

Iowa DOT Quarterly Progress Reports
July 1, 2008 – September 30, 2008

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

Addendum #: 286 & RT 215

Percent Completed for Project:

Task #	Task Description	Completion Date Expected/Actual	% of Task Completed
1	Technical Evaluation and Coordination	01/28/11	40%
2	Field Measurement and Data Collection of New and Existing Textures	09/30/09	65%
3	Data Analysis and Report Writing	01/28/11	30%
4	State Technical Working Group Administration	01/30/10	55%
5	Plan, Develop, and Execute Technology Transfer Experimental plan development	01/28/11	40%

Summary of activities for last quarter, and progress to date:

Completion and publishing of the “*How To Reduce Pavement Noise: Interim Better Practices for Constructing and Texturing Concrete Pavement Surfaces*”. Drafting of a diamond grinding tech brief based on the data collected to date. The draft document is under review by the IGGA and ACPA at this time. Additional information was developed in response to concerns by the industry relative to the data collection and data conversion methods. Additional work activities included:

- Data analysis continued this quarter to synchronize the Part 2 data with new data collected in Part 3.
- Continued work with Purdue TPTA results in order to understand joint effects on noise.
- Conducted additional testing and evaluation of OBSI systems alongside the Texas DOT.
- Data collection completed in Washington State.
- Planning for data collection underway for full-scale 2-lift/exposed aggregate on I-70 in Kansas next quarter.
- Planning for data collection underway for the State of California next quarter.
- Planning continued for potential follow-up OBSI rodeos.
- Completed and submitted a Technical Briefs on Diamond Grinding.
- Further development of IntelliTex system in preparation for Type 1 project in 2009.

Concerns, or problems encountered:

None

Summary of TAC Meetings (Interaction):

Conference call was held on August 8, 2008 with the Project Advisory Committee. Meeting held with Advisory Committee in Bloomington, MN on September 23, 2008 to discuss progress in the research project and get input on work items that the Committee wanted to see developed over the remaining time. The Committee members felt that a strong program of Tech Transfer of the study results was very important.