



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

Date: October 27, 2009

TO: Technical Advisory Committee Members:
Tim Rogers, FHWA
Tony Kojundic, Silica Fume Association
Richard Hart, PE, ODOT
Norris Shippen, ODOT
Craig Shike, ODOT
Steve Soltesz, ODOT

FROM: Steve Soltesz, Research Coordinator; phone: (503) 986-2851

1. Project

Abrasion-Resistant Concrete Mix Designs for Bridge Decks
SPR 622

2. Key Dates

Start Date for ODOT: October 2004
Completion Date for ODOT: December 2009

3. Principal Investigators

Todd Scholz
School of Civil and Construction Engineering
100 Merryfield
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4. Progress

- Alaska DOT&PF completed Nordic Abrasion tests on the coarse aggregate from Knife River and Prall tests on the concrete mixtures. Many thanks to Bruce Brunette for doing this work for the project. Shweta (grad student) has summarized the results with abrasion tests conducted at OSU.
- Shweta has made excellent progress on her thesis, which will be the basis for the final report for the project. Currently, Shweta's thesis is well over 50% complete.

5. **Problems**

- None

6. **Work Planned for Next Quarter**

- Complete the final report.

7. **Finances**

SPR Project Summary

VENDOR	FY'04	FY05	FY06	FY07	FY08	FY'09	FY'10	TOTALS
ORIGINAL BUDGET	\$ 14,000	\$ 164,000	\$ 25,000	\$ 25,000	\$ 12,000	\$ -	\$ -	\$ 240,000
REVISED BUDGET	\$ -	\$ 21,810	\$ 33,019	\$ 312	\$ 95,328	\$ 56,000	\$ 18,360	\$ 224,829
EXPENDITURES - VENDOR	\$ -	\$ 21,810	\$ 33,019	\$ 312	\$ 95,328	\$ 56,000		\$ 206,469
BALANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,360	\$ 18,360
ODOT	FY'04	FY05	FY06	FY07	FY08	FY'09	FY'10	TOTALS
ORIGINAL BUDGET	\$ 1,626	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ -	\$ -	\$ 21,626
REVISED BUDGET	\$ -	\$ 5,747	\$ 9,795	\$ 7,107	\$ 6,429	\$ 6,786	\$ 2,000	\$ 37,864
EXPENDITURES - ODOT	\$ -	\$ 5,747	\$ 9,795	\$ 7,107	\$ 6,429	\$ 6,786		\$ 35,864
BALANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
PROJECT	FY'04	FY05	FY06	FY07	FY08	FY'09	FY'10	TOTALS
ORIGINAL BUDGET	\$ 15,626	\$ 169,000	\$ 30,000	\$ 30,000	\$ 17,000	\$ -	\$ -	\$ 261,626
REVISED BUDGET	\$ -	\$ 27,557	\$ 42,814	\$ 7,419	\$ 101,757	\$ 62,786	\$ 20,360	\$ 262,693
EXPENDITURES - PROJECT	\$ -	\$ 27,557	\$ 42,814	\$ 7,419	\$ 101,757	\$ 62,786	\$ -	\$ 242,333
BALANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,360	\$ 20,360