Diary Number: _____ Inspector Name: _____

TRACS Number: _____ Date: _____

Division IV: Surface Treatments and Pavements
Title: PCCP Sawing and Sealing

Lot Number
Direction
Thickness
Pour Number
Station
Location

Attribute Numbers	Compliance	Narratives	References
0.		All stakeholders have participated in the pre-activity meeting (can be combined with other pre-activity).	Construction Manual 401-1
1.		The sealant is delivered in the manufacturer's original sealed containers with the original manufacturer's label attached and intact.	Standard Specifications 1011-8.02
2.		The label on each silicone joint sealant container is legibly marked with the manufacturer's name, trade name of sealer, batch or production lot number and shelf life expiration date.	Standard Specifications 1011-8.02
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.	Standard Specifications 1011-8.02
4.		Certificates of analysis conforming to the requirements of Sub-Section 106.05 of the Standard Specifications are on file for silicone joint sealant.	Approved Products List Category H Standard Specifications 1011-8.04 Standard Specifications 1011-8.05
5.		Joints are not sawed until the concrete has hardened enough to prevent excessive tearing or raveling of the surface.	Standard Specifications 401-3.06
6.		Joints are sawed before uncontrolled pavement cracking occurs as determined by the contractor.	Standard Specifications 401-3.06

7.		Suitable guide lines, survey offsets or other devices are used to insure that joints are constructed at the correct locations as shown on the plans.	Standard Specifications 401-3.06
8.		Excess water and concrete slurry from sawing operations are properly contained and disposed.	Erosion and Pollution Control Manual Chapter 2
9.		The depth of Longitudinal Construction (LC) and Transverse Construction (TC) sawed joints are checked and documented (minimum 1-1/4 inch).	Standard Drawing C-07.01
10.		The depth of the Longitudinal Weakened Plane (LWP) sawed joints are checked and documented (normally 1/3 PCCP thickness).	Standard Drawing C-07.01
11.		The depth of the Transverse Weakened Plane (TWP) sawed joints are checked and documented (normally 1/3 PCCP thickness).	Standard Drawing C-07.01
12.		The depth of AC/PCCP Edge Seal (S) sawed or routed joints are checked and documented (normally one inch).	Standard Drawing C-07.01
13.		The finished width of the LWP sawed joints are checked and documented (1/8 inch to 3/16 inch).	Standard Drawing C-07.01
14.		The finished width of the TWP sawed joints are checked and documented (1/8 inch to 3/16 inch).	Standard Drawing C-07.01
15.		The finished width of (S) sawed joints are checked and documented (minimum 1/2 inch).	Standard Drawing C-07.01
16.		Unless otherwise Mandated by law or regulation, joints are thoroughly cleaned prior to sealing.	Standard Specifications 401-3.06
17.		Immediately prior to applying silicone joint sealant, an expanded closed cell polyethylene foam backer rod is inserted into the joint.	Standard Specifications 401-3.06 (A)(3)
18.		Silicone joint sealant is recessed to provide a minimum depth of 1/4 inch below the PCCP surface.	Standard Drawing C-07.01
19.		Prior to AR-ACFC placement, when ASTM D5249 Type 1 backer rod (a fiber type) is used, it is 25% larger than the nominal sawed width and placed per the plans.	Special Provisions
20.		All field testing for sealant, recommended by the manufacturer and required by the Engineer, is performed by ADOT.	Standard Specifications 401-3.06 (A)
21.		Any repairs necessary resulting from field testing are immediately repaired by the contractor (sealant spilled on the concrete is removed).	Standard Specifications 401-3.06 (A)
22.		Joints are sealed within 10 working days after concrete placement and prior to opening the pavement to any traffic.	Standard Specifications 401-3.06 (A)
23.		Quantlist Minimum Frequency is being followed, One per 7 Calendar Days	Construction Bulletin 07-01