



*Florida Department of Transportation*

RON DESANTIS  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.  
SECRETARY

August 27, 2024

Cathy Kendall  
Director, Office of Technical Services  
Federal Highway Administration  
3500 Financial Plaza, Suite 400  
Tallahassee, Florida 32312

Re: State Specifications Office  
Section: 665  
Proposed Specification: **66502000 Pedestrian Detection System**

Dear Ms. Kendall:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

The changes are proposed by Ronald Meyer to update requirements based on stakeholder input and for consistency with warranty language for other traffic control devices.

Please review and transmit your comments, if any, within two weeks (10 business days). Comments should be sent via email [daniel.strickland@dot.state.fl.us](mailto:daniel.strickland@dot.state.fl.us).

If you have any questions relating to this specification change, please call me at (850) 414-4130.

Sincerely,

Signature on File

Daniel Strickland, P.E.  
State Specifications Engineer

DS/jb

Attachment

cc: Florida Transportation Builders' Assoc.  
State Construction Engineer

## PEDESTRIAN DETECTION SYSTEM.

(REV 8-16-24)

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\* .....Section 994

Aluminum Poles, Pedestals, Posts\* .....Section 646

\*Use products listed on the Department's APL.

~~Use pedestrian detection systems that meet the requirements of Section 995 and are listed on the Department's Approved Product List (APL). For the pedestrian actuation sign, use Type XI retroreflective sign sheeting meeting the requirements of Section 994 and the Standard Plans, Index 700-102.~~

ARTICLE 665-3 is deleted and the following substituted:

### 665-3 Warranty.

Ensure that pedestrian detection systems have a manufacturer's warranty covering defects for a minimum of 53 years from the date of final acceptance ~~by the Engineer in accordance with 5-11 and Section 608~~. Ensure the warranty includes providing replacements, within 10 calendar days of notification, for defective parts and equipment during the warranty period at no cost to the Department or the maintaining agency.

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 sign in accordance with the sheeting manufacturer's recommendations. 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.

**PEDESTRIAN DETECTION SYSTEM.**

**(REV 8-16-24)**

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\* .....Section 994
- Aluminum Poles, Pedestals, Posts\* .....Section 646

\*Use products listed on the Department’s APL.

ARTICLE 665-3 is deleted and the following substituted:

**665-3 Warranty.**

Ensure that pedestrian detection systems have a manufacturer’s warranty covering defects for a minimum of 3 years from the date of final acceptance. Ensure the warranty includes providing replacements, within 10 calendar days of notification, for defective parts and equipment during the warranty period at no cost to the Department or the maintaining agency.

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 sign in accordance with the sheeting manufacturer’s recommendations. 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.