US Army ERDC Principal Investigator(s) James Ray, US Army Ron Lewis (360) 705-7396 WSDOT Program Manager Kim Willoughby (360) 705-7978 FHWA or Other Technical Contact Sheila Duwadi Funding Source CA, FL, NY, OR, PA, TX, WA, WI Research Area Bridge and Structures, Transportation Security Original Estimated Cost \$1,000,000 \$320,000 (Phase 1) Completion 9/30/08 Technical Contact Ron Lewis (360) 705-7396 FHWA or Other Technical Contact Sheila Duwadi FHWA or Other Technical Contact Sheila Duwadi On schedule Status On revised schedule Ahead of schedule Behind schedule Work Completed \$4,000,000 \$320,000 (Phase 1) Objective To assess the damage done to precast, prestressed girder bridges from a blast and to develop	Project Title		Agmt./Task No.	Item No.	Agency Bgt. No.
Start Date Estimated Completion Start Date Start Date Completion Start Date Completion Start Date Sta	TPF-5(115) Blast Testing of Full-Scale, Precast,		GCA5106		
US Army ERDC Principal Investigator(s) James Ray, US Army Ron Lewis (360) 705-7396 WSDOT Program Manager Kim Willoughby (360) 705-7978 FHWA or Other Technical Contact Sheila Duwadi Funding Source CA, FL, NY, OR, PA, TX, WA, WI Research Area Bridge and Structures, Transportation Security Original Estimated Cost \$1,000,000 \$320,000 (Phase 1) Completion 9/30/08 Technical Contact Ron Lewis (360) 705-7396 FHWA or Other Technical Contact Sheila Duwadi Ahead of schedule On revised schedule Behind schedule Work Completed 98 Work Completed 95% Objective To assess the damage done to precast, prestressed girder bridges from a blast and to develop	Prestressed Concrete G	irder Bridges			
Principal Investigator(s) James Ray, US Army WSDOT Program Manager Kim Willoughby (360) 705-7978 FHWA or Other Technical Contact Sheila Duwadi Funding Source CA, FL, NY, OR, PA, TX, WA, WI Research Area Bridge and Structures, Transportation Security Original Estimated Cost \$1,000,000 \$320,000 (Phase 1) Technical Contact Ron Lewis (360) 705-7396 FHWA or Other Technical Contact Sheila Duwadi On schedule On revised schedule Ahead of schedule Behind schedule Work Completed \$4,000,000 \$320,000 (Phase 1) Objective To assess the damage done to precast, prestressed girder bridges from a blast and to develop	Research Agency		Start Date		Revised Completion
James Ray, US Army Ron Lewis (360) 705-7396	US Army ERDC		05/01/05	9/30/08	
WSDOT Program Manager Kim Willoughby (360) 705-7978 Funding Source CA, FL, NY, OR, PA, TX, WA, WI Research Area Bridge and Structures, Transportation Security Original Estimated Cost	Principal Investigator(s)		Technical Contact		
Kim Willoughby (360) 705-7978 Sheila Duwadi Funding Source Schedule Status CA, FL, NY, OR, PA, TX, WA, WI □ On schedule □ Ahead of schedule □ Behind schedule Research Area Bridge and Structures, Transportation Security Original Estimated Cost \$\frac{1}{2}\$\$ \$\frac{1}{	James Ray, US Army		Ron Lewis (360) 705-7396		
Funding Source CA, FL, NY, OR, PA, TX, WA, WI Research Area Bridge and Structures, Transportation Security Original Estimated Cost	WSDOT Program Manager		FHWA or Other Technical Contact		
CA, FL, NY, OR, PA, TX, WA, WI Research Area Bridge and Structures, Transportation Security Original Estimated Cost \$\text{Revised Cost}\$ \$\text{\$% Funds Expended}\$ \$\text{\$% Work Completed}\$ \$\text{\$95\%}\$ Objective To assess the damage done to precast, prestressed girder bridges from a blast and to develop			Sheila Duwadi		
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\$1,000,000 \$320,000 (Phase 1) 100% 95% Objective To assess the damage done to precast, prestressed girder bridges from a blast and to develop	Bridge and Structures, 1	ransportation Security			
Objective To assess the damage done to precast, prestressed girder bridges from a blast and to develop	Original Estimated Cost	Revised Cost	% Funds Expend	ded %	Work Completed
To assess the damage done to precast, prestressed girder bridges from a blast and to develop	\$1,000,000	\$320,000 (Phase 1)	100%		95%
	Objective				
recommendations for possible mitigation measures that would harden this type of bridge blast	recommendations for po				-

Project Progress:

The blast testing occurred on October 9th through the 11th in Pueblo, Colorado.

The draft reports from both the US Army and Washington State University have been received and distributed for comment.

New Period Proposed Activity:

No new work will be done on this project. It will be wrapped up after the reports are complete.

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