

Section 301.02 Procedures is amended to replace the first and second paragraphs with the following:

If approved by the Engineer, the Contractor may clear and grub to accommodate construction equipment within the right of way up to 5 feet beyond the construction limits at his own expense. The Contractor shall install erosion and siltation control devices concurrent with grubbing operations.

The surface area of earth material exposed by grubbing, stripping topsoil, or excavation shall be limited to that necessary to perform the next operation within a given area. Grubbing of root mat and stumps shall be confined to the area of land where excavation or other land disturbing activities shall be performed by the Contractor within 15 days following grubbing operations.

Section 303.03 (b) Soil Stabilization is replaced with the following:

Soil stabilization shall be applied within 7 days after attaining the appropriate grading increment for that stage of the construction operations, or upon suspension of grading operations for an anticipated duration of greater than 15 days, or upon completion of grading operation for a specific area. Areas excluded from this requirement include areas within 100 feet of the limits of ordinary high water or a delineated wetland, both of which shall be continuously prosecuted until completed. Soil stabilization includes; temporary and permanent seeding, riprap, aggregate, sod, mulching, and soil stabilization blankets and matting in conjunction with seeding. The applicable type of soil stabilization shall depend upon the location of areas requiring stabilization, time of year (season) and weather conditions and stage of construction operations.

Cut and fill slopes shall be shaped and topsoiled where specified. Seed and mulch shall be applied in accordance with the requirements of Section 603 as the work progresses in the following sequence:

1. Slopes whose vertical height is 20 feet or greater shall be seeded in three equal increments of height. Slopes whose vertical height is more than 75 feet shall be seeded in 25-foot increments.
2. Slopes whose vertical height is less than 20 but more than 5 feet shall be seeded in two equal increments.
3. Slopes whose vertical height is 5 feet or less may be seeded in one operation.

Areas that cannot be seeded because of the season should be mulched to provide some protection against erosion to the soil surface. Organic mulch shall be used, and the area then seeded as soon as weather or seasonal conditions permit in accordance with the requirements of Section 303.03(e). Mulch shall be applied in accordance with the

requirements of Section 603.04. Organic mulch includes; straw or hay, fiber mulch, wood cellulose, or wood chips conforming to the requirements of Section 244.02(g).

Section 602.03(b) Applying topsoil is amended to replace the second paragraph with the following:

After topsoil has been applied, large clods, hard lumps, and stones more than 3 inches in diameter; brush; roots; stumps; litter; and foreign material shall be removed from the area. Should residential or commercial yards exist, the size of the large clods, hard lumps, and stones will not exceed $\frac{3}{4}$ inches in diameter. The area will be hand raked to provide a smooth yard suitable for mowing by a yard mower. When the operation (topsoil) is complete, the area shall be in condition to receive seed, sod, or plants without further soil preparation. Areas shall be seeded within 7 calendar days after topsoil is applied.

Section 603.03(e) Applying mulch is replaced with the following:

Mulch shall be applied in a separate application within 48 hours of seeding operations. When straw or hay mulch is used, it shall be applied on seeded areas at the rate of approximately 2 tons per acre. When wood cellulose fiber mulch is used, it shall be uniformly applied at the rate of approximately 1,500 pounds (net dry weight) per acre. Mulch will not be required on overseeded areas.

Straw and hay mulch shall be applied to a uniform thickness in such a manner that not more than 10 percent of the soil surface will be exposed at the conclusion of mulching operations. Wet straw or wet hay shall not be used. Straw or hay mulch shall be anchored to the seeded surface by spraying with wood cellulose fiber mulch at the rate of 750 pounds per acre using approved netting; or using other materials or methods approved by the Engineer. The Contractor may use more than one method of application on the same project.