

Period Covered: 7/1/04 through 9/30/04 (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 TPF-5(071)	Project is: _____ PLANNING
Annual Budget \$100,000	Multi Year Project Budget \$223,900	<u> X </u> RESEARCH & DEVELOPMENT
<p>PROGRESS: As reported during the last quarterly report, Mike Stein, the research engineer working on the project, unexpectedly resigned with very short notice. The loss of this position has resulted in significant delays to many of the research projects that Mike was working on, and especially this one. In addition, because of the current delays and the uncertainty of future schedules, the graduate student working on the project (Amin Akhnoukh) also decided to discontinue all work on this project and pursue another research topic for his Master's thesis.</p> <p>The PI has discussed the current situation of not having a graduate student or Research Engineer to work on the project, and the inability to complete the designated tasks with the Project Monitor (David Meggers). At this time, it appears that the best way to move forward with the project tasks in a timely manner may be for KDOT to provide the personnel to setup and conduct the distribution-width testing and fatigue testing portions of this research program. The PI therefore proposes that all of the remaining money that has been budgeted for a research engineer be re-allocated (to KDOT) to pay for the additional KDOT personnel. There is also money in the project that has been budgeted for a graduate and undergraduate student. Dr. Peterman proposes that all of these funds be retained by KSU to enable him to analyze the test data and prepare a project report.</p> <p>PROJECT PERSONNEL FROM KSU CIVIL ENG: Dr. Robert J. Peterman</p> <p>SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:</p> <p>The P.I. hopes to get the distribution-width panels instrumented and the corresponding test-setup completed during the next quarter.</p>		
<p>STATUS AND COMPLETION DATE:</p> <p>Percentage of work completed to date for total project: Project is <u>35 %</u> Complete</p> <p>_____ on schedule <u> X </u> * behind schedule</p> <p>Expected Completion Date: <u>12/31/05 if the above changes are implemented.</u></p>		