

## Inspector Quantlist Report 20240806

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

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

### Division IV: Surface Treatments and Pavements

#### Title: Asphalt Rubber Blending and Hot Mix Plant (415)

Blending Plant Name:	Hot Mix Plant Name:
Plant Location:	Mix Type: 415

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?	Construction Manual Chapter 4: Asphaltic Concrete pg. AC-4
1.		Did the contractor submit a mix design that meets the criteria in Table 415-1?	2021 Standard Specifications 415-2 pg. 422
2.		Has the contractor provided a source of mineral aggregate?	2021 Standard Specifications 415-3.01 pg. 422 1001-1 pg. 1115
3.		Was the Engineer given the minimum 48 hours in advance, by the contractor, before any crushing operations have started (to check equipment)?	2021 Standard Specifications 415-3.02 pg. 423
4.		Are mineral aggregates separated into stockpiles by the contractor?	2021 Standard Specifications 415-3.02 pg. 423
5.		Is the aggregate free of foreign materials, clay balls, and adhering films or other materials that prevent thorough coating of the aggregate with the bituminous material?	2021 Standard Specifications 415-3.02 pg. 423
6.		Has the contractor sampled and provided at least 300 Lbs. of proportioned mineral aggregate, 3 Gal. of Crumb Rubber Asphalt (CRA), and 1 Gal. of mineral admixture for preparation of the mix design by the Central Materials Lab? (witnessed by the Engineer)	2021 Standard Specifications 415-4 pg. 427

7.		Is the mineral aggregate for Asphalt Concrete (AR-AC) being sampled and tested per the most current Appendix C Sampling Guide Schedule?	2023 Appendix C Sampling Guide Schedule pg. 14
8.		Does the mineral aggregate conform to the requirements in Table 415-2?	2021 Standard Specifications 415-3.02 pg. 423
9.		Is the Mineral admixture 1.0 percent, by weight of the mineral aggregate?	2021 Standard Specifications 415-3.03 pg. 424
10.		Has the Portland cement, blended hydraulic cement (Type IP), and hydrated lime been accepted per Policy and Procedure Directive No.13a?	2021 Standard Specifications 415-3.03 pg. 424 Materials PPD No.13a
11.		Has the asphalt rubber or Crumb Rubber Asphalt (CRA) blend design been prepared by an approved laboratory and does the proposed blend conform to the specifications set in tables 1009-1 and 1009-2?	2021 Standard Specifications 415-3.04 pg. 425 1009-2 pp. 1203-1206
12.		Is the asphalt-rubber type the same as shown in the Special Provisions?	2021 Standard Specifications 415-3.04 pg. 425
13.		Has the mix design been prepared by an approved mix design engineer from an ADOT-approved laboratory and has the design been reviewed and approved by the Regional Materials Engineer?	2021 Standard Specifications 2021 415-4 pg. 425
14.		Has the asphalt-rubber been diluted with extender oil, kerosene, or other solvents? Any asphalt-rubber so contaminated will be rejected.	2021 Standard Specifications 415-3.04 pg. 425
15.		Has any kerosene or other solvents used in the cleaning of equipment been purged from the system prior to any subsequent use of that equipment?	2021 Standard Specifications 415-3.04 pg. 425
16.		Is the contractor's Quality Control obtaining samples and performing the tests specified in the table within section 415-5 of the Standard Specifications?	2021 Standard Specifications 415-5 pg. 429
17.		Does the asphaltic concrete hot plant conform to the requirements of Section 403 of the Standard Specifications?	2021 Standard Specifications 415-6 pg. 431
18.		Is the discharged asphaltic concrete or mineral aggregate below 350 degrees F?	2021 Standard Specifications 415-6 pg. 431

19.		Are samples of mineral aggregate for the determination of the sand equivalent, fractured coarse aggregate particles, and uncompacted void content being obtained by the Engineer during asphaltic concrete production?	2021 Standard Specifications 415-7.02 pg. 434
20.		Are samples from the cold feed belt taken prior to the addition of mineral admixture, or from the stockpiles when sampling from the cold feed belt is not possible?	2021 Standard Specifications 415-7.02 pg. 434
21.		Does the mineral aggregate meet the minimum requirements specified in table 415-2 during the production of the asphaltic concrete?	2021 Standard Specifications 415-7.02 pg. 434
22.		For each lot, has the contractor taken four samples of asphalt concrete? Samples shall be at random locations designated and witnessed by the Engineer.	2021 Standard Specifications 415-7.04 pg. 435
23.		Is the sampled material tested by the Engineer for the following properties listed in the specifications: Asphalt-Rubber Content, Gradation, Marshall Density, Maximum Theoretical Density and Effective Void?"	2021 Standard Specifications 2021 415-7.04 pg. 435
24.		Is the Quantlist Minimum Frequency being followed, one per week?	Construction Bulletin 07-01