

## Inspector Quantlist Report 20180207

Diary Number: \_\_\_\_\_

Inspector Name: \_\_\_\_\_

TRACS Number: \_\_\_\_\_

Date: \_\_\_\_\_

### Division VIII: Roadside Development

#### Title: Class II Seeding - Construction

NOI Number(s):
Acres:
Stations:
Drill or Hydro Seed:
Straw or Hydro Straw:

No	Compliance	Narrative	Reference
0.		A pre-activity meeting was held which included the ADOT PLA (ADOT's Professional Landscape Architect) and the Seeding Subcontractor.	Construction Bulletin 11-06
1.		The Contractor provided information and/or documentation for water testing: that water used is free of oil, acid, salts or other harmful substances to plants. The source is approved by PLA prior to use.	Special Provisions 805-2.07
2.		Tillage uprooted all existing vegetation prior to seeding.	Special Provisions 805-3.02
3.		All erosion rills, gullies and uneven areas are filled and leveled prior to the seeding operation.	Special Provisions 805-3.02
4.		Prior to seeding, all SWPPP items to control erosion are in place.	Special Provisions 104.09 (B)
5.		All cut slopes flatter than 3:1 shall be tilled a minimum of 12 inches in depth.	Special Provisions 805-3.02
6.		All fill slopes flatter than 3:1 are tilled a minimum of 6 inches in depth.	Special Provisions 805-3.02
7.		All rocks 4" and larger on the surface are removed from the recovery zone (30 feet of roadway).	Construction Bulletin 11-06 Special Provisions 805-3.02
8.		Compost is not combined with seed in the same slurry.	Special Provisions 805-3.02
9.		Fertilizer and seed are applied separately and not mixed into a slurry with the mulch.	Special Provisions 805-3.05

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10.		The Contractor is using the approved fertilizer mixture with a chemical blend of 24-18-2 and is recorded in Inspector's daily diary.	Construction Manual 105.11 Special Provisions 805-2.06
11.		Each specified seed is furnished in a separate sealed container with tag showing the type of seed, purity, germination and weed content.	Special Provisions 805-2.02 (A)
12.		No seed was furnished / delivered prior to approval by the Engineer and Roadside Development.	Special Provisions 805-2.02 (A)
13.		The seed tag test date is not more than fifteen months prior to the delivery date.	Special Provisions 805-2.02 (A)
14.		The attached seed tag labels for each bag of seed are provided from the seeding contractor.	Special Provisions 805-2.02 (A)
15.		Pure Live Seed (PLS) is calculated (determined by multiplying the sum of the germination, and hard or dormant seed by the purity). Verified and recorded in both the project files and Inspector's daily diary.	Construction Manual 105.11 Special Provisions 805-2.02 (A)
16.		The seeding operation is not performed when wind would prevent a uniform application (over 10 miles per hour). Cease work in Moderate Breezes.	Special Provisions 805-3.01 (A)
17.		If the Contractor is using a drill seeder, it is capable of accurately measuring each type of seed in the mix.	Special Provisions 805-3.03 (B)
18.		Verified the Slope Adjustment Calculation form was used for each area, recorded in both the project files and Inspector's daily diary for use with the Mulch and Seeding Rate/Batch Mix report and match what was approved by PLA.	Construction Bulletin 11-06 Construction Manual 105.11 Special Provisions 805-3.05
19.		Verified the Seeding Rate/Batch Mix form was used for each area and recorded in both the project files and Inspector's daily diary; matches what was approved by the PLA.	Construction Bulletin 11-06 Construction Manual 105.11 Special Provisions 805-3.05
20.		Hydroseed applied Seed (Slurry) is used within 30 minutes of the addition of seed and mulched within 24 hours of application of the seed.	Special Provisions 805-3.03 (C)
21.		If the seed is applied in slurry, the slurry contains a minimum of 40 pounds of tacking agent and 200 pounds of wood fiber per acre.	Special Provisions 805-3.03 (C)
22.		Seed and mulch is applied evenly at the required rate without clumps, globs or unevenness.	Special Provisions 805-3.01 (A)
23.		Hydraulically applied straw mulch is placed in accordance with the requirements of Subsection 805-3.05, Table 5.	Special Provisions 805-3.05
24.		Straw mulch is crimped using discs with flat edges and spaced no more than 9 inches apart, then tacked.	Special Provisions 805-3.04 (B)

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25.		Straw mulch is tacked using a slurry consisting of a minimum of 150 pounds of tacking agent, 500 pounds of thermally refined wood fiber mulch, and 300 gallons of water per acre.	Special Provisions 805-3.04 (C)
26.		The tacking agent quantity is adjusted to meet the minimum standard swell volume of 24 ml. per gram, and documented in the inspector's daily diary.	Construction Manual 105.1 Special Provisions 805-2.03
27.		Hydraulically applied straw mulch and tacking agent is applied as specified in Subsection 805-3.05, Table 5 within 24 hours of seeding. Generally, no soil is visible at the approved application rate.	Special Provisions 805-3.03 (A)
28.		Straw mulch material placed on trees and shrubs, signs, roadways, vehicles, structures and other non-specified areas are removed.	Special Provisions 805-3.03 (A)
29.		All delineators, signs, valve boxes, vaults, or public / private properties damaged are repaired at no cost to the Department.	Special Provisions 203-3 Special Provisions 805-3.07
30.		Surfaces eroded or otherwise damaged after seeding, but before acceptance by the PLA are repaired. Remulched / reseeded / re-tacked.	Special Provisions 805-3.07
31.		Forty-five calendar days after applying the tackifier and straw mulch, the seeded areas are checked. Areas with less than 90% of mulch remaining are re-seeded, re-mulched and / or re-tacked as directed by the PLA.	Special Provisions 805-3.07
32.		Quantlist Minimum Frequency is being followed, one per mobilization.	Construction Bulletin 07-01