

EXPECTED IMPLEMENTATION JULY 2024 (FY 2024-25)

991 CHANNELIZING DEVICE MATERIALS. (REV 7-10-23) (FA 10-12-23) (FY 2024-25)

SUBARTICLE 991-1.5 s deleted and the following substituted:

991-1.5 Product Testing: Manufacturers seeking evaluation of Tubular Markers not listed on the APL must include test reports from the National Transportation Product Evaluation Program (NTPEP) documenting the product meets the requirements of this Section. NTPEP impact testing must be performed on concrete in accordance with NTPEP Evaluation of Temporary Traffic Control Devices: Flexible Delineators for the category of High Speed Applications and for hot weather test temperature only.

Impact tests shall be performed only on tubular markers measuring 36 inches above the pavement surface.

Acceptable products are those meeting the following requirements after receiving an average of 45 bumper impacts per sample and an average of 150 tire impacts per sample:

1. All posts shall self-restore to within 15 degrees list or lean from vertical.
2. All posts shall have a minimum of 50% of its cross-section, at any point along the post height, free of tears or cracks.

991-1.6 Approved Product List Submission Requirements: Manufacturers seeking evaluation of Tubular Marker products for inclusion on the APL shall submit an application in accordance with Section 6 and include the following documentation.

Documentation	Requirement
Installation Instructions	Include mounting surface preparations, and touch-up and repair procedures. Separate installation instructions are required for different substrates. Identify adhesive types and mechanical anchor types for attachment of base to substrate.
National Testing Product Evaluation Program (NTPEP) audit report	See Section 991-1.5
Product Label Photo	Displays the Product Name. Displays additional label requirements, if needed.
Product Photo	Displays the significant features of the product. Displays location of Manufacturer name and model number.

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Table 991-1	
Documentation	Requirement
Technical Data Sheet, marker	Uniquely identifies the product and includes product specifications, storage instructions, and recommended installation materials and equipment as applicable.
Product Sample	Upon request from the Department, submit a sample of the tubular marker mounting material or hardware. If the product is a system comprised of multiple parts, a sample of each part must be submitted.