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**PORTSMOUTH-KITTERY  
16189B**

November 3, 2020

**SPECIAL PROVISION**

**AMENDMENT TO SECTION 606 – GUARDRAIL**

- Item 606.1254 - Beam Guardrail (Terminal Unit Type EAGRT, TL 3) (Steel Post)**  
**Item 606.1255 - Beam Guardrail (Terminal Unit Type EAGRT, TL 2) (Steel Post)**  
**Item 606.12551 - Beam Guardrail (Terminal Unit Type EAGRT, TL 2 – 25') (Steel Post)**

**Replace** 2.12 with the following

**2.12** 31” W-Beam Guardrail – Mid-way Splice Flared Terminal components shall be comprised of those shown in the manufacturers installation instructions. 8” blocks shall be used.

**2.12.1** The EAGRT terminal unit shall be an energy absorbing tangent type end unit system selected from one of the following:

<b>Terminal System Type</b>	<b>Manufacturer, and/or US Distributor</b>	<b>Test Level</b>	<b>System Length</b>	<b>Pay Unit Length</b>
Softstop ®	Trinity Highway Products, LLC	TL 2	38' – 3 ½"	62' – 6"
		TL 3	50' – 9 ½"	
MSKT	Road Systems, Inc.	TL 2	25'	62' – 6"
		TL 3	46' – 10 ½"	

**2.12.1.1** The terminal section for the EAGRT terminal unit shall comprise the terminal system and any additional length of standard beam guardrail to meet the pay unit length stated in 2.12.1. If a proprietary guardrail system is required for the guardrail run, that system will be considered “standard beam guardrail” for this purpose.

**2.12.2** The EAGRT TL 2 – 25' terminal unit shall be an energy absorbing tangent type end unit system selected from one of the following (Max-Tension shall only be used in a TL 2 – 25' application):

<b>Terminal System Type</b>	<b>Manufacturer, and/or US Distributor</b>	<b>Test Level</b>	<b>System Length</b>	<b>Pay Unit Length</b>
Max-Tension™	Lindsay Corporation	TL 2	25'	25'
MSKT	Road Systems, Inc.	TL 2	25'	25'

**2.12.2.1** The terminal section for the EAGRT TL 2 -0 25' terminal unit shall be the pay unit length stated in 2.12.2.

**Amend** 3.3 as follows:

**3.3.** Terminal sections shall be installed at each end of every installation of beam guardrail unless otherwise specified. Before installation, the Design-Build Team shall provide the Engineer with copies of the manufacturer's documents indicating satisfactory testing in accordance with MASH 2016 and/or its subsequent revisions and of the approval by the FHWA for use of the terminal unit as intended. The Design-Build Team shall also provide the Engineer with copies of the following:

Manufacturer's detail sheets and installation guide detailing all requirements and system dimensions prior to installation.

Proof of Training for the Trained Installer from the manufacturer of the specific terminal unit to be installed.

Manufacturer's Installation Checklist, completed and signed off by the Trained Installer who observed and inspected the installation of the terminal unit.

Manufacturer's list of component parts which will be forwarded to the appropriate maintenance office, if not included in the installation guide.

**Add** to 3.3.1 the following:

3.3.1.1. The Trained Installer shall have documented proof of training from the manufacturer to install the specific terminal unit. The Trained Installer shall be prepared to show documentation/proof of training prior to any terminal unit installation.

3.3.1.2. The Trained Installer must be present during the installation of the terminal unit.

**Add** to 3.3 the following:

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**3.3.3 Test Level 2 & 3 Installations.** The EAGRT terminal end unit designs are based on the following assumptions: 1) the first 12.5' of the terminal unit is gating; and 2) the length of need begins after the first 12.5' (typically at the 3rd post). The terminal unit length is dependent upon terminal selected for installation. Refer to the FHWA website ([http://safety.fhwa.dot.gov/roadway\\_dept/policy\\_guide/road\\_hardware/listing.cfm?code=cushions](http://safety.fhwa.dot.gov/roadway_dept/policy_guide/road_hardware/listing.cfm?code=cushions)) for the Letters of Acceptance (Eligibility) and the manufacturers' websites for further information.

**3.3.3.1** Regardless of terminal system used, an additional length of standard beam guardrail shall be installed to meet the pay length stated 2.12.1.

**3.3.4 Test Level 2 – 25' Installations.** The EAGRT terminal unit shall only be installed in specific situations as shown on the plans or as ordered by the Engineer.