

600 SERIES

ROADSIDE DEVELOPMENT

TOPSOIL AND SEEDING
(TOPSOIL, SEEDING AND MULCHING)

Job Element	Date	Project Inspector's Signature
Describes the different types of topsoils.		
Stakes out an area to be topsoiled and seeded.		
Verifies that a seedbed is correctly prepared.		
Enters the proper documentation in regards to topsoil, seeding, and mulching.		

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General description of how competencies were completed:

Trainee's Comments:

Project Inspector's Comments:

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CQIP CHECKLIST

<u>SECTION</u>	<u>QUESTIONS</u>
602.03(a)1	Are all areas designated to receive topsoil shaped, graded, and then scarified or tilled to a depth of approximately 2”?
602.03(a)2	Is topsoil spread only on designated areas to the depth shown on the plans?
602.03(a)3	Is topsoil spread only when the subsoil is in a loose, friable condition?
602.03(b)1	Does the applied loose depth of the topsoil allow the area to conform to the elevations shown on the plans after the topsoil settles?
602.03(b)2	After applying topsoil, have large clods, stones >3” in diameter, brush, roots, stumps, litter, etc. been removed from the area?
602.03(b)3	Is the area seeded within 7 days after topsoil is applied?
603.03(1)	Are seeding operations not performed when the ground is frozen or weather conditions would prevent proper preparation and subsequent operations?
603.03(2)	Did the Contractor notify the Engineer at least 48 hours prior to starting seeding operations?
603.03(a)	Is lime uniformly applied to areas to be seeded at the rate of 2 tons per acre?
603.03(b)1	After the application of lime, are 3:1 or flatter slopes loosened to a depth of approximately 3”?
603.03(b)2	After the application of lime, has the hard or crusted surfaces of excavated slopes, shoulders, and embankment slopes steeper than 3:1 been loosened to a depth of approximately 1”?

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- 603.03(b)3 Is all material >3" in diameter removed and disposed of in accordance with the section on Disposal Areas or as approved by the Engineer?
- 603.03(b)4 Are gullies, washes, and disturbed areas that develop subsequent to final dressing repaired prior to being seeded?
- 603.03(c) Is fertilizer uniformly applied at a rate of 600 lbs. of 15-30-15 or an equivalent quantity of 1-2-1 fertilizer per acre or as specified?
- 603.03(d)1 Are hydroseeding mixtures constantly agitated and applied within 8 hours after mixing began?
- 603.03(d)2 Are leguminous seed inoculated before they are mixed with other seeds and applied within 24 hours of treatment?
- 603.03(d)3 Are leguminous seeds treated at 5 times the amount of the manufacturers recommendations when the hydroseeding method is used?
- 603.03(e)1 Is mulch applied within 48 hours after completion of the seeding operation?
- 603.03(e)2 When straw or hay mulch is used, is it applied uniformly at the rate specified?
- 603.03(e)3 When wood cellulose mulch is used, is it applied uniformly at a rate of approximately 1500 lb. (net dry weight) per acre?
- 603.03(e)4 Is straw or hay mulch applied to a uniform thickness so that no more than 10% of the soil surface is exposed?
- 603.03(e)5 Is straw or hay mulch anchored in accordance with this section?
- 603.03(e)6 Does the Contractor protect all adjacent property and pedestrian areas during the mulching operations?
- 603.04(1) Does the Contractor furnish certified scales to weigh opened bags of seed transferred between projects?
- 603.04(2) Does the Contractor maintain seeded areas until final acceptance of the project?