

**State Planning and Research Program
Oregon Department of Transportation Progress Report**

PROJECT TITLE: Animal-Vehicle Crash Mitigation Using Advanced Technologies		
PROJECT MANAGER: Kevin Haas Research Group Oregon Department of Transportation 200 Hawthorne Ave. Suite B-240 Salem, OR 97301 (503) 986-2848	SPR Project No. SPR-0003(076)	Project is: <u> </u> PLANNING <u> X </u> RESEARCH & DEVELOPMENT
Annual Budget Budget for FY2001 Cost to Date for FY2001	Multi Year Project Total Budget for Project \$750,000.00 Total Cost to Date for Project \$540,604.54	
DESCRIPTION OF WORK PERFORMED FOR THIS BILLING:		
<p>Site 1 (Yellowstone National Park, Montana): Posts specified by Sensor Technologies and Systems (STS) were not strong enough to withstand the wind loads. System was redesigned and split into two poles, with the solar panel on one and the rest of the equipment on the other. Planning to hire a contractor to install the system before first winter snowfalls. Montana Department of Transportation (MDT) has scheduled time to provide traffic control and other assistance.</p> <p>Site 2 (Pennsylvania): Contract signed with Oh Deer. They have met with PENNDOT several times including a site visit. Pat Wright, a WTI researcher, has been working closely with PENNDOT and Oh Deer to ensure a timely successful installation. In the process of signing MOU with PENNDOT.</p> <p>Change in Staffing: As of August 30, Pat McGowen was cut to half time at WTI in order to pursue a PhD in Civil Engineering with a transportation focus. Correspondingly, his project load was reduced. In regards to the Animal Vehicle Pooled Fund project, WTI recently hired a researcher, Marcel Huijser to take over the Principal Investigator role for the project. Pat will maintain an active role until site 1 is deployed. At that time he will be reduced to an advisory role. Marcel will take over the project management and evaluation efforts of this project. Pat Wright, a WTI researcher, has been and will continue to work with Oh Deer and PENNDOT to ensure that site 2 is deployed. Marcel will also have support from other WTI and MSU staff including Lynn Irby (Ecologist Faculty), Jim Becker (Electrical Engineering Faculty), and Amanda Hardy (Research Ecologist). Marcel will also be taking over the RADS testbed (administered by Montana DOT not ODOT) which is scheduled to start this fall.</p>		
DESCRIPTION OF WORK EXPECTED TO BE PERFORMED DURING NEXT QUARTER:		
<ul style="list-style-type: none"> • Execute Interstate Agreement extension with WTI due to delays in installation for sites 1 and 2 • Installation and acceptance of site 1 • Finalize design on site 2 		

STATUS AND COMPLETION DATE

Percentage of work completed to date for total project

Project is:

___ on schedule X behind schedule, explain:

Significant delays have resulted from setbacks in designing and installing the first Animal-Vehicle system in Yellowstone National Park in Montana. The timeline for the entire project has been pushed back 24 months.

Expected Completion Date: December 31, 2004

Project Manager