

<i>Project Title</i> Subsurface Drainage for Landslide and Slope Stabilization		<i>Agmt./Task No.</i> GCA6381	<i>Item No.</i>	<i>Agency Bgt. No.</i>
<i>Research Agency</i> WSU/Desert Research Institute (DRI)		<i>Start Date</i> 3/2007	<i>Estimated Completion</i> 12/2010	<i>Revised Completion</i> 6/2011
<i>Principal Investigator(s)</i> Balasingam Muhunthan (WSU) and Greg Pohll (DRI)		<i>Technical Contact</i> Tom Badger 360.709.5461		
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<i>Funding Source</i> CA, MD, MS, MT, NH, OH, PA, TX, WA, WY		<i>Schedule Status</i> <input type="checkbox"/> On schedule <input type="checkbox"/> Ahead of schedule <input checked="" type="checkbox"/> On revised schedule <input type="checkbox"/> Behind schedule		
<i>Research Area</i> <input type="checkbox"/> Bridges & Structures <input type="checkbox"/> Environment <input checked="" type="checkbox"/> Highway Design & Safety <input type="checkbox"/> Mobility & Intermodal Planning <input checked="" type="checkbox"/> Operations & Materials <input type="checkbox"/> Traffic & Intelligent Transportation Systems Evaluation				
<i>Original Estimated Cost</i> \$ 300,000	<i>Revised Cost</i>	<i>% Funds Expended</i> 45%	<i>% Work Completed</i> 50%	
<i>Objective</i> (1) Provide best practices and guidance for subsurface drainage applications for slope stabilization, including subsurface investigation and testing, groundwater-flow characterization, analysis, drain configurations and design, installation methods, monitoring, and maintenance. (2) Evaluate new applications of existing materials and technologies, such as trenchless technologies (horizontal directional drilling, micro tunneling, guided boring, etc.) and other innovative technologies and materials, for stabilizing slopes using subsurface drainage.				

Project Progress:

Primary goal was to finalize the year 2 scope of work for developing the design guidelines. After the last meeting, the project team incorporated comments received and modified the year 2 proposal. Specific sites were selected.

A contract extension is in progress for the year 2 work.

New Period Proposed Activity:

The year 2 work will begin.