

Period Covered: 1/1/09 through 3/31/09 (Quarterly Report)

KSDOT Progress Report

for the

## State Planning and Research Program

PROJECT TITLE: Evaluating Load-Distribution, Fatigue Performance, and Horizontal Shear Transfer Mechanisms in Fiber-Reinforced Composite Honeycomb Bridge Decks		
PROJECT MANAGER: Dave Meggers	Project No: RE-0514-01 TPF5(071) Formally RE-0330-01/RE-0332-01	Project is:  _____ PLANNING
Annual Budget \$100,000	Multi Year Project Budget \$223,900	<u>  X  </u> RESEARCH & DEVELOPMENT
<p>PROGRESS: As previously reported the Kansas DOT has taken over the project and Project Monitor (Dave Meggers) is completing the work. Dr. Peterman of Kansas State University is assisting in the analysis of the test data and preparation of the project report.</p> <p>Most of the testing process has been completed. The inefficiencies of the data acquisition equipment and incompatibility with the laptop computer used for testing required that each test location be loaded three times to collect all the data desired. Data reduction has begun and evaluation of results has been started. One or two additional tests should be performed for verification</p> <p>PROJECT PERSONNEL FROM KSU CIVIL ENG: Dr. Robert J. Peterman</p> <p>PROJECT PERSONNEL FROM KANSAS DOT: Dave Meggers, Research Development Engineer</p> <p>SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:</p> <p>The P.I. hopes to complete data reduction by the end of June 2009. Creep testing is continuing and additional creep data will be collected. Additional load testing was not completed due to weather and work load, testing may resume in the summer of 2009.</p>		
STATUS AND COMPLETION DATE:		
Percentage of work completed to date for total project: Project is <u>90%</u> Complete		
_____ on schedule <u>  X  </u> * behind schedule, explain:		
*As stated previously the significant equipment problems slowed the process of data collection considerably. Because of his duties at the Kansas DOT the PI is only able to devote a few hours a week on data reduction which limits the progress and will slow completion of the data reduction.		
Expected Completion Date: <u>12/31/09</u>		