

Origination Form

Specifications

Submittal Information			
Name:	Ronald Meyer	Standard Specification Section:	633
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Date:	2026-06-09T19:30:28Z	Associated Specs:	632

Summary:

Added content for Aerial Cable Support wire to 633-2.2.1 (moved from 632-2.2). Added content to 633-2.1.4.1 Pre-terminated Patch Panels for clarification.

Justification:

Changes are needed to incorporate Cable Support Wire content moved from Section 632 and clarify default minimum length of pre-terminated patch panel cable stubs.

Do the changes affect other types of specifications?

Neither

List Specifications Affected:

Other Affected Documents/Offices	Contacted	Yes/No
Other Standard Plans		No
Florida Design Manual		No
Structures Manual		No
Basis of Estimates Manual		No
Approved Product List		No
Construction Office		No
Maintenance Office		No
Materials Manual		No

Are changes in line with promoting and making progress on improving safety, enhancing mobility, inspiring innovation, and fostering talent; explain how?

Yes. Changes reflect stakeholder needs, update and clarify technical requirements, and improve consistency and quality of specification content.

What financial impact does the change have; project costs, pay item structure, or consultant fees?

No expected financial impact.

What impact does the change have on production or construction schedules?

No expected impacts to production or construction schedules.

How does this change improve efficiency or quality?

Changes improve efficiency and quality by updating requirements to address user needs, fostering consistency, and adhering to standardized formatting styles.

Which FDOT offices does the change impact?

Traffic Engineering and Operations Office

What is the impact to districts with this change?

Districts will benefit from updated requirements that address needs, provide additional clarity, and reflect best practices.

Does the change shift risk and to who?

No expected shift in risk.

Provide summary and resolution of any outstanding comments from the districts or industry.

Comments and Responses are available on the Track the Status of Revisions hyperlink located on the Specifications landing page: <https://www.fdot.gov/specifications/default.shtm>

What is the communication plan?

Through the established specification revision process (e.g., Internal and Industry Review)

What is the schedule for implementation?

The Standard Specifications eBook and Workbook are effective July 1st every year.

COMMUNICATION CABLE
(REV 6-9-26)

SUBARTICLE 633-2.1.4.1 is deleted and the following substituted:

633-2.1.4.1 Pre-terminated Patch Panels: Ensure that the pre-terminated patch panel includes a factory installed all-dielectric SMF cable stub that is a minimum of 10 feet long with sufficient slack for routing and splicing to a fiber optic drop cable within the cabinet unless otherwise shown in the Plans. Ensure that the panel includes factory installed and terminated LC-type panel connectors unless otherwise shown in the Plans. ~~Ensure that the cable stub is of sufficient length to splice the stub and provide a fiber connection between the panel and the backbone fiber cable or as directed by the Engineer.~~

SUBARTICLE 633-2.2.1 is deleted and the following substituted:

633-2.2.1 Aerial Cable Support Wire: ~~Meet the requirements of 632-2.2.~~ Provide utilities grade zinc-coated support wire meeting the requirements of ASTM A475, whether separate or integral to cable, having a minimum nominal diameter of 1/4 inches.

SUBARTICLE 633-2.2.2 is deleted and the following substituted:

633-2.2.2 Aerial Cable Attachment Hardware: Meet the requirements of 632-2.32.