



**SPR Quarterly Progress Report**  
April 1, 2008 through June 30, 2008

Date June 30, 2008

**TO:** Technical Advisory Committee Members:

Michelle Eraut, FHWA  
Matthew Mabey, ODOT  
Chris Maguire, ODOT  
Tim Swift, ODOT  
Rick Williams, ODOT  
Simon Wray, ODFW

**FROM:** Matthew Mabey, Research Coordinator (ph: (503) 986-2847)

**1. Project**

Wildlife Movement Study  
SPR 638

**2. Key Dates**

Start Date for ODOT: April 6, 2005  
Completion Date for ODOT: June 30, 2010

**3. Principal Investigator**

DeWaine Jackson, ODFW

**4. Progress**

- Road Kill Surveys continue on the 150 miles of highway being monitored in the study area (a 100-mile section of Highway 97 and a 50-mile section of Highway 31). Greater than 1,000 deer-vehicle collisions have been recorded since the initiation of the study in summer 2005. As expected the peaks of the deer-vehicle collisions tend to be during the migration season (fall and spring) although there is consistent documentation throughout the summer months as well. The gender and age ratios continue to mirror the previous results, approximately 64% female and 56% adults (of the carcasses that we are able to determine sex and age). Currently we are attempting to collar more deer in the summer range units. A total of 279 deer have been radio-collared since the beginning of the study (63 males, 216 females). Of these collared deer 95 have died from various mortality causes. A total of 84 radio-collars have come off in non-mortality circumstances (scheduled drop offs, broken collars, etc.). The current monitoring status is 100 radio-collared deer, >75% with GPS collars. Preliminary results of the study have been presented at the Oregon Chapter of the Wildlife Society annual meetings and to various stakeholder groups.

**5. Problems**

- No significant problems this reporting period

**6. Work Planned for Next Quarter**

1. Continue monitoring radio-collared deer. Recover additional GPS collars that are scheduled to break-off as designed.
2. Analyze spring 2008 road-kill deer data.
3. Continue downloading GPS collars and analyze location data.
4. Conduct additional deer capture on summer range sections.

**7. Finances**

**SPR Project Summary**

<b>VENDOR</b>	<b>FY05</b>	<b>FY06</b>	<b>FY'07</b>	<b>FY'08</b>	<b>TOTALS</b>
ORIGINAL BUDGET	\$ -	\$ -	\$ -		\$ -
<b>REVISED BUDGET</b>	\$ -	\$ -	\$ -		\$ -
EXPENDITURES - VENDOR	\$ -	\$ -	\$ -	\$ -	\$ -
<b>BALANCE</b>	\$ -	\$ -	\$ -	\$ -	\$ -

<b>ODOT</b>	<b>FY05</b>	<b>FY06</b>	<b>FY'07</b>	<b>FY'08</b>	<b>TOTALS</b>
ORIGINAL BUDGET	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 100,000
<b>REVISED BUDGET</b>	\$ 4,134	\$ 106,007	\$ 4,534	\$ 6,500	\$ 121,175
EXPENDITURES - ODOT	\$ 4,134	\$ 106,007	\$ 4,534	\$ 5,600	\$ 120,275
<b>BALANCE</b>	\$ -	\$ -	\$ -	\$ 900	\$ -

<b>PROJECT</b>	<b>FY05</b>	<b>FY06</b>	<b>FY'07</b>	<b>FY'08</b>	<b>TOTALS</b>
ORIGINAL BUDGET	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 100,000
<b>REVISED BUDGET</b>	\$ 4,134	\$ 106,007	\$ 4,534	\$ 6,500	\$ 121,175
EXPENDITURES - PROJECT	\$ 4,134	\$ 106,007	\$ 4,534	\$ 5,600	\$ 120,275
<b>BALANCE</b>	\$ -	\$ -	\$ -	\$ 900	\$ 900