

Period Covered: 4/1/07 through 6/30/07 (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-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>The load distribution panels are instrumented and the test apparatus is complete. The testing process was slowed by the inefficiencies of the data acquisition equipment and a computer failure that delayed testing for a month or more.</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 the load distribution testing by the end of December 2007. Creep testing is continuing. Data analysis and the report preparation should be completed during 2008. Additional creep data will be collected.</p>		
<p>STATUS AND COMPLETION DATE:</p> <p>Percentage of work completed to date for total project: Project is <u>60</u> % Complete</p> <p>_____ on schedule <u> X </u>* behind schedule, explain:</p> <p>*As stated previously there have been significant equipment problems which have been addressed. Because of his duties at the Kansas DOT the PI is only able to devote one to two days a week on the project which limits the progress.</p> <p>Expected Completion Date: <u>12/31/08</u></p>		