



OREGON DEPARTMENT OF TRANSPORTATION

Research Unit
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SPR Quarterly Progress Report
January 1, 2009 through March 31, 2009

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Date May 4, 2009

TO: Technical Advisory Committee Members:

Tanarat Potisuk, Lochner, Inc.
Stephen Burgess, Lochner, Inc.
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Steve Soltesz, ODOT
Tim Rogers, FHWA

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

1. Project

Flexural Steel Anchorage Performance at Diagonal Crack Locations
SPR # 661

2. Key Dates

Start Date for ODOT: 12/1/07
Completion Date for ODOT: 12/31/09

3. Principal Investigator

Dr. Christopher Higgins, Associate Professor
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4. Progress

- Specimen #1 testing begun.
- Supplemental external reinforcing system designed and fabricated.

5. Problems

- Slow progress in laboratory due to graduate student coursework demands and illness.
- Added some additional instrumentation to capture compression zone shears.
- Progress should accelerate in the current quarter.

6. Work Planned for Next Quarter

- Complete test of IT #1
- Test IT #2
- Reduce data for specimens and compare with analytical predictions
- Construct and test 2 additional IT specimens

7. Finances

SPR Project Summary

VENDOR	FY'08	FY'09	FY'10	FY11	TOTALS
ORIGINAL BUDGET	\$ 80,000	\$ 170,000	\$ 90,000		\$ 340,000
REVISED BUDGET	\$ 15,300	\$ 170,000	\$ 114,700		\$ 300,000
EXPENDITURES - VENDOR	\$ 15,300	\$ 69,107	\$ -	\$ -	\$ 84,407
BALANCE	\$ -	\$ 100,893	\$ 114,700	\$ -	\$ 215,593
ODOT	FY'08	FY'09	FY'10	FY11	TOTALS
ORIGINAL BUDGET	\$ 4,000	\$ 5,000	\$ 4,000		\$ 13,000
REVISED BUDGET	\$ 4,410	\$ 5,000	\$ 4,000		\$ 13,410
EXPENDITURES - ODOT	\$ 4,410	\$ 3,034	\$ -	\$ -	\$ 7,444
BALANCE	\$ -	\$ 1,966	\$ 4,000	\$ -	\$ 5,966
PROJECT	FY'08	FY'09	FY'10	FY11	TOTALS
ORIGINAL BUDGET	\$ 84,000	\$ 175,000	\$ 94,000	\$ -	\$ 353,000
REVISED BUDGET	\$ 19,710	\$ 175,000	\$ 118,700	\$ -	\$ 313,410
EXPENDITURES - PROJECT	\$ 19,710	\$ 72,141	\$ -		\$ 91,851