

## 220 Railroads: Errata

Posterior to the November 1, 2025, release of the 2026 **FDM**, several items in the MUTCD “crosswalk” tables were identified for error correction or clarification. The tables have been updated as such:

**Table 220.2.1 FDOT Modifications to *MUTCD*, Part 8A**

| MUTCD Section | Paragraph or Figure | MUTCD Status | FDOT Status | FDOT Requirement [Additional Information]   |
|---------------|---------------------|--------------|-------------|---|
| 8A.06         | 4                   | Guidance     | Standard    | Change "should" to "must".<br><u>Expand “raised median island is” to “raised median island and/or</u> <del>Add new sentence “Tubular markers are... may be used in combination with or instead of median islands.”</del>  |
| 8A.06         | 5                   | Guidance     | Standard    | Change <u>first occurrence of “may should”</u> to “must” <u>twice</u> .<br><u>Expand “median islands” to “median islands and/or tubular markers...”</u><br><u>Change “should also be considered” to “must also be used”.</u>                                      |
| 8A.08         | 6                   | Guidance     | Standard    | Change "should" to "must" <u>twice</u> .  |
| 8A.09         | 1                   | Option       | Option      | <del>†</del> Add new sentence “See also, the Department’s “Opening Closure Program” webpage ( <a href="https://www.fdot.gov/rail/programs/opening-closure">https://www.fdot.gov/rail/programs/opening-closure</a> ) for requirements and resources.” <del>†</del> |
| 8A.09         | 3                   | Guidance     | Standard    | Change <u>the second</u> "should" to "must".  |
| 8A.09         | 6                   | Guidance     | Standard    | Change "should" to "must" <u>twice</u> .  |
| 8A.13         | 3                   | Guidance     | Standard    | Change "should" to "must" <u>twice</u> .  |
| 8A.13         | 5                   | Guidance     | Standard    | Change "should" to "must" <u>twice</u> .  |

**Table 220.2.2 FDOT Modifications to the *MUTCD*, Part 8B**

| MUTCD Section | Paragraph or Figure | MUTCD Status | FDOT Status | FDOT Requirement [Additional Information]   |
|---------------|---------------------|--------------|-------------|---|
| 8B.03         | 3                   | Standard     | Standard    | Delete “alone or.”<br>Add new sentence “The Crossbuck sign may <b>only</b> be used alone <del>if located at an</del> <u>only for</u> existing passive <u>grade crossings</u> .” |
| 8B.04         | 6                   | Guidance     | Standard    | Change "should" to "must" <u>twice</u> .  |
| 8B.06         | <u>7</u>            | Guidance     | Standard    | Change "should" to "must" <u>twice</u> .  |
| 8B.07         | 1                   | Guidance     | Standard    | Change "should" to "must".<br>Add new sentence "At higher-speed grade crossings the DO NOT STOP ON TRACKS (R8-8) signs must   |

