

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

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

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

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

**Division III: Aggregate Subbases and Aggregate Bases**  
**Title: Lime Treated Bases**

Lot Number:
Start Station:
End Station:
Lane:
Offset:

No	Compliance	Narrative	Reference
0.		All stakeholders have participated in the pre-activity meeting (can be combined with other pre-activity).	Recommended
1.		The Contractor is protecting property, fences, poles, signs and facilities that are to remain as noted in the plans or special provisions.	Standard Specifications 107.11
2.		The lime is a commercial dry hydrated, a commercial granular, or a commercial pelletized.	Standard Specifications 301-2.01
3.		The lime was sampled when delivered to the site.	Standard Specifications 301-2.01 Materials Testing Manual ARIZ 108
4.		Curing seal is Emulsified Asphalt Grade SS-1 (conforming to the requirements of Section 1005).	Standard Specifications 301-2.03
5.		The roadbed material to be treated is scarified to the depth and full roadway width as shown on the project plans.	Standard Specifications 301-3.01
6.		The material to be treated shall contain no rocks larger than 2 ½ inches in any dimension.	Standard Specifications 301-3.01
7.		If a mixing machine is used, the material is windrowed so that it can pass through the mixer. Weight: Minor	Standard Specifications 301-3.01
8.		The lime was placed at the required rate that does not vary more than 10 percent as specified in the Special Provisions.	Standard Specifications 301-3.02
9.		The equipment used to distribute the lime is approved by the Engineer.	Standard Specifications 301-3.02

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10.		The lime is not mixed or placed while the air temperature is below 40 degrees in the shade or when conditions indicate that the temperature may fall below 40 degrees within 24 hours.	Standard Specifications 301-3.02
11.		The lime for treated base is not placed on frozen subgrade or mixed when the aggregate is frozen.	Standard Specifications 301-3.02
12.		No traffic is allowed to pass over the spread lime except for operation equipment (e.g. water truck, mixing equipment).	Standard Specifications 301-3.02
13.		The mixing is accomplished by traveling pug mill, single or multiple transverse shaft mixer.	Standard Specifications 301-3.03
14.		The equipment used is capable of introducing water or approved admixtures at a controlled rate and continues until the material is uniformly mixed.	Standard Specifications 301-3.03
15.		The moisture content of the completed mixture is within two percent of the optimum moisture content of the material being treated.	Standard Specifications 301-3.03
16.		The thickness of the compacted layer does not exceed eight inches.	Standard Specifications 301-3.04
17.		The initial compaction is done with sheep foot or grid rollers.	Standard Specifications 301-3.04
18.		The final compaction is done with steel wheel or pneumatic tired rollers.	Standard Specifications 301-3.04
19.		The treated subgrade is finished to within 0.04 feet of the established lines, grades and dimensions on the project plans.	Standard Specifications 301-3.04
20.		The treated surface is kept moist until a bituminous curing seal is applied.	Standard Specifications 301-3.05
21.		The bituminous curing seal was uniformly applied at an approximate rate of 0.15 gallons per square yard or as specified (subsection 404-3.05).	Standard Specifications 301-3.05
22.		No equipment or traffic is permitted on the treated subgrade for three days after curing seal is applied.	Standard Specifications 301-3.05
23.		Subsequent subbase, base or pavement course is placed within 10 days after curing seal is applied.	Standard Specifications 301-3.05
24.		The contractor provided the Engineer with a detailed safety program for the protection of the workers and public, covering precautions to be exercised and emergency treatment to be available on the project site.	Standard Specifications 301-3.06
25.		Contractor Safety Plan includes protective equipment for eye, mouth, nose, skin protection and a first aid kit with an eyeball wash.	Standard Specifications 301-3.06
26.		The contractor actively enforces his Safety Plan for the protection of its work force and others in the construction	Standard Specifications 301-3.06
27.		Proper aggregate sampling procedures are being used.	Materials Testing Manual Ariz 105f
28.		Quantlist Minimum Frequency is being followed, one per week.	Construction Bulletin 07-01