

## ORIGINATION FORM

Date: **6-7-13**

Originator: Ron Meyer

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

Specification Title: **TRAFFIC CONTROLLER ASSEMBLY**

Specification Section, Article, or Subarticle Number: 670

Why does the existing language need to be changed? The existing content needs to be updated to help differentiate intersection control beacons from other types of flashing beacons and to replace a reference to Section 603 with standard language concerning product marking (labeling) requirements. The 670-4 pay item has existed and been used for some time for intersection control beacon controller assemblies, but the specification did not indicate this Item No. in the Basis of Payment subarticle. The title of the section is also being changed from “Traffic Controller Assembly” to “Traffic Controller Assemblies” for consistency with other recent and similar section titles.

Summary of the changes: Changed “flashing beacon controller” to “intersection control beacon controller”, updated marking requirements, and summarized/consolidated method of measurement content, added Item No. 670-4 to Basis of Payment subarticle.

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 that include traffic controller assemblies.

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 Office staff, Specifications Office 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 significant changes. Coordination of any minor changes to other documents (cross-references, etc.) is an ongoing effort of the Consolidation of Products and Specifications (COPS) working group in conjunction with the C-team.

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

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

Daniel Scheer 850-414-4130 [daniel.scheer@dot.state.fl.us](mailto:daniel.scheer@dot.state.fl.us)

Frances Thomas 850-414-4101 [frances.thomas@dot.state.fl.us](mailto:frances.thomas@dot.state.fl.us)

Debbie Toole 850-414-4114 [deborah.toole@dot.state.fl.us](mailto:deborah.toole@dot.state.fl.us)  
Andy Harper 850-414-4127 [clifton.harper@dot.state.fl.us](mailto:clifton.harper@dot.state.fl.us)  
Ray Haverty 850-414-4129 [ray.haverty@dot.state.fl.us](mailto:ray.haverty@dot.state.fl.us)



## *Florida Department of Transportation*

**RICK SCOTT**  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

**ANANTH PRASAD, P.E.**  
SECRETARY

### **MEMORANDUM**

**DATE:** July 3, 2013  
**TO:** Specification Review Distribution List  
**FROM:** Daniel Scheer, P.E., State Specifications Engineer  
**SUBJECT:** Proposed Specification: **670 Traffic Controller Assemblies**

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

The changes are proposed by Alan El-Urfali to help differentiate intersection control beacons from other types of flashing beacons and to replace a reference to Section 603 with standard language concerning product marking (labeling) requirements. The 670-4 pay item has existed and been used for some time for intersection control beacon controller assemblies, but the specification did not indicate this Item No. in the Basis of Payment subarticle. The title of the section is also being changed from "Traffic Controller Assembly" to "Traffic Controller Assemblies" for consistency with other recent and similar section titles.

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](mailto:daniel.scheer@dot.state.fl.us). Comments received after **July 30, 2013**, may not be considered. Your input is encouraged.

DS/ft  
Attachment

**TRAFFIC CONTROLLER ASSEMBLIES.**  
(REV 6-7-13)

**SECTION 670**  
**TRAFFIC CONTROLLER ASSEMBLIES**

**670-1 Description.**

*Furnish and* install a traffic controller assembly or flashing *intersection control* beacon controller assembly.

**670-2 Materials.**

Use a traffic controller assembly or ~~flashing~~*intersection control* beacon controller assembly listed on the Department's Approved Product List (APL). Ensure that the traffic controller assembly or ~~flashing~~*intersection control* beacon controller assembly is *permanently marked with manufacturer name or trademark as well as part number and serial number* ~~marked in accordance with Section 603.~~ *Ensure* and that the markings are visible after installation.

**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.**

~~**670-4.1 General:** Measurement for payment will be in accordance with the following work tasks.~~

~~**670-4.2 Furnish and Install:** The Contract unit price per assembly for traffic controller assembly or *flashing intersection control* beacon controller assembly, ~~furnished and installed,~~ will include all ~~equipment specified in the Contract Documents, and all~~ labor, equipment, and miscellaneous materials necessary for a complete and accepted installation.~~

~~**670-4.3 Furnish:** The Contract unit price per assembly for traffic controller assembly or *flashing intersection control* beacon controller assembly, furnished, will include all equipment specified in the Contract Documents, plus all shipping and handling costs involved in delivery as specified in the Contract Documents.~~

~~**670-4.4 Install:** The Contract unit price per assembly for traffic controller assembly or *flashing intersection control* beacon controller assembly, installed, will include all labor, equipment, and miscellaneous materials necessary for a complete and acceptable installation. The Engineer will supply the equipment specified in the Contract Documents.~~

**670-5 Basis of Payment.**

Prices and payments will be full compensation for all work specified in this Section.

Payment will be made under:

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

Item No. 670- 5- Traffic Controller Assembly - per assembly.