



**SPR Quarterly Progress Report**  
October 1, 2008 through December 31, 2008

Date January 5, 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)  
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**4. Progress**

- Gave literature review that included a few gaps to student to locate the resources for the gaps and complete.
- Identified some sample high speed signalized intersection locations to perform preliminary crash analysis and determine possible scenarios for further research
- Began developing a work plan for future project study
- Tested laser gun at select intersections

**5. Problems**

- No problems to report at this time

**6. Work Planned for Next Quarter**

- Submit interim report for review and comment (mid-February target)
- Schedule a TAC meeting to review work plan

**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	\$ 26,139	\$ -	\$ -	\$ 50,522
BALANCE	\$ -	\$ 50,602	\$ -	\$ -	\$ 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	\$ -	\$ -			\$ -
REVISED BUDGET	\$ 3,516	\$ 5,000	\$ -		\$ 8,516
EXPENDITURES - ODOT	\$ 3,516	\$ 1,314	\$ -	\$ -	\$ 4,830
BALANCE	\$ -	\$ 3,686	\$ -	\$ -	\$ 3,686

<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	\$ 27,453	\$ -		\$ 55,352
BALANCE	\$ -	\$ 54,288	\$ -	\$ -	\$ 54,288