



## *Florida Department of Transportation*

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### **MEMORANDUM**

**DATE:** November 13, 2015

**TO:** Specification Review Distribution List

**FROM:** Daniel Scheer, P.E., State Specifications Engineer

**SUBJECT:** Proposed Specification: **7150300 Highway Lighting System.**

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

The changes are proposed by Chester Henson of the State Roadway Design Office to add LED luminaires to the APL. Language was added to Section 639 which was in Section 715-4.

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 online at

<http://www2.dot.state.fl.us/ProgramManagement/Development/IndustryReview.aspx> .

Comments received after **December 11, 2015**, may not be considered. Your input is encouraged.

DS/ot  
Attachment

**HIGHWAY LIGHTING SYSTEM.**  
**(REV 10-30-15)**

ARTICLE 715-3 is deleted and the following substituted:

**715-3 Materials and Equipment to be Installed.**

**715-3.1 General:** Meet the materials and equipment requirements of Section 992.

**715-3.2 Luminaries:** *Use only luminaries listed on the Department's Approved Product List (APL).*

**715-3.2-3 Criterion Designation of Materials and Equipment:** Where a criterion specification is designated for any material or equipment to be installed, by the name or catalog number of a specific manufacturer, understand that such designation is intended only for the purpose of establishing the style, quality, performance characteristics, etc., and is not intended to limit the acceptability of competitive products. The Engineer will consider products of other manufacturers which are approved as similar and equal as equally acceptable.

ARTICLE 715-4 is deleted and the following substituted:

**715-4 Furnishing of Electrical Service.**

~~Start the system with a weatherhead on a riser on a service pole and extend through the required metering equipment of the power company, and through the lighting system as shown. The power company will provide service to the areas in the vicinities indicated. Consult and cooperate with the power company in locating its distribution transformer and service pole so that the lines will be as short and direct as possible. Bear any line extension costs up to the first 2,000 feet. Furnish or install only those parts of the metering equipment or connections that are customary and required by the power company in the locality involved.~~ *Provide electrical power service in accordance with Section 639.*

SUBARTICLE 715-1.1 is deleted and the following substituted:

**715-10.1 General:** Install the light poles at the locations and in accordance with the details shown in the Plans. Unless otherwise specifically approved by the Engineer, fasten bracket (truss) arms to the pole prior to erection. *Erect conventional light poles with the orientation of the access door on the opposite side of approaching traffic.* Do not field weld on any part of the pole assembly. Plumb the poles after erection and use metal shims or leveling nuts if necessary to obtain precise alignment. Use a thin cement grout where necessary to eliminate unevenness or irregularities in the top of the base.