

WADOT IC Project - Meeting # 2

FHWA Intelligent Compaction HMA In-Place Density Study - WADOT IC Field Project

Date: Jan. 22, 2014, Time: 8:00AM-9:30AM PST

Attendees:

FHWA IC Team

Victor (Lee) Gallivan, FHWA, COR

George Chang, Transtec Group, PI

FHWA_WA

Susan Ellis, Const / Materials / Pavement Engineer, FHWA-WA

Washington State DOT

Jeff Uhlmeyer, State Pavement Engineer

Mark Russell, State Pavement Design Engineer

Kim Willoughby, State Research and Development Office

Jay Drye, Engineering Manager - Mt Baker

Patrick Fuller, Assistant Project Engineer

Summary and Action Items

Update on the candidate project:

- The project title is "SR 539 - Lynden-Aldergrove Port of Entry Improvements".
- The project length is 3000 ft. The test sections will be at the two new lane construction areas on SR 539 adjacent to the border to Canada.
- The planned paving of the base course is 1,500 ton/day for 2-3 days. The IC demo can be for 2 or 3 days with the second day that requires extensive corings and other point tests.

- The plan review for this project is complete and the contract estimate is under review. The IC Special Provision is included in the letting document. The right-of-way purchase is still in process. WSDOT will inform the FHWA IC team regarding this progress.
- If all goes well (i.e., right-of-ways issue resolved), the letting will be in late Feb. WADOT will contact George and/or Lee if any questions come up during the bidding process. Once the contractor is selected, FHWA IC team will conduct another web meeting with all parties (including IC/GPS/LWD vendors) involved in this project. The asphalt paving is expected to be in mid-July, 2014. The FHWA IC team will plan to do IC demos in ID and WA back-to-back.

WADOT's consideration for this demo

- Two WADOT staff with nuclear density gauges will be assisting the FHWA IC team during the 3-day field IC demo in addition to normal QA tests.
- MOBA PAVE-IR is not considered in this demo due to reported technical support issues in WA and MOBA's decisions not to provide PAVE-IR at their own cost.
- LWD-a tests will be conducted by Kessler at no cost to WADOT. FWD test may be conducted by WADOT.
- WADOT would consider 2 IC rollers in the following order: Hamm, Sakai, Bomag, and Caterpillar.
- NW, NC and Olympia Regions will provide 2 coring machines for the coring operation of 60 cores on Day 2 of the IC demo.
- WADOT regional labs and its research division will conduct lab bulk density tests for the above 60 cores.
- Open house may be held in the WADOT maintenance office in Bellingham about 15 miles from the job site. This office has a conference room that can accommodate 40 attendances and equipped with AV facility. The IC rollers and other equipment can be mobilized to this facility for show-&-tell during the Open House.

Action Items

- Patrick will inform George and Lee if the right-of-way issue is resolved.
- WADOT will advertise the Open House events during the WA APA conference. George will provide a mock Open House online registration for this purpose.
- If the ROW issue resolved, George and Lee will contact Hamm, Sakai, Bomag, and Caterpillar under such order to arrange for their IC rollers for this demo.

Next Meeting

April/May (?) 2014.