

<i>Project Title</i> TPF-5(115) Blast Testing of Full-Scale, Precast, Prestressed Concrete Girder Bridges		<i>Agmt./Task No.</i> TPF-5(115)	<i>Item No.</i>	<i>Agency Bgt. No.</i>
<i>Research Agency</i> WSDOT		<i>Start Date</i> 05/01/05	<i>Estimated Completion</i> 12/31/07	<i>Revised Completion</i>
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<i>Funding Source</i> CA, FL, NY, OR, PA, TX, WA, WI		<i>Schedule Status</i> <input type="checkbox"/> On schedule <input type="checkbox"/> On revised schedule <input type="checkbox"/> Ahead of schedule <input checked="" type="checkbox"/> Behind schedule		
<i>Research Area</i> Bridge and Structures, Transportation Security				
<i>Original Estimated Cost</i> \$1,000,000	<i>Revised Cost</i> \$320,000 (Phase 1)	<i>% Funds Expended</i> 2%	<i>% Work Completed</i> 7%	
<i>Objective</i> 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.				

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. An estimate of necessary funding for blast testing of the two single girder specimens is \$320,000. Funding issues have been a constraint on this project, but we are approaching the needed funding level.

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

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

New Period Proposed Activity:

Obtain necessary funding and set up agreement with ERDC.