

**ILLINOIS DOT – By Doug Dirks**

**State Report Questions**

April 26-28, 2011 TTCC/NCC Meeting

1. Summarize your state's current QC/QA requirements for pavements.

**Aggregate gradation, slump, air content, and strength quality control tests by the contractor are used in accepting the concrete. Illinois DOT personnel will perform split sample tests on a percentage (at least 10%) of the aggregate gradation, slump, air content, and strength tests performed by the contractor.**

2. Identify any differences in QC/QA requirements on projects with accelerated schedules.

**There is no difference in QC/QA requirements if the project is accelerated.**

3. Summarize the requirements for allowable time between batching and placement for agitated and non-agitated concrete mixes.

**Non-agitated – 30 minutes**

**Agitated – 90 minutes (Concrete Temperature 50-64 °F); 60 minutes (Concrete Temperature 65-90 °F); 90 minutes (Concrete Temperature 65-90 °F with retarder)**

4. Summarize acceptance and payment adjustment clauses related to QC/QA requirements.

**Concrete acceptance is based on aggregate gradation, slump, air content, strength, smoothness, and thickness. Pay adjustments are used for thickness and smoothness.**