



Florida Department of Transportation

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TRAFFIC ENGINEERING AND OPERATIONS BULLETIN 18-03

DATE: November 1, 2018

TO: District Traffic Operations Engineers, District Design Engineers, District Maintenance Engineers, District Program Management Engineers and Administrators

FROM: V. Y. "Trey" Tillander III, P.E.
Director, State Traffic Engineering and Operations Office 

COPIES: Courtney Drummond, Tim Lattner, Rudy Powell, Stefanie Maxwell, State Traffic Engineering and Operations Office, Khoa Nguyen (FHWA), Frank Corrado (FHWA)

SUBJECT: **2019 Traffic Engineering Manual**

This bulletin announces the release of the 2019 Traffic Engineering Manual (TEM) which is available on the State Traffic Engineering and Operations website:
<http://www.fdot.gov/traffic/TrafficServices/Studies/TEM/TEM.shtm>

SUMMARY OF REVISIONS

- **Chapter 2 Signs**
 - **Section 2.6.1 – BRIDGE AND SIGN STRUCTURE LOW CLEARANCE SIGNS:** First paragraph modified to clarify location of sign placement.
 - **Section 2.15 – SMOKE ON HIGHWAY SIGNS:** Entire section updated.
 - **Section 2.29 – USE OF FLUORESCENT YELLOW-GREEN SHEETING:** Entire section rescinded and the language is now included in the FDOT Standard Specifications for Road and Bridge Construction Section 700.
- **Chapter 3 Signals**
 - **Section 3.4 – EMERGENCY TRAFFIC CONTROL SIGNALS:** Updated Figure 3.4-1 and eliminated Figure 3.4-2 by incorporation to improve comprehension and legibility.

- **Section 3.7 – ACCESSIBLE PEDESTRIAN SIGNALS:** Entire section updated; updated change from ‘audible’ to ‘accessible’ language.
- **Section 3.8.3 – DEFINITIONS:** Updated the following definitions to agree with MUTCD definitions: *Marked Crosswalk, Midblock, Pedestrian Hybrid Beacon, Two-stage marked crosswalk, Uncontrolled approach, Unmarked crosswalk.*
- **Section 3.8.5 – INSTALLATION CRITERIA AND CONSIDERATIONS:** Modified paragraph (3)(b) threshold language.
- **Section 3.8.5 – INSTALLATION CRITERIA AND CONSIDERATIONS:** Modified paragraph (5)(d) to include two-stage crossings.
- **Section 3.8.6 – PEDESTRIAN CROSSING TREATMENTS:** Modified paragraph (4)(a) to agree with MUTCD 4D.01 for mid-block crosswalks.
- **Section 3.8.6 – PEDESTRIAN CROSSING TREATMENTS:** Modified paragraph (4)(c) to include crossings with median refuge islands.
- **Section 3.8.6 – PEDESTRIAN CROSSING TREATMENTS:** Modified paragraph (6)(a) to include language that approval from FHWA for interim use is required for any local agency; updated policy memorandum number IA-11 to IA-21 since IA-11 is terminated.
- **Section 3.8.7 – SELECTION GUIDANCE FOR PEDESTRIAN TREATMENTS:** Modified paragraph (1)(b) to clarify engineering study requirements.
- **Section 3.10 – FLASHING YELLOW ARROW SIGNAL APPLICATION:** New section added.
- **Chapter 4 Markings**
 - **Section 4.5.2 – DEFINITIONS:** New definitions added.
 - **Section 4.6 – USE OF INTERNALLY ILLUMINATED RAISED PAVEMENT MARKERS:** New section added.

BACKGROUND

- Section 2.6.1: Ensure consistent implementation.
- Section 2.15: Ensure consistency with the revised *Cooperative Agreement For Response To And Management Of Smoke Intrusion On Florida Highways*.
- Section 2.29: Ensure consistency with the FDOT Standard Specifications.
- Section 3.4: Ensure consistent implementation.
- Section 3.7: Ensure accurate and consistent implementation.
- Section 3.8: Ensure accurate and consistent implementation.
- Section 3.8.5: Ensure consistent implementation.
- Section 3.10: Ensure accurate and consistent implementation.
- Section 4.5.2: Ensure consistent implementation.
- Section 4.6: Ensure consistent implementation.

IMPLEMENTATION

These changes are effective on projects beginning design on or after January 1, 2019 and on projects currently in the design phase where implementation will not adversely impact production schedules.

CONTACT

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