

6950000 TRAFFIC MONITORING SITE EQUIPMENT
AND MATERIALS
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Melissa Hollis
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Comments: (1-14-15)

1. What are the antenna requirements for the modem?

Response: Electrical Specifications:
Frequencies: F1=824-896 MHz, F2=1850-1990 MHz
VSWR: 1.5:1 or less at resonant point
Nominal Impedance: 50 Ohms
Gain: 3.0 dB
Radiation Pattern: Omni Directional
Polarization: Vertical

Mechanical Specifications:
Radome: Glass filled Polypropylene
Mounting: Adhesive
Connectors: SMA Male plug
Coaxial Length: a minimum of 10 ft.

The antenna specs have been added to Section 695-9.

2. For cabinet, 695-8.4, please clarify that base or pedestal is included in the cost of the cabinet. For pole mounted cabinets, the pole will be paid separately under Section 646.

Response: Base/pedestal will be included in the cost of the cabinet.
The pole for the pole mounted cabinets will be paid separately under Section 646.
Payment clarification has been added to 695-8.4

Chad Rucks (via Deborah Ihsan)
FDOT, D4
772-429-4938

Comments: (1-15-15)

1. Under Section 695-2.4.2 Terms and Conditions, the 4th paragraph begins with the following sentence "Leave a copy of the warranty in the cabinet is installed." This sentence seems incomplete and I am not sure what the intent is. I am thinking it should read: "Leave a copy of the warranty in the cabinet once it is installed."

Response: This change has been made to the specification as recommended.

2. Under Section 695-3.3.3 Test Requirements, the specification states that the testing should be done using a "laptop computer". Should this only be limited to a laptop, or could other devices

(i.e. tablet) be used to complete the testing?

Response: The language in section 695-3.3.3 has been changed to include various types of devices.

3. Under Section 695-3.3.3 Test Requirements, in the 4th paragraph the term TranStat is defined, “Transportation Statistics Office (TranStat). However, this term is used earlier in the specification. The term should be defined under Section 695-2.4.1 where “TranStat” is used for the first time.

Response: These changes have been made as recommended.

4. Overall comment: I suggest using the same line starting point for numbered bullets and the following lines throughout the specification for consistency. For example see Section 695-4.2.4 and the numbering shown there.

Response: Formatting has been corrected in accordance with Department standards.

Jose Kandarappallil (via Deborah Ihsan)
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Comments: (1-15-15)

1. Under Section 695-3.5 Basis of Payment, Item 695-1 is defined as “TMS Vehicle Axle sensor-Non weight”. Recommended to modify this as, “TMS Vehicle Axle Sensor (In roadway) – Non weight.”

Response: This change has been made as recommended.

2. Under Section 695-3.5 Basis of Payment, Item No.695-2 is defined as “TMS Vehicle Non – Intrusive –Non-weight”. Recommended to modify this as, “TMS Vehicle -Non – Intrusive Sensor (Off roadway) – Non weight”.

Response: This change has been made as recommended.

3. Under Section 695-6.2 Materials – It is recommended to modify the last sentence to notate the subsection being referenced (instead of just Section 695) such that it states: “Ensure that the solar power unit is marked in accordance with Section 695-2.2 and the markings are visible after installation.”

Response: This change has been made as recommended.
