Diary Number: _____ Inspector Name: _____

TRACS Number: _____ Date: _____

Division IV: Surface Treatments and Pavements
Title: PCCP (Fixed Form Placement and Curing)

Lot Number:	Direction:
Thickness:	Pour Number:
Station:	Location:

Attribute Numbers	Yes No N/A	Narratives	References
0.		All stakeholders have participated in the pre-activity meeting.	Construction Manual 401-1
1.		**ADOT Required Survey:** Has the Engineer placed one stake for elevation control and alignment on each side of the roadway at 50-foot intervals and at grade breaks in accordance with the contractor's staking plan?	2021 Standard Specifications 401-3.03 (A) pg. 257
2.		**Contractor Required Survey:** Did the contractor place one stake for elevation control and alignment on each side of the roadway at 50-foot intervals and at grade breaks in accordance with the contractor's staking plan?	2021 Standard Specifications 401-3.03 (A) pg. 257
3.		**For 3-D Machine Control Paving (wireless):** Did the contractor stake for vertical and horizontal controls on each side of the roadway at 50-foot intervals and at grade breaks?	2021 Standard Specifications 401-3.03 (A) pg. 257
4.		If ambient temperatures will exceed 100 degrees F, was the concrete placed only between the hours of 2000 and 0800?	2021 Standard Specifications 401-3.04 (A) pg. 259
5.		Are fixed-forms made of steel with a base width of at least 4 inches and a depth equal to or greater than the thickness of the pavement?	2021 Standard Specifications 401-3.03 (C) pg. 258
6.		Does each fix-form section have a stake pocket at each end and at intervals of not more than 5 feet and a device for locking the form to the steel stakes?	2021 Standard Specifications 401-3.03 (C) pg. 258
7.		Are the fixed-form sections straight, free of bends and warps, the top of each section does not vary from a true plane by more than 1/8 inch in 10 feet and the inside face of each section does not vary more than 1/4 inch in 10 feet?	2021 Standard Specifications 401-3.03 (C) pg. 258

8.		Are forms thoroughly cleaned and oiled each time they are used?	2021 Standard Specifications 401-3.03 (C) pg. 258
9.		Are all the machines that ride on the finished concrete surfaces equipped with rubber tires?	2021 Standard Specifications 401-3.04 (C) pg. 261
10.		Was the concrete spread uniformly between the forms, immediately after it was placed by the spreading machine?	2021 Standard Specifications 401-3.04 (C) pg. 261
11.		Was the spreader followed by the finishing machine equipped with not less than two oscillating or reciprocating screeds?	2021 Standard Specifications 401-3.04 (C) pg. 261
12.		Was the concrete consolidated by vibrating for the full paving width?	2021 Standard Specifications 401-3.04 (C) pg. 261
13.		The vibrators were NOT allowed to rest on new pavements or side forms or contact any tie bars?	2021 Standard Specifications 401-3.04 (C) pg. 261
14.		Were the machine's vibrators inspected to verify a minimum of 8000 impulses per minute?	2021 Standard Specifications 401-3.04 (C) pg. 261
15.		After the pavement has been struck off and consolidated, was it mechanically floated?	2021 Standard Specifications 401-3.04 (C) pg. 261
16.		Are the areas deemed inaccessible to mechanical equipment approved by the Engineer?	2021 Standard Specifications 401-3.04 (D) pg. 262
17.		When fixed form manual methods are approved, the finished surface conforms to the required lines, grades and finish?	2021 Standard Specifications 401-3.04 (D) pg. 262
18.		Are the pavement edges and joints built in accordance with the details shown on the plans?	2021 Standard Specifications 401-3.04 (E) pg. 263
19.		Is asphaltic concrete to be placed on PCCP prior to opening to traffic? If so, no tining, only a burlap drag is required.	2021 Standard Specifications 401-3.04 (F) pg. 263
20.		When used for fixed form placement the rolling mechanical bridges supporting steel tines come equipped with automatic sensing and control devices which follow a control line?	2021 Standard Specifications 401-3.04 (F) pg. 263
21.		Was the full pavement width within twelve inches of each edge, longitudinally dragged with a AASHTO M 182, Class 3 burlap?	2021 Standard Specifications 401-3.04 (F) pg. 263
22.		Is tining parallel to the centerline of the roadway and extends over the entire roadway width to within three inches of the pavement edge?	2021 Standard Specifications 401-3.04 (F) pg. 263
23.		Were the texture grooves verified for compliance to the specified width 1/8 +/- 1/32 inch?	2021 Standard Specifications 401-3.04 (F) pg. 263
24.		Were the texture grooves verified for compliance to the specified depth per Arizona Test Method 310; 5/32 +/- 2/32 inch?	2021 Standard Specifications 401-3.04 (F) pg. 263

25.		Were the center-to-center spacing of the grooves verified for compliance to the specified spacing of 3/4 ± 1/8 inch?	2021 Standard Specifications 401-3.04 (F) pg. 263
26.		Was the liquid curing compound applied within 15 minutes after surface texturing operation and applied progressively before any drying, shrinkage or craze cracks begin to appear?	2021 Standard Specifications 401-3.04 (G) pg. 264
27.		If surface drying or cracking should occur prior to the application of curing compound, the entire pavement surface is kept damp by fogging. Was water applied indirectly to the surface from an atomized nozzle to provide uniform coverage?	2021 Standard Specifications 401-3.04 (A) pg. 259 2021 Standard Specifications 401-3.04 (G) pg.264
28.		If standing water is on the concrete surface, liquid curing compound was NOT applied?	2021 Standard Specifications 401-3.04 (G) pg. 264
29.		Was the liquid curing compound applied in one or more applications totaling not less than one gallon per 100 square feet?	2021 Standard Specifications 401-3.04 (G) pg. 264
30.		When the ambient temperature is above 85 degrees F, verified by a calibrated thermometer, was the entire surface of the concrete kept damp by fogging with an atomized mist of water?	2021 Standard Specifications 401-3.04 (G) pg. 264
31.		When fogging, was the pavement surface kept damp until initial joint sawing was completed?	2021 Standard Specifications 401-3.04 (G) pg. 264
32.		When the ambient temperature is above 85 degrees F, fogging done after curing compound has been applied is not started until the compound has set sufficiently to prevent displacement?	2021 Standard Specifications 401-3.04 (G) pg. 264
33.		When misting, was the moisture from the nozzle NOT applied under pressure directly upon the concrete?	2021 Standard Specifications 401-3.04 (G) pg. 264
34.		When misting, was the moisture from the nozzle NOT allowed to accumulate on the concrete to cause a flow or wash the surface?	2021 Standard Specifications 401-3.04 (G) pg. 264
35.		When misting is required, was the concrete curing continued for not less than seven days and any damaged curing material was immediately repaired?	2021 Standard Specifications 401-3.04 (G) pg. 264
36.		Was the pavement only opened to traffic seven days after placement, when all joints were sealed and the concrete had attained a compressive strength of at least 3000 psi?	2021 Standard Specifications 401-3.07 pg. 268
37.		Quantlist Minimum Frequency is being followed, one per seven calendar days.	Construction Bulletin 07-01