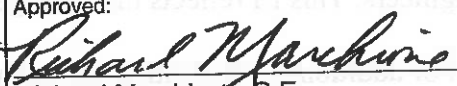


SUPERSEDED BY EB 15-031 EFFECTIVE 9/28/15		New York State Department of Transportation ENGINEERING INSTRUCTION	EI 14-023
Title: REVISIONS TO STANDARD SPECIFICATIONS SECTION 730-27 – PERMANENT VARIABLE MESSAGE SIGNS.			
Target Audience: ☒ Manufacturers (18) ☒ Local Govt. (31) ☒ Agencies (32) ☐ Surveyors (33) ☒ Consultants (34) ☒ Contractors (39) ☒ VMS Manufacturers		Approved:  Richard Marchione, P.E. Deputy Chief Engineer (Structures) 11/15/2014 Date	

ADMINISTRATIVE INFORMATION:

- This Engineering Instruction (EI) is effective beginning with projects submitted for the letting of May 7, 2015.
- This EI supersedes 99-038.
- 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 Specification Section 730-27, Permanent Variable Message Signs.

TECHNICAL INFORMATION:

The following modifications have been made to the Design Criteria section of the Standard Specifications:

- The Shop Drawings for the mounting and connections details of the Permanent Variable Message Signs shall now be submitted to the *Deputy Chief Engineer Structures (DCES)* for approval. The Office of Traffic, Safety and Mobility will no longer receive these drawings.
- Once the shop drawings are approved by the Department, the Contractor will be notified by electronic mail. This is a one time, contract specific approval, for mounting the specific Permanent Variable Message Signs to the specific support.
- The Design Criteria section no longer specifies design loads. Rather, it refers to the most current AASHTO *Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals* for determining design loads.
- Any reference to an Approved List has also been removed.

IMPLEMENTATION:

Design Quality Assurance Bureau will insert the revised Standard Specification Section 730-27 in applicable proposals, beginning with projects submitted for the letting of May 7, 2015.

TRANSMITTED MATERIALS:

Revisions to Standard Specification Section 730-27 - Permanent Variable Message Signs, in both metric and US, are attached.

BACKGROUND:

Design Loads for the Permanent Variable Message Signs are covered under the most current AASHTO Standard Specifications for Structural Support of Highways Signs, Luminaries and Traffic Signals.

Due to the substantially greater loads involved with Permanent Variable Message Signs, it has become necessary to have the mounting and connection details checked and approved by Structural Engineers. This EI reflects that change in practice.

CONTACT: For additional Information and comments please contact Sandra Urrutia at 518-457-4822 or via email at sandra.urrutia@dot.ny.gov

SECTION 730 – SIGNS AND DELINEATORS

Make the following changes to the Standard Specifications dated May 1, 2008 and May 4, 2006.

Delete the DESIGN CRITERIA portion of Section 730-27 PERMANENT VARIABLE MESSAGE SIGNS in its entirety and **Replace** with the following:

“DESIGN CRITERIA. Design loads used in the design of the connection and mounting elements of the sign enclosure shall be as specified in the most current *AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals*.

SUBMITTALS. When details of the connection of the Permanent Variable Message Sign to the sign structure are not included in the Contract Documents, the Contractor shall submit shop drawings to the DCES for approval, detailing how to mount and connect the variable message sign enclosure to the structure. Shop Drawings shall be submitted in accordance with the SCM. Shop Drawings may be submitted electronically to dc.es.metals@dot.ny.gov. If the shop drawings are approved by the Department, the contractor will be notified by electronic mail.”

Delete the TESTS portion of Section 730-27 PERMANENT VARIABLE MESSAGE SIGNS in its entirety.

Delete the BASIS OF ACCEPTANCE portion of Section 730-27 PERMANENT VARIABLE MESSAGE SIGNS in its entirety and **Replace** with the following:

“BASIS OF ACCEPTANCE. Permanent Variable Message Signs will be accepted on the following basis:

- Submission and approval of shop drawings for each different variable message sign supplied.
- Submission and approval of shop drawings, including mounting details of Permanent Variable Message Sign to sign structure.
- Manufacturer’s certificate of compliance to these specifications including compliance to the most current *AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals*.
- If required by the contract documents, submission of mill certifications for structural elements.
- Passing all performance tests as specified in the contract documents.

Final inspection and acceptance of equipment shall be made after installation at the locations specified in the contract documents.”