

**ORIGINATION FORM**  
**Proposed Revisions to the Specifications**  
(Please provide all information - incomplete forms will be returned)

**Date:** \_\_\_\_\_ **Office:** \_\_\_\_\_  
**Originator:** \_\_\_\_\_ **Specification Section:** \_\_\_\_\_  
**Telephone:** \_\_\_\_\_ **Article/Subarticle:** \_\_\_\_\_  
**Email:** \_\_\_\_\_ **Associated Section(s) Revisions:** \_\_\_\_\_

**Will the proposed revision require changes to the following Publications:**

<b>Publication</b>	<b>Yes</b>	<b>No</b>	<b>Office Staff Contacted</b>	<b>Date</b>
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				
Maintenance Specs				

**Will this revision necessitate any of the following:**

**Design Bulletin      Construction (DCE Memo)      Estimates Bulletin      Materials Bulletin**

**Have all references to internal and external publications in this Section been verified for accuracy?**

**Synopsis: Summarize the changes:**

**Justification: Why does the existing language need to be changed?**

**Do the changes affect either of the following types of specifications (Hover over type to go to site.):**

**Special Provisions      Developmental Specifications**

**List Specifications Affected: (ex. SP3270301, Dev330TL, Dev334TL etc.)**

**Contact the State Specifications Office for assistance completing this form.**

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- 1. Are changes in line with promoting and making meaningful progress on improving safety, enhancing mobility, inspiring innovation, and fostering talent; explain how?**
  
- 2. What financial impact does the change have; project cost, pay item structure, or consultant fees?**
  
- 3. What impacts does the change have on production or construction schedules?**
  
- 4. How does this change improve efficiency or quality?**
  
- 5. Which FDOT offices does the change impact?**
  
- 6. What is the impact to districts with this change?**
  
- 7. Does the change shift risk and to who?**
  
- 8. Provide summary and resolution of any outstanding comments from the districts or industry.**
  
- 9. What is the communication plan?**
  
- 10. What is the schedule for implementation?**

**GENERAL REQUIREMENTS FOR TRAFFIC CONTROL SIGNALS AND DEVICES.  
(REV 8-10-23)**

SUBARTICLE 603-2.6 is deleted and the following is substituted:

**603-2.6 Environmental Specifications:** Ensure system electronics intended for installation outdoors or within a roadside cabinet satisfactorily performs all required functions during and after being subjected to the environmental testing described in National Electrical Manufacturers Association (NEMA) ~~TS~~TS 2-2021, Sections 2.2.7, 2.2.8, and 2.2.9.

ARTICLE 603-3 is deleted and the following is substituted:

**603-3 Definitions.**

Traffic Control Signals and Devices: Any signal or device; manually, electrically, or mechanically operated, by which traffic is alternately directed to stop and permitted to proceed or controlled in any manner. Traffic control signals and devices regulate, warn, or guide traffic on, over or adjacent to a street, highway, pedestrian facility, or bikeway by authority of a public agency having jurisdiction. Traffic control signals and devices include, ~~but are not limited to,~~ controller assemblies (controller cabinets and their contents); signal heads including their hanging or mounting devices; vehicle detection systems ; pedestrian detection systems; motorist information systems, video equipment, network devices, ~~dynamic message signs~~electrically powered signs, ~~highway advisory radios~~, cameras, and other equipment used within a traffic control system.

ARTICLE 603-5 is deleted and the following is substituted:

**603-5 Submittal Data Requirements.**

Prior to the installation of equipment and within 30 days after the preconstruction conference, submit a listing of all traffic control signals, devices, and hardware with Department APL approval numbers to the Engineer for approval on Form 750-010-02, Submittal Data - Traffic Control Equipment. Alternate or modified forms are unacceptable. Submit a separate form for each cabinet location. For non-structural equipment or materials that do not have an APL approval number, submit the manufacturer's descriptive literature and technical data fully describing the equipment to the Engineer for approval. The Engineer will submit forms received from the Contractor to the District Traffic Operations Engineer for concurrence.

Develop shop drawings for all structural support materials and other special designs, such as non-electrical, non-mechanical, or other fabricated items, which may not be specifically detailed in the Plans ~~Have the Specialty Engineer approve all shop drawings. Do not submit shop drawings for those items that have been previously evaluated and approved.~~ Provide a complete operable signal installation as specified in the Contract regardless of any failure of the Department to discover or note any unsatisfactory material.

ARTICLE 603-6 is deleted and the following is substituted:

**603-6 Documentation for Electronic Equipment.**

Prior to final acceptance, submit the following documentary ~~item~~tion obtained from the manufacturer for the electronic equipment listed below:

1. Operation Manual
2. Troubleshooting and Service Manual
3. Assembly and installation instructions
- ~~4. Pictorial layout of components and schematics for circuit boards~~
- ~~5. Parts list~~
- ~~6. Diagram of the field installation wiring (not as applicable to the detectors)~~
- ~~7. Warranty information~~

Submit documentary ~~item~~tion for the following equipment:

1. Controllers
2. Vehicle detectors
3. Load switches
4. Flasher units
5. Preemption units
6. Conflict monitors
7. Special sequence relays
8. Cameras
9. Dynamic message signs
- ~~10. Highway advisory radios~~
- ~~11. Road weather information systems~~
- ~~12. Any other equipment which has a logic, timing, or communications function~~
- ~~13. Other equipment specified in the Contract Documents~~