Project Title	*Agmt./Task No.*	*Item No.*	*Agency Bgt. No.*
TPF-5(135) Tire/Pavement Noise Research Consortium	Y10704		
Research Agency	*Start Date*	*Estimated Completion*	*Revised Completion*
WSDOT	7/1/06	6/30/11	

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Funding Source CA, FHWA, KS, MN, MT, NC, NM, OH, TX, WA	*Schedule Status* ☒ On schedule ☐ Ahead of schedule ☐ On revised schedule ☐ Behind schedule

Original Estimated Cost	*Revised Cost*	*% Funds Expended*	*% Work Completed*
$150,000	$520,000	40%	40%

Objective

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.

Project Progress:

- The FHWA ETG for the OBSI AASHTO Standard meeting on Feb 17th in Austin had a follow-up OBSI rodeo. The rodeo participants included, I&R, Transtec, TxDOT, and the University of Texas Center for Transportation Research (Dr. Manuel Trevino).
- Dana Lodico was added to the TPF-5(135) contract.
- Planning for the ADC40 and TPF-5(135) meeting in Denver, CO the week of July 19th.
- The Montana DOT OBSI data report is available on the web.
- I&R is evaluating the Ohio DOT data. Transtec is evaluating the Kansas DOT data.
- The B&K system is undergoing revisions to both hardware and software. Paul has observed changes in several recent purchases between the older I&R, newer Volpe, and newest Rutgers' B&K OBSI system. This makes support less-than-quick and means a universal measurement template may not be possible on this brand of system. The B&K technicians still don't always understand the basics of setting up their equipment for the standard AASHTO OBSI measurements.

New Period Proposed Activity:

- While in Washington DC at TRB, a large OBSI rodeo at MnRoad was discussed. It was mentioned again at the February ETG/OBSI meeting in Austin. Possible rodeo at MnRoad in May, June or July.
- The OBSI calibration box is partially working. Transtec has the GRAAS coupler and is performing equipment checks.
- B&K Pulse Data Analysis Routine – developing proposal
- Quiet Pavement Folio – developing proposal