

7000205-HIGHWAY SIGNING-SIGN ASSEMBLY DESIGN REQUIREMENTS-
OVERHEAD SIGN STRUCTURES
COMMENTS FROM INDUSTRY REVIEW

Bob Dion
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Comments:

Consider rewording the second sentence to "Use ASTM A 325 bolt, nut and washer assemblies for all other installations as follows."

The first sentence refers to 649-5 and 649-6 for anchor bolts; 649-5 in 6490500 limits anchor bolts to ASTM A 325 assemblies. Is there a need to mention 'other than anchor bolts'?

Response: Agree: added the anchor bolt designation ASTM F1554 to the spec.

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Comments:

1 Ed Petersen's Comments: D5 352-326-7729 1. Based on the below spec, I suggest adding the word "condition" to the following: 700-2.5.3 Installation: and that are lubricated properly as demonstrated by being able to easily hand turn the nut on the bolt thread for its entire length. Tighten nuts to the full effort of an ironworker using an ordinary spud wrench to bring the faying surfaces of the assembly into full contact which is referred to as "snug tight Condition"

2 The proposed changes are very precise and pertinent with very technically detailed language for the "snug tight" process, but my only question it would be in how to document when the Engineer check the minimum torque required for 3 bolts or a minimum of 10% of the bolts. Is this check needs to be documented? Is the Construction Daily the place to document the check or there is a form to fill? I do not see anything in Preps & Docs Manual.

Response:

- 1 Agree
- 2 The check needs to be documented and a form should be used for this. There is no official FDOT form so one of the inspector's making is acceptable. The completed forms must be kept on file as part of the project records.

Bernard Freeman
District Four

Comments:

I have the following comments;

1. There should be some type of specs for the stepdown transformer.
2. Specs say that the ballast can be mounted externally then how should it be mounted/installed?
3. Will there be any info available on how to make the conversions from mercury vapor to induction?
4. The way the spec is shown it seems like all our fixtures are to be induction lighting. This should be listed under a separate heading as sign lighting.

Response: Comments do not apply to the revised portions of this spec.
