Temperature: N/A

Reflective Cracking

Some bond shear bond tests were conducted on field cores from the supplementary study site. Test results revealed that the combination of heavy broom and straight asphalt (PG 64-22) provided the optimum AC/PCC bonding condition. Therefore, after concrete placement in the Reflective Cracking Rig (RCR), the slab surface was finished with heavy broom. In addition, a total of 12 concrete strain gages and 6 LVDTs were installed. The IOTech DAQ was set up for data collection, including picture and video recording for reflective crack propagation. The hydraulic system was in the final stage of fine-tuning.

It is expected that the asphalt concrete will be overlaid in early December, 2011.

Concrete was placed in the Reflective Cracking Rig. During the placement, 12 concrete gages and 6 horizontal displacement transducers were embedded in the concrete.

The IOTech data acquisition system was fine tuned for data collection. Sample data was collected during the concrete placement.