Florida Department of Transportation

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GOVERNOR

605 Suwannee Street
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JIM BOXOLD
SECRETARY

July 14, 2015

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

Re: State Specifications Office
Section **639**
Proposed Specification: **6390303 Electrical Power Service Assemblies.**

Dear Mr. Nguyen:

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

The changes are proposed by Chester Henson of the State Roadway Design Office to clarify the material requirements and payment requirement for service wire installations for traffic cabinets and lighting systems.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to 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/ot
Attachment
cc: Florida Transportation Builders' Assoc.
State Construction Engineer

ELECTRICAL POWER SERVICE ASSEMBLIES.
(REV ~~5-12~~*7-14*-15)

SUBARTICLE 639-3.3 is deleted and the following substituted:

639-3.3 Electrical Service Wire: Use No. 6 AWG stranded copper wire with XHHW (cross-linked polyethylene (XLPE) high heat-resistant, water-resistant) insulation, rated at 600 V in dry and wet condition *for connections between service disconnect and traffic cabinet, unless otherwise shown in plans*. ~~*For lighting applications, size conductors to meet load requirements.*~~

SUBARTICLE 639-5.1 is deleted and the following substituted:

639-5.1 General: Measurement for payment will be in accordance with the following work tasks.

Payment for Electrical Service Wire *between service disconnect and traffic cabinet* is based upon the distance of the cable run and includes payment for all conductors used in the run.~~-~~ *For lighting applications,* ~~*the*~~ *service conductors will be paid in accordance with Section 715* ~~*under Payment for Electrical Service Wire for lighting applications is paid for each conductor in the run*~~.

Payment for conduit and electrical service wire which is vertically attached to the electrical power assembly is considered incidental and paid under item 639-1.

ELECTRICAL POWER SERVICE ASSEMBLIES.
(REV 7-14-15)

SUBARTICLE 639-3.3 is deleted and the following substituted:

639-3.3 Electrical Service Wire: Use No. 6 AWG stranded copper wire with XHHW (cross-linked polyethylene (XLPE) high heat-resistant, water-resistant) insulation, rated at 600 V in dry and wet condition for connections between service disconnect and traffic cabinet, unless otherwise shown in plans.

SUBARTICLE 639-5.1 is deleted and the following substituted:

639-5.1 General: Measurement for payment will be in accordance with the following work tasks.

Payment for Electrical Service Wire between service disconnect and traffic cabinet is based upon the distance of the cable run and includes payment for all conductors used in the run. For lighting applications, service conductors will be paid in accordance with Section 715.

Payment for conduit and electrical service wire which is vertically attached to the electrical power assembly is considered incidental and paid under item 639-1.