



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

MIKE DEW
SECRETARY

November 7, 2017

Khoa Nguyen
Director, Office of Technical Services
Federal Highway Administration
3500 Financial Plaza, Suite 400
Tallahassee, Florida 32312

Re: State Specifications Office
Section: **630**
Proposed Specification: **6300305 Conduit.**

Dear Mr. Nguyen:

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

The changes are proposed by Ed Cashman of the State Roadway Design Office to cover all makes of conduit.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to dan.hurtado@dot.state.fl.us.

If you have any questions relating to this specification change, please call me at 414-4130.

Sincerely,

Signature on File

Dan Hurtado, P.E.
State Specifications Engineer

DH/rf

Attachment

cc: Florida Transportation Builders' Assoc.
State Construction Engineer

CONDUIT
(REV9-28-17)

SUBARTICLE 630-3.5 is delete and the following substituted:

630-3.5 Conduit Terminations: Where conduit enters a box, fitting, or other enclosure, provide a bushing or adapter (end bell, conduit adapter, etc.) to protect the conductor or cable from abrasion unless the box, fitting, or enclosure provides equivalent protection.~~Fit the terminating ends of all metal conduit and metal conduit sleeves with an appropriate bushing.~~

For conduit to be encased in concrete, wrap with tape or otherwise protect all terminations to prevent the entrance of concrete.

Connect new underground conduits to existing underground conduits with a pull box.

Install conduit terminating in a concrete strain pole through the cable entry hole and up the center of the pole to a location approximately 6 inches below the handhole.

Seal conduits terminating in a controller base, pole, pull box, junction box, or pedestal base with a moisture resistant sealant approved by the Engineer.

For mast arm poles, high mast poles, and steel strain poles, terminate conduit at least 6 inches above the top of the foundation. For all other poles, controller bases, pedestal bases, and junction boxes, terminate conduit runs into the center of the base or box at least 2 inches above the surface of the base.

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Connect new underground conduits to existing underground conduits with a pull box.

Install conduit terminating in a concrete strain pole through the cable entry hole and up the center of the pole to a location approximately 6 inches below the handhole.

Seal conduits terminating in a controller base, pole, pull box, junction box, or pedestal base with a moisture resistant sealant approved by the Engineer.

For mast arm poles, high mast poles, and steel strain poles, terminate conduit at least 6 inches above the top of the foundation. For all other poles, controller bases, pedestal bases, and junction boxes, terminate conduit runs into the center of the base or box at least 2 inches above the surface of the base.