

Period Covered: January 1 through March 31, 2010 (Quarterly Report)

KSDOT Progress Report
for the

State Planning and Research Program

PROJECT TITLE: Construction of Crack-Free Concrete Bridge Decks		
PROJECT MANAGER: Rodney Montney	Project No: TPF-5(051)	Project is: <input type="checkbox"/> PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT
Annual Budget	Multi Year Project Budget \$995,000	
<u>PROGRESS:</u> <p>Work on Phase I of Construction of Crack-Free Concrete Bridge Decks was extended for an additional two years to allow for the continued evaluation of the bridge decks that were cast in during the phase. With the conclusion of Phase I, crack surveys of the bridge decks will be continued under Phase II.</p>		
<u>LABORATORY ACTIVITIES:</u> <p>All laboratory work and evaluations for Phase I have been completed and are described in previous quarterly reports.</p>		
<u>FIELD ACTIVITIES:</u> <p>The annual crack surveys for Low-Cracking High-Performance Concrete (LC-HPC) bridges and corresponding control bridges in Kansas for 2009 were completed last year, and the results were reported in the September 2009 quarterly report. Bridge deck cracking surveys will resume in the late spring when weather conditions permit survey crews to inspect the decks according to the regular procedures. These results will be included in quarterly reports for Construction of Crack-Free Concrete Bridge Decks Phase II [TPF-5(174)].</p>		
<u>ACTIVITIES PLANNED FOR NEXT QUARTER</u> <p>Evaluation of crack surveys of LC-HPC and control bridge decks will not begin again this quarter. Weather conditions generally improve enough to allow surveys by the second quarter of the year. They will be performed as part as Phase II [TPF-5(174)].</p>		
Project Personnel: David Darwin (Principal Investigator), JoAnn Browning (Co-Principal Investigator)		
<u>STATUS AND COMPLETION DATE</u> Percentage of work completed to date for total project is: 100% <input checked="" type="checkbox"/> on schedule <input type="checkbox"/> behind schedule, explain: Expected Completion Date: <u>March 31, 2010</u>		