

**6340000 SPAN WIRE ASSEMBLY  
INTERNAL/INDUSTRY REVIEW COMMENTS**

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Missy Hollis  
414-4182

[melissa.hollis@dot.state.fl.us](mailto:melissa.hollis@dot.state.fl.us)

Comments: (7-29-16, Internal)

634-4 Method of Measurement: Could we remove the separate subarticles for “Furnish” and “Install”?

Response: Agree. Change made.

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Elizabeth Birriel

921-7361

[elizabeth.birriel@dot.state.fl.us](mailto:elizabeth.birriel@dot.state.fl.us)

Comments: (8-2-16, Internal)

**634-3.2 Span Types:**

**1. 4. Special Design Span or Drop Box Span:**

Use Traffic Engineering Terminology—**Suspended Box Span**, not Drop Box Span.

Also, unless shown in the plans, consider having an installation note that the stringers on the Suspended Box be oriented so that each stringer approximately bisects the angle created by the suspended box corner.

Response:

**2. Question?:** Do the design manuals limit the length of the stringers? If not shown in the design plans, limit the length of the stringers to 15' max whenever possible. This will help reduce sag, which is a common downfall of suspended box span designs. (Comments and questions from Fred Heery).

Response:

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Daniel Strickland

414-4352

[daniel.Strickland@dot.state.fl.us](mailto:daniel.Strickland@dot.state.fl.us)

Comments: (8-2-16, Internal)

**634-2.3:** The proposed revision addresses modifications to span wire assemblies, however the Method of Measurement and Basis of Payment sections do not mention how these modifications are paid for. The BOE has a pay item for “adjustments” so they should also make sure the Spec and BOE have consistent terminology. In addition, the BOE includes the removal of span wire assemblies and there is no mention of how that is paid for either.

Response:

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Cheryl Hudson  
414-5332  
[cheryl.hudson@dot.state.fl.us](mailto:cheryl.hudson@dot.state.fl.us)

Comments: (8-30-16, Internal)

634-3.3: Minor editing for consistency:

The catenary wire shall be tensioned to provide a 5%, plus or minus 0.5% sag.  
Install the span wire assemblies in accordance with the Design Standards,  
Index No. 17727, and at a height on the support poles which will provide a clearance from the  
roadway to the bottom of the signal head assemblies as shown in Index 17727.  
Connect all span wires to the pole grounding system in accordance with  
Section 620.

Response:

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Eddy Scott  
386-961-7831  
[eddy.scott@dot.state.fl.us](mailto:eddy.scott@dot.state.fl.us)

Comments: (9-15-16)

634-2.3 last paragraph - Is there a need for this paragraph to apply to concrete strain poles and  
not just steel strain poles? If so suggest striking the word "steel".

Response:

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