

6600000 VEHICLE DETECTION SYSTEM
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Trey Tillander

Comments: (12-14-12)

The font for the 660-2.1.2 heading looks like it's slightly too small.

Response: Font has been changed. ft

Missy Hollis
850-414-4182
melissa.hollis@dot.state.fl.us

Comments: (12-14-12)

Please define a "detection site" for payment.

Response: Method of measurement and basis of payment sections have been updated for clarification.

D4 Construction

Comments: (1-3-13)

660-5; For payment of Vehicle Detection System, what do we mean by "each site" when used at an intersection? Suggest we add language that in the case of signalized intersections, the "site" is the total intersection.

Response: Method of measurement and basis of payment sections have been updated for clarification. Estimates Bulletin 12-17 has also been issued that provides additional detail and examples regarding intended use and application of pay items. The bulletin is available online at the following location:

<http://www.dot.state.fl.us/Specificationsoffice/Estimates/EstimatesBulletins/Files/EstimatesBulletin12-17.pdf>

Jennifer Williams
Office of the District 3 Secretary
Florida Department of Transportation
Office (850) 330-1592
Fax (850) 330-1761
jennifer.williams@dot.state.fl.us

Comments: (1-7-13)

Within SUB ARTICLES 660-2.1.2.2.4 and others:

Consider addressing the Federal Communications Commission (FCC) operator FCC licensed wireless communication or the wireless public safety 4.9GHz band which could and is used in some Florida ITS systems. Suggest there be some language added to perhaps include “.. and if required, be properly licensed by the FCC as well as compliance with FCC licensing requirements such as notification or approval by federal agencies when required by license application or FCC rule.

Use of certain equipment or certain frequencies/bands may require approval or written waiver by a Department of Defense (DOD) Frequency Coordinator when installed or operated in areas deemed as DOD Quiet Zones. These are typically near military installations. For the Panhandle of Florida almost the entire area is included. Other areas include the east coast of Florida and other specific locales. Operation of 450MHz equipment at or near some military installation is prohibited as well.

The main concern is if the Department purchases or contracts equipment which may need additional licensing or coordination to be compliant with the current FCC rules without our knowledge; then this can be true for several bands and will continue to be a problem as more spectrum is made available for our systems (i.e. the 3.65 and 5.9GHz bands).



49GHzBasicRegulator
yOverviewJuly2010.p

The referenced document :

If you need anything further regarding this request, please let me know. Thanks!

Response: We agree that items such as frequency and license coordination, as well as proper equipment selection and site placement, should be considerations given and addressed during the prosecution of a contract. However, we believe that these items are best identified and addressed during the design phase of any particular project, especially where military or other restrictions are known to apply.

Contract documents (including plans and other provisions) may be used to emphasize and provide project-specific requirements when additional contractor coordination is required or special restrictions exist. We prefer that specialty coordination such as that described be based upon project-specific requirements and be addressed outside of the Standard Specifications.

The primary goal of the content contained in this specification is to ensure that vehicle detection systems, including any ancillary devices used to create a complete and functional system, comply with applicable FCC requirements for the device in question, be it an intentional or unintentional radiator. We believe that the current text sufficiently captures the requirements necessary to evaluate and list vehicle detection systems on the FDOT APL at this time.

Ensuring that all APL products are also acceptable for all use cases (particularly those where special military restrictions may apply) is outside the current scope of the specification and the APL and best addressed in project-specific designs and contract documents.