

Inspector Quantlist Report 20250305

Diary Number: _____ Inspector Name: _____

TRACS Number: _____ Date: _____

Division IV: Surface Treatments and Pavements

Title: Asphaltic Concrete 409 (Miscellaneous Structural)

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.		Does the mineral aggregate conform to the requirements stated in the specifications when tested in accordance with the applicable test methods?	2021 Standard Specifications 409-2.01 pg. 366
2.		Is the asphalt cement performance grade (PG) asphalt binder conforming to the requirements of Section 1005 of the specifications?	2021 Standard Specifications 409-2.02 pg. 367
3.		Is the type of asphalt binder the same as shown in the special provisions?	2021 Standard Specifications 409-2.02 pg. 367
4.		Is the mineral admixture portland cement, blended hydraulic cement, or hydrated lime conforming to the requirements of the specifications?	2021 Standard Specifications 409-2.03 pg. 369
5.		Is the contractor performing sufficient testing to assure that mineral aggregate and asphaltic concrete produced, meet all specified requirements?	2021 Standard Specifications 409-2.05 pg. 371
6.		Are all courses of asphaltic concrete compacted as required, smooth and true to the required lines, grades, and dimensions?	2021 Standard Specifications 409-3.01 pg. 371
7.		Does the surface of the final lift when tested, not vary by more than 1/8 inch from the lower edge of a 10-foot straightedge when placed in the longitudinal direction across transverse joints, and when placed in the transverse direction across longitudinal joints?	2021 Standard Specifications 409-3.01 pg. 371

Inspector Quantlist Report 20250305

8.		Does the surface of any lift other than the final lift when tested, not vary by more than 1/4 inch from the lower edge of a 10-foot straightedge when placed in the longitudinal direction across transverse joints, and when placed in the transverse direction across longitudinal joints?	2021 Standard Specifications 409-3.01 pg. 371
9.		Are any deviations exceeding the specified tolerances corrected by the contractor, to the satisfaction of the Engineer?	2021 Standard Specifications 409-3.01 pg. 371
10.		Was the asphaltic concrete placed only when the temperature of the surface is at least 65 degrees F?	2021 Standard Specifications 409-3.01 pg. 371
11.		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 409-3.01 pg. 371
12.		Were 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 409-3.01 pg. 371
13.		Are equipment surfaces treated, when necessary, with a release agent? (Only release agents evaluated through NTPEP are acceptable for use.)	2021 Standard Specifications 409-3.01 pg. 371
14.		Any release agents which degrade, dissolve, or in any way damage the bituminous material are not used? (Diesel fuel is not to be used as a release agent.)	2021 Standard Specifications 409-3.01 pg. 371
15.		Is the asphaltic concrete immediately behind the laydown machine thoroughly mixed, free-flowing, in a workable condition, free of lumps and crusts?	2021 Standard Specifications 409-3.01 pg. 371
16.		Does the asphaltic concrete immediately behind the laydown machine have a minimum temperature of 275 degrees F?	2021 Standard Specifications 409-3.01 pg. 371
17.		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 409-3.01 pg. 371
18.		Is the speed of the paving machine coordinated with the production of the plant?	2021 Standard Specifications 409-3.01 pg. 371
19.		Are there an adequate number of trucks for hauling asphaltic concrete available in order to achieve a continuous operation?	2021 Standard Specifications 409-3.01 pg. 371
20.		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 409-3.01 pg. 371

Inspector Quantlist Report 20250305

21.		Are pavers equipped with hoppers and augers which will distribute the mixture uniformly in front of adjustable screeds?	2021 Standard Specifications 409-3.01 pg. 371
22.		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 409-3.01 pg. 371
23.		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 409-3.01 pg. 371
24.		Does suspension of the asphaltic concrete placement occur when there is a failure of the pavers control system?	2021 Standard Specifications 409-3.01 pg. 371
25.		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 409-3.01 pg. 371
26.		Before asphaltic concrete is placed, is the surface to be paved, cleaned of all objectionable material and tacked with bituminous material?	2021 Standard Specifications 409-3.01 pg. 371
27.		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 409-3.01 pg. 371
28.		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 409-3.01 pg. 371
29.		Has the contractor scheduled its paving operations to minimize exposed longitudinal edges?	2021 Standard Specifications 409-3.01 pg. 371
30.		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 409-3.01 pg. 371
31.		Has the contractor scheduled its paving operations in such a manner to eliminate exposed longitudinal edges over weekends or holidays?	2021 Standard Specifications 409-3.01 pg. 371
32.		Is the rolling sequence, the type of compactor, and the number of coverages as required in the table shown in the standard specifications?	2021 Standard Specifications 409-3.02 pg. 374
33.		Has the option for compaction been selected by the Engineer?	2021 Standard Specifications 409-3.02 pg. 374

Inspector Quantlist Report 20250305

34.		Has the Engineer designated the tire pressure when pneumatic-tired compactors are used?	2021 Standard Specifications 409-3.02 pg. 374
35.		When courses of asphaltic concrete are 1 inch or less in nominal thickness, steel wheel compactors are not used in the vibratory mode?	2021 Standard Specifications 409-3.02 pg. 374
36.		When the temperature of the asphaltic concrete has fallen below 180 Degrees F, steel wheel compactors are not used in the vibratory mode?	2021 Standard Specifications 409-3.02 pg. 374
37.		Do steel wheel compactors weigh no less than 8 tons?	2021 Standard Specifications 409-3.02 pg. 374
38.		Are the initial and intermediate compactions completed before the temperature of the asphaltic concrete falls below 200 degrees F?	2021 Standard Specifications 409-3.02 pg. 374
39.		Have all edges been rolled with a pneumatic tired compactor, or other methods approved by the Engineer, while the mixture is still hot?	2021 Standard Specifications 409-3.02 pg. 374
40.		Does the asphaltic concrete conform to the requirements in the specifications and in the judgment of the Engineer?	2021 Standard Specifications 409-3.02 pg. 374
41.	r	Has any asphaltic concrete been rejected and been replaced to the satisfaction of the Engineer at no expense to the Department?	2021 Standard Specifications 409-3.02 pg. 374
42.		Are Quantlist Minimum Frequencies being followed, one per week?	Construction Bulletin 07-01