

# Inspector Quantlist Report 20250305

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

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

## Division IV: Surface Treatments and Pavements

### Title: Asphaltic Concrete 415 (Asphalt-Rubber) - End Product

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

Attribute Numbers	Yes No N/A	Narrative	Reference
0.		Has a pre-paving meeting with all key stakeholders been held to review all aspects of the paving operation?	2024 Construction Manual ACGG-89
1.		Is the type of asphalt-rubber as specified in the Special Provisions? The crumb rubber gradation is Type B conforming to the requirements of Section 1009 of the specifications.	2021 Standard Specifications 415-3.04 pg. 425
2.		Has the Engineer required that the work cease or that the work day be reduced in the event that weather conditions either existing or expected, are anticipated to have an adverse effect upon the asphaltic concrete?	2021 Standard Specifications 415-6 pg. 430
3.		Is asphaltic concrete only placed when the temperature of the surface is at least 65 degrees F and the ambient temperature is at least 65 degrees F and rising?	2021 Standard Specifications 415-7.05 pg. 437
4.		Was the placement of asphaltic concrete stopped when the ambient temperature is at or below 70 degrees F and falling?	2021 Standard Specifications 415-7.05 pg. 437
5.		Has the contractor scheduled its paving operations to minimize exposed longitudinal edges?	2021 Standard Specifications 415-6 pg. 430
6.		Has the contractor limited the placement of asphaltic concrete courses, in advance of adjacent courses, to one shift of asphaltic concrete production? (Unless otherwise approved by the Engineer.)	2021 Standard Specifications 415-6 pg. 430

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7.		Is the contractor's QC obtaining samples and performing the tests specified per the table in section 415-5?	2021 Standard Specifications 415-5 pg. 429
8.		Is the contractor controlling the material spread rate and thickness?	2021 Standard Specifications 415-6 pg. 430
9.		Has the contractor recorded information pertaining to each spread lot on forms provided by the Engineer, completed spread lot forms are signed by the contractor and given to the Engineer at the end of each shift? (A spread lot is considered to be one-half shift of production)	2021 Standard Specifications 415-7.03 pg. 434
10.		Has the Engineer calculated the quantity required in each spread lot using the mix design bulk density? (unless a request is made by the contractor to use a production bulk density the mix design bulk density will be used)	2021 Standard Specifications 415-7.03 pg. 434
11.		Are all courses of asphaltic concrete placed and finished by means of self-propelled paving machines except under certain conditions or at certain locations where the Engineer deems the use of self-propelled paving machines impractical?	2021 Standard Specifications 415-6 pg. 430
12.		Are self-propelled paving machines spreading the mixture within the specified tolerances, without segregation or tearing, true to the line, grade, and crown indicated on the project plans?	2021 Standard Specifications 415-6 pg. 430
13.		Are pavers equipped with hoppers and augers which will distribute the mixture uniformly in front of adjustable screeds?	2021 Standard Specifications 415-6 pg. 430
14.		Are pavers equipped with a screed for the full width being paved, heated if necessary, and capable of spreading and finishing all courses of asphaltic concrete?	2021 Standard Specifications 415-6 pg. 430
15.		Are pavers equipped with automatic screed controls with sensors for either or both sides of the paver, capable of sensing grade from an outside reference line, sensing the transverse slope of the screed, and providing the automatic signals which operate the screed to maintain the desired grade and transverse slope?	2021 Standard Specifications 415-6 pg. 430
16.		Does suspension of the asphaltic concrete placement occur when there is a failure of the pavers control system?	2021 Standard Specifications 415-6 pg. 430
17.		Is the base or subgrade upon which asphaltic concrete is to be placed prepared and maintained in a firm condition, until asphaltic concrete is placed? (It is not frozen or excessively wet.)	2021 Standard Specifications 415-6 pg. 430
18.		If lime water is required: Is the lime water(a minimum of 50 lbs of lime per 2,000 gallons of water) applied in a manner that uniformly covers the entire surface of the paving pass?	2021 Standard Specifications 415-6 pg. 430

