

<i>Project Title</i> <b>TPF-5(115) Blast Testing of Full-Scale, Precast, Prestressed Concrete Girder Bridges</b>		<i>Agmt./Task No.</i> <b>TPF-5(115)</b>	<i>Item No.</i>	<i>Agency Bgt. No.</i>
<i>Research Agency</i> <b>WSDOT</b>		<i>Start Date</i> <b>05/01/05</b>	<i>Estimated Completion</i> <b>12/31/07</b>	<i>Revised Completion</i>
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<i>Funding Source</i> <b>CA, FL, NY, OR, PA, TX, WA</b>		<i>Schedule Status</i> <input checked="" type="checkbox"/> On schedule <input type="checkbox"/> Ahead of schedule <input type="checkbox"/> On revised schedule <input type="checkbox"/> Behind schedule		
<i>Research Area</i> <b>Bridge and Structures, Transportation Security</b>				
<i>Original Estimated Cost</i> <b>\$1,000,000</b>	<i>Revised Cost</i>	<i>% Funds Expended</i> <b>2%</b>	<i>% Work Completed</i> <b>7%</b>	
<i>Objective</i> <b>To assess the damage done to precast, prestressed girder bridges from a blast and to develop recommendations for possible mitigation measures that would harden this type of bridge blast damage.</b>				

**Project Progress:**

The U.S. Army Corps of Engineers Engineer and Research Development Center (ERDC) has agreed to assist in looking for a new site for this work to progress. Tentative sites are the Department of Energy site near Idaho Falls, ID, an Army site in Colorado, and White Sands, NM. Funding, at this point, will allow us to perform the tests on the single girders only. If additional funds become available, the second phase would include the bridge specimens.

WSDOT is setting up an agreement with ERDC for their work.

In addition, Washington State University will begin pretest analysis and an evaluation of available software for blast test analyses within the next few months.

**New Period Proposed Activity:**

Search for an acceptable site to perform the testing and begin pretest analysis.