

1 **1615-4 MEASUREMENT AND PAYMENT**

2 *Temporary Mulching* will be measured and paid in acres, measured along the surface of the
3 ground over which temporary mulch has been placed as directed and accepted.

4 Payment will be made under:

Pay Item	Pay Unit
Temporary Mulching	Acre

5

SECTION 1620

6

TEMPORARY SEEDING7 **1620-1 DESCRIPTION**

8 Seed and mulch selected areas in advance of the permanent seeding and mulching operations
9 to minimize erosion of graded areas during construction operations. The work includes
10 preparing seedbeds; furnishing, placing and covering fertilizer and seed; furnishing and
11 placing mulch; and other operations necessary for seeding the required areas.

12 Perform temporary seeding promptly at the locations and under any of the following
13 conditions when directed:

14 **(A)** When it is impossible or impractical to bring an area to the final line, grade and finish so
15 that permanent seeding and mulching operations can be performed without subsequent
16 serious disturbance by additional grading;

17 **(B)** When erosion occurs or is considered to be potentially substantial on areas of graded
18 roadbed where construction operations are temporarily suspended or where the grading of
19 the roadbed has been completed substantially in advance of the paving construction;

20 **(C)** During seasons of the year when permanent seeding and mulching is prohibited by the
21 contract;

22 **(D)** When an immediate cover would be desirable to minimize erosion, siltation or pollution
23 on any area.

24 The actual conditions that occur during the construction of the project will determine the
25 quantity of seed or fertilizer to be used. The quantity of seed or fertilizer may be increased,
26 decreased or eliminated entirely as directed. Such variations in quantity will not be
27 considered as alterations in the details of construction or a change in the character of the
28 work.

29 **1620-2 MATERIALS**

30 Refer to Division 10.

Item	Section
Fertilizer	1060-2
Mulch for erosion control	1060-5
Seed	1060-4

31 See the contract for analysis of fertilizer and the kinds of seed.

32 **1620-3 CONSTRUCTION METHODS**33 **(A) Seedbed Preparation**

34 Scarify areas to be seeded to a depth of not less than 5 inches unless directed otherwise.
35 The soil conditions and topography will determine the required depth of the seedbed.

36 Prepare the surface to be seeded with adequate furrows, ridges, terraces, trenches or other
37 irregularities in which seeding materials can lodge with reasonable assurance that the
38 materials will not be easily displaced by wind, rain or surface runoff.

Section 1620

(B) Applying and Covering Fertilizer and Seed

The analysis of fertilizer, the kinds of seed and the rates of application of fertilizer and seed shall be as stated in the contract.

Apply no fertilizer or seed when the Engineer determines that conditions are unfavorable for such operations.

Distribute the fertilizer or seed uniformly over the seedbed at the required rates of applications.

Cover fertilizer and seed unless otherwise directed. If covering is required, provide it to the depth acceptable to the Engineer for the prevention of displacement by wind, rain or surface runoff.

Mulch all areas temporarily seeded, in accordance with Section 1615, unless otherwise indicated in the contract or as directed.

Article 1660-5 will be applicable to the approval of equipment and the protection of traffic, structures, guardrails, traffic control devices and other appurtenances.

(C) Mowing and Repair of Temporary Seeding

Maintain areas where temporary seeding is performed in a satisfactory condition, including mowing at the locations and times as directed.

Repair areas of temporary seeding which have been damaged or have failed. Repair includes reshaping or the placing of additional earth material and repeating the seeding process.

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Seed for Temporary Seeding will be measured and paid in pounds. The weight of seed will be determined by bag count of standard weight bags or by weighing the seed.

Fertilizer for Temporary Seeding will be measured and paid in tons. The weight of dry fertilizer will be determined by bag count of standard weight bags or by weighing the fertilizer in trucks on certified platform scales or other certified weighing devices.

Temporary Mulching will be measured and paid in accordance with Article 1615-4.

Mowing will be measured and paid in accordance with Article 1660-8.

Where earthwork and temporary seeding have been adequately constructed, completely drained and properly maintained, and damage occurs due to natural causes, the Contractor will be paid at the contract unit price for the excavated material required for repairs to the damaged earthwork and the contract unit prices for *Seed For Temporary Seeding* and *Fertilizer for Temporary Seeding* for correcting the damaged temporary seeding.

Repair, at no cost to the Department, any damage to earthwork or temporary seeding which is due to carelessness or neglect on the part of the Contractor.

Payment will be made under:

Pay Item	Pay Unit
Seed For Temporary Seeding	Pound
Fertilizer For Temporary Seeding	Ton