



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

January 14, 2014

Chad Thompson
Programs Operations Engineer
Federal Highway Administration
545 John Knox Road, Suite 200
Tallahassee, Florida 32303

Re: State Specifications and Estimates Office
Section **671**
Proposed Specification: **6710000 Traffic Controllers.**

Dear Mr. Thompson:

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

These changes were proposed by Jeff Morgan to add content for material requirements into the Specifications.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to SP965DS or daniel.scheer@dot.state.fl.us.

If you have any questions relating to this specification change, please call me at 414-4130.

Sincerely,

Daniel Scheer, P.E.
State Specifications Engineer

DS/cah
Attachment

cc: Florida Transportation Builders' Assoc.
State Construction Engineer

TRAFFIC CONTROLLERS.

(REV 11-25/186-13)

SECTION 671 is deleted and the following substituted:

**SECTION 671
TRAFFIC CONTROLLERS**

671-1 Description.

Furnish and install a ~~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.~~

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All Jobs

~~—————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.~~

~~—————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.~~

TRAFFIC CONTROLLERS.
(REV 11-25-13)

SECTION 671 is deleted and the following substituted:

SECTION 671
TRAFFIC CONTROLLERS

671-1 Description.

Furnish and install a NEMA, Model 170, Model 2070 or ATC 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 manufacturer name or trademark, part number, and serial number.

Controllers must meet the following applicable industry standards:

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

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.