Diary Number: _____ Inspector Name:_____

TRACS Number: _____ Date: _____

Division IV: Surface Treatments and Pavements
Title: Chip Seal Coat

Placement Date:	Bituminous Material Type:
Route:	Lane Number:
Begin Station:	End Station:

Attribute Numbers	Yes / No N/A	Narratives	References
0.		Was a pre-paving meeting with all the key stakeholders held to review all aspects of the paving operation?	Construction Manual Chapter 4: Surface Treatments And Pavements AC - 4
1.		Has the bituminous material been sampled per AZ Test Method 103?	2021 Standard Specifications 1005-2 pg. 1136
2.		Has a certificate of compliance been submitted for the bituminous material?	2021 Standard Specifications 1005-1 pg. 1136
3.		Does the bituminous material meet the type and grade specified in the Special Provisions, and conforms to the requirements of the table in section 404-2.01?	2021 Standard Specification 404-2.01 pg. 298
4.		Is the cover material made of clean sand, gravel, or crushed rock and is free from lumps or balls of clay?	2021 Standard Specifications 404-2.02 (C) pg. 299
5.		Is the cover material free of calcareous or clay coatings, caliche, synthetic materials, organic matter, or foreign substances?	2021 Standard Specifications 404-2.02 (C) pg. 299
6.		Is the existing surface dry and surface temperature is at least 85ºF; ambient temperature at start of application is at least 65ºF and rising. Application of bituminous material is stopped if the air temperature is 70ºF or less and falling?	2021 Standard Specifications 404-3.01 pg. 300
7.		Have all distributor trucks been tested for transverse spread rate within 12 months?	2021 Standard Specifications 404-3.02 (A) pg. 302
8.		Is the ADOT Bituminous Distribution Truck Certification sticker inside the driver's side door of the truck?	2021 Standard Specifications 404-3.02 (A) pg. 302

9.		Is the Certificate of Test (Arizona Test Method 411) in the distributor truck cab?	2021 Standard Specifications 404-3.02 (A) pg. 302
10.		Does the distributor truck have a working 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?	2021 Standard Specifications 404-3.02 (A) pg. 302
11.		Do the chip seal placement dates comply with the dates specified in the Standard Specifications?	2021 Standard Specifications 404-7.01 pg. 308
12.		Is the surface uniformly smooth, firm, reasonably true to grades and cross sections, when a bituminous treatment is to be applied to an existing aggregate surface?	2021 Standard Specifications 404-3.04 pg. 303
13.		Have all holes, depressions or irregularities been repaired?	2021 Standard Specifications 404-3.04 pg. 303
14.		Has all loose and unsuitable material been removed and replaced by suitable material and compacted to produce a dense surface conforming to the adjacent area?	2021 Standard Specifications 404-3.04 pg. 303
15.		**When required**, has the existing aggregate surface on which the bituminous treatment is to be placed been lightly bladed, watered and compacted immediately prior to the application of bituminous material?	2021 Standard Specifications 404-3.04 pg. 303
16.		Is the application rate of the bituminous material used for chip seal coats determined by the contractor and are in accordance with the requirements of the Standard Specifications?	2021 Standard Specifications 404-3.05 pg. 304
17.		Is the application temperature of the bituminous material between the temperature permitted in table in the Standard Specifications 1005-6?	2021 Standard Specifications Table 1005-6 pg. 1149
18.		Is the bituminous material uniformly applied to the prepared surface at the specified rate?	2021 Standard Specifications 404-3.05 pg. 304
19.		Have any areas that were missed, areas with nonuniform spread or penetration been remedied by reapplication?	2021 Standard Specifications 404-3.05 pg. 304
20.		Has care been 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?	2021 Standard Specifications 404-3.05 pg. 304
21.		Was the application of the bituminous material started and stopped at the beginning and ending of two applications in a manner that will not result in overlaps or gaps?	2021 Standard Specifications 404-3.05 pg. 304
22.		Are the transverse joints constructed as approved by the Engineer?	2021 Standard Specifications 404-3.07 pg. 305

23.		Are the transverse joints with the preceding work made by placing building paper over the end of the previous application and starting the joining application on the building paper?	2021 Standard Specifications 404-3.07 pg. 305
24.		Are the longitudinal joints overlapped between 2 to 6 inches?	2021 Standard Specifications 404-3.07 pg. 304
25.		As deemed necessary by the Engineer, are the joints cleaned prior to the application of bituminous material in the adjacent strip?	2021 Standard Specifications 404-3.07 pg. 306
26.		Unless foam filled, are the tires inflated per the manufacturer's specifications and maintained so that the air pressure will not vary more than 5 pounds per square inch?	2021 Standard Specifications 404-3.02 (C) pg. 302
27.		Is the spreader a self-propelled, computerized rate-controlled unit capable of an application width of 14 feet or greater?	2021 Standard Specifications 404-3.02 (D) pg. 303
28.		Is the spreader calibrated and in good mechanical condition capable of applying aggregate uniformly across the spread width?	2021 Standard Specifications 404-3.02 (D) pg. 303
29.		When emulsified asphalt is used, is the cover material at a saturated surface-dry condition at the time of spreading?	2021 Standard Specifications 404-7.03 pg. 310.
30.		Is the cover material promptly rolled with self-propelled pneumatic-tired compactors?	2021 Standard Specifications 404-7.04 pg. 310
31.		Is the cover material application rate met in accordance with Arizona Test Method 819?	2021 Standard Specifications 404-7.01 pg. 308
32.		Are a sufficient number of compactors provided in order to cover the width of the material spread in one pass?	2021 Standard Specifications 404-7.04 pg. 310
33.		Is the rolling continued until a minimum of three passes has been completed?	2021 Standard Specifications 404-7.04 pg. 310
34.		For chip seals with a **hot applied binder coat**, is the third pass completed within 15 minutes after the initial rolling commences?	2021 Standard Specifications 404-7.04 pg. 310
35.		Is the contractor's hauling equipment kept at speeds of not more than 15 mph during the traffic free period of three hours?	2021 Standard Specifications 404-7.05 pg. 310
36.		After the traffic free period, but prior to removing the surplus material, is all traffic kept at speeds of not more than 25 mph?	2021 Standard Specifications 404-7.05 pg. 310
37.		Was all loose cover material removed from the paved surface by brooming at least 2 hours after placement and within 36 hours after application?	2021 Standard Specifications 404-7.06 pg. 310
38.		Was a power broom used that is in good working condition and of a design suitable for the work?	2021 Standard Specifications 404-7.06 pg. 310
39.		For chip seals with a **hot applied binder coat**, was the removal of loose cover material started approximately 30 minutes after the final rolling is completed?	2021 Standard Specifications 404-7.06 pg. 310

40.		Has the contractor erected and maintained approved barricades, signs and other traffic control devices to ensure the bituminous treated surface is not prematurely damaged or marred by traffic?	2021 Standard Specifications 404-3.03 pg. 303
41.		Quantlist Minimum Frequency is being followed one per week.	Construction Bulletin 07-01