6330201 COMMUNICATION CABLE
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Malcolm Tomatani
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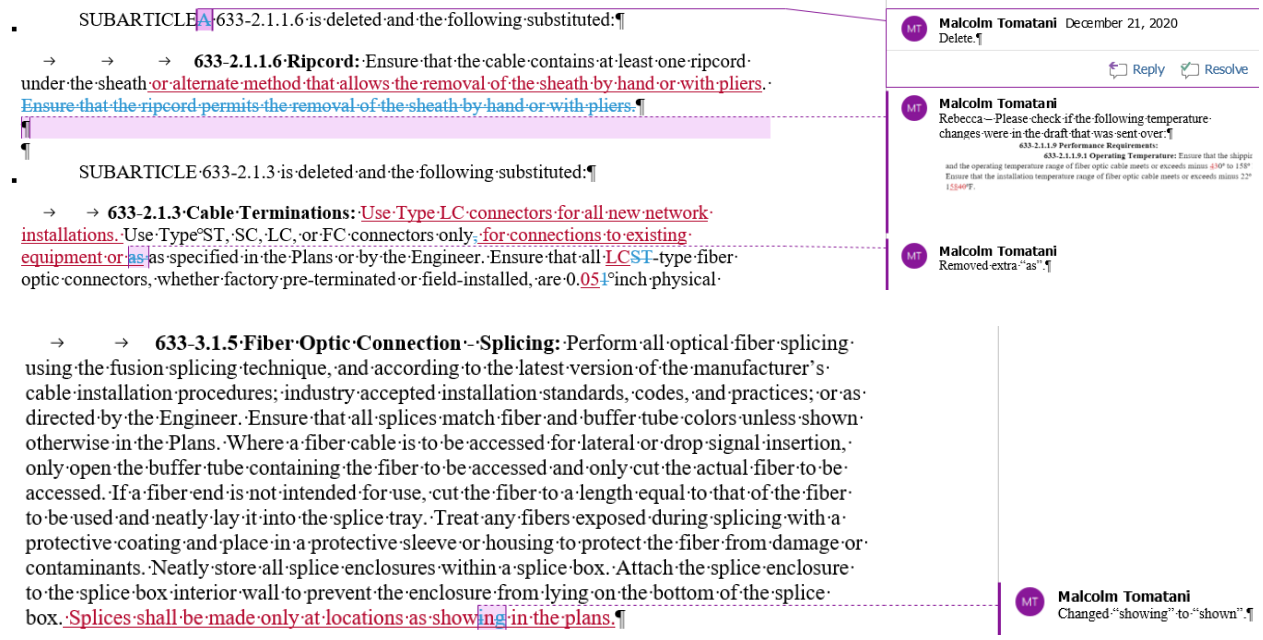
Comments: (12-21-20, Internal)



→ → **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.

Response:

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Scott Arnold
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Comments: (12-22-21, Internal)

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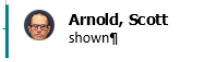

Response:

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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:

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