

Specification Section 632

Subarticle 632-2

ORIGINATION

Date: 6-9-2026

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COMMENTARY

Need to remove content for Cable Support Wire as it is not intended for use with signal cable. The content was originally for aerial interconnect support in the old Minimum Specifications for Traffic Control Signals and Devices (i.e., "MinSpecs"). The TERL will also be recommending an associated change to 633 to move this content there (where it is more appropriate).

INDUSTRY COMMENTS AND RESPONSES

(Please note all comments and responses are verbatim as received. The Specifications Office does not alter typos or grammar.)

BLACK = Comment **BLUE** = Specifications Response **GREEN** = Change Made to Specification

Name: Steven Sheffield

Date: 7-1-2026

COMMENT: The stated intent of this revision is to delete the Cable Support Wire requirements from Article 632-2.2 and relocate them to Section 633. However, the proposed specification language still includes Subarticle 632-2.2, "Cable Support Wire," with its existing material requirements. Please confirm whether the attached specification is the correct revision. If the intent is to remove these requirements from Section 632, it appears the proposed language does not reflect that change. Additionally, Subarticle "632-2.32" appears to be a numbering error and may be intended to read "632-2.3."

RESPONSE: Perhaps there was an issue with the markups displaying properly when the file was reviewed. We doublechecked the file posted and it appears that the proposed deletion and edits are shown correctly (as illustrated below with blue strikethrough text to indicate planned deletion):

SIGNAL CABLE (REV 6-9-26)

ARTICLE 632-2 is deleted and the following substituted:

632-2 Materials.

Use only new materials meeting the requirements of this Section.

632-2.1 Signal Cable: Use either polyethylene insulated, polyvinyl chloride jacketed signal cable conforming to the requirements of the International Municipal Signal Association, Inc. (IMSA) Specification No. 19-1 or polyethylene insulated, polyethylene jacketed signal cable conforming to the requirements of IMSA Specification No. 20-1. Use signal cable conductors of stranded copper, No. 14 AWG or larger.

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

632-2.3 Cable Attachment Hardware: Ensure that all bolts and nuts less than 5/8 inch in diameter are passivated stainless steel, Type 316 or Type 304 and meet the requirements of ASTM F593 and ASTM F594 for corrosion resistance. Ensure that all bolts and nuts 5/8 inch and over in diameter are galvanized and meet the requirements of ASTM A307. Use attachment hardware with sufficient tensile strength for the application. Use stainless steel lashing wire, galvanized or stainless steel lashing rod, cable rings or self-locking cable ties of UV stabilized black plastic having a minimum tensile strength of 100 pounds.

ACTION TAKEN: No additional action or changes needed.