| MUTCD Section    | Paragraph or Figure | MUTCD Status        | FDOT Status         | FDOT Requirement [Additional Information]   |
|------------------|---------------------|---------------------|---------------------|---|
|                  |                     |                     |                     | be LED-enhanced. <del>per</del> See Standard Plans, Index 700-120, Roadside Sign Assembly 8."   |
| 8B.09            | 1                   | Option              | Standard            | <del>Change "may" to "must".</del> [Applicable only when sign can be placed without blocking or reducing line of sight to the flashing signals.]<br><u>Change "may" to "must".</u>  |
| 8B.10            | 2                   | Option              | Standard            | -Replace paragraph with "STOP HERE ON RED signs must be used at all stop lines associated with traffic signals with a red signal face".   |
| 8B.11            | 1                   | Option              | Standard            | Change "may" to "must" <u>twice</u> .   |
| 8B.13            | 2                   | Option              | Standard            | Change "may" to "must" <u>twice</u> .   |
| 8B.14            | 3                   | Option              | Standard            | Change <u>the first</u> "may" to "must".  |
| 8B.15            | 1                   | Option              | Standard            | Change "may" to "must" <u>twice</u> .   |
| 8B.16            | 1                   | Guidance            | Standard            | Replace paragraph with " <u>All new crossings must be designed in accordance with Standard Plans, Index 830-T01. For existing humped crossings to remain,</u><br><del>Install the a</del> Low Ground Clearance Grade Crossing (W10-5) sign (see Figure 8B-4) in advance of all hump crossings." |
| 8B.18            | 2                   | Guidance            | Standard            | Change "should" to "must" <u>twice</u> .  |
| <del>8B.19</del> | <del>2</del>        | <del>Guidance</del> | <del>Standard</del> | <del>Delete "if used."</del><br><del>Change "should" to "must."</del>   |
| <del>8B.26</del> | <del>4</del>        | <del>Option</del>   | <del>Standard</del> | <del>Change "may" to "must"</del>   |
| 8B.27            | 8                   | Guidance            | Standard            | Change "should" to "must" <u>three times</u> .  |
| 8B.27            | 10                  | Guidance            | Standard            | Change "should" to "must" <u>twice</u> .  |

**Table 220.2.3 FDOT Modifications to the *MUTCD, Part 8C***

| MUTCD Section | Paragraph or Figure | MUTCD Status | FDOT Status | FDOT Requirement [Additional Information]   |
|---------------|---------------------|--------------|-------------|---|
| 8C.03         | 3                   | Guidance     | Standard    | Change "should" to "must" <u>twice</u> .  |
| 8C.03         | 5                   | Guidance     | Standard    | Change <u>the first</u> "should" to "must".   |
| 8C.03         | 6                   | Guidance     | Standard    | Change <u>the first</u> "should" to "must".   |
| 8C.04         | 1                   | Standard     | Standard    | Delete "stop line of the grade crossing" and replace with "grade crossing pavement marking <u>and the track(s)</u> ". |

| MUTCD Section | Paragraph or Figure | MUTCD Status | FDOT Status | FDOT Requirement [Additional Information]   |
|---------------|---------------------|--------------|-------------|---|
| 8C.05         | 1                   | Guidance     | Standard    | Change "should extend up <u>to</u> " to "must be solid for the entire distance between the beginning of each Grade Crossing Pavement Marking Symbol of each approach and extend up <u>to...</u> ".<br>Add new sentence "Continue solid longitudinal edge line, lane line, and centerline markings through the dynamic envelope pattern, maintaining a 9-inch clear space between the Dynamic Envelope pattern and the longitudinal lane lines or gore areas."<br><u>Add new sentence "See FDM Exhibits 220-2 through 220-5 for examples."</u><br>Add <u>[as an Option]</u> new sentence "The edge line may be dashed for bike lane conflict markings where the grade crossing pavement marking is beyond a right-turn lane taper."<br><del>[See FDM Exhibits 220-2 through 220-5 for examples.]</del> |
| 8C.06         | 1                   | Option       | Standard    | Change "may be installed at a grade crossing" to "must be installed at Active and Passive grade crossings on State Roads, State-owned rails, and State-owned property."<br>Add sentence "Design Variations to not install dynamic envelope markings must be approved by the Chief Engineer <del>of Operations.</del> "  |

