



SPR Quarterly Progress Report
January 1, 2008 through March 31, 2008

Date: March 26, 2008

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
Joel McCarroll, 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: June 2008

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**

- Task 1: Literature Review 100% Done
- Task 2: Interim Report 100% Done
- Task 3: SIP Systemic Evaluation 70% done
 - OSU - Systemic Evaluation – GIS Based analysis
 - OSU developed tools for analysis. All previous STIP projects in the tool and have been evaluated
 - PSU - Project Level Evaluation
 - All sample project data except financial records for project obtained. A ODOT contact has been provided
- Task 4: SIP Project-Based Evaluation – 50% complete
 - See OSU tasks in the pilot study, PSU still waiting to complete pilot study to proceed
- Task 5: Recommend Performance Measures for the SIP Program – 0% complete
 - Not yet started

5. **Problems**

- Effort to obtain financial data unsuccessful; alternate plan devised.
- After spending a significant amount of time, it appears that OTREC/ODOT budget issues have been resolved.
- The Principal Investigators met with the Research Coordinator and ODOT Traffic/Roadway staff to review project status and determine if changes in the work plan were needed due to changes in policies affecting the SIP program. It was determined that the current work plan was adequate but that the project end date should be extended. It was also decided that a TAC meeting should be held as soon as possible to update the TAC on work being done on Tasks 3 and 4.

6. **Work Planned for Next Quarter**

- Extend project no-cost to Dec 2008 (final report in September)
- Obtain financial data from contractor payments, finish pilot evaluation.
- Start PSU part of Task#4 and complete OSU part of #4. PSU has obtained project scope date needed for analysis.
- Start Task #5
- A TAC meeting has been scheduled for May 28th.

7. **Finances**
 SPR Project Summary

VENDOR	FY'07	FY'08	FY'09	FY'10	TOTALS
ORIGINAL BUDGET					\$ -
REVISED BUDGET	\$ 31,177	\$ 37,023			\$ 68,200
EXPENDITURES - VENDOR	\$ 31,177	\$ 2,561	\$ -	\$ -	\$ 33,738
BALANCE	\$ -	\$ 34,462	\$ -	\$ -	\$ 34,462

ODOT	FY'07	FY'08	FY'09	FY'10	TOTALS
ORIGINAL BUDGET	\$ 35,000	\$ 70,000			\$ 105,000
REVISED BUDGET	\$ 6,541	\$ 6,500	\$ 5,000		\$ 18,041
EXPENDITURES - ODOT	\$ 6,541	\$ 4,211	\$ -	\$ -	\$ 10,752
BALANCE	\$ -	\$ 2,289	\$ 5,000	\$ -	\$ 7,289

PROJECT	FY'07	FY'08	FY'09	FY'10	TOTALS
ORIGINAL BUDGET	\$ 35,000	\$ 70,000	\$ -	\$ -	\$ 105,000
REVISED BUDGET	\$ 37,718	\$ 43,523	\$ 5,000	\$ -	\$ 86,241
EXPENDITURES - PROJECT	\$ 37,718	\$ 6,772	\$ -		\$ 44,490
BALANCE	\$ -	\$ 36,751	\$ 5,000	\$ -	\$ 41,751