Project Title		Agmt./Task No.	Item No.	Agency Bgt. No.
SPR-3(098) Simulation Software for		GCA2103-02	00-946	18480-0013
Constructability Analysis				
Research Agency		Start Date	Estimated Completion	Revised Completion
University of California Berkeley		10/1/00	12/31/01	6/30/08
Principal Investigator(s)		Technical Contact		
Carl Monismith (510) 665-3560		Linda Pierce (360) 709- 5470		
WSDOT Program Manager		FHWA or Other Technical Contact		
Kim Willoughby (360) 705-7978		Cathy Nicholas		
Funding Source		Schedule Status		
WA, CA, TX, MN		☐ On schedule ☐ Ahead of schedule ☐ Behind schedule		
Original Estimated Cost	Revised Cost	% Funds Exper	adad 04	Work Completed
		•	men /0	1
\$196,795	\$614,399	70%		70%
Objective		1	1	

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. Some progress was made on the version 2.0 of CA4PRS (especially to code the interfaces with supports from FHWA (Dr. Sivanaswaran)), and it is expected that version 2.0 will be completed within the next quarter.
- 2. EB Lee and Caltrans provided a CA4PRS presentation and a live software demonstration to several State DOT's through a FHWA/WASHTO webinar on Jan 8th, 2008.
- 3. A few CA4PRS 2-day hands-on trainings were delivered to Caltrans project teams in the metro districts (D4 (Oakland), D7 (LA), and D8 (San Bernardino)) by EB Lee.

New Period Proposed Activity:

- 1. More nationwide outreach for CA4PRS with FHWA and Caltrans will be pursued.
- 2. The CA4PRS version 2.0 (the work-zone traffic analysis module) is expected to be completed by next guarter. Work will continue on the version 2.0 for the cost estimate module.
- 3. A few more of the version 2.0 hands-on training (3-day workshops) for Caltrans metro districts will be scheduled.
- 4. The CA4PRS enhancement for the version 2.5 (to add the roadway widening module) is expected to be initiated.

Page 1 5/6/2008