



# Research Progress Report

Today's Date

10/09/2007

For Quarter Ending September 30, 2007

<b>Project Number</b>		<b>Project Title</b>	
RT215		286 Implementation of Concrete Pavement Preservation and PCC Surface	
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<b>Percent of Dollars Paid</b>	<b>Dollars Allocated</b>	<b>Dollars Paid</b>	<b>Percent Project Completion</b>
1	617,000.00	4,899.71	15
<b>Original Project Start Date</b>		<b>Original Project End Date</b>	<b>Current Completion Date</b>
01/01/2007		01/28/2011	01/28/2011

DESCRIPTION OF RESEARCH			
Task Title	Start Date of Task	Original Completion Date	Completion Date
Technical Evaluation and Coordination	01/29/2007	01/28/2011	
Field measurement and data collection of new and existing textures	01/29/2007	09/30/2009	
Data Analysis and report writing	01/29/2007	01/28/2011	
State Technical Working Group administration	01/29/2007	01/30/2010	
Plan, Develop, and Execute Technology Transfer Experimental plan development	01/29/2007	01/28/2011	



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<b>TAC Meeting Dates</b>	<b>TAC Meeting Dates</b>	<b>TAC Meeting Dates</b>	<b>TAC Meeting Dates</b>	<b>TAC Meeting Dates</b>	<b>TAC Meeting Dates</b>
05/04/2007					

**Primary Investigator Concerns, Problems, Needs or No-Cost Extension Requests**

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## Project Progress to Date and other pertinent information

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

Field research has been completed in Iowa, Kansas, and Colorado. Developed and coordinated the schedule for Europe data collection in August and September. Analysis continues on the new data and the data collected under Part 2 of the program.

Interaction with Technical Monitor and/or Project Advisory Committee:

Two conference calls were held (July 20 and September 7, 2007).

Brief summary of this quarter's research:

1. Data from Iowa Type 1, Type 2, and Type 3 grinding site, Kansas Type 2, and Colorado Type 2 site analysis initiated.
2. Data being compared between the Aquatred and the SRTT as the move to the SRTT continues.
3. Data analysis of the in-vehicle measurements taken in Part 2 of the program. Examination of acoustic durability on the Type 1 and Type 2 sites.

Main emphasis for next quarter:

1. Data analysis from Part 2 of the study will also continue, along with new data collected in Part 3.
2. Work with Purdue TPTA project to understand joint effects on noise.
3. Undertake data collection in Europe, especially on exposed aggregate surfaces.
4. Update draft of texture better practices (Fick report).
5. Continue to pursue additional Type 1 sites.
6. Work with Paul Donovan to identify variability sources and improve data presentation.

**Subject** surface characteristics

**Keywords** surface characteristics