



OREGON DEPARTMENT OF TRANSPORTATION

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

**SPR Quarterly Progress Report**  
January 1, 2009 through March 31, 2009

ph: 503-986-2700  
fax: 503-986-2844

Date April 1, 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 (ph: (503) 986-3464)

**1. Project**

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

**2. Key Dates**

Start Date for ODOT: 2/11/08  
Completion Date for ODOT: 7/31/09

**3. Principal Investigator**

Karen Dixon, Ph.D., P.E., Associate Professor (PI)  
School of Civil and Construction Engineering  
Oregon State University  
220 Owen Hall  
Corvallis, OR 97331  
Phone: (541) 737-6337  
Email: karen.dixon@oregonstate.edu

**4. Progress**

- Completed draft literature review
- Continued development of a work plan (including sample field testing of speeds)
- Nearing completion of interim report for review by ODOT and TAC

**5. Problems**

- Project is progressing but due to a heavy teaching load by PI, the time schedule has suffered. This extra teaching load is due a faculty member leaving OSU and should only have short-term impacts on Dr. Dixon's schedule. It is likely that OSU will request a no-cost time extension as a result.

**6. Work Planned for Next Quarter**

- Submit Interim Report and Receive feedback from TAC
- Identify study locations and initiate data collection

**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	\$ 66,741	\$ 10,000		\$ 101,124
EXPENDITURES - VENDOR	\$ 24,383	\$ 26,139	\$ -	\$ -	\$ 50,522
<b>BALANCE</b>	\$ -	\$ 40,602	\$ 10,000	\$ -	\$ 50,602
<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	\$ 3,500	\$ 1,500		\$ 8,516
EXPENDITURES - ODOT	\$ 3,516	\$ 1,856	\$ -	\$ -	\$ 5,372
<b>BALANCE</b>	\$ -	\$ 1,644	\$ 1,500	\$ -	\$ 3,144
<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	\$ 70,241	\$ 11,500	\$ -	\$ 109,640
EXPENDITURES - PROJECT	\$ 27,899	\$ 27,995	\$ -		\$ 55,894
<b>BALANCE</b>	\$ -	\$ 42,246	\$ 11,500	\$ -	\$ 53,746