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". Expand "raised median island is" to "raised median island and/or ~~Add new sentence "t~~Tubular markers are... ~~may be used in combination with or instead of median islands.~~"
8A.06	5	Guidance	Standard	Change first occurrence of "~~may~~should" to "must" ~~twice~~. Expand "median islands" to "median islands and/or tubular markers..." Change "should also be considered" to "must also be used".
8A.08	6	Guidance	Standard	Change "should" to "must" twice.
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 the second "should" to "must".
8A.09	6	Guidance	Standard	Change "should" to "must" twice.
8A.13	3	Guidance	Standard	Change "should" to "must" twice.
8A.13	5	Guidance	Standard	Change "should" to "must" twice.

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 ~~only~~ be used alone ~~if located at an~~ only for existing passive grade crossings."
8B.04	6	Guidance	Standard	Change "should" to "must" twice.
8B.06	7	Guidance	Standard	Change "should" to "must" twice.
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.] Change "may" to "must".
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" twice.
8B.13	2	Option	Standard	Change “may” to “must” twice.
8B.14	3	Option	Standard	Change the first "may" to "must".
8B.15	1	Option	Standard	Change “may” to “must” twice.
8B.16	1	Guidance	Standard	Replace paragraph with "All new crossings must be designed in accordance with Standard Plans, Index 830-T01. For existing humped crossings to remain, ~~I~~install ~~the~~ a 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" twice.
~~8B.19~~	~~2~~	~~Guidance~~	~~Standard~~	~~Delete “if used.”~~ ~~Change “should” to “must.”~~
~~8B.26~~	~~1~~	~~Option~~	~~Standard~~	~~Change “may” to “must”~~
8B.27	8	Guidance	Standard	Change "should" to "must" three times.
8B.27	10	Guidance	Standard	Change "should" to "must" twice.

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" twice.
8C.03	5	Guidance	Standard	Change the first "should" to "must".
8C.03	6	Guidance	Standard	Change the first "should" to "must".
8C.04	1	Standard	Standard	Delete "stop line of the grade crossing" and replace with "grade crossing pavement marking and the track(s)".

MUTCD Section	Paragraph or Figure	MUTCD Status	FDOT Status	FDOT Requirement [Additional Information]
8C.05	1	Guidance	Standard	Change "should extend up to" to "must be solid for the entire distance between the beginning of each Grade Crossing Pavement Marking Symbol of each approach and extend up to...". 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." Add new sentence "See FDM Exhibits 220-2 through 220-5 for examples." Add [as an Option] 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." ~~[See FDM Exhibits 220-2 through 220-5 for examples.]~~
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." Add sentence "Design Variations to not install dynamic envelope markings must be approved by the Chief Engineer~~ of Operations~~."

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

MUTCD Section	Paragraph or Figure	MUTCD Status	FDOT Status	FDOT Requirement [Additional Information]
8D.01	9	Standard	Deleted	[See FDOT Standard Plans Index 509-070]
8D.02	3	Guidance	Standard	Change "should" to "must" three times.
8D.02	5	Option	Standard	Change "At highway-rail grade crossings," to "Include". Change "may be included in the assembly and may be operated in" to "~~devices~~ in the assembly and operate~~d~~ in".
8D.02	15	Guidance	Standard	Change the first "should" to "must".
8D.05	10	Standard	Standard	Change "median islands (see Figure 8D-2) shall" to "median islands (see Figure 8D-2~~0~~) and/or tubular markers shall".
8D.05	15	Guidance	Standard	~~Change "should" to "must".~~ Change "If the Dynamic Exit Gate Operation Mode is used, highway vehicle..." to "Use Dynamic Exit Gate Operating Mode with vehicle....". 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” Change "should" to "must".
8D.05	8D-2	Standard	Standard	[The figure appliesApplicable to both median islands (as shown) and/or tubular markers and/or median islands (shown)]
8D.06	3	Guidance	Standard	Change "should" to "must" three times.
8D.07	6	Guidance	Standard	Change "should" to "must" twice.
8D.09	4	Guidance	Standard	Change "should" to "must" twice.
8D.09	14	Guidance	Standard	Change the first "should" to "must".
8D.09	24	Guidance	Standard	Change "should" to "must" twice.
8D.09	26	Guidance	Standard	Change "should" to "must" three times.
8D.09	31	Guidance	Standard	Change "should" to "must" twice.
8D.09	39	Guidance	Standard	Change "should" to "must" three times.
8D.10	1	Guidance	Standard	Change "should" to "must" four times. Change "100 feet" to "150 feet".
8D.10	3	Support Option	Standard	Change "Including" to "Include". Change "sign informs" to "sign to inform".
8D.10	4	Support Option	Standard	Change "Rail operations can include" to "Include".
8D.12	10	Guidance Option	Standard	Change "shouldmay" 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	[The first sentence of this paragraph remains Support] For the second sentence, c~~C~~hange "Providing" to "For new sidewalk grade crossings in C2T, C3, C4, C5, and C6 Context Classifications, provide..." as a Standard.~~.~~
8E.03	3	Guidance	Standard	Change "No portion" to "Ensure no portion". Change "support should protrude" to "support hardware protrudes". Change “should” to “must”.
8E.04	9	Guidance	Standard	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]