



## Florida Department of Transportation

**CHARLIE CRIST**  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

**STEPHANIE KOPELOUSOS**  
SECRETARY

August 4, 2009

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

Re: Office of Design, Specifications  
Section 785  
Proposed Specification: 7850301 Intelligent Transportation Systems Infrastructure

Dear Ms. Gourdine:

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

These changes were proposed by Andre Pavlov to add language stating the cost for foundations is to be included in the unit price for the pole. This language was removed from the Design Standards and is being added to the Specifications.

Please review and transmit your comments, if any, within two 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 414-4280.

Sincerely,

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

RP/dt  
Attachment

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

**INTELLIGENT TRANSPORTATION SYSTEMS INFRASTRUCTURE.****(REV 6-422-09)**

SUBARTICLE 785-3.1 (of the Supplemental Specifications) is deleted and the following substituted:

**785-3.1 Description:** Furnish and install a steel or concrete pole, with or without a lowering device, as shown in the plans. Consider the lowering device and pole as two interdependent components of a single unit, and provide them together to ensure compatibility of the pole and lowering device. *Ensure the embedded/attached hardware required for the camera lowering device is included in the pole fabrication.*

SUBARTICLE 785-7.2 (of the Supplemental Specifications) is deleted and the following substituted:

**785-7.2 Furnish and Install:** The Contract unit price per pole furnished and installed will include furnishing, placement, *foundation*, and testing of all equipment and materials, and for all tools, labor, cables, hardware, operational software package(s) and firmware(s), supplies, support, personnel training, shop drawings, documentation, and incidentals necessary to complete the work.

Except in the case of a retrofit, the work specified for furnishing and installing a lowering device will not be paid for directly, but will be considered incidental to the installation of a steel or concrete pole.

The Contract unit price for each ITS field cabinet, furnished and installed, will include furnishing, placement, and testing of all equipment and materials, and for all tools, labor, hardware, supplies, support, personnel training, shop drawings, documentation, and incidentals necessary to complete the work.

The Contract unit price for each ITS equipment shelter, furnished and installed, will include furnishing, placement, and testing of the shelter, all its materials and equipment, and for all tools, labor, equipment, hardware, site preparation, site restoration, fencing, supplies, shop drawings, documentation, and incidentals necessary to complete the work.

SUBARTICLE 785-7.4 (of the Supplemental Specifications) is deleted and the following substituted:

**785-7.4 Install:** The Contract unit price per pole installed will include *foundation*, placement and testing of all equipment and materials, and for all tools, labor, hardware, operational software package(s) and firmware(s), supplies, support, personnel training, shop drawings, documentation, and incidentals necessary to complete the work. The Engineer will supply the equipment specified in the Contract Documents.

Except in the case of a retrofit, the work specified for installing a lowering device will not be paid for directly, but will be considered incidental to the installation of a steel or concrete pole.

The Contract unit price per each ITS field cabinet, installed, will include placement and testing of all equipment and materials, and for all tools, labor, hardware, supplies, support, personnel training, shop drawings, documentation, and incidentals necessary to complete the work. The Engineer will supply the equipment specified in the Contract Documents.

The Contract unit price per ITS equipment shelter, installed, will include placement, and testing of the shelter, all its materials and equipment, and for all tools, labor, equipment, hardware, site preparation, site restoration, fencing, supplies, shop drawings, documentation, and incidentals necessary to complete the work. The Engineer will supply the equipment shelter specified in the Contract Documents.

**INTELLIGENT TRANSPORTATION SYSTEMS INFRASTRUCTURE.****(REV 6-22-09)**

SUBARTICLE 785-3.1 (of the Supplemental Specifications) is deleted and the following substituted:

**785-3.1 Description:** Furnish and install a steel or concrete pole, with or without a lowering device, as shown in the plans. Consider the lowering device and pole as two interdependent components of a single unit, and provide them together to ensure compatibility of the pole and lowering device. Ensure the embedded/attached hardware required for the camera lowering device is included in the pole fabrication.

SUBARTICLE 785-7.2 (of the Supplemental Specifications) is deleted and the following substituted:

**785-7.2 Furnish and Install:** The Contract unit price per pole furnished and installed will include furnishing, placement, foundation, and testing of all equipment and materials, and for all tools, labor, cables, hardware, operational software package(s) and firmware(s), supplies, support, personnel training, shop drawings, documentation, and incidentals necessary to complete the work.

Except in the case of a retrofit, the work specified for furnishing and installing a lowering device will not be paid for directly, but will be considered incidental to the installation of a steel or concrete pole.

The Contract unit price for each ITS field cabinet, furnished and installed, will include furnishing, placement, and testing of all equipment and materials, and for all tools, labor, hardware, supplies, support, personnel training, shop drawings, documentation, and incidentals necessary to complete the work.

The Contract unit price for each ITS equipment shelter, furnished and installed, will include furnishing, placement, and testing of the shelter, all its materials and equipment, and for all tools, labor, equipment, hardware, site preparation, site restoration, fencing, supplies, shop drawings, documentation, and incidentals necessary to complete the work.

SUBARTICLE 785-7.4 (of the Supplemental Specifications) is deleted and the following substituted:

**785-7.4 Install:** The Contract unit price per pole installed will include foundation, placement and testing of all equipment and materials, and for all tools, labor, hardware, operational software package(s) and firmware(s), supplies, support, personnel training, shop drawings, documentation, and incidentals necessary to complete the work. The Engineer will supply the equipment specified in the Contract Documents.

Except in the case of a retrofit, the work specified for installing a lowering device will not be paid for directly, but will be considered incidental to the installation of a steel or concrete pole.

The Contract unit price per each ITS field cabinet, installed, will include placement and testing of all equipment and materials, and for all tools, labor, hardware, supplies, support, personnel training, shop drawings, documentation, and incidentals necessary to complete the work. The Engineer will supply the equipment specified in the Contract Documents.

The Contract unit price per ITS equipment shelter, installed, will include placement, and testing of the shelter, all its materials and equipment, and for all tools, labor, equipment, hardware, site preparation, site restoration, fencing, supplies, shop drawings, documentation, and incidentals necessary to complete the work. The Engineer will supply the equipment shelter specified in the Contract Documents.