



# Florida Department of Transportation

**CHARLIE CRIST**  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

**STEPHANIE KOPELOUSOS**  
SECRETARY

January 26, 2009

Monica Gourdine  
Program Operations Engineer  
Federal Highway Administration  
545 John Knox Road, Suite 200  
Tallahassee, Florida 32303

Re: Office of Design, Specifications  
Section 783  
Proposed Specification: 7830100 ITS –Fiber Optic Cable and Interconnect

Dear Ms. Gourdine:

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

These changes were proposed by Gene Glotzbach include a statement to clarify the requirement that devices described by these specifications be listed on the Approved Product List.

Please review and transmit your comments, if any, within four weeks. Comments should be sent via Email to ST986RP or rudy.powell@dot.state.fl.us.

If you have any questions relating to this specification change, please call Rudy Powell, State Specifications Engineer at 414-4110.

Sincerely,

Signature on File

Rudy Powell, Jr., P.E.  
State Specifications Engineer

RP/ft

Attachment

cc: Gregory Jones, Chief Civil Litigation  
Florida Transportation Builders' Assoc.  
State Construction Engineer

**INTELLIGENT TRANSPORTATION SYSTEMS-FIBER OPTIC CABLE AND INTERCONNECT.**

**(REV ~~2-12-08~~1-22-09) (FA ~~2-19-08~~) (7-08)**

SUBARTICLE 783-3.1 (of the Supplemental Specifications) is deleted and the following substituted:

**783-3 Pull Boxes and Splice Boxes for Fiber Optic Cable.**

**783-3.1 Description:** Furnish and install pull boxes and splice boxes of the type, size, and quantity as shown in the plans. Ensure that pull boxes and splice boxes also conform to the requirements of Section 635. *Use only equipment and components that meet the requirements of these minimum specifications, and are listed on the Department's Approved Product List (APL).*

Use pull boxes and splice boxes that provide:

1. At-grade access to fiber optic cables housed within conduit systems used for Department ITS communications.
2. At-grade access to aid in the installation of fiber optic cable.
3. Protection for installed fiber optic cable.
4. Adequate space for cable storage and splice enclosures.

Ensure that pull boxes and splice boxes containing fiber optic cable do not contain power cables for ITS devices or other equipment.

**INTELLIGENT TRANSPORTATION SYSTEMS-FIBER OPTIC CABLE AND INTERCONNECT.****(REV 1-22-09) (**

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