

ORIGINATION FORM

Date: November 20, 2012

Originator: Chester Henson

Contact Information: chester.henson@dot.state.fl.us

Specification Title: Highway Lighting System

Specification Section, Article, or Subarticle Number: Section 715-5 and 715-9

Why does the existing language need to be changed? Section 630 is being rewritten to include the materials and installation of all conduit.

Summary of the changes: Conduit material requirements in Section 992 are now included in Section 630. Installation requirements in Section 715-5 are now included in Section 630. Conduit and Ducts (Section 715-9) are now included in Section 630.

Are these changes applicable to all Department jobs? Yes

Will these changes result in an increase or decrease in project costs? No substantial change in cost.

With who have you discussed these changes? Traffic Operations, Construction, Specifications and Industry.

What other offices will be impacted by these changes? Traffic Operations and Specifications

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

Is a Design Bulletin, Construction Memo, or Estimates Bulletin needed? Yes

Contact the State Specifications Office for assistance in completing this form.
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ANANTH PRASAD, P.E.
SECRETARY

MEMORANDUM

DATE: December 5, 2012
TO: Specification Review Distribution List
FROM: Trey Tillander, State Specifications Engineer
SUBJECT: Proposed Specification: **7150301 Highway Lighting System.**

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

This change was proposed by the Traffic Operations, Product Evaluation, and Specifications Offices as part of an ongoing effort to consolidate the Minimum Specifications for Traffic Control Signals and Devices (MSTCSD) and Standard Specifications for Road and Bridge Construction.

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 SP965TT or trey.tillander@dot.state.fl.us. Comments received after **January 2, 2013**, may not be considered. Your input is encouraged.

TT/dt
Attachment

HIGHWAY LIGHTING SYSTEM.

(REV ~~11/12-214~~-12)

SUBARTICLE 715-3.1 (Page860) is deleted and the following substituted:

715-3.1 General: Meet the materials and equipment requirements of Section 992. ~~Provide products of established, reputable manufacturers of electrical equipment, meeting NEC requirements and the approval of the Engineer.~~

ARTICLE 715-9 (Pages 861 – 862) is deleted and the following substituted:

715-9 Conduit and Ducts.

Install Conduit shall be installed at the locations shown in the Plans and in accordance with requirements of Section- 630.

~~———— **715-9.1 General:** Install conduit and ducts at the locations shown in the Plans, or as required for a satisfactory installation.~~

~~———— **715-9.2 Conduit in Structures:** Use conduit of either rigid steel or PVC for embedding in structural concrete. Install an expansion fitting at every structural expansion joint through which the conduit passes. Provide exposed runs of conduit with adequate expansion joints as shown in the Plans or approved by the Engineer. Obtain the Engineer's approval of the design of the expansion joints.~~

~~———— **715-9.3 Pre-wired Direct-burial Duct:** Where specified in the Plans or directed by the Engineer, install a pre-wired, flexible polyethylene plastic pipe containing the conductors for the lighting circuits. Provide conductors and polyethylene pipe as described in the Plans.~~