

Temperature: N/A

Reflective Cracking:

The full-scale reflective cracking test was completed on June 4, 2012. The primary objective of the full-scale test was to evaluate the performance of hydraulic control program, temperature control unit, and instrumentation. As summarized in the following table, different loading forms (ramp vs. cyclic) and loading rates were experimented. All tests were conducted at the AC-PCC interface temperature of 32°F. A total of 40 HMA cores were taken from the test pavement for material characterization: fracture energy, creep compliance, tensile strength, and dynamic modulus. The AC overlay was milled afterwards.

Date	Loading	Horizontal Displacement, mil	Loading Rate, mil/sec	Cycles
05/11&05/14	Ramp	15	0.05	-
05/22-06/01	Cyclic	15	0.05	1324
06/02-06/04	Cyclic	15	0.10	765
06/04	Ramp	115	0.10	-