



Florida Department of Transportation

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SECRETARY

MEMORANDUM

DATE: November 16, 2010
TO: Specification Review Distribution List
FROM: Rudy Powell, Jr., P.E., State Specifications Engineer
SUBJECT: Proposed Specification: 6500200 Vehicular Signal Assemblies - Materials.

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change.

This change was proposed by Chester Henson of the State Roadway Design Office to match the Plans Preparation Manual requirement to install backplates on all signal head assemblies starting in January 2010.

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or to my attention via email at SP965RP or rudy.powell@dot.state.fl.us. Comments received after **December 14, 2010** may not be considered. Your input is encouraged.

RP/cah
Attachment

VEHICULAR SIGNAL ASSEMBLIES (REV 11-48-10)

ARTICLE 650-2 (Page 760) is deleted and the following substituted:

650-2 Materials.

Use signal and signal ~~lamps~~*auxiliaries* currently listed on the Department's Approved Product List (APL). Ensure that all equipment is marked in accordance with Section 603.

SUBARTICLE 650-3.8 thru 650-3.10 (Page 761) is deleted and the following substituted:

650-3.8 Backplates: *Install louvered backplates on all signal head assemblies. On posted speed limits of 45 mph or greater, provide backplates with a reflectorized border.*

650-3.89 Sealing Installed Signal Head Assembly: Ensure that the installed signal head assembly is sealed to exclude dust and moisture. Drill two 1/4 inch drain holes in the bottom of the installed signal head assembly.

650-3.910 Concealing Signals Not in Use: Where traffic signals are installed and not put into service immediately, conceal the signal head assembly by placing burlap bags or other covering approved by the Engineer over a weather resistant covering of non-transparent material open at the bottom to prevent condensation buildup.

650-3.1011 Installation Sequence: Install all traffic signal assemblies at any intersection as a single operation unless a staged operation is approved by the Engineer.

SUBARTICLE 650-4.2 (Page 761) is deleted and the following substituted:

650-4.2 Furnish and Install: The Contract unit price per assembly for Traffic Signal, furnished and installed, will consist of the traffic signal assembly, *backplates and* ~~including~~ all hardware, labor, and materials necessary for a complete and accepted installation.

ARTICLE 650-5 (Page 762) is deleted and the following substituted:

650-5 Basis of Payment.

Price and payment will be full compensation for all work specified in this Section, including all hardware necessary to make a complete unit with proper lens indications, mounting hardware, brackets, drop-pipe, disconnect hangers, bulbs, *backplates* and any other materials or equipment to make a complete installation.

Payment will be made under:

Item No. 650- 5- Traffic Signal—per assembly.

