Project Title		Agmt./Task No.	Item No.	Agency Bgt. No.
SPR-3(098) Simulation Software for		GCA2103-02	00-946	18480-0013
<b>Constructability Analysis</b>	<b>`</b>			
Research Agency		Start Date	Estimated Completion	Revised Completion
University of California Berkeley		10/1/00	12/31/01	1/31/07
Principal Investigator(s)		Technical Contact		
<b>Carl Monismith</b> (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 Expen	nded %	Work Completed
\$196,795	\$606,795	34%		35%
Objective				

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

## **Project Progress:**

Version 1.0 of the software was sent to each of the four participating states. Training was conducted in each of the states (2 each in WA, MN, and TX, and 7 in CA).

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.

## **New Period Proposed Activity:**

Software enhancements have been funded and will begin in the next quarter.

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