

XXState of Wisconsin/Department of Transportation
 RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: Dec 31, 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: Daniel Yeh		Sponsor: Wisconsin Department of Transportation	
WisDOT Technical Contact: 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: 30%

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

Reason for Extension:

Extension requested for 6/30/2009. Testing Delay. Project Requires comparison testing between UW and WisDOT labs. Initial comparison testing showed erroneous results, project was delayed to schedule further testing and WisDOT facilities.

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. Tom Brakow was contacted to make an appointment for another round of direct shear testing at WisDOT laboratory jointly with us. Because of the busy construction season an appointment could not be secured. Another test eventually was performed at WisDOT. The results were different than the UW results.

Work Next Quarter:

Ultimate goal is to get consistent and reproducible results. As a next step, WisDOT personnel will come to UW to perform the test with our equipment.

Circumstances Affecting Progress/Budget:

None

Gantt Chart:

30% completed