device**



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