



**INDIANA DEPARTMENT OF TRANSPORTATION**  
***Driving Indiana's Economic Growth***

**Design Memorandum No. 15-06**  
**Technical Advisory**

March 23, 2015

**TO:** All Design, Operations, and District Personnel, and Consultants

**FROM:** /s/ Elizabeth W. Phillips  
Elizabeth W. Phillips  
Manager, Office of Standards and Policy  
Bridges Division

**SUBJECT:** Temporary Seeding and Mulching

**REVISES:** *Indiana Design Manual* section 17-4.10(03) and 205-3.02(03)

*Indiana Design Manual* section 17-4.10(03), Temporary Seeding, has been revised to reflect changes previously incorporated into the INDOT *Standard Specifications* and IDM section 205-3.02(03).

#### **17-4.10(03) Temporary Seeding and Temporary Mulch [Rev. Mar 2015]**

The designer should be alert to recognize each work area where soil will be disturbed by construction operations, and is likely to remain in an uncovered state, especially on a multi-phase project, for an extended period of time. Temporary seeding and mulch are used to reduce erosion and sedimentation damage by means of stabilizing a disturbed area where additional work is not scheduled for at least 7 calendar days. The following will apply.

1. Seeding. Use the pay item Temporary Seed Mixture, per pound. Estimate the quantity assuming an application rate of 150 lb/ac. The area used for the temporary seeding should be determined based on the contract type as follows:
  - a. Bridge Contract. The quantity is based on 1.5 times the area of permanent seeding
  - b. Road Contract. The quantity is based on 2 times the area of permanent seeding.
  - c. Maintenance, Traffic, or Preservation. A pay quantity should not be included unless soil disturbance is known. Quantities should then be based on the same area as the permanent seeding.
2. Mulching. Use the pay item Temporary Mulch, per ton. The area used to determine the quantity of temporary mulch should be the same as that used for temporary seeding. Estimate the quantity assuming an application rate of 2.5 t/ac.

On a slope of 3:1 or steeper but flatter than 2:1 Temporary Mulch Stabilization, Type A, B or C is required in addition to Temporary Mulch. On a slope of 2:1 or steeper, a Manufactured Surface Protection Product is required. See section 205 of the INDOT *Standard Specifications* for the various types of mulching stabilization and manufactured surface protection products.

Temporary seeding locations should be shown on the plans. Associated pay items and quantities should be included in the schedule of pay items.