

Origination Form

Specifications

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Date:	2025-06-29T12:47:25Z	Associated Specs:	N/A

Summary:

The proposed changes: 1. Clarify/emphasize that ped actuation signs must be installed without damaging sign sheeting. 2. Require that passwords used by Accessible Pedestrian Pushbuttons are changed from the factory default.

Justification:

The language needs to be changed for clarity and to address stakeholder needs.

Do the changes affect other types of specifications?

Neither

List Specifications Affected:

Other Affected Documents/Offices	Contacted	Yes/No
Other Standard Plans		No
Florida Design Manual		No
Structures Manual		No
Basis of Estimates Manual		No
Approved Product List		No
Construction Office		No
Maintenance Office		No
Materials Manual		No
Traffic Engineering Manual		No

Are changes in line with promoting and making progress on improving safety, enhancing mobility, inspiring innovation, and fostering talent; explain how?

Yes. Changes reflect stakeholder needs, update and clarify technical requirements, and improve consistency and quality of specification content.

What financial impact does the change have; project costs, pay item structure, or consultant fees?

No expected financial impact.

What impact does the change have on production or construction schedules?

No expected impacts to production or construction schedules.

How does this change improve efficiency or quality?

Changes improve efficiency and quality by updating requirements to address user needs, fostering consistency, and adhering to standardized formatting styles.

Which FDOT offices does the change impact?

Traffic Engineering and Operations Office

What is the impact to districts with this change?

Districts will benefit from updated requirements that address needs, provide additional clarity, and reflect best practices.

Does the change shift risk and to who?

No expected shift in risk.

Provide summary and resolution of any outstanding comments from the districts or industry.

Comments and Responses are available on the Track the Status of Revisions hyperlink located on the Specifications landing page: <https://www.fdot.gov/programmanagement/Specs.shtm>

What is the communication plan?

Through the established specification revision process (e.g., Internal and Industry Review)

What is the schedule for implementation?

The Standard Specifications eBook and Workbook are effective July 1st every year.

PEDESTRIAN DETECTION SYSTEM (REV 6-29-25)

ARTICLE 665-2 is deleted and the following substituted:

665-2 Materials.

Meet the following requirements:

Standard Pedestrian Pushbutton Detector*	995-9.2
Accessible (Audible/Tactile) Pedestrian Pushbutton Detectors*	995-9.3
Passive Detectors*	995-9.4
Type XI Retroreflective Sign Sheeting <u>Pedestrian Actuation Signs</u> *	Section
Aluminum Poles, Pedestals, Posts*	Section 646

994700

*Use products listed on the Department's APL.

ARTICLE 665-4 is deleted and the following substituted:

665-4 Installation.

Install pedestrian detectors at the locations and in a manner as shown in the Plans and Standard Plans, Index 665-001. Ensure all detectors are the same manufacturer and model.

Pushbuttons mounted on wood poles must be serviced by a conduit riser. Pushbuttons mounted on steel or aluminum (poles, pedestals, or posts) must be serviced by wiring inside the pole. Pushbuttons mounted on existing concrete poles may be serviced by a conduit riser. Pushbuttons mounted on new concrete poles or pedestals must be serviced by wiring on the inside.

A pedestrian actuation sign that meets MUTCD requirements or Standard Plans Index 700-102 must be included with each pushbutton assembly. Install pedestrian actuation signs in accordance with the ~~sheeting~~ Plans, the manufacturer's recommendations, and without damaging the sign sheeting. Tactile arrows of accessible pedestrian pushbuttons must align parallel with the direction of the crossing.

When mounting, place the detector housing or saddle in complete contact with the pole or controller cabinet. When a post is required in the installation of the pedestrian detector, restore the area around the post to its original condition or as required by the Plans.

Ensure that all Accessible Pedestrian Pushbutton Detector passwords are changed from the factory default value to a password coordinated with the local maintaining agency.