

ORINATION 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:

Publication	Yes	No	Office Staff 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			
Maintenance Specs			

Will this revision necessitate any of the following:

Design Bulletin

Construction Bulletin

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 in completing this form.

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TRAFFIC CONTROLLERS (REV 7-20-22)

SECTION 671 is deleted and the following substituted:

671-1 Description.

Furnish and install a traffic controller unit as shown in the Plans. Meet the requirements of Section 603.

671-2 Materials.

Use traffic controllers listed on the Department's Approved Product List (APL).
~~Ensure equipment is permanently marked with the manufacturer's name or trademark, part number, and serial number.~~

~~Controllers must meet the following applicable industry standards:~~

~~NEMA TS2 Controller — NEMA TS 2 2016~~

~~Model 2070 Controller —~~

~~CALTRANS TEES, 2009 ERRATA No. 2~~

~~Note: All controllers must meet AASHTO/ITE/NEMA ATC 5201, v06.25.~~

~~All controllers must provide functionality that meets or exceeds operational characteristics, including NTCIP support, as described in NEMA TS 2 2016.~~

~~All controllers must:~~

~~1. Capture all mandatory event-based data elements listed in supplemental requirement SR-671-2, Supplemental Traffic Controller High Resolution Data Logging Requirements, as published on the Department's State Traffic Engineering and Operations Office website at the following URL: <https://www.fdot.gov/traffic/Traf Sys/Product Specifications.shtm>.~~

~~2. Provide and make Management Information Bases (MIBs) available for Traffic Signal Controller Broadcast Messages (TSCBM) to local agencies and FDOT that are compatible with Society of Automotive Engineer (SAE) J2735 201603.~~

~~3. Support programming of destination Internet Protocol (IP) addresses via controller front panel for interface with Dedicated Short Range Communication (DSRC) Roadside Units (RSU), also called Vehicle to Infrastructure (V2I) Hubs.~~

If shown in the Plans, new installations must include controllers that will deactivate the dimming circuit of LED street lighting during pedestrian activations. Pedestrian detector diagnostics must be activated when this feature is used.

671-3 Installation requirements.

Install and configure traffic controllers in accordance with the Plans and the manufacturer's recommendations.

671-34 Method of Measurement.

The Contract unit price each for traffic controller, furnished and installed, will include all materials specified in the Contract Documents, and all labor, equipment, and miscellaneous materials necessary for a complete and acceptable installation.

No separate payment will be made for a traffic controller when included with the Traffic Controller Assembly per section 670. ~~No separate payment will be made for the controller; payment is included with the Traffic Controller Assembly.~~

671-5 Basis of Payment.

Price and payment will be full compensation for all work specified in this Section.

Payment will be made under:

Item 671- 2- Traffic Controller - each