

Inspector Quantlist Report 20170913

Diary Number: _____

Inspector Name: _____

TRACS Number: _____

Date: _____

Division IV: Surface Treatments and Pavements

Title: PCCP (Pre-Paving Quality Assurance)

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|---------------------|
| Plant Location |
| Plant Number |
| Slip Form Operation |
| Mix Design |
| Fix Form Operation |
| Wireless Operation |

| Attribute Numbers | Compliance | Narratives | References |
|-------------------|------------|--|--|
| 0. | | All stakeholders have participated in the pre-activity meeting (can be combined with other pre-activity). | Construction Manual 108.04 |
| 1. | | All class P mix designs have been submitted and reviewed by the Resident Engineer and approved by the Regional Materials Engineer. | Materials Practice and Procedure Directives 13a |
| 2. | | Current aggregate test results for concrete from ADOT Area Labs are on file. | Standard Specifications 106.04 (A) |
| 3. | | Current aggregate test results for concrete by the Contractor's Quality Control are included in the weekly quality control reports. | Standard Specifications 106.04 (C)(6) |
| 4. | | Certificates of compliance conforming to the requirements of Sub-Section 106.05 are on file for each type of admixture being used in the PCCP mix. | Materials Policy and Procedure Directive 2 Standard Specifications 106.05 |
| 5. | | For "Wireless paving": The Contractor has submitted the type of vertical and horizontal control (any combination of Global Positioning System (GPS), total stations, and/or laser), and the proposed equipment and daily calibration plan with the paving plan submittal for the "Wireless Paver" (3-D Machine Control PCC Paver). | Special Provisions 401-3.01 |

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| 6. | | For "Wireless paving": At least 10 days prior to paving, the Contractor has provided the Engineer with eight hours of formal training on the equipment proposed by the Contractor to be utilized for 3 D Machine Control PCC paving. | Special Provisions 401-3.01 |
| 7. | | For "Wireless paving": The Contractor has provided electronic data from the 3 D slope model in a format acceptable to the Engineer for approval 10 days prior to paving. | Special Provisions 401-3.01 |
| 8. | | The Certificates of Compliance to which state that steel or iron products incorporated into the project meet the Buy America Act requirements', certifying that all manufacturing processes producing a steel or iron product, including any application of a coating to iron or steel, occurred in the United States. | 23 CFR Part 635.410 Standard Specifications 106.05 Standard Specifications 106.15 |
| 9. | | Certificates of compliance conforming to the requirements of Sub-Section 106.05 are on file for liquid-membrane forming (curing) compound, whether pre-approved with a green sticker or not. | Materials Practice and Procedure Directives 3a |
| 10. | | Project personnel have contacted the appropriate lab (Central or Regional) to verify and document information for pre-approved containers of liquid-membrane forming (curing) compound. | Materials Practice and Procedure Directives 3a |
| 11. | | The liquid-membrane forming (curing) compound supplied conforms to the requirements of AASHTO M 148, Type 2 compound with either a Class A or Class B vehicle. | Standard Specifications 1006-2.05 |
| 12. | | The liquid-membrane forming (curing) compound container is equipped with a calibrated sight glass; or another method has been approved by the Engineer, for verification of the quantities used. | Standard Specifications 401-3.04 (G) |
| 13. | | A detailed sequence and schedule of concrete placement operations (paving operations) has been submitted and approved prior to the start of work. [At least 10 days prior to paving.] | Standard Specifications 401-3.01 |
| 14. | | Safety Plan has been submitted and safety meetings are being conducted and safe jobsite conditions are maintained. | Standard Specifications 107.08 |
| 15. | | Survey plan was submitted with the staking plan to include offset points. | Construction Manual 401-1.10 Standard Specifications 401-3.03 (A) Standard Specifications 925-3.01 |
| 16. | | Staging plan is submitted showing how the paving will be accomplished while maintaining traffic through the project. | Construction Manual 401-1 (6) |
| 17. | | Traffic control plan was submitted conforming to subsection 701-1 showing how the work will be safely separated from traffic including ingress and egress points as well as protection of the concrete during curing. | Construction Manual 401-1 (7) |

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| 18. | | Specifications on proposed concrete hauling equipment and the expected haul route was submitted (checked to ensure hauling equipment will not segregate or otherwise adversely affect the mix, consider traffic control requirements (flaggers, signing, etc.), legal load limits, and haul and cycle times). | Construction Manual 401-1 (5) |
| 19. | | Discussion on stockpiling and batching procedures, including storage of aggregate to prevent contamination, how aggregate moisture will be monitored, batching procedures, mixing times, and control of water so that a concrete mix is as consistent as possible while still meeting the specifications. | Construction Manual 401-1 (4) |
| 20. | | Identify who will be the Contractor's representative authorized to make adjustments to the mix and a plan needs to be in place for handling rejected concrete. | Construction Manual 401-1 (4) |
| 21. | | Discussion on how the surface upon which the concrete pavement is to be placed is free of all loose and extraneous material and the surface is uniformly moistened immediately prior to placing concrete. | Standard Specifications 401-3.02 |
| 22. | | Fixed form manual methods are approved by the Engineer for areas inaccessible to mechanical equipment. | Standard Specifications 401-3.04 (D) |
| 23. | | Discussion about except in areas deemed inaccessible by the Engineer, burlap and the tining machines are supported by independent rolling mechanical work bridges. | Standard Specifications 401-3.04 (F) |
| 24. | | Hand tine brooms are provided and available at the jobsite. | Standard Specifications 401-3.04 (F) |
| 25. | | When daytime ambient temperatures are expected to exceed 100 degrees F., concrete is placed only between the hours of 8:00 PM and 8:00 AM. | Standard Specifications 401-3.04 (A) |
| 26. | | Quantlist Minimum Frequency is being followed, Every 6 months. | Construction Bulletin 07-01 |