



OREGON DEPARTMENT OF TRANSPORTATION

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

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

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Date March 9, 2009

TO: Technical Advisory Committee Members:
Rene Renteria, Oregon Department of Transportation
Norris Shippen, Oregon Department of Transportation
Jim Huddleston, Asphalt Paving Association of Oregon
Anthony Boesen, Federal Highway Administration

FROM: Norris Shippen, Research Coordinator (ph: (503) 986-3538)

1. Project

Mechanistic Pavement Design Instrumentation
SPR # 672

2. Key Dates

Start Date for ODOT:
Completion Date for ODOT:

3. Principal Investigator

Todd Scholz
School of Civil and Construction Engineering
100 Merryfield
Oregon State University
Corvallis, OR 97331

4. Progress

- Completed the data acquisition software. Continued development of the post-processing (data reduction automation) software.
- Doug Meeuwse (grad student) received training from Eric Brooks on how to run the weigh-in-motion software and data acquisition system
- Collected data from the I-5 and Redmond sites in late October and early December

5. **Problems**

- The grad student hired to assist with finalizing the previous project (for M-E design inputs) failed to perform academically as well as on the project, so he was let go.

6. **Work Planned for Next Quarter**

- Continue refinement of the post-processing software
- Continue data collection at the I-5 and Redmond sites
- Core and test the Redmond site with the FWD

7. **Finances**

SPR Project Summary

VENDOR	FY'08	FY'09	FY'10	FY11	TOTALS
ORIGINAL BUDGET					\$ -
REVISED BUDGET	\$ -	\$ 48,500	\$ 28,281		\$ 76,781
EXPENDITURES - VENDOR	\$ -	\$ 15,883	\$ -	\$ -	\$ 15,883
BALANCE	\$ -	\$ 32,617	\$ 28,281	\$ -	\$ 60,898

ODOT	FY'08	FY'09	FY'10	FY11	TOTALS
ORIGINAL BUDGET	\$ 87,500	\$ 87,500			\$ 175,000
REVISED BUDGET	\$ 2,205	\$ 9,500	\$ 2,500		\$ 14,205
EXPENDITURES - ODOT	\$ 2,205	\$ 8,936	\$ -	\$ -	\$ 11,141
BALANCE	\$ -	\$ 564	\$ 2,500	\$ -	\$ 3,064

PROJECT	FY'08	FY'09	FY'10	FY11	TOTALS
ORIGINAL BUDGET	\$ 87,500	\$ 87,500	\$ -	\$ -	\$ 175,000
REVISED BUDGET	\$ 2,205	\$ 58,000	\$ 30,781	\$ -	\$ 90,986
EXPENDITURES - PROJECT	\$ 2,205	\$ 24,819	\$ -		\$ 27,024
BALANCE	\$ -	\$ 33,181	\$ 30,781	\$ -	\$ 63,962