

## Transportation Pooled Fund Program

<b>Project Title:</b> Structural Testing of UHPC Connections Between Precast Bridge Deck Elements		
<b>Project Manager and Phone Number:</b> Ben Graybeal Research Structural Engineer FHWA Turner-Fairbank Highway Research Center 202-493-3122	<b>Project No:</b> TPF-5(217)	Project is:  <input type="checkbox"/> PLANNING <input checked="" type="checkbox"/> R&D
<b>Reporting Period:</b> July 1, 2011 - September 30, 2011	<b>Multi Year Project</b>	
<b>Description of Work Performed and Progress:</b>  Phase 1: Phase 1 of this project has been completed. ----- Phase 2: The cyclic testing of the second (and final) full-scale structural test specimen was completed. The specimen performed well throughout the cyclic loading, which included over 12 million cycles. The final 5 million cycles applied more than twice the design fatigue load for the composite connection under test. After the completion of the cyclic testing, the preparation of the specimen for static testing was initiated. This static testing will be completed early in the 4th quarter of 2011. Subsequently, the results will be analyzed and the final report will be drafted.		
<b>STATUS AND COMPLETION DATE</b>		
Percentage of work completed to date for total project Project is: <u>75</u> %  <input checked="" type="checkbox"/> on schedule <input type="checkbox"/> behind schedule, explain:   Expected Completion Date: <u>December 31, 2011</u>		

**Project Manager**