

ITD IC Project - Meeting # 4

FHWA Intelligent Compaction HMA In-Place Density Study – Idaho DOT IC Field Project

Date: Apr. 21, 2014, Time: 1:00PM-2:00PM PST

Attendees:

Victor (Lee) Gallivan, FHWA (COR)

George Chang, Transtec Group (PI)

Bob Horan, Asphalt Institute (facilitator)

Kyle Holman, FHWA-ID

Mike Santi, ITD

Marvin Fenn, ITD District 1

John Perfect, ITD District 1 (project manager)

Elaine Davis, HDR Engineering

Jared Wise, Interstate Concrete & Asphalt (paving contractor)

Pat Cove, Interstate Concrete & Asphalt (paving contractor)

Tim Kowalski, Wirtgen (Hamm IC support)

Andy Kazanis, Wirtgen/Hamm (Hamm IC support)

Ed Conlin, Sakai America (Sakai IC Support)

Josh Steele, Sakai America (Sakai IC Support)

Garry , Kessler (LWD-a support)

Summary and Action Items

Project Update:

- The project is located on the main lane of US-95, north of Coeur d'Alene, ID, in Direct 1 of ITD.
- The paving is on schedule. Intermediate course is expected to be paved during May 5-7.
- The paving will be on the I-95 NB for 3.5 miles. Traffic control will be deployed.

Roller Shipment:

- Both Sakai and Hamm IC rollers will be delivered onsite prior to Sunday, May 4. The Hamm IC roller is currently in Spokane, WA.
- The location for roller delivery is:
 - Drive on Noth I-95, pass one stop light and head north
 - Williams Lane next right
 - Then immediately left onto new paving.
 - Drop off on the side of the road.
- Contacts for roller delivery: Pat Cove, Pat Cove, Interstate Concrete & Asphalt, 208-755-9987
- After the IC demo on May 7, the IC rollers will be mobilized to the ITD District 1 office for the Open House (600 W. Prairie Ave., Coeur d'Alene, Idaho 83815-8764) on May 8. The IC rollers will then be picked up by IC vendors' shipping company after the Open House. The Hamm IC roller will be moved to MT.

ITD

- ITD District 1 has coordinated with the ITD HQ on providing a nuclear density gauge and an operator during the IC demo.
- ITD District 1 has one coring rig and has obtained another one from contractors via a change order. Therefore, there will be 2 coring rigs available to get 4" cores within approx. 4 hours during the latter half of Day 2 of the IC demo.
- No FWD testing will be provided.
- On Day 2, after the finishing rolling, FHWA IC team will mark the core ID with spray paints to indicate 60 locations for NG/GPS/LWD/Coring. The team may need extra paint from ITD/contractor as backup.
- The Open House will be at the ITD District 1 office. An LCD projector and a screen will be provided. ITD will help promoting this event by broadcasting the online registration link (<http://fhwaicopenhouseitd.eventbrite.com/>) to cities, academic, consultants, and contractors as well as neighboring DOTs (OR, WA, MT). Bob Horan will contact Dave John to invite MTDOT. Note that the capacity of this facility is about 40 though it can be stretched a little bit.

Field Activities

The field activities were reviewed. **Please bring a hard copy of the Field Summary to the jobsite.**
(http://www.intelligentcompaction.com/downloads/field_demo/ID_IC_Demo_FieldSheets.pdf)

Paving Contractor (Interstate Concrete & Asphalt)

- Interstate Concrete & Asphalt will replace the breakdown rollers with the Sakai IC roller and Hamm IC roller. A pneumatic roller will be used as the third roller and another finishing roller will be used. Will provide fuel and water for the IC rollers.
- Two of Interstate's roller operators will be trained by IC vendors for approx. 30 min. to an hour prior to the paving starting 6AM on Mayday, May 5.
- PPE is required for all field participants. (Hard hats, Class 2 reflective vest, Safety glasses, Steel toe boots). Extra hard hats will be provided to the FHWA IC team members.
- Suggest to car pool to the jobsite and park in one file on the SB shoulders. Vendors may need to move their vehicle closer to the operation due to hauling of equipment.
- The main contractor's contact is Pat Cove (208-755-9987) with Elaine Davis as backup (208-859-0476).

IC, GPS and FWD Vendors

- Both Sakai and Hamm will bring hand-held GPS rovers (TopCon and OmniSTAR). TopCon will be onsite, too.
- Both Sakai and Hamm will conduct IC roller setup, GPS validation, and trial runs during PM of May 4th.
- Kessler will provide a LWD-a and an operator.
- All vendors will be make presentation and do show-&-tell during the Open House.

FHWA IC Team

- The FHWA IC team will post any updates on the project webpage (<http://www.intelligentcompaction.com/projects/2012-2014-fhwa-hma/2014-field-projects/idaho-july-september-2014/>).
- A draft report will be provided for review after 6-8 weeks. The final report will be posted on the above project webpage.

Next Meeting

Onsite briefing at 6:30AM, Monday, May 5 at the staging area of the job site.