



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

Date: January 26, 2009

TO: Technical Advisory Committee Members:

Doug Bish, ODOT TEOS
Tim Burks, ODOT TEOS
Ed L Fischer, ODOT Technical Services
Nick Fortey, FHWA
Christopher Henson, ODOT Engineering Services
Anne Holder, ODOT Transportation Safety
Brian Paslay, ODOT Region 4
Kathleen McConnell, ODOT Region 2
June Ross, ODOT Research
Liz Hunt, ODOT Construction Section

FROM: June Ross, Research Coordinator (ph: (503) 986-2846)

1. Project

Evaluating the Effectiveness of the Safety Investment Program Policies
SPR 651

2. Key Dates

Start Date for ODOT: October 2006
Completion Date for ODOT: March 2009

3. Principal Investigator

Christopher Monsere, Ph.D., P.E., Assistant Professor (PI)
Department of Civil and Environmental Engineering
Portland State University
P.O. Box 751
Portland, OR 97207-0751
Phone: 503-725-9746
Email: monsere@pdx.edu

Karen K. Dixon, Ph.D., P.E., Associate Professor (Co-PI)

Department of Civil, Construction, and Environmental Engineering
Oregon State University
220 Owen Hall
Corvallis, Oregon 97331
Phone: (541) 737-6337
Email: kdixon@enr.orst.edu

4. **Progress**

- Data collection for pilot project evaluation (14 projects) complete
- Analysis complete for pilot projects
- Semi-random selection of mixed safety projects from all regions
- Data collection for full study sample complete

Specific task progress

- Task #1: Project Initiation
 - 100 % complete
- Task #2: Literature Review
 - 100 % complete
- Task # 3: SIP Systemic Evaluation
 - 90% complete
- Task #4: SIP Project-Based Evaluation
 - 95% complete
 - TAC meeting held 10.28.08. Feedback incorporated. All pilot projects evaluated.
 - Random sample of 26 projects selected for final evaluation from all regions. All required material assembled.
- Task #5: Recommend Performance Measures for the SIP Program
 - 50% complete.
 - Work progress in parallel with task 3 and 4.

5. **Problems**

- A no-cost extension processed for project for 3.31.09. The research team is devoting resources and effort to in anticipation of completing project on schedule. However, the possibility exists that a final report with required review time from TAC and research project manager will not be accomplished before 3.31.09. We will report progress as appropriate to monitor the project end date.
- I think we need a more complete explanation. Based on the percent completion of the various tasks I question whether we are going to achieve the March 31 date for the final report.

5. **Work Planned for Next Quarter**

Please include more detailed information on the two remaining TAC meetings and what is to be accomplished at each.

- Complete project final report

- Hold TAC meeting on 2/10. TAC comments that were incorporated in the project-based analysis will be presented at meeting. The objective is to approve the method and metrics which will then be applied to the remaining projects. We will engage the TAC to get preliminary ideas on performance metrics at this meeting.
- Schedule final TAC meeting after a review period of final report to review findings from all tasks.

7. **Finances**

SPR Project Summary

VENDOR	FY'07	FY'08	FY'09	FY'10	TOTALS
ORIGINAL BUDGET					\$ -
REVISED BUDGET	\$ 31,177	\$ 67,774	\$ 20,606		\$ 119,557
EXPENDITURES - VENDOR	\$ 31,177	\$ 67,774	\$ -	\$ -	\$ 98,951
BALANCE	\$ -	\$ -	\$ 20,606	\$ -	\$ 20,606

ODOT	FY'07	FY'08	FY'09	FY'10	TOTALS
ORIGINAL BUDGET	\$ 35,000	\$ 70,000			\$ 105,000
REVISED BUDGET	\$ 6,541	\$ 6,063	\$ 5,000		\$ 17,604
EXPENDITURES - ODOT	\$ 6,541	\$ 6,063	\$ 1,604	\$ -	\$ 14,208
BALANCE	\$ -	\$ -	\$ 3,396	\$ -	\$ 3,396

PROJECT	FY'07	FY'08	FY'09	FY'10	TOTALS
ORIGINAL BUDGET	\$ 35,000	\$ 70,000	\$ -	\$ -	\$ 105,000
REVISED BUDGET	\$ 37,718	\$ 73,837	\$ 25,606	\$ -	\$ 137,161
EXPENDITURES - PROJECT	\$ 37,718	\$ 73,837	\$ 1,604		\$ 113,159