



OREGON DEPARTMENT OF TRANSPORTATION

Research Unit  
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Salem, OR 97301

**SPR Quarterly Progress Report**  
July 1, 2008 through September 30, 2008

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Date September 30, 2008

**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)  
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**4. Progress**

- Completed a draft of the literature review – currently seeking to fill in a few gaps in the literature if possible and review for grammar prior to submitting to ODOT for review
- Began reviewing ODOT databases in an effort to identify a technique to isolate candidate intersections. This proposed site selection procedure (upon refinement) will be included in the interim report to be submitted next quarter.

- Received the laser gun ordered for this project

**5. Problems**

- No problems to report at this time

**6. Work Planned for Next Quarter**

- Submit interim report for review and comment
- Schedule a TAC meeting to discuss proposed data collection techniques and sample size

**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
REVISED BUDGET	\$ 24,383	\$ 76,741			\$ 101,124
EXPENDITURES - VENDOR	\$ 24,383	\$ -	\$ -	\$ -	\$ 24,383
BALANCE	\$ -	\$ 76,741	\$ -	\$ -	\$ 76,741

<b>ODOT</b>	<b>FY'08</b>	<b>FY'09</b>	<b>FY'10</b>	<b>FY11</b>	<b>TOTALS</b>
ORIGINAL BUDGET	\$ -	\$ -			\$ -
REVISED BUDGET	\$ 3,516	\$ 5,000	\$ -		\$ 8,516
EXPENDITURES - ODOT	\$ 3,516	\$ 803	\$ -	\$ -	\$ 4,319
BALANCE	\$ -	\$ 4,197	\$ -	\$ -	\$ 4,197

<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
REVISED BUDGET	\$ 27,899	\$ 81,741	\$ -	\$ -	\$ 109,640
EXPENDITURES - PROJECT	\$ 27,899	\$ 803	\$ -		\$ 28,702
BALANCE	\$ -	\$ 80,938	\$ -	\$ -	\$ 80,938