



OREGON DEPARTMENT OF TRANSPORTATION

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

SPR Quarterly Progress Report

April 1, 2009 through June 30, 20089

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Date: July 6, 2009

TO: Technical Advisory Committee Members:
Scott Cramer, Traffic Signal Engineer, ODOT
Mike D. Dunning, Product Evaluation Coordinator, ODOT
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Katie L. Johnson, Traffic Devices Engineer, ODOT
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FROM: June Ross, Research Coordinator; phone: (503) 986-2846

1. **Project**

Evaluation of Wet-Weather Retroreflectivity of Pavement Markings
SPR 681

2. **Key Dates**

Contract Start Date: August 5, 2008
Contract End Date: June 30, 2010
Completion Date for ODOT: August 30, 2010

3. **Principal Investigators**

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4. **Progress**

- Task #1 (Review of Current ODOT Practices): 90% complete
- Task #2 (Literature Review): 95% complete
- Task #3 (Identify Alternative Testing Procedures): 10% complete

5. Problems

- As a result of the literature review, the research team concludes that the development of a wet weather retroreflectivity method would be extensive and require resources far in excess of the project budget. As a result, initial discussions took place between the PI and the Research Coordinator regarding an alternative way to proceed with the project in a manner that would be useful and beneficial to ODOT. The development of an in-service performance evaluation approach along with refinement of ODOT test deck procedures for durable markings are viable options for the project. TAC input will be sought at the meeting scheduled in August.

6. Work Planned for Next Quarter

- During the next quarter, the research team will complete Tasks #1 and #2, and submit the first draft of the interim report to the Research Coordinator on August 3rd, 2009 for review.
- The research team will present major findings to the TAC and present a proposal for a way forward. With approval of the TAC, the research team will update the existing research work plan to accommodate change in direction and proceed with the remainder of the project.

7. Finances

SPR Project Summary.

VENDOR	FY'09	FY'10	FY11	FY'12	TOTALS
ORIGINAL BUDGET	\$ 35,000	\$ 70,000	\$ 35,000		\$ 140,000
REVISED BUDGET	\$ 37,500	\$ 92,500	\$ -		\$ 130,000
EXPENDITURES - VENDOR	\$ -	\$ -	\$ -	\$ -	\$ -
BALANCE	\$ 37,500	\$ 92,500	\$ 35,000	\$ -	\$ 165,000
ODOT					
	FY'09	FY'10	FY11	FY'12	TOTALS
ORIGINAL BUDGET	\$2,500	\$5,000	\$0		\$ 7,500
REVISED BUDGET	\$5,219	\$5,000			\$ 10,219
EXPENDITURES - ODOT	\$ 5,219	\$ -	\$ -	\$ -	\$ 5,219
BALANCE	\$ -	\$ 5,000	\$ -	\$ -	\$ 5,000
PROJECT					
	FY'09	FY'10	FY11	FY'12	TOTALS
ORIGINAL BUDGET	\$ 37,500	\$ 75,000	\$ -	\$ -	\$ 112,500
REVISED BUDGET	\$ 42,719	\$ 97,500	\$ -	\$ -	\$ 140,219
EXPENDITURES - PROJECT	\$ 5,219	\$ -	\$ -		\$ 5,219
BALANCE	\$ 37,500	\$ 97,500	\$ -	\$ -	\$ 135,000