

Section 1615

1 *Sediment Control Stone* will be measured and paid in tons of stone incorporated into the work,
2 or has been delivered to and stockpiled on the project as directed. Stone placed in the
3 stockpile will not be measured a second time. Measure stone by weighing in trucks on
4 certified platform scales or other certified weighing devices.

5 Payment will be made under:

Pay Item	Pay Unit
Stone For Erosion Control, Class __	Ton
Sediment Control Stone	Ton

6 **SECTION 1615**
7 **TEMPORARY MULCHING**

8 **1615-1 DESCRIPTION**

9 Furnish, place and secure mulch material to prevent excessive soil erosion during construction
10 operations where it is impossible or impractical to perform permanent seeding and mulching.

11 The actual conditions which occur during the construction of the project will determine the
12 quantity of mulching. The quantity of mulching may be increased, decreased or eliminated
13 entirely as directed. Such variations in quantity will not be considered as alterations in the
14 details of construction or a change in the character of work.

15 **1615-2 MATERIALS**

16 Refer to Division 10.

Item	Section
Mulch for Erosion Control	1060-5

17 Use undiluted emulsified asphalt or other approved tacking material.

18 **1615-3 CONSTRUCTION METHODS**

19 Place temporary mulch promptly at locations on temporarily seeded or non-seeded areas when
20 so directed.

21 Spread mulch uniformly over the area by hand or by means of appropriate mechanical
22 spreaders or blowers to obtain a satisfactory uniform cover. A satisfactory application of
23 temporary mulch on non-seeded areas consists of a sufficient amount to completely and
24 uniformly cover the ground.

25 When temporary mulching is performed in conjunction with temporary seeding, apply mulch
26 in accordance with Article 1660-6. Complete mulching and tacking within 24 hours of
27 temporary seeding work. Exercise care to prevent displacement of soil and seed or other
28 damage to areas where temporary seeding is done.

29 Apply a sufficient amount of asphalt or other type binding material when using grain straw to
30 assure that the temporary mulch is properly held in place. Take adequate precautions to
31 prevent damage to traffic, structures, guardrails, traffic control devices or any other
32 appurtenances during the application of binding material. Provide adequate covering or
33 change methods of application as required to prevent such damage. Repair any damage that
34 occurs, including any necessary cleaning.

35 Take sufficient precautions to prevent mulch from entering drainage structures through
36 displacement by wind, water or other causes and promptly remove any blockage to drainage
37 facilities.

38 **1615-4 MEASUREMENT AND PAYMENT**

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

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.