

9920104 HIGHWAY LIGHTING MATERIALS
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comment: (11-26-12)

I recently received a copy of the pending revisions for sign lighting that was provided to me by an FTBA member. If possible, as a supplier of sign lighting too many installing electrical contractors on FDOT projects, I would like to make a suggestion?

I request that the specification be amended to include, "The mounting assembly for a sign light shall be an **internal trunnion** slip-fitter type to accommodate a 1-1/2 inch, Schedule 40 steel pipe connection."

Use of an internal trunnion slip-fitter eliminates the usage of an external knuckle type fitter that would need to be field aimed and adjusted by the installing contractor. Please let me know if you would like any greater clarification on this matter.

Response: Not in the scope of this specification change. We will consider for future revisions.
No change made.

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Comment: (12-7-12)

1. 992-2.5 Luminaire Cable: Add "conductors with ground".

992-2.5 Luminaire Cable: Pole and bracket cable shall be multi-conductor Type XHHW-2- XLP- TC with three No. 10 AWG **conductors with ground**.

Response: The three conductors consist of a hot, a neutral and a ground. Standard drawings show one of the conductors as a ground. I do not believe adding "conductors with ground" is necessary and could be interpreted as three conductors with a ground.

No change made.

2. 992-2.7 Surge Protection Devices: Spell out MOV.

992-2.7 Surge Protection Devices: The **----- (MOV)** based SPD shall be spotted in a manner to be waterproof. UL listing is not required. SPD's per mode surge current rating shall be 20KA for 480V to ground and 40KA for neutral to ground. Maximum continuous operation voltage (MCOV) shall be not less than 550Vrms and not greater than 600Vrms. All wires and internal spacings shall be insulated for 600Vrms.

Response: Acronym for MOV is Metal Oxide Varistors. This will added to the language.
Change made.

3. 992-4.1 Luminaires and Ballasts (1st sentence): Add "housing".

992-4.1 Luminaires and Ballasts: The luminaire shall consist of a precision cast aluminum **housing** with a corrosive resistant polyester powder coat finish. The standard

Response: Agree. Will add the word “housing” to the language.
Change made.
