



Florida Department of Transportation

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JARED W. PERDUE, P.E.
SECRETARY

September 21, 2022

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

Re: State Specifications Office
Section: **671**
Proposed Specification: **6710000 Traffic Control.**

Dear Mr. Nguyen:

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

The changes are proposed by Matt DeWitt from the Traffic Engineering and Operations Office to modify the content as it is being moved as part of the ongoing Department effort to move all materials requirements from Division II and Division III. This change is associated with the proposed changes to Section 995.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to 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/ra

Attachment

cc: Florida Transportation Builders' Assoc.
State Construction Engineer

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

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(REV 7-20-22)

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671-3 Installation Requirements.

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

671-4 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.

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