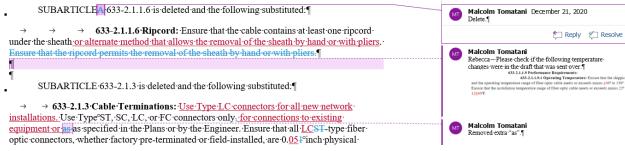
6330201 COMMUNICATION CABLE COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Malcolm Tomatani Malcolm.Tomatani@dot.state.fl.us

Comments: (12-21-20, Internal)



→ 633-3.1.5 Fiber Optic Connection - Splicing: Perform all optical fiber splicing using the fusion splicing technique, and according to the latest version of the manufacturer's cable installation procedures; industry accepted installation standards, codes, and practices; or as directed by the Engineer. Ensure that all splices match fiber and buffer tube colors unless shown otherwise in the Plans. Where a fiber cable is to be accessed for lateral or drop signal insertion, only open the buffer tube containing the fiber to be accessed and only cut the actual fiber to be accessed. If a fiber end is not intended for use, cut the fiber to a length equal to that of the fiber to be used and neatly lay it into the splice tray. Treat any fibers exposed during splicing with a protective coating and place in a protective sleeve or housing to protect the fiber from damage or contaminants. Neatly store all splice enclosures within a splice box. Attach the splice enclosure to the splice box interior wall to prevent the enclosure from lying on the bottom of the splice box. Splices shall be made only at locations as showing in the plans. ¶

Malcolm Tomatani Changed "showing" to "shown" ¶

> Scott Arnold (850) 414-4273 Scott.Arnold@dot.state.fl.us

Comments: (12-22-21, Internal)

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Response: Thank you for the comment. Change made.

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Comments: (1-4-21, Industry)

Section 633-5 1. Is this intent to locate ALL fiber optic facilities within the project limits, even private companies such as Comcast or AT&T? 2. The section mentions subsurface work so the assumption is that this will also include directional boring or open trenching. Is that assumption correct? a. If yes, please ensure an estimation technique is provide for designers as I could

envision possible issues quantifying this for a project of several miles where multiple fiber agencies exist with some other present in parts of the project limits. In urban arterial environments there are typically several agencies that have fiber optic facilities present therefore that would also need to be considered.

Response: 1) Only Department owned and maintained fiber optic is required to be located under this specification. We have updated the language to clarify this requirement. Privately owned facilities will be located under Sunshine One-call 811. 2) The intent is to ensure the fiber is located before any subsurface work occurs. The estimation and design aspects should be covered in an upcoming bulletin.