

Transportation Pooled Fund Program

Project Title: Pavement Subgrade Performance Study		
Project Manager and Phone Number: Nadarajah Sivaneswaran 202-493-3147	Project No: SPR-2(208)	Project is: _____ PLANNING _____ <u>X</u> R&D
Reporting Period: July 2009 - September 2009	Multi Year Project Yes	
Description of Work Performed and Progress: Heavy Vehicle Simulator (HVS) testing phase of the subject study has been completed and a products CD containing all HVS testing project reports, papers, and processed data is available. The final phase of the study is currently underway to document and obtain/assemble/input additional laboratory test results and missing data. This phase will also develop a detailed work plan for future data analysis and modeling efforts utilizing the experimental data. Review, compilation and evaluation of all available material and performance data have been completed. Based on this evaluation, an additional task to "Conduct Laboratory Resilient Modulus Tests on Subgrade Soils and Unbound Granular Base" to complement existing material data has been recommended and approved by technical advisory committee. The new Mechanistic-Empirical Design Guide uses the Resilient Modulus determined in the Triaxial test as the material characterization property for subgrade soils and granular base and sub-base materials for Level 1 design. The current phase of the study has been extended to September 30, 2010 to accommodate this task and final deliverables.		
STATUS AND COMPLETION DATE		
Percentage of work completed to date for total project Project is: <u>95%</u>		
_____ on schedule <u>X</u> behind schedule, explain:		
A new task to conduct laboratory resilient modulus testing of subgrade soils and granular base was recommended based on comprehensive review of existing data and has added to the current phase of the study. Completion date has been extended to September 30, 2010.		
Expected Completion Date: _____ <u>September 30, 2010</u> _____		