**Table 220.2.4 FDOT Modifications to the *MUTCD*, Part 8D**

| MUTCD Section | Paragraph or Figure | MUTCD Status    | FDOT Status    | FDOT Requirement [Additional Information]   |
|---------------|---------------------|-----------------|----------------|---|
| <u>8D.01</u>  | <u>9</u>            | <u>Standard</u> | <u>Deleted</u> | <u>[See FDOT Standard Plans Index 509-070]</u>  |
| 8D.02         | 3                   | Guidance        | Standard       | Change "should" to "must" <u>three times.</u>   |
| 8D.02         | 5                   | Option          | Standard       | Change "At highway-rail grade crossings," to "Include".<br>Change "may be included in the assembly and may be operated in" to " <del>devices</del> in the assembly and operated in".  |
| 8D.02         | 15                  | Guidance        | Standard       | Change <u>the first</u> "should" to "must".   |
| 8D.05         | 10                  | Standard        | Standard       | Change "median islands (see Figure 8D-2) shall" to "median islands (see Figure 8D-2 <u>0</u> ) and/or tubular markers shall".   |
| 8D.05         | 15                  | Guidance        | Standard       | <del>Change "should" to "must".</del><br>Change "If the Dynamic Exit Gate Operation Mode is used, highway vehicle..." to "Use Dynamic <u>Exit</u> Gate Operating Mode with vehicle...".<br>Change "motor vehicles" to "vehicles". [All vehicles must be detected, not only motor vehicles.] |

| MUTCD Section | Paragraph or Figure | MUTCD Status                      | FDOT Status | FDOT Requirement [Additional Information]   |
|---------------|---------------------|-----------------------------------|-------------|---|
|               |                     |                                   |             | Change "should be installed to control" to "to control"<br>Change "should" to "must".   |
| 8D.05         | 8D-2                | Standard                          | Standard    | [The figure applies <del>Applicable</del> to both median islands (as shown) and/or tubular markers <del>and/or median islands (shown)</del> ] |
| 8D.06         | 3                   | Guidance                          | Standard    | Change "should" to "must" <u>three times</u> .  |
| 8D.07         | 6                   | Guidance                          | Standard    | Change "should" to "must" <u>twice</u> .  |
| 8D.09         | 4                   | Guidance                          | Standard    | Change "should" to "must" <u>twice</u> .  |
| 8D.09         | 14                  | Guidance                          | Standard    | Change <u>the first</u> "should" to "must".   |
| 8D.09         | 24                  | Guidance                          | Standard    | Change "should" to "must" <u>twice</u> .  |
| 8D.09         | 26                  | Guidance                          | Standard    | Change "should" to "must" <u>three times</u> .  |
| 8D.09         | 31                  | Guidance                          | Standard    | Change "should" to "must" <u>twice</u> .  |
| 8D.09         | 39                  | Guidance                          | Standard    | Change "should" to "must" <u>three times</u> .  |
| 8D.10         | 1                   | Guidance                          | Standard    | Change "should" to "must" <u>four times</u> . Change "100 feet" to "150 feet".  |
| 8D.10         | 3                   | <u>Support Option</u>             | Standard    | Change "Including" to "Include". Change "sign informs" to "sign to inform".   |
| 8D.10         | 4                   | <u>Support Option</u>             | Standard    | Change "Rail operations can include" to "Include".  |
| 8D.12         | 10                  | <del>Guidance</del> <u>Option</u> | Standard    | Change " <del>should</del> <u>may</u> " to "must".  |

**Table 220.2.5 FDOT Modifications to the *MUTCD, Part 8E***

| MUTCD Section | Paragraph or Figure | MUTCD Status | FDOT Status | FDOT Requirement [Additional Information]  |
|---------------|---------------------|--------------|-------------|--|
| 8E.02         | 5                   | Support      | Standard    | <u>[The first sentence of this paragraph remains Support]</u><br><u>For the second sentence, c</u> Change "Providing" to "For new sidewalk grade crossings in C2T, C3, C4, C5, and C6 Context Classifications, provide..." <u>as a Standard.</u>   |
| 8E.03         | 3                   | Guidance     | Standard    | Change "No portion" to "Ensure no portion".<br>Change "support should protrude" to "support hardware protrudes".<br><u>Change "should" to "must".</u>  |
| 8E.04         | 9                   | Guidance     | Standard    | Change "should to must" <u>three times.</u><br>Change "at least 2 feet upstream" to "at least 4 feet upstream."<br>Change "at least 12 feet from the nearest rail" to "between 6 and 15 feet from the centerline of the nearest rail"<br>[See Standard Plans, Index 522-002, Sheet 7 of 7] |