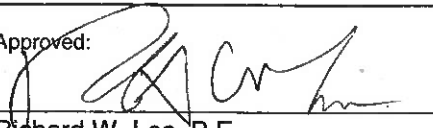


SUPERSEDED BY EB 15-031 EFFECTIVE 9/28/15		New York State Department of Transportation ENGINEERING INSTRUCTION	EI 14-002
Title: REVISIONS TO STANDARD SPECIFICATIONS SECTION 619-3.10 – NATIONAL TRANSPORTATION COMMUNICATION FOR ITS PROTOCOL (NTCIP) COMPLIANT PORTABLE VARIABLE MESSAGE SIGNS (PVMS).			
Target Audience: ☒ Manufacturers (18) ☒ Local Govt. (31) ☒ Agencies (32) ☐ Surveyors (33) ☒ Consultants (34) ☒ Contractors (39) ☐ _____ ()		Approved:  Richard W. Lee, P.E. Acting Deputy Chief Engineer (Design) Date <u>2/26/14</u>	

ADMINISTRATIVE INFORMATION:

- This Engineering Instruction (EI) is effective beginning with projects submitted for the letting of May 8, 2014.
- This EI modifies EI 11-016
- 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 619 Work Zone Traffic Control.

TECHNICAL INFORMATION:

- This EI is being issued concurrently with EB 14-008 Highway Design Manual Revision No. 77-Chapter 16 – Work Zone Traffic Control.
- This EI issues revisions to standard specification pay items 619.1101xx, 619.1102xx, 619.1103xx and 619.1104xx for PVMS. It adds Standard Specification sequence numbers for the NTCIP Compliant Options.
- This EI also adds revisions to section 619-3.10 Portable Variable-Message Signs (PVMS) requiring that the Contractor provide the EIC with the model, manufacture date and manufacturer of which NTCIP Compliant PVMS he or she plans to use from the Department's Approved List. Also prior to acceptance of the PVMS the Contractor shall allow the Regional Transportation Management Center (TMC) to test samples of the NTCIP Compliant PVMS supplied by the Contractor.

IMPLEMENTATION:

- These standard specification pay items are effective for all projects let on or after May 8, 2014. Design Quality Assurance Bureau will insert the revisions to the Standard Specifications in applicable proposals.

PS&E's Already Submitted for letting dates on or after May 8, 2014

Numerous PS&E's may have already been submitted for letting on or after May 8, 2014, prior to the date of this Engineering Instruction and the associated Engineering Bulletin. Staff responsible for PS&E Submissions should revisit these projects and consult with others in the Region (for example, Regional Traffic Safety & Mobility Group, Regional Construction Group, etc.) to determine if NTCIP Compliant PVMS should be specified. If a PS&E Submission needs to be modified to allow for the addition of NTCIP Compliant PVMS, the Designer should contact the

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PS&E Section of DQAB to coordinate the inclusion of the appropriate pay item in the Engineer's Estimate and the revision to the standard specification in the proposal. Amendments may be warranted.

- The following new standard specification pay items are approved. Options 05 and 06 have been added for NTCIP compliant PVMS.

619.1101xx	Portable, Variable Message Sign (PVMS) (Hybrid Flip Disk)	Each
619.1102xx	Portable, Variable Message Sign (PVMS) (LED)	Each
619.1103xx	Portable, Variable Message Sign (PVMS) (Hybrid Flip Disk)	Week
619.1104xx	Portable, Variable Message Sign (PVMS) (LED)	Week

xx= Options

05= Cellular communications – NTCIP Compliant

06= Cellular communications & Radar – NTCIP Compliant

TRANSMITTED MATERIALS:

Revisions to Standard Specification Section 619 Work Zone Traffic Control in both metric and USC are attached.

BACKGROUND: As part of Section 729-16 Portable Variable Message Sign (PVMS) section E, the NTCIP Compliant is available for PVMS; however, Standard Specification Section 619 Work Zone Traffic Control does not include pay items for the NTCIP Compliant. These revisions add standard specification pay items for the NTCIP Compliant.

CONTACT: For additional Information and comments please contact Sandra Urrutia of the Office of Traffic Safety & Mobility at (518) 457-4822 or via email at sandra.urrutia@dot.ny.gov

SECTION 619 – WORK ZONE TRAFFIC CONTROL

Make the following changes to the Standard Specifications dated May 4, 2006 and May 1, 2008 as modified by EI 11-016:

Under section 619-3.10 Portable Variable-Message Signs (PVMS) add the following after the first paragraph:

“If the contract requires a NTCIP compliant PVMS the Contractor shall provide the EIC with the model, manufacture date and manufacturer of the NTCIP compliant PVMS the Contractor plans to use from the Approved List. Prior to acceptance of the NTCIP compliant PVMS the Contractor shall allow the Regional Transportation Management Center (TMC) to conduct operations and communications tests on one or more samples of the NTCIP compliant PVMS supplied by the Contractor. The testing will be used to determine if the proposed PVMS meets the TMC’s operational requirements by demonstrating remote communications to and from the TMC using NTCIP compliant operating software.”

Under the following items:

619.1101xx Portable, Variable Message Sign (PVMS) (Hybrid Flip Disk)	Each
619.1102xx Portable, Variable Message Sign (PVMS) (LED)	Each
619.1103xx Portable, Variable Message Sign (PVMS) (Hybrid Flip Disk)	Week
619.1104xx Portable, Variable Message Sign (PVMS) (LED)	Week

Add the following to the list of options:

xx=

05= Cellular communication – NTCIP Compliant

06= Cellular communication & Radar – NTCIP Compliant