



**SPECIAL PROVISIONS
FOR
REINFORCED VEGETATION SYSTEM**

**Dubuque County
NHSX-032-1(50)--3H-31**

**Effective Date
January 17, 2018**

THE STANDARD SPECIFICATIONS, SERIES OF 2015, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE SPECIAL PROVISIONS AND THEY SHALL PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.

150377a.01 DESCRIPTION.

The turf reinforcement mat shall be installed in accordance with the manufacturer's approved installation guidelines to the extents shown on the contract documents.

150377a.02 MATERIALS.

- A.** The turf reinforcement mat shall be Type 4 TRM meeting the requirements of Article 4169.10, E of the Standard Specifications.
- B.** Seeding shall consist of native grass seeding mix complying with Article 2601.03, C, 5 of the Standard Specifications.

150377a.02 CONSTRUCTION.

- A.** The turf reinforcement mat shall be installed in accordance with the manufacturer's approved installation guidelines except as modified within this special provision.
- B.** Coordinate construction sequencing with the installation of the Permanent Soil Nail Slope Reinforcement system.
- C.** Installation of reinforced vegetation system including anchor trenches and ground pinning devices shall conform with the manufacturer's approved installation guidelines.
- D.** Ground pinning devices shall consist of metal pins with a minimum 0.20 in. diameter with a 1 1/2 inch steel washer at the head of the pin. Metal pins shall be driven flush to the soil surface. Pins shall be a minimum 24 inches long. All pins shall be galvanized for corrosion protection or consist of stainless steel.

- E. Ground anchors shall consist of soil nails installed by others as specified in the Special Provisions for Permanent Soil Nail Slope Reinforcement. The exposed portion of the nails shall be cut off flush with the bearing plate.

150377a.04 METHOD OF MEASUREMENT.

Reinforced Vegetation System will be measured on a square foot basis. The final pay quantities will be the design quantity increased or decreased by any changes authorized by the Engineer.

150377a.05 BASIS OF PAYMENT.

The quantity of Reinforced Vegetation System accepted for payment will be paid for at the contract unit price. The contract unit price for the reinforced vegetation system pay items will be full and complete payment for providing all design, materials, labor, equipment, and incidentals to furnish and install the reinforced vegetation system in accordance with the plans and specifications.