



OREGON DEPARTMENT OF TRANSPORTATION

Research Unit  
200 Hawthorne, Ste., B-240  
Salem, OR 97301

**SPR Quarterly Progress Report**  
April 1, 2009 through June 30, 2009

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Date July 2, 2009

**TO:** Technical Advisory Committee Members:  
Kevin Haas, ODOT Traffic Investigations Engineer  
Gary Obery, ODOT  
Scott Cramer, ODOT  
Nick Fortey, FHWA

**FROM:** Mark Joerger, Senior Research Analyst; phone: (503) 986-3464

**1. Project**

Safety & Operations of High-Speed Signalized Intersections  
SPR # 660

**2. Key Dates**

Start Date for ODOT: February 11, 2008  
Completion Date for ODOT: July 31, 2009

**3. Principal Investigator**

Karen Dixon, Ph.D., P.E., Associate Professor (PI)  
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**4. Progress**

- Completed remaining literature review activities
- Developed a case study (crashes & site characteristics) assessment method
- Evaluated approximately 35% of state rural high-speed intersections via video and recorded traffic control measures used at high-speed locations
- Prepared Draft Interim Report

5. **Problems**

- The project has fallen behind schedule and needs a no-cost extension.

6. **Work Planned for Next Quarter**

- Submit Interim Report (July 2009)
- Have a Technical Advisory Committee meeting (August 2009)
- Continue video analysis task

7. **Finances**

SPR Project Summary

<b>VENDOR</b>	<b>FY'08</b>	<b>FY'09</b>	<b>FY'10</b>	<b>FY11</b>	<b>TOTALS</b>
ORIGINAL BUDGET	\$ 40,000	\$ 65,000			\$ 105,000
<b>REVISED BUDGET</b>	\$ 24,383	\$ 43,020	\$ 31,392		\$ 98,795
EXPENDITURES - VENDOR	\$ 24,383	\$ 26,139	\$ -	\$ -	\$ 50,522
<b>BALANCE</b>	\$ -	\$ 16,881	\$ 31,392	\$ -	\$ 48,273
<b>ODOT</b>	<b>FY'08</b>	<b>FY'09</b>	<b>FY'10</b>	<b>FY11</b>	<b>TOTALS</b>
ORIGINAL BUDGET	\$ -	\$ -			\$ -
<b>REVISED BUDGET</b>	\$ 3,516	\$ 2,350	\$ 1,500		\$ 7,366
EXPENDITURES - ODOT	\$ 3,516	\$ 2,350	\$ -	\$ -	\$ 5,866
<b>BALANCE</b>	\$ -	\$ -	\$ 1,500	\$ -	\$ 1,500
<b>PROJECT</b>	<b>FY'08</b>	<b>FY'09</b>	<b>FY'10</b>	<b>FY11</b>	<b>TOTALS</b>
ORIGINAL BUDGET	\$ 40,000	\$ 65,000	\$ -	\$ -	\$ 105,000
<b>REVISED BUDGET</b>	\$ 27,899	\$ 45,370	\$ 32,892	\$ -	\$ 106,161
EXPENDITURES - PROJECT	\$ 27,899	\$ 28,489	\$ -		\$ 56,388
<b>BALANCE</b>	\$ -	\$ 16,881	\$ 32,892	\$ -	\$ 49,773