Diary Number: _____ Inspector Name: _____

TRACS Number: _____ Date: _____

Division IV: Surface Treatments and Pavements
Title: Asphalt Drum or Batch Plant

Plant Name
Plant Number
Plant Location
Mix Design Number
Mixes: 406, 407, 409
Mixes: 411, 416, 417

Attribute Numbers	Compliance	Narratives	References
0.		A pre-paving meeting with all key stakeholders was held to review all aspects of the paving operation (can be combined with other pre-activity).	Construction Manual 405-3.07
1.		Mix design (with information per Section 416-4) was approved by ADOT's District Regional Materials Engineer or ADOT's Central Lab/Materials Engineer. The approved mix design is in the project files, hot plant control room, and with ADOT inspectors.	Standard Specifications 403 Standard Specifications 416 Standard Specifications 417
2.		Changes to mix design are documented by the contractor and approved by ADOT. The re-approved mix design is in the project files, hot plant control room, and with ADOT inspectors.	Standard Specifications 403 Standard Specifications 416 Standard Specifications 417
3.		Mix design aggregate bin percentages, asphalt cement content, mineral admixture % and moisture content are verified daily with hot plant's computer. Percentages correlated with mix design and are documented in daily diaries.	Construction Manual 105.11 Standard Specifications 403 Standard Specifications 416 Standard Specifications 417
4.		The certificate of compliance is submitted for the asphalt cement (performance grade PG) in the hot plant report with all required information.	Standard Specifications 106.06 Standard Specifications 1005-1

5.		All required samples are obtained. Sampling is performed correctly and sample containers are the correct size and type, and are documented in daily diary.	Construction Manual 105.11 Materials Testing Manual Appendix C Series 900 (Table 2 and Table 3)
6.		ADOT inspector is monitoring the hot plant and witnessing sampling performed by the Contractor.	Construction Manual 105.11 Standard Specifications 403 Standard Specifications 416 Standard Specifications 417
7.		The required inspection and testing standards are available to technicians.	Construction Manual 405-3.07 Placing and Finishing (A) Standard Specifications 403 Standard Specifications 416 Standard Specifications 417
8.		Adequate and safe stairways (if applicable) are provided to permit easy and safe access to obtain the material samples.	AASHTO M 156 OSHA 1926-1052 Standard Specifications 403-2
9.		SECTION 407 ONLY: Before beginning production, the cold feed is calibrated.	Standard Specifications 407-6.03
10.		If mineral admixture was used, the project verified it was on the Approved Materials Source List. Mineral admixture is Portland Cement I or II, Blended Hydraulic Cement Type IP, or Hydrated Lime. The date of verification was recorded in the daily diary.	Construction Manual 105.11 Materials Practice and Procedure Directives 13a 2.5
11.		The plant belt scales and meters have been calibrated (sticker / certification verified) and documented in the daily diary or documentation is in the project files.	Construction Manual 105.11 Standard Specifications 109.1
12.		The platform truck scales and/or silo load cells are certified every 365 days, or after being moved to a new location. Platform truck and/or silo load cells dates are documented in the daily diary or documentation is in the project files.	Construction Manual 105.11 Standard Specifications 109.1
13.		FOR BATCH PLANT ONLY: If the pug-mill is not enclosed, a dust hood is provided.	AASHTO M 156 Standard Specifications 403-2
14.		The mineral admixture is added and thoroughly mixed prior to the mixture entering the drum dryer.	Special Provisions 403-2 Standard Provisions 403-2
15.		Except for 407 and 411 mixes: Moisture content of the combined mineral aggregate is a minimum of 3% by weight of the aggregate during mixing.	Standard Specifications 403-2
16.		For 407 and 411 mixes: Aggregate is wet with free moisture on surface just prior to mixing. The Engineer may require a moisture content up to 1½ percent above the combined water absorption. Documented in the daily hot plant report.	Special Provisions 403-2

17.		The mineral admixture positive signal system is operating properly (mixing automatically stops if mineral admixture is not introduced into the mixture).	Standard Specifications 403-2
18.		Dry storage is provided for the mineral admixture.	AASHTO M 156 - 4.3 Standard Specifications 403-2
19.		An automatic plant shutoff is provided when any aggregate bin becomes empty.	AASHTO M 156 - 6.2.3 Standard Specifications 403-2
20.		The pyrometer reading is verified with a calibrated temperature gun to assure its accuracy and a copy of the readings is submitted to the Engineer in the daily hot plant report.	Standard Specifications 403-2
21.		The temperature of the asphalt or mineral aggregate upon discharge from dryer shall not exceed 275 F for 407 mix (325 F if TR+ is used), 350 F for 414 mix, nor 325 F for 409, 416, or 417 mix.	Standard Specifications 416 Standard Specifications 417
22.		Stock piles are managed effectively to prevent contamination and segregation (should be checked during production).	Standard Specifications 416 Standard Specifications 417
23.		Each bin has an overflow chute or a divider to prevent material from spilling into adjacent bins. Materials do not intermix with adjacent bins.	Standard Specifications 403-2
24.		If a plant uses platform scales, the haul trucks are weighed empty at least once daily.	Standard Specifications 109.01
25.		Aggregate has a uniform coating of asphalt cement or asphalt rubber.	Standard Specifications 416 Standard Specifications 417
26.		Quantlist Minimum Frequency is being followed, 1 per week.	Construction Bulletin 07-01