

## Reflective Cracking Construction Notes

**Date:** January 22, 2015

**Project:** Reflective Cracking Indoor Phase IV

**Weather:**

|                     | 6:54 AM  | 3:54 PM  |
|---------------------|----------|----------|
| Temperature (°F):   | 30.0     | 34.0     |
| Dew Point (°F):     | 27.0     | 32.0     |
| Humidity (%):       | 88       | 92       |
| Visibility (Miles): | 7.0      | 3.0      |
| Wind (MPH):         | 5.8 W    | 5.8 SW   |
| Conditions:         | Overcast | Overcast |

**Working Hours:** 7:00 AM – 4:30 PM

**Sub-Contractor(s):** ARA

**Personnel:** (1) technician (ARA)

**Equipment:** Hand tools

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SRA and ARA personnel continued installing the surface strain gauges. Adhesive was applied to the inner side surfaces of the North and South test items within the environmental chamber. The gauges were then affixed to the surfaces and held in place by wooden blocks that were braced via a wood strut spanning across the center gap. This temporary bracing will be left in-place until the adhesive cures. Figure 1 (a shows the installation into the pavement and figure 1b shows the temporary bracing.

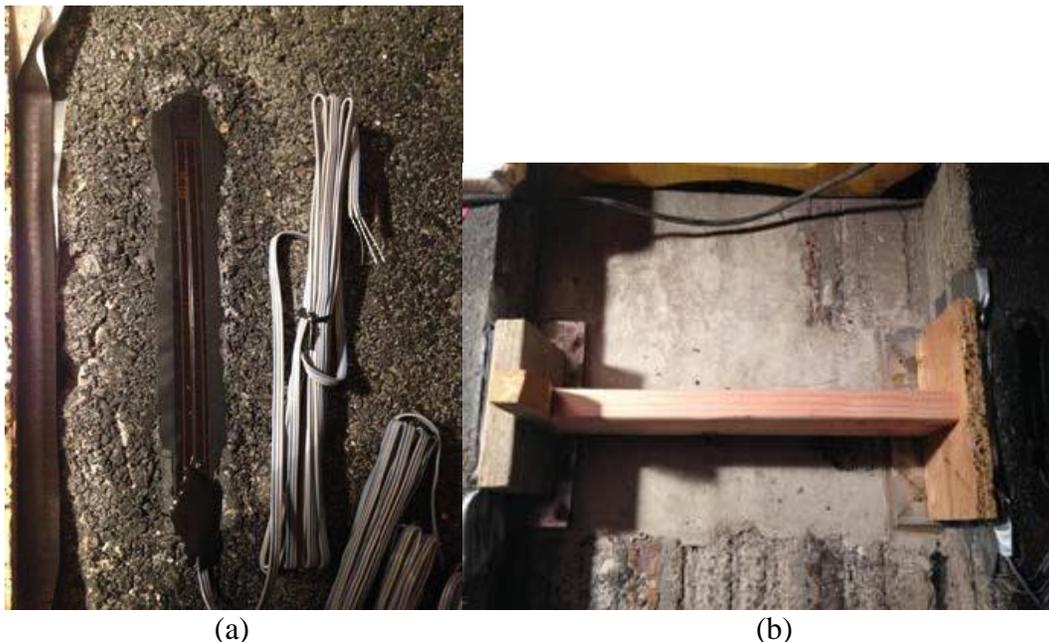


Figure 1. Installation of Vertical Surface Strain Gauges and Temporary Bracing.