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19.		Are all wheels and tires of compactors wetted with water, soapy water, or a release agent in order to prevent the sticking of asphaltic concrete?	2021 Standard Specifications 415-6 pg. 430
20.		Are all other equipment surfaces treated when necessary with a release agent? (Only release agents evaluated through NTPEP are acceptable for use.)	2021 Standard Specifications 415-6 pg. 430
21.		Any release agents which degrade, dissolve, or in any way damage the bituminous material not being used? (Diesel fuel is not to be used as a release agent.)	2021 Standard Specifications 415-6 pg. 430
22.		Are longitudinal joints of each course staggered a minimum of 1 foot with relation to the longitudinal joint of any immediate underlying course?	2021 Standard Specifications 415-6 pg. 430
23.		Is the contractor placing any longitudinal joints approximately 1 foot away from the travel lane side of the rumble strip when surface courses are placed on a 10 foot or wider shoulder which is to receive rumble strips?	2021 Standard Specifications 415-6 pg. 430
24.		Are longitudinal joints located within 1 foot of the center of a lane or within 1 foot of the centerline between two adjacent lanes?	2021 Standard Specifications 415-6 pg. 430
25.		Are joints formed by a slope shoe or hot-lapped to result in an even and uniform surface?	2021 Standard Specifications 415-6 pg. 430
26.		Are cold transverse construction joints trimmed to a vertical face by cutting the existing asphaltic concrete to its full depth to expose a fresh face before a new course is placed in contact with a cold joint?	2021 Standard Specifications 415-6 pg. 430
27.		Are both sides of the joint dense and well-sealed after placement and finishing of the new asphaltic concrete?	2021 Standard Specifications 415-6 pg. 430
28.		Does the surface in the area of the joint conform to the requirements hereinafter specified for surface tolerances when tested with the straightedge placed across the joint?	2021 Standard Specifications 415-6 pg. 430
29.		Are locations where plate samples are taken from the roadway immediately repaired by the contractor utilizing hot asphaltic concrete?	2021 Standard Specifications 415-6 pg. 430
30.		Is the handling of asphaltic concrete at all times such as to minimize segregation? (Any asphaltic concrete which displays segregation is removed and replaced)	2021 Standard Specifications 415-6 pg. 430
31.		Before asphaltic concrete is placed, is the surface to be paved, cleaned of all objectionable material and tacked with bituminous material?	2021 Standard Specifications 415-6 pg. 430
32.		Is the type of bituminous material and amount used, as directed by and acceptable to the Engineer?	2021 Standard Specifications 415-6 pg. 430

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33.		Is a light coat of bituminous material applied to edges or vertical surfaces against which asphaltic concrete is to be placed?	2021 Standard Specifications 415-6 pg. 430
34.		Is the asphaltic concrete delivered to the screed unit free flowing and a homogeneous mass in which there is no segregation, crusts, lumps, or migration of the asphalt-rubber?	2021 Standard Specifications 415-6 pg. 430
35.		Are the number and types of rollers sufficient to meet the specifications? (Compaction control is the responsibility of the contractor)	2021 Standard Specifications 415-7.05 pg. 437
36.		Are all edges rolled by methods approved by the Engineer, while the mixture is still hot?	2021 Standard Specifications 415-7.05 pg. 437
37.		Have twenty cores been taken for each lot by the contractor, under the observation of the Engineer? (two cores per 10 random locations designated within the lot)	2021 Standard Specifications 415-7.05 pg. 437
38.		Are core holes repaired within 48 hours after coring using material approved by the Engineer and in a dry condition prior to repair? (The patching material is thoroughly compacted in the holes by the contractor)	2021 Standard Specifications 415-6 pg. 430
39.		Is an application of blotter material required following the placement of the asphaltic concrete and prior to opening the roadway to traffic? (The Engineer may reduce or eliminate blotter material if deemed to be unnecessary)	2021 Standard Specifications 415-3.05 pg. 425
40.		Does the blotter material conform to the requirements of Section 404 of the specifications?	2021 Standard Specifications 415-3.05 pg. 425
41.		Is the blotter material applied in one or more applications for a total application of 2 pounds per square yard?	2021 Standard Specifications 415-3.05 pg. 425
42.		Quantlist Minimum Frequency is being followed, one per week.	Construction Bulletin 07-01