

Diary Number: _____

Inspector Name: _____

TRACS Number: _____

Date: _____

Division IV: Surface Treatments and Pavements

Title: PCCP Sawing and Sealing

Lot Number:	Pour Number:
Begin Station:	End Station:
Location:	Thickness:

Attribute Numbers	Yes, No N/A	Narratives	References
0.		All stakeholders have participated in the pre-activity meeting.	Construction Manual 401-1 pg. 401-1
1.		Was the sealant delivered in the manufacturer's original sealed containers with the original manufacturer's label attached and intact?	2021 Standard Specifications 1011-8.02 pg. 1225
2.		Is sealant container legibly marked with the manufacturer's name, trade name of sealer, batch or production lot number and shelf life expiration date?	2021 Standard Specifications 1011-8.02 pg. 1225
3.		If the expiration date has been exceeded, the sealant is not used unless it has been retested and recertified for bond test method per ASTM D5893?	2021 Standard Specifications 1011-8.02 pg. 1225
4.		Are the only sealants used shown on the Approved Product List (APL)?	2021 Standard Specifications 1011-8.04 pg. 1225 Approved Products List pg. 68 1011 – Joint Materials
5.		Are the certificates of analysis conforming to the requirements of Sub-Section 106.05 of the Standard Specifications on file for silicone joint sealant?	2021 Standard Specifications 1011-8.04 pg. 1225 Approved Products List pg. 68 1011 – Joint Materials
6.		Have the joints been sawed prior to the concrete hardening enough to prevent excessive tearing or raveling of the surface?	2021 Standard Specifications 401-3.06 (A) pg. 266
7.		Were the joints sawed before uncontrolled pavement cracking occurs as determined by the contractor?	2021 Standard Specifications 401-3.06 (A) pg. 266

8.		Were suitable guide lines, or other devices used to ensure that joints are constructed at the correct locations as shown on the plans?	2021 Standard Specifications 401-3.06 (A) pg. 266
9.		Was the excess water and concrete slurry from sawing operations properly contained and disposed of?	2021 Standard Specifications 401-3.06 (A) pg. 266
10.		Are the depths of Longitudinal Construction (LC) and Transverse Construction (TC) sawed joints verified? (minimum 1-1/4 inch)	Standard Drawing C-07.01
11.		Are the depths of the Longitudinal Weakened Plane (LWP) sawed joints verified? (1/3 of PCCP thickness)?	Standard Drawing C-07.01
12.		Are the depths of the Transverse Weakened Plane (TWP) sawed joints verified? (1/3 PCCP thickness).	Standard Drawing C-07.01
13.		Are the depths of AC/PCCP Edge Seal (S) sawed or routed joints verified? (one inch)	Standard Drawing C-07.01
14.		Does the contractor have one additional concrete span saw in good working order, on the project site while sawed joints are being constructed?	2021 Standard Specifications 401-3.06(A) pg. 266
15.		Are the finished widths of the Longitudinal Weakened Plane (LWP) sawed joints verified? (1/8 inch to 3/16 inch)	Standard Drawing C-07.01
16.		Are the finished widths of the Transverse Weakened Plane (TWP) sawed joints verified? (1/8 inch to 3/16 inch)	Standard Drawing C-07.01
17.		Are the finished width of AC/PCCP Edge Seal (S) sawed joints verified? (minimum 1/2 inch)	Standard Drawing C-07.01
18.		When not mandated by law or regulation, the joints were cleaned by sand blasting?	2021 Standard Specifications 401-3.06 (A) (1) pg. 267
19.		To achieve a clean, dry and dust free face, the joints were further cleaned by high-pressure air jets that were free of oil and dirt?	2021 Standard Specification 401-3.06 (A) (1) pg. 267
20.		When PCCP is overlaid with asphaltic concrete (asphaltic rubber) friction course, asphalt -rubber joint sealant was used that conforms to Subsection 1011-3?	2021 Standard Specification 401-3.06 (A) (2) pg. 267
21.		When PCCP is NOT overlaid with asphaltic concrete (asphaltic rubber) friction course, silicone joint sealant was used that conforms to Subsection 1011-8?	2021 Standard Specification 401-3.06 (A) (2) pg. 267
22.		Either type of sealant was applied in accordance with the manufacturers recommendations?	2021 Standard Specification 401-3.06 (A) (2) pg. 267
23.		Immediately prior to applying silicone joint sealant, was there an expanded closed cell polyethylene foam backer rod inserted into the joint?	2021 Standard Specifications 401-3.06 (A) (4) pg. 267
24.		Foam backer rod diameter is at least 25% larger than the nominal width of the sawed joint?	2021 Standard Specifications 401-3.06 (A) (43) pg. 267

25.		Is the silicone joint sealant recessed to provide a minimum depth of 1/4 inch below the PCCP surface?	Standard Drawing C-07.01
26.		Did the Engineer complete all of the recommended manufacturer's field testing? (for any type of sealant used)	2021 Standard Specifications 401-3.06 (A) (3) pg. 267
27.		Any repairs necessary resulting from field testing were immediately repaired by the contractor (sealant spilled on the concrete is removed)?	2021 Standard Specifications 401-3.06 (A) (3) pg. 267
28.		Joints are sealed within 10 working days after concrete placement and prior to opening the pavement to any traffic?	2021 Standard Specifications 401-3.06 (A) pg. 266
29.		Quantlist Minimum Frequency is being followed, One per 7 Calendar Days	Construction Bulletin 07-01