

**SF 189 HLNA HT Median Cable Rail  
HSIP 15-3(110)187  
9796000**

MDT Standard Specifications related are hereby modified as follows:

1) 203.03.2A. applies to all existing slopes, existing slopes are considered finished slopes. Any slope work for cable rail installation per 203.03.2.C is modified to not require the 4' step requirement for slopes 4:1 or flatter. Vegetative material removal requirement is not required for fills.

203.03.6 Topsoil Salvage and Replace, the first paragraph is hereby rescinded and replaced with "Removal of existing topsoil is not required."

2) Subsection 713.05 is hereby modified as follows, this specification is only applicable to imported "furnished" topsoil and not applicable to topsoil that is salvaged and placed. Topsoil imported is to be placed at a nominal 3 inches of depth with a +/-2 inch tolerance.

**713.05 TOPSOIL**

Furnish topsoil meeting Table 713-4 gradation requirements.

TABLE 713-4

**TOPSOIL GRADATION REQUIREMENTS**

**Fraction Particle Size (mm) Max. % Of Soil  
(-10 Mesh) (2mm) Fraction**

Sand 0.05-2.0 85

Silt 0.005-0.05 80

Clay less than 0.005 50

Gravel larger than 2.0 max. % of total sample<sup>1</sup>

**Notes:**

1. A maximum of 20% is allowable. Any quantity exceeding 10% is not included in the basis for payment.

Gradation is tested in accordance with AASHTO T 88. Gravel larger than 2.0" is not allowed.

Meet the following:

1. Soil pH between 5.5 and 8.0 or up to 8.5 if the exchangeable sodium is less than 10%.
2. Soil electrical conductivity less than 4.0 dS/m or up to 4.5 dS/m if the exchangeable sodium is less than 10%; and
3. Organic content between 2% and 10%. When landscape grade topsoil is specified, ensure organic content is between 5% and 10%. Topsoil is sampled and tested in accordance with MT 601.