

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: 10/31/06 **Next Report Due Date:** 12/31/06

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):

- The first meeting of the Technical Advisory Committee (TAC) was held on October 16, 2006, in Charlottesville, VA.
- The consortium participants agreed on the working mechanism, discussed related activities, and prepared a draft research plan for the first year. The following constitute the targeted top-3 topics for initial consortium activity:
 1. Annual equipment rodeo
 2. Evaluation of emerging technologies
 3. Seasonal monitoring of friction/smoothness/texture
- Test sections were established at the Smart Road and initial friction, macrotexture, and profile measurements were taken in these sections.

Problems Encountered:

- No problems have been encountered to date

Activities Planned for Next Period:

- The research team will reserve the Smart Road and propose a date for the first consortium equipment rodeo (due January 1st).
- The research team will start the development of a research plan to shortlist the targeted technologies (due February 1st).
- The research team will prepare a research plan for the seasonal monitoring of the various pavement surfaces (due December 1st).

Budget Status:

Current FY Project Budget: \$ 162,823 (including cost share)	Project Budget Lifetime: \$ 785,073
Current FY Expenditures: \$ 0 as of 09/30/06	Expenditures LTD: \$ 0
Percent Expended this FY: 0% (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: 11/22/06

Approved By: _____

Date: _____

(Research Manager)

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