



OREGON DEPARTMENT OF TRANSPORTATION

Research Unit  
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SPR Quarterly Progress Report  
January 1, 2007 through March 31, 2007

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Date April 4, 2007

TO: Technical Advisory Committee Members:  
Chris Maguire, ODOT Simon Wray, ODF  
Elton Chang, FHWA Tim Swift, ODOT  
Rick Williams, ODOT

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**

Finished winter trap capture and spring helicopter capture. Radio-marked an additional 49 deer in March 2007, via helicopter capture. Below is a summary of the total number of “marking units” by 3 generalized areas within the study, the number of collars designated to be distributed in these areas, and the progress thus far.

2005-2007 Capture Summary

Area	# of Units	# of Collars	Collars Deployed	Collars To Deploy
Bend	104	107	89	18
Silver Lake	93	103	80	23
Klamath	34	34	6	28
Total	231	244	175	69
Plus fawns			9	
Total collars			184	

5. **Problems**

- Difficulty in scheduling aerial monitoring flights

6. **Work Planned for Next Quarter**

- Continued monitoring of radio-marked deer: several of the GPS collars will be breaking-off this summer (as designed). We will be recovering these collars and downloading our first sets of movement data.
- Continue to collect road-killed deer data.
- Additional capture to be conducted on summer range – 30 additional transmitters to deploy.
- Presentation of preliminary data to Oregon Chapter of the Wildlife Society – April 2007.

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	\$ -	\$ -	\$ -		\$ -
REVISED BUDGET	\$ -	\$ -	\$ -		\$ -
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
REVISED BUDGET	\$ 4,134	\$ 106,007	\$ 2,200	\$ 1,500	\$ 113,841
EXPENDITURES - ODOT	\$ 4,134	\$ 106,007	\$ 2,772	\$ -	\$ 112,913
<b>BALANCE</b>	\$ -	\$ -	\$ (572)	\$ 1,500	\$ (572)
<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
REVISED BUDGET	\$ 4,134	\$ 106,007	\$ 2,200	\$ 1,500	\$ 113,841
EXPENDITURES - PROJECT	\$ 4,134	\$ 106,007	\$ 2,772	\$ -	\$ 112,913
<b>BALANCE</b>	\$ -	\$ -	\$ (572)	\$ 1,500	\$ 928