



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

January 6, 2022

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

Re: State Specifications Office
Section: **611**
Proposed Specification: **6110203 Acceptance Procedures for Traffic Control Signals, Devices, and Intelligent Transportation System Devices.**

Dear Mr. Nguyen:

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

The changes are proposed by Derek Vollmer from the Traffic Engineering and Operations Office to provide clarification to the language.

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

If you have any questions relating to this specification change, please call me at (850) 414-4130.

Sincerely,

Signature on file

Daniel Strickland, P.E.
State Specifications Engineer

DS/ra

Attachment

cc: Florida Transportation Builders' Assoc.
State Construction Engineer

ACCEPTANCE PROCEDURES FOR TRAFFIC CONTROL SIGNALS, DEVICES, AND INTELLIGENT TRANSPORTATION SYSTEM DEVICES
(REV 11-10-21)

SUBARTICLE 611-2.3.3 is deleted:

~~611-2.3.3 Compensation: All costs incurred in submitting as built documentation are incidental to the other items of work associated with traffic control signals and devices. Payment for ITSFM files will be compensated as specified in this Section.~~

SUBARTICLE 611-4.2 is deleted and the following substituted:

611-4.2 Intelligent Transportation System Device Installation: Test all stand-alone functions of the ITS devices as detailed in the Contract Documents and as approved by the Engineer.

For the managed field Ethernet switch (MFES), complete FDOT Form Number 750-040-07 for all installed field switches or other procedure approved by the Engineer.

For the closed-circuit television (CCTV) camera, complete FDOT Form Number 750-040-08 for all installed CCTV cameras or other procedure approved by the Engineer.

For microwave vehicle detection system (MVDS), complete FDOT Form Number 750-040-09 for all installed MVDS sensors or other procedure approved by the Engineer.

For the camera lowering device (CLD), complete FDOT Form Number 750-040-10 for all installed CLD or other procedure approved by the Engineer.

For ITS devices without official FDOT forms, evaluate ITS devices as per Contract Documents and as approved by the Engineer.

Complete approved data forms and turn them over to the Engineer for approval. Provide a minimum notice of 10 calendar days prior to all tests to permit the Engineer or their representative to observe each test.

If any unit fails to pass its stand-alone test, correct the unit, or substitute another unit in its place, then repeat the test.

If a unit has been modified as a result of a stand-alone test failure, prepare a report describing the nature of the failure and the corrective action taken and submit it to the Engineer prior to re-testing the unit. If a failure pattern develops, the Engineer may direct that modifications be made to all units without additional cost to the Department or an extension of the Contract Time.

ARTICLE 611-9 is expanded by the following:

611-9 Method of Measurement.

611-9.1 General: Measurement for payment will be in accordance with the following work tasks.

611-9.2 ITSFM Sub-surface Documentation: The Contract unit price per mile of documented conduit, cable, boxes, vaults, enclosures, and all other subsurface utilities will include furnishing all hardware, tools, and materials and all data collection, verification, and

submission as specified in this Section and the Contract Documents, and all labor, travel, MOT, programs, training, equipment, and other requirements necessary for a complete and accepted documentation submission. Payment for facilities located underground will be based on the linear length of the project as stated in the Contract Documents regardless of the length or number of conduits, cables, enclosures, or other subsurface facilities documented. No allowance will be made for sweeps or vertical distances below the ground.

611-9.3 ITSFM Location Documentation: The Contract unit price per location, will include documenting all above ground ITS Facilities at, or associated with, an ITS location as specified in this Section and the Contract Documents, and all labor, travel, training, equipment, programs, MOT, and other requirements necessary for a complete and accepted documentation submission. Payment for location documented will be based on the ITS location including cabinets, poles, utility hardware such as meter cans, utility demarcation sites, disconnects, etc., as well as all ITS devices, auxiliary devices, and other items, attributes, and fields called for in the ITSFM documentation and Contract Documents, regardless of the type or number of devices installed.

611-9.4 As-Built Drawings: All costs incurred in submitting as-built drawings are incidental to the other items of work associated with traffic control signals and devices.

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(REV 11-10-21)**

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