



OREGON DEPARTMENT OF TRANSPORTATION

Research Section
200 Hawthorne, B-240
Salem, OR 97301

SPR Quarterly Progress Report
July 1, 2009 through September 30, 2009

ph: (503) 986-2700
fax: (503) 986-2844

Date October 27, 2009

TO: Technical Advisory Committee Members:

Cole Mullis, Oregon Department of Transportation
Larry Ilg, Oregon Department of Transportation
Elizabeth Hunt, Oregon Department of Transportation
Norris Shippen, Oregon Department of Transportation
Anthony Boesen, Federal Highway Administration
Michael Remily, Oregon Department of Transportation
Gary Thompson, Asphalt Pavement Association of Oregon

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

1. Project

Density Verification for Hot Mixed Asphalt Concrete Pavement
SPR # 666

2. Key Dates

Start Date for ODOT: October 1, 2007
Completion Date for ODOT: December 15, 2009

3. Principal Investigator

Todd V. Scholz, Ph.D., P.E.
School of Civil and Construction Engineering
Oregon State University
Corvallis, Oregon 97331-2302 Phone: (541) 737-2056

4. Progress

- Suraj (grad student) has very good progress toward completing his thesis, which will be the basis for the final report for the project. Suraj plans to complete the thesis by the end of October.
- Greta Gustafson (an undergraduate student) has been hired to assist in developing the final report.

5. **Problems**

- Nothing significant.

6. **Work Planned for Next Quarter (Oct. thru Dec. 2009)**

- Complete the lab work to investigate whether or not core barrels cause damage during the coring process (i.e., compare the density of blocks cut using a lapidary saw to the density of cores drilled from the blocks).
- Complete the final report.

7. **Finances**

SPR Project Summary

VENDOR	FY'08	FY'09	FY'10	FY11	TOTALS
ORIGINAL BUDGET	\$ 55,000	\$ 85,000			\$ 140,000
REVISED BUDGET	\$ 29,569	\$ 54,525	\$ 35,906		\$ 120,000
EXPENDITURES - VENDOR	\$ 29,569	\$ 54,525	\$ -	\$ -	\$ 84,094
BALANCE	\$ -	\$ -	\$ 35,906	\$ -	\$ 35,906

ODOT	FY'08	FY'09	FY'10	FY11	TOTALS
ORIGINAL BUDGET	\$ 4,000	\$ 5,000			\$ 9,000
REVISED BUDGET	\$ 3,148	\$ 8,758	\$ 1,500		\$ 13,406
EXPENDITURES - ODOT	\$ 3,148	\$ 8,758	\$ 2,693	\$ -	\$ 14,599
BALANCE	\$ -	\$ -	\$ (1,193)	\$ -	\$ (1,193)

PROJECT	FY'08	FY'09	FY'10	FY11	TOTALS
ORIGINAL BUDGET	\$ 59,000	\$ 90,000	\$ -	\$ -	\$ 149,000
REVISED BUDGET	\$ 32,717	\$ 63,283	\$ 37,406	\$ -	\$ 133,406
EXPENDITURES - PROJECT	\$ 32,717	\$ 63,283	\$ 2,693		\$ 98,693
BALANCE	\$ -	\$ -	\$ 34,713	\$ -	\$ 34,713