

**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 Unit 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 FY2003 Cost to Date for FY2003	Multi Year Project Total Budget for Project \$915,000.00 Total Cost to Date for Project \$676,743.89	

DESCRIPTION OF WORK PERFORMED FOR THIS BILLING:

Task 1: Identify potential advanced technology systems 100% complete

This task is complete

Task 2: Locate potential study sites 100% complete

Task complete

Task 3: Document existing site conditions 60% complete

No progress on this task

Task 4: Implement and test systems 65% complete

Yellowstone

1. On June 4, 2003 a teleconference was held between Western Transportation Institute (WTI), legal advisors of Montana State University (MSU) and Oregon Department of Transportation (ODOT). Decision was made to develop a work schedule for vendor, Sensor Technologies and Systems (STS), with certain deliverables since such a schedule had yet to arrive from STS.
2. On June 27, 2003 schedule was received from STS. Letter from WTI and STS's schedule had crossed in the mail.
3. WTI responded to the schedule presented by STS and additional questions of STS.
4. Montana Department of Transportation (MDT) got word from STS that they plan to come out to the Yellowstone site on July 22, 2003. WTI had not been informed of this, but did ask STS to come out earlier than mid-September. WTI asked STS to once again to identify a main contact person to ensure efficient communication.
5. The current status is that STS has resumed working on the system and aims to have a working system before October 2003. WTI is working on the details of certain deliverables and their due dates with STS.

Pennsylvania

1. It appears that the vendor, Oh Deer, has now delivered all the requested information to E&K, a consultant engineering firm working on plans for the Pennsylvania site.
2. E&K expect to finalize and approve of the plans within 1-2 weeks from now. Once a formal letter of approval has been sent to E&K, the installation can be scheduled.
3. Oh Deer and the Pennsylvania Department of Transportation (PennDOT) are preparing for installation already. Oh Deer has now received the chips for the circuit boards and they are putting the hardware together in preparation of installation.

Task 5: Collect post-implementation site data 12% complete

No progress on this task during the reporting period.

Task 6: Evaluate system effectiveness, acceptance and performance 2% complete

No progress on this task during the reporting period.

Task 7: Produce final report 0% complete

No progress on this task during the reporting period.

Additional Work / Issues

The actual co-ordination between all the organizations and people involved for the Yellowstone site as well as the Pennsylvania site continues to be much more labor intensive than anticipated.

DESCRIPTION OF WORK EXPECTED TO BE PERFORMED DURING NEXT QUARTER:

- **Monitor repairs to Yellowstone site and installation of the Pennsylvania site**
- **Initiate acceptance testing of the system**

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. An amendment to the Intergovernmental Agreement (IGA) between ODOT, acting on the behalf of the pooled fund states as lead agency, and WTI was executed on May 30, 2003 extending the completion date for the project to December 31, 2004 and increasing the authorized budget to \$915,000. The increased budget recognizes additional contributions to the project from 3 additional states (Alaska, Kansas, Pennsylvania).

Expected Completion Date: December 31, 2004

Project Manager