

Quarterly Progress Report – December 2009
For the period October 1, 2009 to December 31, 2009
TPF-5(139)

Project Date: January 29, 2007 – January 28, 2011

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

Principal Investigator: Paul Wiegand, 515-294-7082, email: pwiegand@iastate.edu

Progress Report:

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

Problems:

Effectiveness of subcontracts and European Scan trip are being investigated and evaluated.

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

Tech Brief on Diamond Grinding submitted to CP Road Map for web posting.

Interaction with Technical Monitor and/or Project Advisory Committee:

None

Brief summary of this quarter's research:

- Data collected at Mn/ROAD (Type 2 site).
- Drafts of Tech Briefs on test tire change and joint “slap” effects continue to be developed.
- New Tech Brief on fundamentals of tire-pavement noise is being developed.
- Further development of IntelliTex system in preparation for Type 1 project.
- Continue pursuing host DOT and contractor for Type 1 project.
- Continue working with Paul Donovan and others to identify variability sources and improve data presentation.

Main emphasis for next quarter:

- Tech Briefs on tire-pavement noise fundamentals, test tire change, and joint “slap” effects will be developed.
- Further development of IntelliTex system in preparation for Type 1 project.
- Continue pursuing host DOT and contractor for Type 1 project.
- Continue working with Paul Donovan and others to identify variability sources and improve data presentation.

Task #	Task Description	Completion Date Expected/Actual	% of Task Completed
1	Technical Evaluation and Coordination	01/28/11	65%
2	Field Measurement and Data Collection of New and Existing Textures	06/30/10	85%
3	Data Analysis and Report Writing	01/28/11	55%
4	State Technical Working Group Administration	01/28/11	75%
5	Plan, Develop, and Execute Technology Transfer Experimental plan development	01/28/11	70%

**QUARTERLY BUDGET REPORT FOR
Project Title: SURFACE CHARACTERISTICS**

DATA FOR THE QUARTER ENDING DECEMBER 31, 2009

BUDGET CATEGORY DESCRIPTION	AMOUNT BUDGETED	EXPENDITURES THIS PERIOD	CUMULATIVE EXPENDITURES
SALARIES/WAGES	\$50,299.00	\$1,889.98	\$31,901.04
BENEFITS	\$16,347.00	\$486.52	\$7,882.51
TRAVEL	\$15,000.00	\$0.00	\$2,140.57
SUPPLIES/MATERIALS	\$1,000.00	\$0.00	\$413.98
SUBCONTRACTS(subj to IDC)	\$25,000.00	\$0.00	\$25,000.00
SUBCONTRACTS(not subj to)	\$455,000.00	\$0.00	\$68,994.09
OTHER DIRECT COSTS	\$20,925.00	\$0.00	\$1,937.54
TOTAL DIRECT COSTS	\$583,571.00	\$2,376.50	\$138,269.73
INDIRECT COSTS (University Overhead)	\$33,429.00	\$617.89	\$18,011.66
CATEGORY TOTALS	\$617,000.00	\$2,994.39	\$156,281.39

NOTES:

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