

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

Program: SPR-0010(36) FFY99 Part: II Research and Development	
Project Title: Monitoring and Evaluation of Fly Ash Stabilized Subgrade Constructed by WisDOT	Project ID: 0092-04-10
Administrative Contact: Nina McLawhorn	Sponsor: Wisconsin Department of Transportation
WisDOT Technical Contact: Bob Arndorfer	Approved Starting Date: June 21, 2003
Approved by COR/Steering Committee: \$84,603	Original End Date: May 21, 2006
Project Investigator (agency & contact): Tuncer B. Edil	Current End Date: November 1, 2007
	Number of Extensions: 2

Percent Complete: 95%

Project Description: This project will determine how fly ash stabilization for subgrade improvement impacts construction and pavement design parameters. The project includes the following phases: Phase 1-Development of Laboratory Testing and Field Monitoring Program Phase 2-Implementation of Data Collection and Monitoring Plan Phase 3-Long-term Monitoring

Progress This Quarter:

Material Property Testing:
Completed.

Field Instrumentation: Volumetric water content, soil temperature, precipitation and air temperature data are being downloaded and collected with remote-controlled modem.

Non Destructive Quality Control Tests: The May 2007 FWD data have been received and being analyzed. The results will be incorporated into revised report.

Leachate Quality Data Collection: Over the past quarter the lysimeters installed at STH 12 have been sampled. The samples have been filtered and preserved and are analyzed from cadmium, chromium, selenium, and silver.

Report A draft final report summarizing the US 12 project data was submitted. Review comments have not been received.

Work Next Quarter:

Project extension with additional funding through 2008 has been approved by the Geotech TOC. Long-term monitoring activities therefore are being continued without interruption. .

Circumstances Affecting Progress/Budget:

None

Gantt Chart:

Phase 1: 100% complete
Phase 2: 100% complete
Phase 3: 91% complete