

**QUARTER 1 2008**

**ANIMAL VEHICLE CRASH MITIGATION USING ADVANCED TECHNOLOGY**

**PHASE II**

SPR 3(076) & Misc. Contract & Agreement No. 17,363

for

Oregon Department of Transportation  
Research Unit  
200 Hawthorne SE, Suite B-240  
Salem OR 97310

and

Federal Highway Administration  
400 Seventh Street SW  
Washington, DC 20590

and

Departments of Transportation of California, Indiana, Iowa, Kansas, Maryland, Montana, Nevada, New Hampshire, New York, North Dakota, Pennsylvania, Wisconsin, and Wyoming

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***Monthly report Animal-vehicle pooled fund study***

**JANUARY**

**2008**

**Task 1: Site survey 100%**

**Task 2: Modifications to system 90%**

**Task 3: Confirmation of system modifications 50%**

**Task 4: System reliability 10%**

The modem was replaced on 7 Jan.

STS is creating a master board that may be swapped so that the original master board can be examined.

**Task 5: System effectiveness 20%**

**Task 6: System acceptance 15%**

Data continued to be collected through the website.

**Task 7: Information to project partners 69% (month 25 out of 78)**

**Task 8: System removal 0%**

Marcel Huijser

## ***Monthly report Animal-vehicle pooled fund study***

### ***FEBRUARY***

***2008***

General

TAC meeting was set at 14-16 July in Big Sky.

**Task 1: Site survey            100%**

**Task 2: Modifications to system            90%**

**Task 3: Confirmation of system modifications            50%**

**Task 4: System reliability 20%**

STS sent replacement equipment for some sensors and circuit board master station. MDT assisted WTI with installation.

The original master board was sent to STS for evaluation. It had a loose solder joint. It was reinstalled with help from MDT.

Some beams (0/1) are still reporting false detections. It appears that the gain has to be reset.

**Task 5: System effectiveness    20%**

**Task 6: System acceptance        15%**

Data continued to be collected through the website.

**Task 7: Information to project partners            81% (month 26 out of 32)**

**Task 8: System removal 0%**

Marcel Huijser

## ***Monthly report Animal-vehicle pooled fund study***

**MARCH**

**2008**

General

WTI provided details for travel and stay for the TAC meeting

**Task 1: Site survey 100%**

**Task 2: Modifications to system 90%**

**Task 3: Confirmation of system modifications 50%**

**Task 4: System reliability 30%**

Some sensors are covered by snow. This results in those beams shutting down; i.e. they no longer detect large animals that approach the road, but they also don't continuously produce false positives.

Gains were adjusted.

**Task 5: System effectiveness 20%**

**Task 6: System acceptance 20%**

Data continued to be collected through the website.

**Task 7: Information to project partners 84% (month 27 out of 32)**

**Task 8: System removal 0%**

Marcel Huijser