

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". <u>Expand "raised median island is" to "raised median island and/or</u> Add new sentence "T <u>ubular markers are...</u> may be used in combination with or instead of median islands."
8A.06	5	Guidance	Standard	Change <u>first occurrence of "may should" to "must twice.</u> <u>Expand "median islands" to "median islands and/or tubular markers..."</u> <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	[Add new sentence "See also, the Department's "Opening Closure Program" webpage (https://www.fdot.gov/rail/programs/opening-closure) for requirements and resources]
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." Add new sentence "The Crossbuck sign may <u>only</u> be used alone if located at an <u>only for</u> existing <u>passive grade</u> crossings."
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". 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 per See Standard Plans, Index 700-120, Roadside Sign Assembly 8."
8B.09	1	Option	Standard	Change "may" to "must". [Applicable only when sign can be placed without blocking or reducing line of sight to the flashing signals.] <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, install the-a Low Ground Clearance Grade Crossing (W10-5) sign (see Figure 8B-4) in advance of all hump crossings.</u>
8B.18	2	Guidance	Standard	Change "should" to "must" <u>twice</u> .
8B.19	2	Guidance	Standard	Delete "if used." Change "should" to "must."
8B.26	4	Option	Standard	Change "may" to "must"
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	<p>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>...".</p> <p>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."</p> <p><u>Add new sentence "See FDM Exhibits 220-2 through 220-5 for examples."</u></p> <p>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."</p> <p>[See FDM Exhibits 220-2 through 220-5 for examples.]</p>
8C.06	1	Option	Standard	<p>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."</p> <p>Add sentence "Design Variations to not install dynamic envelope markings must be approved by the Chief Engineer of Operations."</p>

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	<p>Change "At highway-rail grade crossings," to "Include".</p> <p>Change "may be included in the assembly and may be operated in" to "devices in the assembly and operated in".</p>
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	<p>Change "should" to "must".</p> <p>Change "If the Dynamic Exit Gate Operation Mode is used, highway vehicle..." to "Use Dynamic <u>Exit</u> Gate Operating Mode with vehicle..."</p> <p>Change "motor vehicles" to "vehicles". [All vehicles must be detected, not only motor vehicles.]</p>

MUTCD Section	Paragraph or Figure	MUTCD Status	FDOT Status	FDOT Requirement [Additional Information]
				Change "should be installed to control" to "to control" Change "should" to "must".
8D.05	8D-2	Standard	Standard	[The figure applies Applicable to both <u>median islands (as shown)</u> and/or <u>tubular markers and/or median islands (shown)</u>]
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	<u>Guidance Option</u>	Standard	Change " should <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	<p>[The first sentence of this paragraph remains Support] For the second sentence, change "Providing" to "For new sidewalk grade crossings in C2T, C3, C4, C5, and C6 Context Classifications, provide... as a Standard."</p>
8E.03	3	Guidance	Standard	<p>Change "No portion" to "Ensure no portion". Change "support should protrude" to "support hardware protrudes". Change "should" to "must".</p>
8E.04	9	Guidance	Standard	<p>Change "should to must" three times. Change "at least 2 feet upstream" to "at least 4 feet upstream." Change "at least 12 feet from the nearest rail" to "between 6 and 15 feet from the centerline of the nearest rail" [See Standard Plans, Index 522-002, Sheet 7 of 7]</p>