State of Wisconsin/Department of Transportation

RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: June 30, 2008

Program: SPR-0010(36) FFY99	**Part: II Research and Development**
Project Title: Implementation of Determination of Shear Strength Values for Granular Backfill Material Used by the Wisconsin Department of Transportation	**Project ID**: 0092-07-21
Administrative Contact: Nikki Hatch	**Sponsor:** WisDOT
WisDOT Technical Contact: Mr. Robert Arndorfer	**Approved Starting Date:** 7/26/2007
Approved by COR/Steering Committee: $15,000	**Original End Date:** 9/1/2008
Project Investigator (agency & contact): Tuncer Edil, Geo Engineering Consulting, LLC	**Current End Date:** 9/1/2008
	Number of Extensions: 0

Percent Complete: 20%

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

Project Description:
The goals are to aid the Department in determining the 'correct' ϕ' and to clarify the AASHTO procedures as needed to increase the potential of consultant laboratories to achieve similar test results.

Progress This Quarter:
(Includes project committee mtgs, work plan status, contract status, significant progress, etc.)

A sand sample has been delivered to WisDOT with instructions for replicate tests by WisDOT personnel. The testing was completed and results were sent to us. However, there was a misunderstanding of the testing program. Therefore, the tests have to be re-run again. A meeting was held with Bob Arndorfer and Jeff Horsefall describing the issues related to this project. Tom Brakow was contacted to make an apappointment for another round of direct shear testing at WisDOT laboratory. Because of the busy construction season an appointment was not secured.

Work Next Quarter:

Another test will be performed at WisDOT Labs. Additional testing may be required under our observation to note difference in the followed procedure. Ultimate goal is to get consistent and reproducible results. A meeting will be arranged with WisDOT lab personnel.

Circumstances Affecting Progress/Budget:

None

Gantt Chart:

20% completed