

Transportation Pooled Fund Program

Project Title:		
Slurry/Micro-Surfacing Mix Procedure		R&D
Project Manager and Phone Number:	Project No:	
T. Joseph Holland (916) 227-5825	SPR-3(073)	
Reporting Period:	Multi Year Project:	
Jul 04 – Sep 04	June 30, 2003 – Nov. 30, 2007	
Description of Work Performed and Progress:		
<p>Phase 2 work is identifying potential performance-related test methods. The contactor is currently working out contract details for the acquisition of the Vicso-Time apparatus to measure the rotational viscosity of the slurry. French Wet Track Abrasion Test apparatus has arrived at CEL and is being set up. CEL is working on techniques to make the Modified Cohesion Tester tests automatic.</p>		
Status and Completion Date:		
<p>Percentage of Work: 29% Schedule: On schedule Expected Completion Date: Nov. 30, 2007</p>		

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Reporting Period:	Multi Year Project:	
Oct 04 – Dec 04	June 30, 2003 – Nov. 30, 2007	
Description of Work Performed and Progress:		
<p>Vicso-Time apparatus, French Wet Track Abrasion Test apparatus and the Modified Cohesion Tester were acquired with some delays. The motor torque measure in the Vicso-Time apparatus were not sufficient so a force transducer, mounted on the shaft, will be purchased and tested. A matrix of tests for each apparatus has been established and will test 5 slurry/micro systems.</p>		
Status and Completion Date:		
<p>Percentage of Work: 32% Schedule: On schedule Expected Completion Date: Nov. 30, 2007</p>		

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Reporting Period:	Multi Year Project:	
Jan 05 – Mar 05	June 30, 2003 – Nov. 30, 2007	
Description of Work Performed and Progress:		
<p>Testing began with the Vicso-Time apparatus, French Wet Track Abrasion Test apparatus and the Modified Cohesion Tester. A force transducer was mounted on the Vicso-Time apparatus for more accurate force measurements. Five slurry/micro systems are being tested.</p>		
Status and Completion Date:		
<p>Percentage of Work: 34%</p> <p>Schedule: Behind schedule</p> <p>Delays in procuring various apparatus and parts has resulted in the laboratory testing falling behind schedule. Extra lab technicians are being hired at CEL to accelerate the lab testing. Plans are to present laboratory results to the panel at the end of the summer.</p> <p>Expected Completion Date: Nov. 30, 2007</p>		