VTRC File No: _____

Virginia Transportation Research Council
Contract/Grant Progress Report

Project No: 07-0219-07 **Starting Date: 7/1/06** **Target Completion Date: 6/30/11**
Project Title: Consortium for Pavement Surface Properties
Performing Agency: Virginia Tech
Principal Investigator(s): Gerardo Flintsch
Date of This Report: 2/28/08 **Next Report Due Date: 5/31/08**

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):

- Continued with the seasonal monitoring of the Smart Road pavement surfaces.
- Tested the proof-of-concept "static" stereo vision texture measuring system on the Smart Road.
- Selected types of high-friction pavement surfaces (HFS) and identified locations to be evaluated.
- Prepared an experimental program to collect available data and test the HFS.

Problems Encountered:

- The field evaluation of the fixed-slip continuous friction measurement equipment has been delayed because the equipment has not been delivered (the planned delivery date is 4/21/08).

Activities Planned for Next Period:

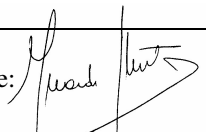
- Continue with the seasonal monitoring of the Smart Road pavement surfaces.
- Start the field evaluation of the fixed-slip continuous friction measurement equipment.
- Start the field evaluation of the selected locations for the HFS evaluation.
- Participate in the NASA Wallops Tire/Runway Friction Workshop.
- Plan and host the 2nd Annual equipment rodeo.

Budget Status:

Current FY Project Budget: $ 164,846 (including cost share)		Project Budget Lifetime: $ 785,073
Current FY Expenditures: $ 113,162	as of 2/28/08	Expenditures LTD: $ 209,056
Percent Expended this FY: 67%	(Date)	Percent Expended LTD: 27%

Timetable: Project is (check):

On Schedule	☐	
Behind Schedule *	☒ (explain above)	[fixed-slip continuous friction
Ahead of Schedule	☐	measurement equipment task only]

Preparer's Signature:  Date: 2/28/08

Approved By:_____ Date: _____
(Research Manager)

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