Project Title	*Agmt./Task No.*	*Item No.*	*Agency Bgt. No.*
SPR-3(098) Simulation Software for Constructability Analysis	**GCA2103-02**	**00-946**	**18480-0013**
Research Agency	*Start Date*	*Estimated Completion*	*Revised Completion*
University of California Berkeley	**10/1/00**	**12/31/01**	**6/30/09**

Principal Investigator(s)	*Technical Contact*
Carl Monismith (510) 665-3560 **EB Lee (510) 665-3637**	**Jeff Uhlmeyer (360) 709-5485**
WSDOT Program Manager	*FHWA or Other Technical Contact*
Kim Willoughby (360) 705-7978	
Funding Source	*Schedule Status*
WA, CA, TX, MN	☐ On schedule ☐ Ahead of schedule ☒ On revised schedule ☐ Behind schedule

Original Estimated Cost	*Revised Cost*	*% Funds Expended*	*% Work Completed*
$196,795	**$614,399**	**78%**	**78%**

Objective

Develop construction analysis software that can consider several pavement design options along with construction scheduling, resource constraints, traffic management, and user-delays.

Project Progress:

1. The version 2.1 of CA4PRS is being completed (currently in the final touch stage) to add the cost estimate module with support from FHWA (Siva).
2. The CA4PRS task order (WSDOT-UCB) is being extended for the enhancements (Version 2.5 for widening and Version 3.0 for Precast), and the master agreement was renewed accordingly.
3. A number of CA4PRS hands-on trainings with the new version (V2.1) was delivered to Caltrans project teams (D3 Fresno and D11 San Diego), participating DOT (Minnesota), and FHWA sponsored DOT (Wisconsin) by EB Lee.
4. Outreach for CA4PRS in conjunction with AASHTO/TIG CAST was done, including exhibit in the 2008 TCM conference in Orlando (FL) in Feb 9-13, 2009.

New Period Proposed Activity:

1. More nationwide outreach for CA4PRS with FHWA, Caltrans, and AASHTO will be continued.
2. The version 2.1 with the cost estimate module will be finalized by next quarter.
3. A few more hands-on trainings (3-day workshops) for Caltrans districts, and one-day introductory trainings for other DOTs (MI/IN/CO/MO/MD/GA/MS/LA…) are scheduled to provide by EB Lee.
4. CA4PRS online training course development will start as soon as the RFP process in WSDOT is done.
5. The CA4PRS enhancement for the version 2.5 (Widening module) and 3.0 (Precast module) will start.