

REVISION OF SECTION 213
COMPOST BLANKET

Section 213 of the Standard Specifications is hereby revised for this project as follows:

Subsection 213.01 shall include the following:

This work consists of furnishing and installing Compost Blanket on a disturbed area to temporarily stabilize bare soils as shown on the plans or as directed by the Engineer.

Subsection 213.02 shall include the following:

- (h) *Compost Blanket* shall consist of 100% Compost for Erosion Log (Type 2) in accordance with subsection 212.02(c)2. Compost shall be from a producer that participates in the United States Composting Council’s (USCC) Seal of Testing Assurance (STA) program. The Department will only accept STA approved compost that is tested in accordance with the USCC Test Methods for Examining of Composting and Compost (TMECC) manual.

Verification tests may be conducted by CDOT on grab samples of compost delivered to the site to determine the gradation and physical properties. Testing may be done for indication of ingredients which are injurious to plants. Sampling procedures will follow the STA 02.01 Field Sampling of Compost Materials and 02.01-B Selection of Sampling Locations for Windrows and Piles. If a product is found to consistently deviate from the gradation and property analysis, the acceptance of that product will be discontinued. Copies of the failing test reports will be furnished to the USCC.

Subsection 213.03 shall include the following:

- (i) *Compost Blanket*. Surface preparation shall include sufficient surface roughening with surface variance of 6 to 8 inches before placing compost to prevent sloughing of the Compost Blanket. Under no circumstances shall the ground surface be smooth and compacted. Apply compost with a method that provides 100% soil contact uniformly to a thickness of 2 inches except as otherwise specified. No native soil shall be visible in or through the Compost Blanket. Included in the cost is maintenance of the Compost Blanket in a satisfactory condition for the term of the Contract.

Compost Depth	Cubic Yards/Acre	Approximate Tons/Acre
2 inches	270	108*

*Average compost weight=800 lbs./cubic yard

Compost Blanket shall be distributed using a bulldozer or skid steer or mechanical means such as side discharge spreader unit/ manure spreader or pneumatic blower. When site conditions allow the Contractor shall extend the Compost Blanket three feet past the upper elevation of a disturbance (top of cut) this includes existing vegetation to ensure stormwater does not flow under the blanket.

Mulch Tackifier shall be placed over the entire composted area in accordance with subsection 213.02(c) at the following application.

Powder	Wood Cellulose Fiber	Water
300 lbs./Acre	600 lbs./Are	2000 gal./Acre

Compost Blanket shall not be used use in channels, swales, or other areas where concentrated flows are anticipated and shall not be used on saturated soils that have groundwater seeps. The maximum continuous

slope length is 50 feet. See plans for locations of additional slope breaks (placed on contour) control measures.

Foot traffic, mechanical traffic or grazing shall not be permitted on composted areas. Composted areas damaged due to circumstances beyond the Contractor's control shall be repaired or re-applied as ordered. Payment for corrective work, when ordered, shall be at contract unit price.

Subsection 213.04 shall include the following:

Compost Blanket will be measured by the actual number of square yards of material which is installed and accepted.

Subsection 213.05 shall include the following:

Pay Item	Pay Unit
Compost Blanket	Square Yard

Payment for Compost Blanket will be full compensation for all work, materials and equipment necessary to complete the item. Mulch Tackifier will be full compensation for all work, materials and equipment necessary to complete the item.