

Reflective Cracking Testing Notes

Date: March 19, 2015

Project: Reflective Cracking Indoor Phase IV

Weather:

	6:54 AM	3:54 PM
Temperature (°F):	19.9	45.0
Dew Point (°F):	12.0	3.9
Humidity (%):	71	18
Visibility (Miles):	10.0	10.0
Wind (MPH):	Calm	3.5 Variable
Conditions:	Clear	Clear

Working Hours: 7:00 AM – 4:30 PM

Sub-Contractor(s): None

Personnel: SRA

Equipment: Hand tools

Reflective Cracking Testing Notes:

The 12 mil test cycle continued on the Phase IV test item. On the South test section, the inner vertical edge shows no change, as shown in Figure 1. The South outer vertical edge shows evidence of movement between the concrete and asphalt interface, as shown in Figure 2.

On the North test section, the inner vertical edge shows no change, as shown in Figure 3. The North test section surface crack has become visible since yesterday (3/19/2015), as shown in Figure 4. Another crack is visible along the outer vertical edge as before, as shown in Figure 5. The crack is more readily visible at SG5-N-5, as shown in Figure 6. The crack has become visible between SG5-N-5 and SG4-N-5, as shown in Figure 7. The crack has become visible between SG4-N-5 and SG3-N-5, as shown in Figure 8. The crack has propagated from SG3-N-5 and reached the 54 inch mark (on the 60-inch tape measure), as shown in Figure 9 and 10 below. The end of the crack is currently 6 inches away from the inner edge.



Figure 1. South Inner Vertical Edge.



Figure 2. South Outer Vertical Edge.



Figure 3. North Inner Vertical Edge.

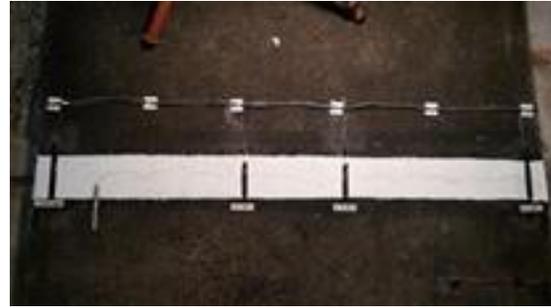


Figure 4. North Test Section Surface.



Figure 5. North Outer Vertical Edge.



Figure 6. North Surface Crack at SG5-N-5.



Figure 7. North Surface - SG5-N-5 to SG4-N-5.

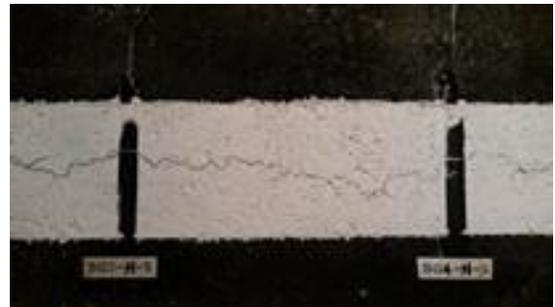


Figure 8. North Surface - SG4-N-5 to SG3-N-5.



Figure 9. North Surface - SG3-N-5 to SG2-N-5.



Figure 10. North Surface - Crack at 54 inches.