

**Virginia Transportation Research Council
Contract/Grant Progress Report**

Project No: <u>07-0219-07</u>	Starting Date: <u>7/1/06</u>	Target Completion Date: <u>6/30/11</u>
Project Title: <u>Consortium for Pavement Surface Properties</u>		
Performing Agency: <u>Virginia Tech</u>		
Principal Investigator(s): <u>Gerardo Flintsch</u>		
Date of This Report: <u>5/31/07</u>	Next Report Due Date: <u>11/31/07</u>	

Project Description
The main objective of the project is to establish a research program focused on enhancing the level of service provided by the roadway transportation system by optimizing pavement surface texture characteristics.

Research Activities Pursued This Period (Including Tasks):

- Research plans have been prepared for the three initial projects of the consortium and they have been reviewed and approved by the TAC.
- The first annual equipment comparison was conducted May 30th to June 1st at the Smart Road. Participants from GA, PA, VA, SC and the Aero group participated in the event.
- The seasonal monitoring was started; smoothness, macrotexture, and friction data has been collected for 5 months.
- Two “emerging” technologies have been identified for testing and agreements are being worked out with manufacturers to obtain the equipment necessary for the evaluation.
- The second meeting of the TAC was held on May 30, 2007, in Blacksburg, VA.

Problems Encountered:

- No problems have been encountered to date

Activities Planned for Next Period:

- Prepare a report on the first consortium equipment rodeo.
- Continue with the seasonal monitoring of the various pavement surfaces.
- Start the field evaluation of the fixed-slip continuous friction measurement equipment.
- Define the scope and prepare draft work programs for two additional projects proposed by FHWA (with additional funding).

Budget Status:	
Current FY Project Budget: \$ 162,823 (including cost share)	Project Budget Lifetime: \$ 785,073
Current FY Expenditures: \$ 84,704 as of 05/31/07	Expenditures LTD: \$ 84,704
Percent Expended this FY: 52% (Date)	Percent Expended LTD: 0%

Timetable: Project is (check):

On Schedule	<input checked="" type="checkbox"/>	
Behind Schedule *	<input type="checkbox"/>	(explain above)
Ahead of Schedule	<input type="checkbox"/>	

Preparer's Signature: 	Date: <u>06/12/07</u>
Approved By: _____ (Research Manager)	Date: _____

Review Comments: (To be completed by Research Director and Returned to Research Manager)