

Pooled Fund Project Status Report

January 1, 2011 through March 31, 2011

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| <i>Project Title</i> TPF-5(135) Tire/Pavement Noise Research Consortium | | <i>Agmt./Task No.</i> Y10704 | <i>Item No.</i> | <i>Agency Bgt. No.</i> |
| <i>Research Agency</i> WSDOT | | <i>Start Date</i> 7/1/06 | <i>Estimated Completion</i> 6/30/11 | <i>Revised Completion</i> |
| <i>Principal Investigator(s)</i> Illingworth & Rodkin, Transtec, Lodico | | <i>Technical Contact</i> Bruce Rymer 916.653.6073, Tim Sexton 206.440.4549, Jeff Uhlmeier 360.709.5485 | | |
| <i>WSDOT Program Manager</i> Kim Willoughby 360.705.7978 | | <i>FHWA or Other Technical Contact</i> Mark Swanlund 202.366.1323 | | |
| <i>Funding Source</i> CA, FHWA, KS, MN, MT, NC, NM, OH, TX, WA | | <i>Schedule Status</i> <input checked="" type="checkbox"/> On schedule <input type="checkbox"/> Ahead of schedule <input type="checkbox"/> On revised schedule <input type="checkbox"/> Behind schedule | | |
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| <i>Original Estimated Cost</i> \$150,000 | <i>Revised Cost</i> \$520,000 | <i>% Funds Expended</i> 65% | <i>% Work Completed</i> 65% | |
| <i>Objective</i> <i>The objectives are: (1) provide a forum for states to discuss tire/pavement noise issues and develop a proposed research plan, and (2) pool resources and efforts of multiple state agencies and industry to perform tire/pavement noise research in a similar manner (avoiding duplication) and sharing of data.</i> | | | | |

Project Progress:

The ambassador tours will continue as well as the research/work that Illingworth and Rodkin, Transtec, and Lodico are involved with.

There are many items that are near completion, including: NCAT Track OBSI Measurements, OBSI Rodeo Support, OBSI Calibrator, Scale for Tire Loading, B&K Pulse Data Analysis Routine, NI system development, and the NC Rodeo.

The OBSI Database Development initial data transfer is complete, but will be an ongoing item as new data is added.

The Quieter Pavement Folio is complete and can be downloaded at: <http://www.thetranstecgroup.com/uploads/QA-about-QP-pdf.zip>.

New Period Proposed Activity:

- Work continues in analyzing all the data from the ambassador tours
- Planning of WA rodeos
- Develop a low cost OBSI system with NI analyzer
- Finalize reports from the rodeos and measurements that have been taken