

## Inspector Quantlist Report 20170720

Diary Number: \_\_\_\_\_ Inspector Name: \_\_\_\_\_

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

### Division III: Aggregate Subbases and Aggregate Bases

Title:           Lean Concrete Base

Lot Number:
Pass Number:
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 Hydraulic cement used meets the requirements of Subsection 1006-2 (Certificates of Analysis were submitted or reviewed.)	Standard Specifications 305-2.01
3.		The curing compound is a Type 2, Class A liquid membrane-forming compound.	Standard Specifications 305-2.04
4.		The subgrade, subbase or base is free of loose, extraneous material, and kept uniformly moist prior to placement of lean concrete base.	Standard Specifications 305-3.01
5.		Water used is free from injurious amounts of oil, acid, alkali, clay, vegetable matter, silt or other harmful matter.	Standard Specifications 1006-2
6.		The Lean concrete base is constructed with either slip-form equipment or with forms that conform to the requirements of Subsections 401-3.03(A), 401-3.03(B), and 401-3.03(C).	Standard Specifications 305-3.02
7.		The Contractor has the approved mix design and is following the mix design.	Standard Specifications 305-3.03 A
8.		The Lean concrete base is placed and finished in accordance with requirements of Subsection 401-3.04 (except that Subsection 401-3.04(F), Surface Texturing, is not applicable).	Standard Specifications 305-3.08
9.		The Lean concrete base was placed full width in a single pass or in two or more passes (each pass is a minimum of 12 feet wide).	Standard Specifications 305-3.08

### Inspector Quantlist Report 20170720

10.		The lean concrete base is finished to a smooth floated surface and does not vary by more than 1/8 inch in any direction when measured with a 10-foot straightedge, nor vary by more than 1/4 inch across any construction joint.	Standard Specifications 305-3.08
11.		The Liquid membrane-forming compound is applied to the surface and sides at a rate of not less than one gallon per 100 square feet.	Standard Specifications 305-3.09
12.		The compressive strength and thickness of lean concrete base is evaluated for each lot of production (a lot consists of 4,000 square yards, or fraction thereof, of continuously placed lean concrete base, on a daily basis).	Standard Specifications 305-3.10
13.		The compressive strength of lean concrete base meets the plans requirements.	Standard Specifications 305-3.11
14.		No traffic or equipment will be permitted on lean concrete base until the material has attained the specified seven-day compressive strength.	Standard Specifications 305-3.12
15.		The paver and work bridges are not permitted on the lean concrete base until 72 hours after placement.	Standard Specifications 305-3.12
16.		The Contractor drills four-inch (minimum) diameter cores for thickness, and the lean concrete base meets the plans thickness requirements.	Standard Specifications 305-3.13
17.		Proper aggregate sampling procedures are being used.	Materials Testing Manual Ariz 105f <b>Materials Quality Assurance, Sampling Guide Schedule, Appendix C</b>
18.		At locations where cores have been drilled, the holes are filled with lean concrete base mix before the next course is placed on it.	Standard Specifications 305-3.13
19.		Quantlist Minimum Frequency is being followed, one per week.	Construction Bulletin 07-01