

**PORTSMOUTH-KITTERY
16189B**

September 18, 2020

SPECIAL PROVISION

SECTION 606 – GUARDRAIL

MAINE TURNPIKE GUARDRAIL:

31” W-BEAM GUARDRAIL – MID-WAY SPLICE FLARED TERMINAL

Description

- 1.1.** This work shall consist of furnishing and installing a MFLEAT (MASH-compliant Flared Energy Absorbing Terminal) for use with the 31” W-Beam Guardrail – Mid-way Splice (7’ Steel Posts, 8” Offset Blocks, Single Faced) as manufactured by Road Systems, Inc., 3616 Old Howard County Airport Road, Big Spring, Texas 79720, (432) 263-2435, and retroreflective adhesive sheeting in accordance with these Specifications and the manufacturer’s installation instructions, and in reasonably close conformity with the lines and grades as shown on the Plans.

Materials

2.1 General Standards Requirements.

- 2.1.1** 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.
- 2.1.2** Reflective sheeting shall meet the requirements of Subsection 719.01, Reflective Sheeting – minimum ASTM Type XI; 3M™ Diamond Grade™ DG³ Reflective Sheeting Series 4000 or approved equal, color white.

2.2 Offset Blocks

- 2.2.1** 8” Non-wood offset blocks shall be used.

Construction Requirements

3.1. General

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3.1.1. The Contractor shall submit a set of installation drawings to the Resident for approval. The system shall be installed in accordance with the manufacturer's recommendation and the installation drawings.

3.1.2. A reflective adhesive sheeting shall be applied to the nose of the MFLEAT System after installation.

3.2. Reflective Sheeting

3.2.1. The color for the reflective sheeting shall be silver (white) when installed on the right shoulder and shall be black chevron on yellow background only when installed on the left shoulder.