

SUPERSEDED BY EB 15-031 EFFECTIVE 9/28/15		New York State Department of Transportation ENGINEERING INSTRUCTION	EI 09-004
Title: STANDARD SPECIFICATIONS §730-12 AND §730-13			
Distribution: ☒ Manufacturers (18) ☒ Local Govt. (31) ☒ Agencies (32) ☐ Surveyors (33) ☒ Consultants (34) ☒ Contractors (39) ☐ _____ ()		Approved:  Robert Sack, P.E. Deputy Chief Engineer (Research) <u>20 JAN 09</u> Date	

ADMINISTRATIVE INFORMATION:

- This Engineering Instruction (EI) is effective beginning with projects submitted for the letting of May 7, 2009.
- This EI does not supersede any other issuance.
- The revisions issued with this EI will be incorporated into the next update of the Standard Specifications.

PURPOSE: The purpose of this EI is to issue revisions to Standard Specifications §730-12 (REFLECTORIZED SHEETING AND SIGN CHARACTERS (TYPE IV)) and §730-13 (REFLECTORIZED SHEETING AND SIGN CHARACTERS (TYPE V)).

TECHNICAL INFORMATION:

- §730-11, which contained testing requirements for Sign Characters, and is referenced from §730-12 and §730-13, was deleted by EI 07-004.
- The testing requirements previously contained in §730-11 were revised and added to §730-12 and §730-13.
- No cost impacts are expected.

IMPLEMENTATION:

- Main Office Design Quality Assurance Bureau will insert the standard specification shelf note into contract proposals beginning with projects submitted for the letting of 05/07/09.
- Engineers-in-Charge of ongoing contracts and those let prior to the inclusion of the shelf note in the contract proposal should provide a copy of this EI to the Contractor, and 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 specification shelf notes *Reflectorized Sheeting Sign Characters* for Standard Specifications §730-12 and §730-13. Both Metric and U.S. Customary shelf notes are attached.

BACKGROUND:

Standard Specifications §730-12 and §730-13 refer to Standard Specification §730-11 for “**Basis of Acceptance**”. Standard Specification §730-11 was deleted by EI 07-004, making it necessary to update Standard Specifications §730-12 and §730-13.

CONTACT: Direct questions regarding this issuance to Pat Galarza of the Materials Bureau at (518) 457-4599 or via e-mail at PGalarza@dot.state.ny.us.

REFLECTORIZED SHEETING SIGN CHARACTERS

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

Page 979:

Delete entirely Standard Spec 730-12 and *replace* with:

“730-12 REFLECTORIZED SHEETING SIGN CHARACTERS (TYPE IV)

SCOPE. These specifications cover the material requirements for Type IV reflectorized sheeting sign characters.

MATERIAL REQUIREMENTS. Type IV characters shall consist of cutout reflective sheeting material meeting the requirements of §730-05 Reflective Sheeting, Materials Designation 730-05.02 (Class B).

Characters or borders shall be applied directly to clean, dust-free reflective sheeting background panels. Characters or borders shall be applied mechanically with equipment and in a manner specified by the sheeting manufacturer. Borders shall be cut neatly and butt-joined at corners and panel joints.

TESTING. The Department reserves the right to conduct tests on samples taken by a representative of the Department as follows: 2% or a minimum of five (5) characters (whichever is the greater) for each size character used; and 2% or a minimum of 0.6 m of border (whichever is greater) for each width of border used.

When performed, tests will be conducted in accordance with §730-05 Reflective Sheeting.

BASIS OF ACCEPTANCE. Type IV characters will be accepted on the basis of a material certification that the product conforms to this specification.”

Page 979:

Delete entirely Standard Spec 730-13 and *replace* with:

“730-13 REFLECTORIZED SHEETING SIGN CHARACTERS (TYPE V)

SCOPE. These specifications cover the material requirements for Type V reflectorized sheeting sign characters.

MATERIAL REQUIREMENTS. Type V characters shall consist of a painted, screened, or reverse-screened application of paint, paste, or transparent color of a type and in a manner recommended by the manufacturer of the reflective material.

Reflective material used for reverse-screened signs shall meet the requirements of §730-05 **Reflective Sheeting**, Materials Designation 730-05.02 (Class B).

TESTING. The Department reserves the right to conduct tests on samples taken by a representative of the Department as follows: 2% or a minimum of five (5) characters (whichever is the greater) for each size character used; and 2% or a minimum of 0.6 m of border (whichever is greater) for each width of border used.

When performed, tests will be conducted in accordance with §730-05 Reflective Sheeting.

BASIS OF ACCEPTANCE. Type V characters will be accepted on the basis of a material certification that the product conforms to this specification.”

REFLECTORIZED SHEETING SIGN CHARACTERS

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

Page 1036:

Delete entirely Standard Spec 730-12 and *replace* with:

“730-12 REFLECTORIZED SHEETING SIGN CHARACTERS (TYPE IV)

SCOPE. These specifications cover the material requirements for Type IV reflectORIZED sheeting sign characters.

MATERIAL REQUIREMENTS. Type IV characters shall consist of cutout reflective sheeting material meeting the requirements of §730-05 Reflective Sheeting, Materials Designation 730-05.02 (Class B).

Characters or borders shall be applied directly to clean, dust-free reflective sheeting background panels. Characters or borders shall be applied mechanically with equipment and in a manner specified by the sheeting manufacturer. Borders shall be cut neatly and butt-joined at corners and panel joints.

TESTING. The Department reserves the right to conduct tests on samples taken by a representative of the Department as follows: 2% or a minimum of five (5) characters (whichever is the greater) for each size character used; and 2% or a minimum of 2 ft of border (whichever is greater) for each width of border used.

When performed, tests will be conducted in accordance with §730-05 Reflective Sheeting.

BASIS OF ACCEPTANCE. Type IV characters will be accepted on the basis of a material certification that the product conforms to this specification.”

Page 1036:

Delete entirely Standard Spec 730-13 and *replace* with:

“730-13 REFLECTORIZED SHEETING SIGN CHARACTERS (TYPE V)

SCOPE. These specifications cover the material requirements for Type V reflectORIZED sheeting sign characters.

MATERIAL REQUIREMENTS. Type V characters shall consist of a painted, screened, or reverse-screened application of paint, paste, or transparent color of a type and in a manner recommended by the manufacturer of the reflective material.

Reflective material used for reverse-screened signs shall meet the requirements of §730-05 **Reflective Sheeting**, Materials Designation 730-05.02 (Class B).

TESTING. The Department reserves the right to conduct tests on samples taken by a representative of the Department as follows: 2% or a minimum of five (5) characters (whichever is the greater) for each size character used; and 2% or a minimum of 2 ft of border (whichever is greater) for each width of border used.

When performed, tests will be conducted in accordance with §730-05 Reflective Sheeting.

BASIS OF ACCEPTANCE. Type V characters will be accepted on the basis of a material certification that the product conforms to this specification.”