

Inspector Quantlist Report 20200422

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

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

**Division IV: Surface Treatments and Pavements**  
**Title: Bituminous Tack Coat**

Mix Design Type:
Tack Type:
Lot Number:
Lane Number:
Lift Number:
Beginning Station:
Ending Station:

#	Weight	Narrative	Reference
0	Minor	A pre-paving meeting with all key stakeholders was held to review all aspects of the paving operation (can be combined with other pre-activity).	Construction Manual Chapter 4: Surface Treatments And Pavements AC - 4
1	Major	The bituminous material type and rate of application is approved by the Engineer.	Special Provisions 404-3.12
2	Major	The certificates of compliance with all required information (listed in Special Provision 106.05 B) have been submitted for the tack coat for each type and for each shipment to the project.	Standard Specifications 1005-1 Special Provision 106.05 (B)
3	Major	For each shipment (delivery unit), a set of two nearly full half-gallon plastic containers has been sampled per AASHTO T 40 and sent to the lab after discarding one gallon of the material. (At the production facility, by Central Lab). Materials Practice and Procedure Directives 8.2.2.(c)(4).	Standard Specifications 1005-2
4	Major	All distributor trucks have been certified within 12 months prior to the date of spreading and ADOT Bituminous Distribution Truck Certification sticker is in a clearly visible location inside the driver's side door of the truck.	Special Provision 404-3.02 (A)
5	Major	A valid copy of the Certificate of Test (Arizona Test Method 411) is to be carried in the distributor truck.	Special Provision 404-3.02 (A)
6	Major	The distributor truck has: a tachometer, pressure gauge, accurate volume measuring device or calibrated tank, thermometer for measuring temperatures of the tank, power unit for pump, spray bar and continuous circulation through tank and spray bar.	Standard Specifications 404-3.02 (A)
7	Major	For paving grade asphalt, the range of temperature for spraying is between 275 and 400 degrees F and is recorded in the daily diary.	Special Provision 1005 TABLE 1005-6
8	Major	Emulsified Asphalt (Special Type) is not allowed prior to placing ACFC or AR-ACFC or AR-AC. Please see table in section 404-3.12.	Standard Specifications 404-3.12
9	Major	Emulsified asphalt (special type) shall consist of Type SS-1 or CSS-1 diluted with water to provide asphalt content not less than 26 percent. The water used must be potable. The material shall not be diluted in the field.	Special Provisions 1005-3.04

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10	Major	For Emulsified Asphalts, SS-1 and CSS-1 and Emulsified Asphalts (Special Type), the range of temperature for spraying is between 70 and 160 degrees F and is recorded in the daily diary.	Standard Specification 1005-3.07 TABLE 1005-6
11	Major	For Emulsified Asphalt RS-1, the range of temperature for spraying is between 70 and 140 degrees F and is recorded in the daily diary.	Standard Specification 1005-3.07 TABLE 1005-6
12	Major	For Emulsified Asphalts CRS-1, RS-2, CRS-2, and CRS-2P the range of temperature for spraying is between 125 and 185 degrees F and is recorded in the daily diary. (CRS-2P temperature can be modified by the engineer)	Standard Specification 1005-3.07 TABLE 1005-6
13	Major	The surface to be treated shall be thoroughly cleaned to the satisfaction of the Engineer prior to applying the bituminous material.	Standard Specifications 404-3.04
14	Major	At the project site, 3 samples of nearly full half-gallon plastic containers per delivery unit collected per AASHTO T 40 after discarding one gallon of the material. Materials Practice and Procedure Directives 8.2.3(b)(4).	Standard Specifications 1005-2
15	Major	The bituminous material is uniformly applied to the prepared surface.	Standard Specifications 404-3.05
16	Minor	In order to obtain uniform distribution, the distribution shall be promptly started or stopped at the junction of two applications in a manner that will not result in overlaps or gaps in the applications.	Standard Specifications 404-3.05
17	Critical	In the event that any spots are missed in the application, or any areas develop that do not have a uniform spread or penetration, such areas shall be remedied as directed by the Engineer.	Standard Specifications 404-3.05
18	Critical	Emulsified asphalt has broken before asphaltic concrete is placed.	Standard Specifications 404-3.12
19	Major	Bituminous material is applied only as far in advance as necessary to obtain the proper condition of tackiness.	Standard Specifications 404-3.12
20	Major	In no event shall more tack coat be applied in one day than will be covered by the bituminous mixture during that same day.	Standard Specifications 404-3.12
21	Major	A sufficient amount of tack coat application rates have been calculated and reported on the Project Asphalt Report (spread sheet). (Construction Manual 402-6)	Construction Manual 404-3.12
22	Minor	Care shall be taken to prevent the spraying or splattering of bituminous material on adjacent pavements, structures, curb, guardrail, trees and shrubbery or any other object outside of the area designated for spraying.	Standard Specifications 404-3.05
23	Major	The treated surface is not prematurely damaged or marred by traffic. The contractor shall erect and maintain approved barricades, signs and other traffic control devices and shall use every possible means to protect the work and to exclude traffic from the roadway surface for as long a time as may be required.	Standard Specifications 404-3.03
24	Major	Unused bituminous materials are not disposed of within the right-of-way lines.	Standard Specifications 404-3.05
25	Major	There is no evidence of petroleum products or other liquids that have been spilled onto the ground.	Erosion and Pollution Control Manual
26	Minor	Quantlist Minimum Frequency is being followed, one per week.	Construction Bulletin 07-01