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	1/31/08
Principal Investigator(s)		Technical Contact		
Carl Monismith (510) 231-9587		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	nded %	Work Completed
\$196,795	\$614,399	40%		45%
<i>Objective</i>				

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

Project Progress:

The four states of the State Pavement Technology Consortium (SPTC) agreed to produce versions 1.5 and 2.0, which includes a User Manual and additional training as needed. Version 1.5 includes enhancements to version 1.0 (includes improving the user-friendliness and the use of generic terminology), addition of more options into the rehabilitation schemes (i.e. mill and fill, continuously reinforced concrete pavement (CRCP), dowel bar retrofit (DBR)), and includes additional analysis techniques. Version 2.0 would add traffic and cost analysis modules and a contracting schedule baseline.

Version 1.5a is available and work is continuing on Version 1.5b. The programmer changed jobs (now works for the FHWA) and will most likely be available at a reduced rate on this project. Refer to the following website for updates: http://www.dot.ca.gov/research/roadway/ca4prs/.

Training has taken place in California (Caltrans) for version 1.5a and has been well-received. EB Lee will contact the other three states shortly to schedule training.

New Period Proposed Activity:

Continue work on Version 1.5b and perform training as needed.

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