

## Reflective Cracking Construction Notes

**Date:** December 10, 2014

**Project:** Reflective Cracking Indoor Phase IV

**Weather:**

|                     | 6:54 AM  | 3:54 PM  |
|---------------------|----------|----------|
| Temperature (°F):   | 39.0     | 39.0     |
| Dew Point (°F):     | 34.0     | 26.1     |
| Humidity (%):       | 82       | 60       |
| Visibility (Miles): | 10.0     | 10.0     |
| Wind (MPH):         | 12.7 NW  | 19.6 NW  |
| Conditions:         | Overcast | Overcast |

**Working Hours:** 7:00 AM – 4:30 PM

**Sub-Contractor(s):** ARA, United Concrete

**Personnel:** (1) technician (ARA), (1) supervisor, (1) form carpenter (United)

**Equipment:** Hand tools

**Reflective Cracking Construction Notes:**

United Concrete personnel began the installation of the formwork for the Phase IV paving. They also installed the 6x6 WWF reinforcing steel, as shown below in Figure 1, (supported on chairs) within the excavation for the new lead-in slab to the West of the reflective cracking rig. That slab is planned to be poured later in the week.

After evaluating the condition of the edges of the test rig concrete slabs (the center joint), United used Dayton Superior HD50 horizontal repair mortar to re-form and repair the concrete edges on either side of the joint. Rapid Set Cement All<sup>®</sup> repair cement was also used to level low spots on the test rig surface on either side of the joint.



(a) Beginning of Formwork Installation.



(b) Beginning of Formwork Installation (2).



(c) Reinforcing Steel Installation.

Figure 1. Installation of the Formwork for the Phase IV Paving and Installation of Reinforcing Steel.