

# KYTC IC Project - Meeting # 2

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## FHWA Intelligent Compaction HMA In-Place Density Study

### - KY IC Field Project

**Date: July 9, 2014, Time: 10:00AM-11:00AM CDT**

#### **Attendees:**

Lee Gallivan, FHWA (COR of the FHWA IC project)

George Chang, Transtec Group (PI of the FHWA IC project)

David Hunsucker, UKY

Paul Looney, KYTC

Mike Law, Scotty's Contracting & Stone

Jonathan Kemp, Scotty's Contracting & Stone

Tim Kowalski, Wirtgen/Hamm

Nelson Hunt, Caterpillar

Todd Mansell, Caterpillar

Adams Coomes, JD Weis, SITECH-MidSouth

#### **Summary and Action Items**

The followings were covered:

- The experimental plan and field activities
- Both Caterpillar and Hamm IC rollers will be delivered to the staging area on July 11.
- The staging area will be at the I-65 medium next to Exit No. 65 behind barriers.
- There will be pre-mapping with IC rollers due to asphalt treated base materials.

- SITECH will set up a ground-based GPS base station for RTK. Sufficient batteries will be used to provide continuous signals during the compaction operation. Two rovers will be provided with one on RTK and the other one on OmniSTAR.
- Day 1 paving may start at 5:30AM, but the IC roller training and briefing schedule will start at 7AM. Once the IC roller operators are trained, both IC rollers will be blended into the rolling train.
- The paving area is under Central Daylight Saving Time zone.
- In case of rain, the paving may move south.
- The contractor will be using non-nuclear density gauge for their QC.
- At least two coring rigs and operators will be provided by both the contractor and KYTC during the Day 2 operation. The cores will be transported to KYTC labs for bulk density tests.
- No FWD testing will be provided by KYTC.
- A LCD projector will be provided by KYTC during the Open House.
- Both IC rollers will be moved to the parking lot of the Open House prior to this event.
- Observers are allowed.

Action Items:

- Lee G. will contact FHWA KY Division for their participation in this field demo and Open House.
- Dave H. will contact KYTC for providing a nuclear density gauge and an operator during the 3-day field IC operation.
- Dave H. will contact KYTC for providing a kick off speech during the Open House.
- Mike L. will contact KYTC for the coordination of coring rigs, operators, and core transportation.
- Mike L. will provide contact info of the paving foreman. (done)
- George will update the Field Summary Sheets and provide further details on Day 0 activities to the CAT/Hamm/SITECH.