

6350202 PULL, SPLICE, AND JUNCTION BOXES
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (9-30-14)

1. 635-2.2.3 Dimensions: I believe the Department intent is to define the smallest size pull box for various applications. The use of the phrase: "minimum nominal dimensions" is confusing to the issue as the cover length for a 13 x 24 size cover is only 23 ½" long. There is a similar occurrence with a 24 x 36 size cover which is 23 ½" wide.

Perhaps the specification could state that: "...the smallest size pull box for signalized intersection and lighting applications shall be a nominal 13" x 24" x 12" box and lid." A similar statement for the smallest size boxes to be used for fiber optic cable applications would be defined as 24" x 36" x 24" "pull boxes, 30" x 60" x 36" "rectangular splice boxes" and 36" "round splice box x 36" (deep).

Response: This change was based on earlier review comments. Because the noted sizes are standard, well known sizes and boxes typically have model numbers such as 13x24, 24x36, 30x60, and so on, it will be clear that the size box submitted meets the intent of the specification. No changes made.

2. 635-2.2.5 Testing Requirements: 5. (insert "removable") to: ...cover vertical load tests without any removable wall to wall supporting beams...

Response: The restriction refers to testing and usability. The box cannot have any removable or permanent support beam or bracing that would interfere with the installation or maintenance of the cable in the box (i.e., interior or top section of the box). Changes made to clarify. Changes made.

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Comments: (10-1-14)

The sentence, "Conduct the lateral sidewall pressure, vertical sidewall load and cover vertical load tests without any wall to wall supporting beams that would interfere with the interior open design and installation and maintenance serviceability." is unclear. Does the restriction against interior beams only refer to testing? Do we not want interior supporting beams? If so, just say that. The language "that would interfere with the interior open design and installation and maintenance serviceability" is unnecessary and confusing.

Response: Please see response to Comment #2 above.

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Comments: (10-27-14)

Section 635-2.2.5: Does this additional testing requirements need to be submitted to the Project personnel? Does the report need to be certified by a testing lab? This testing requirement should cover during APL approval process.

Response: This testing is covered by the APL product evaluation process. All pull boxes listed on the APL have already been verified by the FDOT-TERL to meet all material requirements listed in this specification. This testing is not required at the project level.
No changes made.
