

Quarterly Progress Report – December 2008
For the period October 1, 2008 to December 31, 2008
ISU/FHWA Cooperative Agreement No. DTFH 61-06-H-00011
Pooled Fund Project TPF-5 (139)

Project Date: January 1, 2007 – December 31, 2010

Project Title: Addendum 286: Implementation of Concrete Pavement Preservation and PCC Surface Characteristics: Tire Pavement Noise Program

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Progress Report:

Project is on schedule	Yes
Project is within budget	Yes
Significant changes in project description	No

Problems:

None

Products and tangible results this quarter (*reports/articles written, oral reports/reviews given*):

Drafting of a diamond grinding tech brief based on the data collected to date. The research team is coordinating a review by the IGGA and ACPA at this time. Additional information was developed in response to questions by the industry relative to the data collection and data conversion methods.

Interaction with Technical Monitor and/or Project Advisory Committee:

Several telephone conference calls and written information exchanges took place relative to the correlation of the data being collected on tire-pavement noise. One “rodeo” has been held and another is planned for the first quarter of 2009. The main area of emphasis focused on the conversion of the Good Year Aquatred tire data to be consistent with the data obtained from the SRTT.

Brief summary of this quarter’s research:

- Data analysis continued this quarter to synchronize the Part 2 data with new data from in Part 3.
- Conducted additional testing and evaluation of OBSI systems alongside the Texas DOT.
- Data collection and reporting on full-scale 2-lift/exposed aggregate project on I-70 in Kansas.
- OBSI data collection for Texas Type 3 project.
- Planning for data collection next quarter in the States of Texas and California.
- Planning continued for potential follow-up OBSI rodeos.
- Revised Technical Brief on Diamond Grinding.
- Further development of IntelliTex system in preparation for Type 1 project in 2009.
- Presented interim findings at two-lift open house in Kansas, at Internoise (presented by Paul Donovan), RPUG, and to IGGA leadership.

Main emphasis for next quarter:

- Remaining data collection on Texas Type 3 site is planned.
- Data collection is planned for California.
- Tentatively, a follow-up OBSI rodeo is possible this coming quarter.
- Complete and submit final Technical Brief on Diamond Grinding

- Prepare draft Tech Briefs on test tire change and joint “slap” effects.
- Further development of IntelliTex system in preparation for Type 1 project.
- Continue pursuing host DOT and contractor for Type 1 project for 2009.
- Continue working with Paul Donovan and others to identify variability sources and improve data presentation.
- Present interim findings at TRB Annual Meeting session on OBSI.

Task #	Task Description	Completion Date Expected/Actual	% of Task Completed
1	Technical Evaluation and Coordination	01/28/11	50%
2	Field Measurement and Data Collection of New and Existing Textures	09/30/09	75%
3	Data Analysis and Report Writing	01/28/11	40%
4	State Technical Working Group Administration	01/30/10	65%
5	Plan, Develop, and Execute Technology Transfer Experimental plan development	01/28/11	50%

DATA FOR THE QUARTER ENDING DECEMBER 31, 2008

BUDGET CATEGORY DESCRIPTION	AMOUNT BUDGETED	EXPENDITURES THIS PERIOD	CUMULATIVE EXPENDITURES
SALARIES/WAGES	\$50,299.00	\$4,838.01	\$22,509.98
BENEFITS	\$16,347.00	\$1,104.99	\$5,395.94
TRAVEL	\$15,000.00	\$1,676.57	\$2,140.57
SUPPLIES/MATERIALS	\$1,000.00	\$24.04	\$365.18
SUBCONTRACTS(subj to IDC)	\$25,000.00	\$0.00	\$0.00
SUBCONTRACTS(not subj to)	\$455,000.00	\$0.00	\$0.00
OTHER DIRECT COSTS	\$20,925.00	\$697.54	\$1,937.54
TOTAL DIRECT COSTS	\$583,571.00	\$8,341.15	\$32,349.21
INDIRECT COSTS (University Overhead)	\$33,429.00	\$2,168.70	\$8,410.79
CATEGORY TOTALS	\$617,000.00	\$10,509.85	\$40,760.00

NOTES:

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