

**State of Wisconsin/Department of Transportation**  
RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: Mar 31, 2008

Program: SPR-0010(36) FFY99		Part: II Research and Development	
<b>Project Title: Implementation of Determination of Shear Strength Values for Granular Backfill Material Used by the Wisconsin Department of Transportation</b>		<b>Project ID: 0092-07-21</b>	
<b>Administrative Contact: Nikki Hatch</b>		<b>Sponsor: Wisconsin Department of Transportation</b>	
<b>WisDOT Technical Contact: Mr. Robert Arndorfer</b>		<b>Approved Starting Date: 6/26/2007</b>	
<b>Approved by COR/Steering Committee:</b>		<b>Original End Date: 9/1/2008</b>	
<b>Project Investigator (agency &amp; contact): Tuncer Edil Geo Engineering Consulting, LLC</b>		<b>Current End Date: 9/1/2008</b>	
		<b>Number of Extensions:0</b>	

**Percent Complete: 15%**

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

**Project Description:**

The goals are to aid the Department in determining the 'correct'  $\phi$  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. Arrangements will be made with WisDOT personnel.

**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:**

15% completed