



Florida Department of Transportation

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M E M O R A N D U M

DATE: June 4, 2009
TO: Specification Review Distribution List
FROM: Rudy Powell, Jr., P.E., State Specifications Engineer
SUBJECT: Proposed Specification: 9930104 Object Markers and Delineators

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change.

This change was proposed by Chester Henson to remove references to Section 700, which contained the requirements for U-Channel posts and include those requirements in Section 993. U-Channel posts are no longer allowed for permanent sign installations and Section 700 is being revised to reflect this change.

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or to my attention via e-mail at ST986RP or rudy.powell@dot.state.fl.us. Comments received after July 1, 2009, may not be considered. Your input is encouraged.

RP/dt
Attachment

OBJECT MARKERS AND DELINEATORS.

(REV 5-21-09)

SUBARTICLE 993-1.4(of the Supplemental Specifications) is deleted and the following substituted:

993-1.4 Posts: The marker posts shall be of steel or aluminum as shown in the Design Standards or plans. Steel posts shall be 2.5[#]/Ft. flanged U-Channel ~~meeting the requirements of 700-2.3.~~ *The U-channel posts shall meet the mechanical requirements of ASTM A 499, Grade 60 and meet the chemical requirements of ASTM A 1. Provide U-channel posts that have been galvanized after fabrication in accordance with ASTM A 123 and have a smooth uniform finish free from defects affecting strength, durability and appearance. For each U-channel, punch or drill 3/8 inch diameter holes on 1 inch centers through the center of the post, starting approximately 1 inch from the top and extending the full length of the post. The weight per foot of a manufacturer's U-channel size shall not vary more than plus or minus 3 1/2 % of its specified weight per foot. Machine-straighten the U-channel to a tolerance of 0.4 % of the length. U-channel posts are listed on the QPL.* Round aluminum posts shall meet the requirements of Index 11860.

Use attachment hardware (nuts, bolts, clamps, brackets, braces, etc.) of a non-corrosive metal, aluminum or steel, meeting the vendor requirements specified on the QPL drawings.

SUBARTICLE 993-2.3.1 (of the Supplemental Specifications) is deleted and the following substituted:

993-2.3.1 Posts: The post shall be 1.1 [#]/Ft. steel U-Channel posts meeting the requirements of ~~700-2.3~~**993-1.4.**