

## Inspector Quantlist Report 20181205

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

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

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

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

### Division III: Aggregate Subbases and Aggregate Bases Title: Cement Treated Base

Lot Number:
Station:
Offset:
Lane:
Lift:

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 contractor provided the Engineer a detailed safety program for the protection of the workers and public, covering precautions to be exercised, and emergency treatment / first aid available on the project site.	Standard Specifications 107.08
3.		Contractor's Safety Plan details use of protective equipment for eye, mouth, nose, and skin protection; there is a first aid kit with an eyeball wash.	Standard Specifications 107.08
4.		The water used is free from injurious amounts of oil, acid, alkali, clay, vegetable matter, silt or other harmful matter.	Standard Specifications 1006-2
5.		Aggregate subbases and bases meet the requirements of Subsection 303-2 for Class 2 aggregates unless otherwise specified in the Special Provisions.	Standard Specifications 304-2.01
6.		The Hydraulic cement used meets the requirements of Subsection 1006-2 (Certificates of Analysis were submitted or reviewed).	Standard Specifications 304-2.02
7.		Curing seal is Emulsified Asphalt Grade SS-1(conforming to the requirements of Section 1005).	Standard Specifications 304-2.03
8.		The Contractor has the approved mix design and is following that mix design.	Standard Specifications 304-2.04
9.		A new mix design is submitted when there is a change in materials or proportioning of the materials (from the approved mix design).	Standard Specifications 304-2.04

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10.		The contractor actively enforces his Safety Plan for the protection of everyone in the construction area.	Standard Specifications 107.08
11.		The subgrade, subbase or base is free of loose, extraneous material, and is kept uniformly moist prior to placement of lean concrete base.	Standard Specifications 304-3.01
12.		The equipment used to distribute the cement is approved by the Engineer.	Standard Specifications 304-3.02D
13.		The cement 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 304-3.02D
14.		The material is spread full depth in one pass unless otherwise specified.	Standard Specifications 304-3.02D
15.		The cement treated base is not placed on frozen subgrade or mixed when the aggregate is frozen.	Standard Specifications 304-3.02D
16.		The initial compaction begins immediately after spreading.	Standard Specifications 304-3.03
17.		The compacting equipment overlaps the previous adjacent pass by at least 25 percent of its width.	Standard Specifications 304-3.03
18.		Following initial compaction and before final compaction, the treated material is trimmed by a motor grader or planing machine to the lines, grades and cross sections established or shown on the project plans.	Standard Specifications 304-3.03
19.		The compaction achieves at least 100 percent of maximum density.	Standard Specifications 304-3.03
20.		The finished surface of cement treated base is uniform and does not deviate at any point more than $\pm 0.03$ feet from the bottom of a 10-foot straightedge laid in any direction.	Standard Specifications 304-3.03
21.		The treated subgrade is finished to within 0.04 feet of the established lines, grades and dimensions on the project plans.	Standard Specifications 304-3.03
22.		No more than two hours elapses between the time water is added to the subgrade and cement, and completion of initial compaction prior to trimming.	Standard Specifications 304-3.03
23.		No more than 2 ½ hours elapses between the time water is added to the subgrade and cement, and final compaction after trimming.	Standard Specifications 304-3.04
24.		A construction joint is made at the end of each day's work, or when cement treated base operations are delayed or stopped for more than two hours.	Standard Specifications 304-3.05
25.		The faces of transverse and longitudinal construction joints are moistened prior to placement of the adjacent base material.	Standard Specifications 304-3.05
26.		The bituminous curing seal was uniformly applied at an approximate rate of 0.15 gallons per square yard or as specified.	Standard Specifications 304-3.06
27.		No equipment is permitted on the treated subgrade for 72 hours.	Standard Specifications 304-3.06
28.		Only light traffic is allowed from the fourth through the seventh day after the curing seal has been placed.	Standard Specifications 304-3.06

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29.		Samples for strength tests will be taken at random locations for each lot of production.	Standard Specifications 304-3.07
30.		Proper sampling procedures are being used.	Materials Testing Manual Ariz 105f Materials Quality Assurance, Sampling Guide Schedule, Appendix C
31.		Quantlist Minimum Frequency is being followed, once a week.	Construction Bulletin 07-01