

<i>Project Title</i> <b>SPR-3(098) Simulation Software for Constructability Analysis</b>		<i>Agmt./Task No.</i> <b>GCA2103-02</b>	<i>Item No.</i> <b>00-946</b>	<i>Agency Bgt. No.</i> <b>18480-0013</b>
<i>Research Agency</i> <b>University of California Berkeley</b>		<i>Start Date</i> <b>10/1/00</b>	<i>Estimated Completion</i> <b>12/31/01</b>	<i>Revised Completion</i> <b>2/28/09</b>
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<i>Funding Source</i> <b>WA, CA, TX, MN</b>		<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>Original Estimated Cost</i> <b>\$196,795</b>	<i>Revised Cost</i> <b>\$614,399</b>	<i>% Funds Expended</i> <b>78%</b>	<i>% Work Completed</i> <b>78%</b>	
<i>Objective</i> <b>Develop construction analysis software that can consider several pavement design options along with construction scheduling, resource constraints, traffic management, and user-delays.</b>				

**Project Progress:**

1. The version 2.0 of CA4PRS is completed to add the work zone traffic analysis module with supports from FHWA (Dr. Sivanaswaran)).
2. Caltrans IT recently added CA4PRS into the standard for its statewide implementation. FHWA formally endorsed CA4PRS as a "Priority, Market-Ready Technologies and Innovations" product for national wide deployment.
3. A number of CA4PRS 3-day hands-on trainings with the new version (V2.0) was delivered to Caltrans project teams in the metro districts (D4 (Oakland), D6 (Fresno), D7 (LA), and D12 (Orange)) by EB Lee.

**New Period Proposed Activity:**

1. More nationwide outreach for CA4PRS with FHWA and Caltrans will be pursued, especially Caltrans will continue its coordination with FHWA to arrange CA4PRS free group license for 50 state DOTs.
2. Work will continue fine tune the version 2.0 (work zone traffic module).
3. A few more hands-on training (3-day workshops) for Caltrans metro districts are scheduled.
4. CA4PRS online training course development starts as soon as the RFP process in WSDOT is done.
5. The CA4PRS enhancement for the version 2.5 (to add the roadway widening module) is expected to be initiated.