

7150100 HIGHWAY LIGHTING
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (10-12-10)

We need to add something like the following to the proposed spec changes so the contractor will know to go to the Design Standards for the standard configurations and standard pole assemblies:

- Add to 649-2: Use strain poles and mast arm assemblies as shown in the Design Standards for all standard configurations.
- Add to 715-1: Use pole assemblies as shown in the Design Standards when standard aluminum pole assemblies or standard high mast light assemblies are required by the Contract Documents.

Response: Agreed. For consistency, the language used in 715-1 will also be used in 649-2.

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Comment: (10-13-10)

Regarding Spec 7150100, they are proposing to delete the section about Alternate Foundations, in this case the Screw Type foundation. Rudy Powell's memo goes on to say that an Alternate Foundation may be proposed for consideration on a project specific basis. My question or questions would be, is this project specific basis being left to the Designer to decide or will it be left up to the contractor to propose the alternate foundation if the conditions are conducive for the screw type foundation. If the latter, where in our specs, standards will it provide this direction to the Contractor that they have an option of proposing the Alternate foundation?

Response: If necessary due to site conditions or other project constraints, the designer can propose screw-in helix foundations. The contractor may also propose screw-in helix foundations as a Cost Savings Initiative or if unexpected site conditions are encountered.

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Comments: (10-14-10)

1. How do you get on the approved list with an accepted quality control program?
2. Does this mean the manufacturer has to submit on every project to provide drawings and calculations?
3. What does it mean the QPL requirements for roadway lighting and high mast lighting standards can be used for fabrication? Did a manufacturer use an unauthorized drawing for submittals?

Response:

1. To get on the approved list with an accepted quality control programs, contact the State Material s Office. When reviewed on 11-12-10, Union Metal was on the FDOT List of Metal Fabricators with Accepted QC Programs.
2. As stated in the Origination Form, a note will be added to each Design Standard stating “In accordance with Specification 5-1.4.2, shop drawings are only required for additions, deletions, or modifications to this Design Standard”.
3. In most cases, the QPL drawings contain the exact same information as in the Design Standard. The Design Standard will be modified as necessary to accommodate any minor differences.

Carleto Daley of Orlando Construction
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Comments: (10-28-10)

If section 715-6.4, Alternate Foundation, is deleted, then it implies that section 715-6.1, Concrete Foundation, will be the only option for light poles foundation; Which I believe is a good change.

Response: If necessary due to site conditions or other project constraints, the designer can propose screw-in helix foundations. The contractor may also propose screw-in helix foundations as a Cost Savings Initiative or if unexpected site conditions are encountered.

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Comments: (11-5-10)

Currently, shop drawings are not required for standard roadway lighting and high mast lighting on the QPL for standard configurations. Removing the QPL requirements will require that all shop drawings be submitted to the EOR for review.

Response: As stated in the Origination Form, a note will be added to each Design Standard stating “In accordance with Specification 5-1.4.2, shop drawings are only required for additions, deletions, or modifications to this Design Standard”.

7150100

All Jobs
