

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 Current Contract: 9/1/08– 8/31/09	
Reporting Period: 3/1/2009 – 5/28/2009	
Work Performed and Progress:	
<p>This is an ongoing project thru an Interagency contract with the Texas Transportation Institute for FY2009.</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 were conducted in January 2008.</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 12 months</p>	
<p><u>Task 5 Coordinate with national advisory panel from pooled fund</u> The Advisory Committee met on April 15, 2009 at the Erosion Control Laboratory. It was a very informative meeting as participating states reported on erosion control projects. The committee also had the opportunity to view a demonstration of a sediment control product evaluation at the new sediment control facility.</p>	
<p><u>Task 6 Conduct Product Testing</u> Three erosion control products were tested for slope protection and two for channel protection. 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 2009 Contract: \$201,144.00	
Report prepared by: John Mason (TxDOT Maintenance Division)	