

MD SHA IC Project - Meeting # 3

FHWA Intelligent Compaction HMA In-Place Density Study – MD SHA IC Field Project

Date: Apr. 10, 2014, Time: 12PM-1PM EST

Attendees:

George Chang, Transtec Group

Azmat Hussain, FHWA-MD

Gloria Burke, QA Field Engineer , MD SHA

Barry Catterton, Asphalt Division Chief, MD SHA

Geoffrey Hall, Pavement Design Division Chief, MD SHA

Daniel Woldehana, MD SHA (?)

Jamie ?, MD SHA (?)

Rob Scrivener, General Manager, Reliable Contracting (443-520-8867, RScrivener@reliablecontracting.com)

Nathan Scrivener, Reliable Contracting (NScrivener@reliablecontracting.com)

Bill Midgett, project manager, Reliable Contracting (443-520-8864, BMidgett@reliablecontracting.com)

Summary

Selected Project:

- It is milled and fill project at MD 170. The mill/fill is about 4”.
- The Night 2 section will be at a 2.5” base course paving at a main lane section.
- The target week for this demo is late June to early July. Tentatively, let’s shoot for the week of June 23.
- Night paving is expected. The IC demo is expected to include 2 nights of paving and half of day Open House.

Schedule/Logistics

- Two IC rollers are select by the contractor: Caterpillar and Hamm
- The IC rollers will be shipped to the job site 2-3 days prior to the IC demo.
- The contractor's contact for roller delivery is Bill Midgett.
- The IC vendors' technical support will setup the IC rollers and do trial runs prior to the Night 1 paving.
- Roller operators' training will be provided by IC vendors' technical support within 1-2 hours prior to the Night 1 paving. Note the Night 1 may either be Sunday night or Monday night. The rest of the field schedule will then follow accordingly.
- The Night 1 paving will be served as practice runs at a location designated by the contractors. No mapping will be conducted.
- The contractor will provide a nuclear density gauge and an operator will work with the FHWA IC team to conduct numerous measurements.
- The Night 2 paving will include extensive testing and corings. 2-3 core rigs will be provided to complete 60 cores within the time frame after the finishing rolling and before opening to traffic – according the marked core locations by the FHWA IC team.
- The cores will be taken to a MD SHA lab for bulk density tests that will be completed within 30 days.
- (Tentatively) The IC rollers will be mobilized to the Open House location right after the Night 2 paving before 8AM of the following morning. The IC vendors' technical support will take over the IC rollers for show-&-tell during the Open House.
- The Open House will be at the MD SHA Hanover district office.
- The IC rollers may be picked up for shipment right after the open house.

Action Items

FHWA IC Team

- Prepare a concise Summary Field Sheets for this IC demo including contacts for all field personnel.
- Prepare a webpage for this IC demo as a medium for communication.
- Prepare a webpage for the Open House for online registration.
- Confirm IC vendors (Caterpillar and Hamm) for their participation. Confirm the LWD-a vendor (Kessler) for their participation.
- Determine whether one day gap between the field demo and Open House is needed.

Contractors

- Send the FHWA IC team project information, map, typical section, and mix design.
- Confirm the actual dates (nights) for the IC demo at least 6 weeks prior to the IC demo.
- Inform the IC vendors regarding the location for IC roller delivery.

MD SHA

- Provide FHWA IC team the contact information for all participating personnel.
- Reserve the Hanover District office conference room for Open House and provide an LCD projector and a screen. Provide FHWA IC team the address of the Hanover facility.
- Promote the Open House.

Next Meeting

(tentatively) One week prior to the IC demo.