

<i>Project Title</i> SPR-3(098) Simulation Software for Constructability Analysis		<i>Agmt./Task No.</i> GCA2103-02	<i>Item No.</i> 00-946	<i>Agency Bgt. No.</i> 18480-0013
<i>Research Agency</i> University of California Berkeley		<i>Start Date</i> 10/1/00	<i>Estimated Completion</i> 12/31/01	<i>Revised Completion</i> 1/31/07
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<i>Funding Source</i> WA, CA, TX, MN		<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> \$196,795	<i>Revised Cost</i> \$614,399	<i>% Funds Expended</i> 33%	<i>% Work Completed</i> 35%	
<i>Objective</i> Develop construction analysis software that can consider several pavement design options along with construction scheduling, resource constrains, 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.

Work has begun on Version 1.5 and additional training has been coordinated in California.

New Period Proposed Activity:

Continue work on Version 1.5 and perform training as needed.