

**Temperature:** N/A

**Reflective Cracking:**

The cause of leakage in the Reflective Cracking Rig has been identified, as due to poor workmanship in a valve connector in the manifold system. A feasible and reliable repair plan has been developed and is under review. A fixture to fit the MTS machine to perform the AASHTO T 323 test for AC/PCC interface bond characterization is in the manufacturing process. A series of laboratory tests using Texas Overlay Tester are being carried out by Soiltek, Inc and are expected to be completed by the end of August. It is also expected that the construction of the reflective cracking site will start again by the end of September.

SRA also received 3 ready to install units of Stop Mechanisms (manufactured by Gaum Inc.) for the Reflective Cracking Rig.

- **Analysis of Reflective Cracking in Air Field Pavement Using a 3D-Generalized Finite Element Method**

This presentation demonstrated some theoretical predictions of the reflective cracking. This can be engaged in the ongoing reflective cracking project conducted at NAPTF.