

ORIGINATION FORM

Date: **10-31-2013**

Originator: Jeff Morgan

Contact Information: Traffic Engineering and Operations, Traffic Systems Section
850-410-5600

Specification Title: **TRAFFIC CONTROLLERS**

Specification Section, Article, or Subarticle Number: 671

Why does the existing language need to be changed? Requirements previously contained in the Minimum Specifications for Traffic Control Signals and Devices (MSTCSD) must be consolidated into the Standard Specifications for Road and Bridge Construction (SSRBC). The consolidation effort is an ongoing project of the FDOT Central Office "Consolidation of Products and Specifications" (COPS) working group in conjunction with the C-team.

Summary of the changes: Added content for material requirements into the existing SSRBC section.

Are these changes applicable to all Department jobs? If not, what are the restrictions? This requirement has typically been applicable to all jobs in the past, specifically those including Traffic Controllers.

Will these changes result in an increase or decrease in project costs? If yes, what is the estimated change in costs? No increase or decrease in project costs is expected.

With who have you discussed these changes? In-house stakeholders (Traffic Engineering and Operations, Specifications, Construction, and Roadway Design staff).

What other offices will be impacted by these changes? Specifications and Estimates, Construction, Maintenance, and Roadway Design.

Are changes needed to the PPM, Design Standards, SDG, CPAM or other manual? No.

Is a Design Bulletin, Construction Memo, or Estimates Bulletin needed? No.

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

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ANANTH PRASAD, P.E.
SECRETARY

MEMORANDUM

DATE: November 25, 2013
TO: Specification Review Distribution List
FROM: Daniel Scheer, P.E., State Specifications Engineer
SUBJECT: Proposed Specification: **6710000 Traffic Controllers.**

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

This change was proposed by Jeff Morgan to add content for material requirements into the Specifications.

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 to my attention via e-mail at SP965DS, or daniel.scheer@dot.state.fl.us. Comments received after **December 23, 2013**, may not be considered. Your input is encouraged.

DS/cah
Attachment

TRAFFIC CONTROLLERS.
(REV 11-25186-13)

SECTION 671 is deleted and the following substituted:

SECTION 671
TRAFFIC CONTROLLERS

671-1 Description.

Furnish and install ~~This Section specifies the provisions for the measurement and payment for NEMA, Types D4-4, and D8 and Model 170, Model 2070 or ATC controller units 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 manufacturer name or trademark, part number, and serial number* ~~that all traffic controllers are marked in accordance with Section 603 and the markings are visible after installation.~~

Controllers must meet the following applicable industry standards:

<i>NEMA TS1 Controller</i>	<i>NEMA TS-1-1989</i>
<i>NEMA TS2 Controller</i>	<i>NEMA TS-2-2003</i>
<i>Model 170 Controller</i>	<i>CALTRANS TEES, 2009</i>
<i>Model 2070 Controller</i>	<i>CALTRANS TEES, 2009</i>
<i>ATC Controller</i>	<i>AASHTO/ITE/NEMA ATC 5.2b</i>

All controllers must provide functionality that meets or exceeds operational characteristics, including NTCIP support, described in NEMA TS-2-2003.

671-3 Method of Measurement.

No separate payment will be made for the controller; payment is included with the Traffic Controller Assembly.

~~671-3.1 General: Measurement for payment will be in accordance with the following work tasks.~~

~~671-3.2 Furnish and Install: The Contract unit price each for traffic controller unit, furnished and installed, will include furnishing a controller unit and harness cable as specified in the Contract Documents, and all labor and miscellaneous materials necessary for a complete and accepted installation.~~

~~671-3.3 Furnish: The Contract unit price each for traffic controller unit, furnished, will include the controller unit and harness cable as specified in the Contract Documents, plus all shipping and handling costs involved in delivery as specified in the Contract Documents.~~

~~671-3.4 Install: The Contract unit price each for traffic controller unit, installed, will include all labor, equipment, and miscellaneous materials necessary for a complete and accepted installation. The Engineer will supply all materials as specified in the Contract Documents.~~

~~671-3.5 Modify: The Contract unit price each for traffic controller unit, modified as specified in the Contract Documents, will include all labor, equipment, and miscellaneous materials necessary for a complete and accepted installation.~~

~~671-4 Basis of Payment.~~

6710000
All Jobs

~~Price and payment will be full compensation for all work specified in this Section.~~
~~Payment will be made under:~~
~~Item No. 671-2 Traffic Controller each.~~