



SPR Quarterly Progress Report
January 1, 2006 through March 31, 2006

Date April 5, 2006

TO: Technical Advisory Committee Members:

Chris Maguire, ODOT
Elton Chang, FHWA
Tim Swift, ODOT
Simon Wray, ODFW
Terry Luther, Warm Springs Tribes
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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

- Currently (1-23-06) monitoring 20 radio-marked mule deer (4 bucks, 16 does). Collar types include 4 Kydex (buck), 3 remote GPS, 2 store-on-board GPS, and 11 standard VHF.
- Three radio-marked bucks and 1 radio-marked doe have died after being marked. Two of the bucks were legally harvested, the doe was shot illegally, and the cause of mortality for the 3rd buck was not determined.
- Average distance moved from capture site to current location (straight line)
 - Bucks = 41.7 miles (67.1 km)
 - Does = 30.8 miles (49.6 km)
 - Combined = 34.4 miles (55.4 km)
- Fall migration dates of radio-marked deer
 - first week of October for 3 deer (1 buck, 2 does)

- first week of November for 2 deer (1 buck, 1 doe)
- middle of November for 1 doe
- Highway crossings of radio-marked deer
 - 6 crossings total (4 on Hwy 97, 2 on Hwy 31)
 - 2 crossings made by 2 does, 4 crossings made by 1 buck
- Highway mortalities of **un-marked** deer during Oct 9, 2005 – Jan 20, 2006
 - 96 deer: (43 females, 22 males, 31 unknown)
 - The week of Oct 16-22 had the highest number of recorded mortalities (28)
 - Of 63 deer mortalities on Hwy 97 recorded between milepost 140 and 230, 20 (32%) occurred between milepost 171 and 190.

5. Problems

- Poor deer trapping success
- Initial coordination (notification) problems with road-killed deer, late start on road-kill monitoring
- Personnel turn-over

6. Work Planned for Next Quarter

- Additional capture
- Additional monitoring of road-killed deer and radio-marked deer
- Hiring additional personnel

7. Finances

SPR Project Summary

VENDOR	FY05	FY06	FY07	FY08	TOTALS
ORIGINAL BUDGET	\$ -	\$ -	\$ -		\$ -
REVISED BUDGET	\$ -	\$ -	\$ -		\$ -
EXPENDITURES - VENDOR	\$ -	\$ -	\$ -	\$ -	\$ -
BALANCE	\$ -	\$ -	\$ -	\$ -	\$ -
ODOT	FY05	FY06	FY07	FY08	TOTALS
ORIGINAL BUDGET	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 100,000
REVISED BUDGET	\$ 4,134	\$ 107,000	\$ 1,500	\$ 1,500	\$ 114,134
EXPENDITURES - ODOT	\$ 4,134	\$ 105,163	\$ -	\$ -	\$ 109,297
BALANCE	\$ -	\$ 1,837	\$ 1,500	\$ 1,500	\$ 3,337
PROJECT	FY05	FY06	FY07	FY08	TOTALS
ORIGINAL BUDGET	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 100,000
REVISED BUDGET	\$ 4,134	\$ 107,000	\$ 1,500	\$ 1,500	\$ 114,134
EXPENDITURES - PROJECT	\$ 4,134	\$ 105,163	\$ -	\$ -	\$ 109,297
BALANCE	\$ -	\$ 1,837	\$ 1,500	\$ 1,500	\$ 4,837