

Texas Transportation Pooled Fund Project – Progress Report

Project Title: The Erosion Control Laboratory	
Project Number: TPF-5(015)	Project Manager – Name & Contact Info: John Mason, Maintenance Division, TxDOT jmason@dot.state.tx.us
Term of Contract: 9/1/06 – 8/31/07	
Reporting Period: 4/1/07 – 6/30/07	
Work Performed and Progress:	
<p>This is an ongoing project thru an Interagency contract with the Texas Transportation Institute for FY2007.</p>	
<p><u>Task 1 Calibration of Test Protocols</u> Annual calibration of the laboratory equipment, sediment beds, channel lining flume, environmental chamber and greenhouses was completed in January 2006.</p>	
<p><u>Task 2 Conduct Baseline Test of Erosion Control Materials</u> A series of baseline index test for quality control was conducted on each product evaluated in this reporting period. This included running standard index or physical property (ASTM) test.</p>	
<p><u>Task 3 Development of New Test</u> Evaluation of TRI's Bench Testing Protocol being considered by NTPEP has been constructed and evaluated. No correlation in the data was found between this protocol and large scale testing.</p>	
<p><u>Task 4 Solicit Participants for Approved Product List Testing</u> Numerous manufacturers are requesting evaluation of their erosion control products. Waiting list for testing is 6 to 8 months.</p>	
<p><u>Task 5 Coordinate with national advisory panel from pooled fund</u> The annual Advisory Committee Meeting was held on April 25, 2007 to update members on the research being conducted at the Erosion Control Laboratory and accept recommendations for FY 2008. Committee members from California, Nebraska, Missouri, Louisiana and Nevada were in attendance. Summaries of other TxDOT erosion control research projects that are not part of the pooled fund were presented for information to the members.</p>	
<p><u>Task 6 Conduct Product Testing</u> Three erosion control products were tested for slope protection and four for channel protection during this quarter. These materials were evaluated for soil sediment loss and vegetation establishment. Those meeting minimum performance standards were added to the TxDOT Approved Products List (APL) for erosion control materials. The APL is available at http://www.dot.state.tx.us/services/maintenance/erosion_control.htm .</p>	
Expenditures Life-to-date: \$614,000.00	
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