

1 Payment will be made under:

Pay Item	Pay Unit
Temporary Mulching	Acre

2

SECTION 1620

3

TEMPORARY SEEDING

4 **1620-1 DESCRIPTION**

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

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

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

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

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

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

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

26 **1620-2 MATERIALS**

27 Refer to Division 10.

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

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

29 **1620-3 CONSTRUCTION METHODS**

30 **(A) Seedbed Preparation**

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

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

36 **(B) Applying and Covering Fertilizer and Seed**

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

Section 1620

- 1 Apply no fertilizer or seed when the Engineer determines that conditions are unfavorable
- 2 for such operations.
- 3 Distribute the fertilizer or seed uniformly over the seedbed at the required rates of
- 4 applications.
- 5 Cover fertilizer and seed unless otherwise directed. If covering is required, provide it to
- 6 the depth acceptable to the Engineer for the prevention of displacement by wind, rain or
- 7 surface runoff.
- 8 Mulch all areas temporarily seeded, in accordance with Section 1615, unless otherwise
- 9 indicated in the contract or as directed.
- 10 Article 1660-5 will be applicable to the approval of equipment and the protection of
- 11 traffic, structures, guardrails, traffic control devices and other appurtenances.

12 **(C) Mowing and Repair of Temporary Seeding**

13 Maintain areas where temporary seeding is performed in a satisfactory condition,

14 including mowing at the locations and times as directed.

15 Repair areas of temporary seeding which have been damaged or have failed. Repair

16 includes reshaping or the placing of additional earth material and repeating the seeding

17 process.

18 **1620-4 MEASUREMENT AND PAYMENT**

19 *Seed for Temporary Seeding* will be measured and paid in pounds. The weight of seed will be

20 determined by bag count of standard weight bags or by weighing the seed.

21 *Fertilizer for Temporary Seeding* will be measured and paid in tons. The weight of dry

22 fertilizer will be determined by bag count of standard weight bags or by weighing the

23 fertilizer in trucks on certified platform scales or other certified weighing devices.

24 *Temporary Mulching* will be measured and paid in accordance with Section 1615.

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

26 Where earthwork and temporary seeding have been adequately constructed, completely

27 drained and properly maintained, and damage occurs due to natural causes, the Contractor

28 will be paid at the contract unit price for the excavated material required for repairs to the

29 damaged earthwork and the contract unit prices for *Seed For Temporary Seeding* and

30 *Fertilizer for Temporary Seeding* for correcting the damaged temporary seeding.

31 Repair, at no cost to the Department, any damage to earthwork or temporary seeding which is

32 due to carelessness or neglect on the part of the Contractor.

33 Payment will be made under:

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