

Virginia Transportation Research Council
Contract/Grant Progress Report

Project No: <u>TPF5 (045)</u>	Starting Date: <u>3/1/2003</u>	Target Completion Date: <u>12/31/07</u>
Project Title: <u>Development of Performance Guidelines for the Selection of Bituminous Hot-Poured Crack Sealants</u>		
Performing Agency: <u>University of Illinois</u>		
Principal Investigator(s): <u>Imad L. Al-Qadi</u>		
Date of This Report: <u>11/30/07</u>	Next Report Due Date: <u>12/31/07</u>	

Project Description
The project will establish performance guidelines for the proper selection of hot-poured crack sealants. The guidelines will be in the spirit of the Performance Grade (PG) system for bituminous binders with some modifications to the equipment, data analysis procedure, and testing methods.

Research Activities Pursued This Period:

- Viscosity Test: Final report is submitted to VTRC.
- DTT: Draft report was submitted and waiting for the comments from the review panel members.
- BBR: Draft report was submitted and some feedback was received and they are being addressed; waiting for further comments from the consortium members.
- Adhesion test: Three level laboratory test methods, including surface energy, adhesion tester, and blister test were presented and discussed with the review panel in the meeting of October 22nd. A draft report was submitted to the review panel in October.
- A meeting to discuss the adhesion tests was held on October 21/22 in Champaign, IL.
- An executive summary report is being finalized.

Problems Encountered:
No major problems were encountered

Activities Planned for Next Period:

- Conduct DTT and blister tests for equipment validation
- Revise and finalize the three reports (BBR, DTT and Adhesion) and submit to VTRC.
- Finalize the executive summary report.

Budget Status:

Current FY Project Budget: \$74,236	Project Budget Lifetime: *\$820k
Current FY Expenditures: \$69,334*	Expenditures LTD: \$810,984
Percent Expended this FY: 93.3%	Percent Expended LTD: 98.9%

* this represent the expected number in the budget; the project has been no-cost extended until 12/31/07

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: <u>Imad Al-Qadi</u>	Date: <u>11/30/07</u>
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