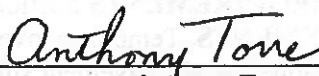


SUPERSEDED BY EB 15-031 EFFECTIVE 9/28/15		New York State Department of Transportation ENGINEERING INSTRUCTION	EI 12-010
Title: REVISIONS TO STANDARD SPECIFICATIONS §729-21 AND §730-21			
Target Audience: ☒ Manufacturers (18) ☒ Local Govt. (31) ☒ Agencies (32) ☐ Surveyors (33) ☒ Consultants (34) ☒ Contractors (39) ☐ _____ ()		Approved:  Anthony Torre, P.E. Acting Deputy Chief Engineer, Research 04-23-2012 Date	

ADMINISTRATIVE INFORMATION:

- This Engineering Instruction (EI) is effective with projects submitted for the letting of 09/06/2012.
- This EI modifies EI 11-018 to supplement Standard Specification §729-21 *Temporary Overlay Markers* created by that EI.
- This EI revises Standard Specification §730-21 *Flexible Delineators Posts*.
- These revisions will be incorporated into a future update of the Standard Specifications.

PURPOSE: This EI revises Standard Specifications §729-21 *Temporary Overlay Markers* and §730-21 *Flexible Delineator Posts*.

TECHNICAL INFORMATION:

- ASTM Type V is a retroreflective sheeting referred to as “super high-intensity” that is typically a metalized microprismatic retroreflective element material and is being added to the Materials Requirements of §729-21 *Temporary Overlay Markers*.
- Class E (ASTM Type IX) is a retroreflective sheeting typically manufactured as an unmetalized cube corner microprismatic retroreflective and is being added to the Materials Requirements of §730-21 *Flexible Delineators Posts*.
- These additional materials will not have significant cost impact.

IMPLEMENTATION:

The Design Quality Assurance Bureau will make the attached revision to contract proposals beginning with projects submitted for letting of 09/06/2012.

Engineers-in-Charge of ongoing contracts and those let prior to the inclusion of the revision to the Standard Specifications in the contract proposal may file a copy of this EI in the contract records as documentation of the change in accordance with the Contract Administration Manual (CAM) §104-02.

TRANSMITTED MATERIALS:

This EI transmits standard specifications revisions for §729-21 *Temporary Overlay Markers* and for §730-21 *Flexible Delineator Posts* in both Metric and USC units.

CONTACT: Questions regarding these revisions can be directed to Patrick Galarza of the Materials Bureau at (518) 457-4599 or pgalarza@dot.state.ny.us.

**REVISION TO STANDARD SPECIFICATIONS §729-21 AND §730-21
(Metric)**

Make the following modification to EI 11-018:

Page 13

729-21 TEMPORARY OVERLAY MARKERS

Delete the **MATERIAL REQUIREMENTS** Section in its entirety and replace it with the following:

“MATERIAL REQUIREMENTS. Temporary overlay markers are flexible polymer “L” shaped road reflectors with an adhesive on its base to adhere to the pavement surface. Temporary overlay markers are approximately 100 mm wide by 50 mm high with at least a 25 mm base. Yellow temporary overlay markers have a yellow reflective sheeting strip a minimum of 6 mm in height at the top of the vertical section on both sides. White temporary overlay markers have a white reflective strip a minimum of 6 mm in height at the top of the vertical section on one side only. Reflective sheeting shall conform to §730-05 *Reflective Sheeting* ASTM Type III (Class B), ASTM Type V (Class C), ASTM Type VII (Class D) or ASTM Type IX (Class E).”

Make the following change to the Standard Specifications of May 4, 2006:

Page 981 under **730-21 FLEXIBLE DELINEATOR POSTS**, delete the **MATERIAL REQUIREMENTS** Section in its entirety and replace it with the following:

“MATERIALS REQUIREMENTS. Flexible delineator posts shall be supplied with reflective sheeting of a size and color as required by the contract documents. The color of the posts shall match the color of the reflective sheeting unless otherwise specified in the contract documents. Where double unit reflectors are specified, elongated reflective sheeting may be substituted as in accordance with the MUTCD.

Reflective sheeting shall be fabricated of a material conforming to the requirements of §730-05 *Reflective Sheeting*, Class B, Class C, or Class E. Sheeting shall be applied in accordance with the sheeting manufacturer’s written instructions.”

REVISION TO STANDARD SPECIFICATION §729-21 AND §730-21
(US Customary)

Make the following modification to EI 11-018:

Page 13

729-21 TEMPORARY OVERLAY MARKERS

Delete the **MATERIAL REQUIREMENTS** Section in its entirety and replace it with the following:
“**MATERIAL REQUIREMENTS.** Temporary overlay markers are flexible polymer “L” shaped road reflectors with an adhesive on its base to adhere to the pavement surface. Temporary overlay markers are approximately 4 inches wide by 2 inches high with at least a 1 inch base. Yellow temporary overlay markers have a yellow reflective sheeting strip a minimum of ¼ inch in height at the top of the vertical section on both sides. White temporary overlay markers have a white reflective strip a minimum of ¼ inch in height at the top of the vertical section on one side only. Reflective sheeting shall conform to §730-05 *Reflective Sheeting* ASTM Type III (Class B), ASTM Type V (Class C), ASTM Type VII (Class D) or ASTM Type IX (Class E).”

Make the following change to the Standard Specifications of May 1, 2008:

Page 1037 under **730-21 FLEXIBLE DELINEATOR POSTS**, delete the **MATERIAL REQUIREMENTS** Section in its entirety and replace it with the following:

“**MATERIALS REQUIREMENTS.** Flexible delineator posts shall be supplied with reflective sheeting of a size and color as required by the contract documents. The color of the posts shall match the color of the reflective sheeting unless otherwise specified in the contract documents. Where double unit reflectors are specified, elongated reflective sheeting may be substituted as in accordance with the MUTCD.

Reflective sheeting shall be fabricated of a material conforming to the requirements of §730-05 *Reflective Sheeting*, Class B, Class C, or Class E. Sheeting shall be applied in accordance with the sheeting manufacturer’s written instructions.”