

7150400 HIGHWAY LIGHTING SYSTEM
INTERNAL/INDUSTRY REVIEW COMMENTS

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Comments: (10-17-16, Internal)

Could we update a few additional items in 715- 16 Method of Measurement?:

1. Remove 5. Light Pole Foundation. For construction, the foundation is included in the light pole complete. Separate payment is only for maintenance.
2. Remove 8. High Mast Parts. For maintenance use.
3. Remove 9. Frangible Base. Included in light pole complete. Separate payment is only for maintenance.
4. Remove 10. Photo Electric Control Assembly. Included in load center, per new #4.
5. Remove 11. Pre-Fab Pilaster. No current pay item for separate payment.

Response: These changes will be made prior to Industry.
Changes made.

Scott Foltz
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Comments: (10-17-16, Internal)

1. My only edit was to change “715.5.2” to “715.15.2” in two places.

workmanship which might appear during the evaluation period at no expense to the Department. ¶
→ ~~715.15.2:Final Acceptance:~~ Transfer manufacturers’ warranties to the Department upon final acceptance in accordance with 5-11. Submit all warranties and warranty transfers to the Engineer. ¶
→ ~~715.15.23:As-Built Documentation: As a condition precedent to acceptance under 715-15.2, submit as-built drawings of all installations, signed and sealed as built drawings of all installations by a Professional Engineer registered in the State of Florida.~~ ¶

Response: The highlighted text will be added.
Changes made.

2. My comment is more stylistic than substantive. Logical progression of the Article is that the “As-Built Documentation” should precede “Final Acceptance”

715-15.3 Acceptance of Highway Lighting.
→ **715-15.1 Partial Acceptance:** The Engineer may make partial acceptance of the highway lighting based on satisfactory performance of all highway lighting for seven consecutive days. The seven day evaluation period may commence upon written authorization by the Engineer that highway lighting is considered ready for acceptance evaluation. Contract Time will be charged during the entire highway lighting evaluation period. Correct any defects in materials or workmanship which might appear during the evaluation period at no expense to the Department.
→ **715-5.2 Final Acceptance:** Transfer manufacturers' warranties to the Department upon final acceptance in accordance with 5-11. Submit all warranties and warranty transfers to the Engineer.
→ **715-15.3 As-Built Documentation:** As a condition precedent to acceptance under 715-5.2, submit as-built drawings of all installations, signed and sealed as built drawings of all installations by a Professional Engineer registered in the State of Florida.

Response: Valid point; however, this is formatted similar to other Sections.
No change made.

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Comments: (10-26-16)
715-15.3 is requiring that lighting as-built drawings be signed and sealed by a PE licensed in Florida. Please consider that signing and sealing by a FL registered PLS would be acceptable, as it the case with ITS and Signal as-builts.

Response: The language was updated to exclude the discussion on signing and sealing.
Change made.

Jeffrey Kleiss
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Comments: (10-26-16)
715-15.3 As-Built Documentation states the a Florida Professional Engineer shall sign and seal the as-built for the lighting plans. It was understood that under section 611-2.3 that a Florida Professional Engineer or Professional Land Surveyor could sign and seal the as-built. We are requesting that the same language from 611-2.3 be used for section 715-15.3.

Response: The language was updated to exclude the discussion on signing and sealing.
Change made.

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Comments: (11-9-16)

1. 715-10.5 Identification Plates: - In reference to the installation of the pole ID tags, recommending stipulating that only approved adhesive be used to secure the identification tag onto the light pole and no screws or rivets be used. We have been using adhesive for pole id plates on the Turnpike system for many years. In the past we have received comments from a contractor that drilling holes/installing rivets is something the light pole manufacturers do not approve. - Instead of black text on a white background, we recommend using black text on a yellow background. The yellow tag is much more visible for inspectors especially on aluminum and steel light poles. Florida Power & Light currently uses yellow tags.

Response: The language has been updated to allow for various methods of attachment and clarified any attachments requiring screws, bolts or rivets must be in accordance with the manufacturer's recommendations. No changes to the color were made.
Change made.

2. 715-10.5 Identification Plates: Recommend adding language to ensure the Contractor coordinates the pole numbering with FDOT Maintenance. We do not want the Contractor to develop their own numbering system.

Response: The Contractor's sole contact with Department is the Engineer. Pole numbers will be given in the Plans.
No change made.

3. 715-16 Method of Measurement: - Frangible Base for light pole: we understand that the language is being removed because this pay item (0715-36-12) is scheduled to be removed from the BOE at the end of this year. However, this is a pay item that Maintenance uses frequently (average 30 per year) when light poles get knocked down and we need to secure the site. We highly recommend this pay item remain active.

Response: Pay item will not be available for construction contracts. Suggest a Maintenance SP.
No change made.
