

State of Wisconsin/Department of Transportation
RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: September 30, 2007

Program: SPR-0010(36) FFY99		Part: II Research and Development	
Project Title: HIPERPAV Wisconsin Implementation Support		Project ID: WisDOT 0092-07-18	
Administrative Contact: Nikki Hatch		Sponsor: Wisconsin Department of Transportation	
WisDOT Technical Contact: James Parry		Approved Starting Date: July 1, 2007	
Approved by COR/Steering Committee:		Original End Date: October 1, 2007	
Project Investigator (agency & contact): J. Mauricio Ruiz, P.E., The Transtec Group, Inc.		Current End Date: October 1, 2007	
		Number of Extensions: None	

Percent Complete: 100%

Request a No Cost Time Extension (Please Select One): YES NO

Reason for No Cost Time Extension:

N/A

Project Description:

This project involves the conducting of implementation support tasks directed to help DOT staff, contractors, and consultants in Wisconsin learn about the State customized version of the HIPERPAV software and to promote its use throughout Wisconsin. This project includes two types of activities:

1. Maintain communication with HIPERPAV users in Wisconsin
2. Verify accuracy of prediction for Wisconsin fly ash

Progress This Quarter:

(Includes project committee mtgs, work plan status, contract status, significant progress, etc.)

During this quarter, the project team developed a newsletter that was broadcasted to previous HIPERPAV workshop participants and other interested parties in Wisconsin encouraging users of the software to call the project team for technical support. The project team will provide technical support to the users of HIPERPAV in Wisconsin for the duration of the contract's period of performance by addressing technical issues and answering questions on the use of the software.

In addition, the hiperpav.com website was updated with information on the HIPERPAV Wisconsin software.

Also during this quarter, the Wisconsin Concrete Pavement Association assisted the project team coordinate the instrumentation of a concrete pavement construction site in Wisconsin. The CP Tech Center of Iowa State University (ISU) performed the pavement instrumentation as part of an ongoing project on concrete calorimetry. The information collected as part of that project and additional laboratory testing currently being performed by ISU will provide the necessary information to verify the accuracy of prediction of the HIPERPAV software for the fly ash used in that project.

The activities to be performed under this project (Phase IIa) have been completed within this quarter.

Work Next Quarter:

Next quarter, phase IIb of this project will be initiated under contract WisDOT 0092-08-33.

As part of Phase IIb, the project team will continue providing tech support to HIPERPAV users in Wisconsin via e-mail and/or phone calls.

It is anticipated that ISU will complete additional laboratory testing with the materials samples collected on the Wisconsin field site. Once the field and laboratory data is available to the project team, the verification of HIPERPAV model predictions will be initiated.

Circumstances Affecting Progress/Budget:

N/A

Gantt Chart:

