

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

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

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

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

Division IV:           Surface Treatments and Pavements  
 Title:                    Asphaltic Concrete (Asphalt Rubber) 413

Lot Number:	Route Name:
Lane Number:	Lift Number:

Attribute Numbers	Yes, No N/A	Narrative	Reference
0.		All stakeholders have participated in the pre-activity meeting .	Construction Manual Chapter 4: Asphaltic Concrete pg. AC-4
1.		The required inspection and testing standards are available to technicians.	Construction Manual 105.11
2.		Contractor has a nuclear asphalt gauge at the plant site to determine (a minimum of four times per full shift) the asphalt rubber content.	2021 Standard Specifications 413-6.03 (B) pg. 397
3.		The contractor's technicians performing the testing, including the calibration of the nuclear gauge, will meet the technician requirements given in the Department's System for the Evaluation of Testing Laboratories.	2021 Standard Specifications 413-6.03 (B) pg. 397
4.		The temperature of asphaltic concrete or mineral aggregate upon discharge from the dryer will not exceed 350 degrees F.	2021 Standard Specifications 413-7.03 pg. 399
5.		Surface to be paved is cleaned of objectionable material.	2021 Standard Specifications 413-7.04 (A) pg. 399
6.		Surface temperature is at least 65 degrees F before paving.	2021 Standard Specifications 413-7.04 (A) pg. 399
7.		Ambient temperature before paving is at least 65 degrees F and rising. Placement is stopped when the ambient temperature is 70 degrees F or less and falling.	2021 Standard Specifications 413-7.04 (A) pg. 399
8.		The existing asphaltic concrete surface is milled to the proper trench depth of plus or minus 0.01 feet.	2021 Standard Specifications 202-3.03 (C) pg. 179
9.		No vertical drop-off greater than [2 in.] should occur between adjacent lanes. There will never be an unprotected edge drop of two or more inches.	2011 4th Edition AASHTO Roadside Design Guide 9.5.2
10.		Cold construction joints are trimmed to a vertical face to the full depth of the lift.	2021 Standard Specifications 413-7.05 pg. 402
11.		The pavers control system is capable of working with the following devices which will be furnished with the machine: Ski type device at least 30 feet in length, Short ski, 500 feet of control line and stakes, Joint matcher shoe.	2021 Standard Specifications 413-7.04 (D) pg. 401
12.		Electronic controls on the paving machine are operating properly.	2021 Standard Specifications 413-7.04

			(D) pg.401
13.		Longitudinal joints are located within one foot of the centerline between two adjacent lanes and are staggered a minimum of one foot from the longitudinal joint of the immediate underlying course.	2021 Standard Specifications 413-7.05 pg. 401
14.		Joints are formed by a slope shoe or hot lapped and compacted while the mixture is still hot.	2021 Standard Specifications 413-7.05 pg. 402
15.		The temperature of the asphaltic concrete just prior to compaction will be at least 275 degrees F.	2021 Standard Specifications 413-7.06 (A) pg. 402
16.		There is no aggregate segregation.	2021 Standard Specifications 413-7.04 (A)
17.		Asphalt concrete temperatures behind the laydown machine are documented in the daily diary.	Construction Manual 105.11
18.		For courses greater than one inch, a minimum of one static steel-wheel compactor and two vibratory steel-wheel compactors each weighing a minimum of 8.0 tons will be provided.	2021 Standard Specifications 413-7.06 (B), pg.402
19.		For courses of one inch or less, a minimum of three static steel-wheel compactors each weighing a minimum of 8.0 tons will be provided.	2021 Standard Specifications 413-7.06 (B), pg.402
20.		For courses greater than one inch, sufficient vibratory steel-wheel compactors are to be provided so that the drums of the compactors when staggered will cover the entire width of the paving machine.	2021 Standard Specifications 413-7.06 (B), pg.402
21.		For courses of one inch or less, sufficient compactors must be provided so that the drums of the compactors when staggered will cover the entire width of the paving machine on the initial forward pass while a static compactor remains to complete final rolling.	2021 Standard Specifications 413-7.06 (B), pg.402
22.		If the asphaltic concrete production rate exceeds 250 tons per hour, an additional static steel-wheel compactor will be provided.	2021 Standard Specifications 413-7.06 (B), pg.402
23.		Initial breakdown rollers will be maintained no more than 300 feet behind the paving machine.	2021 Standard Specifications 413-7.06 (C), pg.403
24.		For courses greater than one inch, vibratory compactors will be used for initial breakdown.	2021 Standard Specifications 413-7.06 (C), pg.403
25.		For courses one inch or less, static steel wheel compactors, or vibratory compactors in the static mode, will be used for initial breakdown.	2021 Standard Specifications 413-7.06 (C), pg.403
26.		The roller(s) used for final compaction will follow as closely behind the initial breakdown rollers as practically possible, as to achieve an uniformly smooth surface.	2021 Standard Specifications 413-7.06 (C), pg.403
27.		As many passes as possible are made with the rollers before the temperature of the rubberized asphaltic concrete falls below 220 degrees F.	2021 Standard Specifications 413-7.06 (C) pg.403
28.		All edges are compacted by methods approved by the Engineer while the mixture is still hot.	2021 Standard Specifications 413-7.06 (C), pg.403
29.		Rolling pattern and number of coverages are documented in the daily diary.	Construction Manual 105.11

30.		The wheels of compactors will be wetted with water, or if necessary soapy water, or a product approved by the Engineer to prevent the asphaltic concrete from sticking to the steel wheels during rolling.	2021 Standard Specifications 413-7.06 (A), pg.402
31.		For final rolling, vibratory rollers will be used in the mode required by the Engineer. However for courses of one inch or less, vibratory compactors will not be used in the vibratory mode.	2021 Standard Specifications 413-7.06 (B), pg.403
32.		The surface of the final lift is within 1/8 inch when tested with a 10' straightedge placed in the longitudinal direction (including across transverse joints), and when it is placed in the transverse direction across longitudinal joints.	2021 Standard Specifications 413-7.08, par.(A), pg.403
33.		The surface of any lift other than the final lift, is within 1/4 inch when tested with a 10' straightedge placed in the longitudinal direction (including across transverse joints), and when it is placed in the transverse direction across longitudinal joints.	2021 Standard Specifications 413-7.08, par.(B), pg.403
34.		Quantlist Minimum Frequency is being followed, one per week.	Construction Bulletin 07-01