



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

September 5, 2014

Khoa Nguyen
Director, Office of Technical Services
Federal Highway Administration
545 John Knox Road, Suite 200
Tallahassee, Florida 32303

Re: State Specifications and Estimates Office
Section
Proposed Specification: **6700000 Traffic Controller Assemblies.**

Dear Mr. Nguyen:

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

This change is proposed by Alan El-Urfali of the State Traffic Engineering and Operations Office to consolidate material requirements from the Minimum Specifications for Traffic Control Signals and Devices (MSTCSD) and the Standard Specifications for Road and Bridge Construction (SSRBC). This activity is a planned part of an ongoing specification consolidation effort and resulted in updating references for controller assemblies.

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,

Signature on file

Daniel Scheer, P.E.
State Specifications Engineer

DS/dt

Attachment

cc: Florida Transportation Builders' Assoc.
State Construction Engineer

TRAFFIC CONTROLLER ASSEMBLIES.

(REV ~~5-297-29-14~~)

SECTION 670 is deleted and the following substituted:

SECTION 670 TRAFFIC CONTROLLER ASSEMBLIES

670-1 Description.

Furnish and install a traffic controller assembly or flashing intersection control beacon controller assembly *as shown in the Plans. Meet the requirements of Section 603.*

670-2 Materials.

Use a traffic controller assembly or intersection control beacon controller assembly listed on the Department's Approved Product List (APL). ~~Ensure that the t~~Traffic controller assembly ~~ies or~~and intersection control beacon controller assembly ~~ies is~~must be permanently marked with manufacturer name or trademark, ~~as well as~~ part number and serial number. ~~Ensure that the m~~Markings ~~are~~must be visible after installation.

Provide a traffic controller assembly consisting of a traffic controller, traffic controller accessories (including monitors, load switches, flasher, flash transfer relay, power supplies), and other equipment wired into a controller cabinet to make a complete and operational assembly. All traffic controller assemblies must provide functionality that meets or exceeds operational characteristics, including NTCIP support, as described in NEMA TS-2-2003.

670-2.1 Traffic Controller: Meet the requirements of Section 671.

670-2.2 Traffic Controller Accessories: Meet the requirements of Section 678.

670-2.3 Controller Cabinet: Meet the requirements of Section 676.

670-2.4 Flashing Intersection Control Beacon Controller Assembly: A flashing intersection control beacon controller assembly must consist of a Type 3 flasher wired into a Type 1 controller cabinet to make a complete and operational assembly.

670-3 Installation Requirements.

670-3.1 Controller Cabinets: Meet the requirements of Section 676.

670-3.2 Field Wiring: Meet the requirements of Sections 632 and 676.

670-3.3 Grounding: Meet the requirements of Sections 620 and 676.

670-3.4 Equipment Placement: Install all equipment in the cabinet in accordance with the manufacturer's recommendations.

670-4 Method of Measurement.

The Contract unit price per assembly for traffic controller assembly or intersection control beacon controller assembly will include all labor, equipment, and miscellaneous materials necessary for a complete and accepted installation.

670-5 Basis of Payment.

Prices and payments will be full compensation for all work specified in this Section. Payment will be made under:

6700000

All Jobs

- Item No. 670- 4- Intersection Control Beacon Controller Assembly - per assembly.
- Item No. 670- 5- Traffic Controller Assembly - per assembly.

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