

Inspector Quantlist Report 20170720

Diary Number: _____

Inspector Name: _____

TRACS Number: _____

Date: _____

Division IV: Surface Treatments and Pavements

Title: Chip Seal Coat

Placement Date
Material Type
Route
Lane Number
Begin Station
End Station

Attribute Numbers	Compliance	Narratives	References
0.		Has the bituminous material been sampled and tested by ADOT?	Standard Specifications 1005-2
1.		Has the certificate of compliance been submitted for the bituminous material?	Standard Specifications 1005-1
2.		The required inspection and testing standards available to technicians, and they also have the mix design approved by ADOT's District Regional Materials Engineer or ADOT's Central Lab Materials Engineer.	Construction Manual 405-3.07
3.		Is the bituminous material type as per Special Provision?	Special Provisions 404-3.14
4.		Does the distributor truck have: a valid and current ADOT certification sticker (certified within 12 months from the date of spreading) and documented in the daily diary or documentation in the project file.	Standard Specifications 404-3.02 (A)
5.		Does the distributor truck have: 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)

6.		Is the cover material tested and approved before use?	Standard Specifications 4.04-3.14 Standard Specifications 404-2.02 (C)
7.		Are the chip seal placement dates in compliance with the dates specified in the Standard Specifications?	Standard Specifications 404-3.14
8.		Have all holes, depressions or irregularities been repaired?	Standard Specifications 404.304
9.		The existing surface is dry and surface temperature is at least 85°F; ambient temperature at start of application is at least 65°F and rising. Application of bituminous material is stopped if the air temperature is 70°F or less and falling.	Standard Specifications 404-3.01
10.		Is the existing surface uniformly smooth, firm and clean prior to applying the bituminous material?	Standard Specifications 404-3.04
11.		Is the application rate of the bituminous material as specified in the Special Provisions?	Standard Specifications 404-3.14
12.		The application temperature of the bituminous material is between 125-185 degrees F.	Standard Specifications Table 1005-6
13.		Is the bituminous material uniformly applied?	Standard Specifications 404-3.05
14.		Are any spots missed in the application of bituminous material quickly remedied?	Standard Specifications 404-3.05
15.		Are proper precautions taken to prevent splattering of bituminous material on curbs, guardrail, sidewalks, shrubbery etc.?	Standard Specifications 404-3.05
16.		Is the distributor truck operating effectively at the junctions of two applications in a manner that does not result in overlaps or gaps?	Standard Specifications 404-3.05
17.		Are the transverse joints constructed as approved by the Engineer?	Standard Specifications 404-3.10
18.		Are the longitudinal joints, "butt joints"?	Standard Specifications 404-3.10
19.		Are the joints cleaned prior to the application of bituminous material in the adjacent strip?	Standard Specifications 404-3.10
20.		Are the tires of the pneumatic tired rollers inflated to 90 lbs. per square inch?	Standard Specifications 404-3.02 (C)
21.		Is the aggregate spreader equipped with positive controls to assure a uniform spread?	Standard Specifications 404-3.02 (D)
22.		Is the cover material wet, but free of running water?	Standard Specifications 404-3.06
23.		Is the cover material promptly rolled?	Standard Specifications 404-3.07

24.		Is the cover material application rate met?	Standard Specifications 404-3.14
25.		Are a sufficient number of compactors provided in order to cover the width of the material spread in one pass?	Standard Specifications 404-3.07
26.		Is the rolling continued until a minimum of three passes has been completed?	Standard Specifications 404-3.07
27.		Is the contractor's hauling equipment kept at speeds of not more than 15 mph during the traffic free period of three hours?	Standard Specifications 404-3.14
28.		Are the bristles of the rotary type power broom of reasonably uniform length and capable of cleaning without gouging or tearing the surface?	Standard Specifications 404-3.02 (B)
29.		After the traffic free period, but prior to removing the surplus material, is all traffic kept at speeds of not more than 25 mph?	Standard Specifications 404-3.14
30.		Is the entire surplus material removed in not less than 12 hours or more than 36 hours except when conditions dictate a longer period is desirable?	Standard Specifications 404-3.08
31.		Is the weight of all moisture contained in the cover material deducted prior to the conversion of the weight in tons to cubic yards?	Standard Specifications 404-4
32.		Are adequate barricades, cones, signs, and other traffic control devices used to exclude traffic from the mobile work zone?	Standard Specifications 404-3.03
33.		Quantlist Minimum Frequency is being followed one per week.	Construction Bulletin 07-01