

<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>
<i>Principal Investigator(s)</i> <b>James Ray, US Army</b>		<i>Technical Contact</i> <b>Ron Lewis (360) 705-7396</b>		
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<i>Funding Source</i> <b>CA, FL, NY, OR, PA, TX, WA, WI</b>		<i>Schedule Status</i> <input type="checkbox"/> On schedule <input type="checkbox"/> Ahead of schedule <input type="checkbox"/> On revised schedule <input checked="" 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> <b>\$320,000 (Phase 1)</b>	<i>% Funds Expended</i> <b>2%</b>	<i>% Work Completed</i> <b>10%</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 secured a new site for this work to progress in Pueblo, CO. WSDOT now has an agreement with ERDC for their work and are working on setting up tentative dates for the testing.

In addition, Washington State University has begun pretest analysis and an evaluation of available software for blast test analyses.

**New Period Proposed Activity:**

Set tentative dates for the testing and arrange shipment of the girders.