ORIGINATION FORM
Proposed Revisions to the Specifications

Date: **Office:**

Originator: **Specification Section:**

Telephone: **Article/Subarticle:**

email:

**Will the proposed revision require changes to:

Publication	Yes	No	Office Staff Contacted and date contacted
Standard Plans Index			
Traffic Engineering Manual			
FDOT Design Manual			
Construction Project Administration Manual			
Basis of Estimate/Pay Items			
Structures Design Guidelines			
Approved Product List			
Materials Manual			

   **This section must be completed prior to processing proposed revisions.

Will this revision necessitate any of the following:

Design Bulletin   **Construction Bulletin**   **Estimates Bulletin**   **Materials Bulletin**

Are all references to external publications current?   Yes   No

If not, what references need to be updated? (Please include changes in the redline document.)

Why does the existing language need to be changed?

Summary of the changes:

Are these changes applicable to all Department jobs?   Yes   No
If not, what are the restrictions?

M E M O R A N D U M

DATE: May 28, 2020

TO: Specification Review Distribution List

FROM: Daniel Strickland, P.E., State Specifications Engineer

SUBJECT: Proposed Specification: **6650202 Pedestrian Detection System.**

      In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change.

      This change was proposed by Derek Vollmer by the Traffic Engineering and Operations Office to update the solid-state detection outputs to meet the requirements of NEMA TS2-2016.

      Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or online at
http://fdotewp1.dot.state.fl.us/programmanagement/development/industryreview.aspx .
Comments received after **June 25, 2020,** may not be considered. Your input is encouraged.

DS/rf

Attachment

PEDESTRIAN DETECTION SYSTEM
(REV 5-5-20)

SUBARTICLE 665-2.2.3 is deleted and following substituted:

665-2.2.3 Communication: The CCU must include an Ethernet interface. The CCU must have an integral web server that provides information on audible/tactile pedestrian-pushbutton detector status, access to event logs, and provides for remote Configuration of accessible pedestrian pushbutton detector system options. VPBs must include an Ethernet, serial, ~~or~~ USB, or Bluetooth programming interface.

SUBARTICLE 665-2.3.1 is deleted and the following substituted:

665-2.3.1 General: A passive detector system uses one or more sensors and analytics hardware and software to detect ~~pedestrian movement presence, and provides a detection output.~~ the presence and direction of pedestrians and activate the traffic control device without any required action by the pedestrian.

SUBARTICLE 665-2.3.3 is deleted and the following substituted:

665-2.3.3: Solid State Detection Outputs: Ensure outputs meet the requirements of NEMA TS2-~~2003~~2016, 6.5.2.26.