



OREGON DEPARTMENT OF TRANSPORTATION

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

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

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Date: October 1, 2009

TO: Technical Advisory Committee Members:

Scott McCanna, Traffic Control Plans Engineer
Sunday Alberding, Region 3 Safety Manager
Don Morris, Traffic Control Plans Designer
Anne Holder, Roadway Safety Program Manager, Transportation Safety Division
Keith Scoggins, Senior Roadway Engineer, Oregon Bridge Delivery Partners
Nick Fortey, Federal Highway Administration
Ted Paselk, Project Manager, ODOT Region 3
Jon Lazarus, ODOT Research Section

FROM: Jon Lazarus, Research Coordinator; phone: (503) 986-2852

1. Project

Work Zone Design and Operations Enhancements
SPR # 669

2. Key Dates

Start Date for ODOT: November 2007
Completion Date for ODOT: December 2009

3. Principal Investigator

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4. Progress

- Task 1: Project Initiation
 - Completed; see April 2008 interim report.
- Task 2: Literature Review

- Completed; see April 2008 interim report and final report submitted Sept. 2009.
- Task 3: Survey ODOT Personnel and Consultants
 - Completed; see July 2008 interim report for preliminary results and final report submitted Sept. 2009 for final analysis.
- Task 4: Develop Sample of Study Projects
 - Completed; see March 2009 interim report.
- Task 5: Collect Project Data
 - Completed; see final report submitted Sept. 2009.
- Task 6: Analyze Data
 - Completed; see final report submitted Sept. 2009.
- Additional Tasks:
 - A short survey of other state DOTs to ask about their TCP processes and the impact of different process features on the quality of TCP design and implementation. Completed; see final report submitted Sept. 2009.
 - Review of bid tabulation data for the case study projects from the ODOT website. Completed; see final report submitted Sept. 2009.
- Task 7: Develop Guidelines for Implementation
 - Draft guidelines for implementation of the study results were prepared and included in the final report. TAC to review the draft guidelines following October 8, 2009 meeting with the TAC, and provide input on suggested guidelines for inclusion in the final report.
- Task 8: Prepare Draft and Final Reports
 - Draft of final report prepared and submitted September 30, 2009. The draft final report was presented to the TAC for their review at a meeting on October 8, 2009. Currently awaiting review comments from TAC. The draft final report will be modified based on review comments from TAC, and a final report submitted to ODOT.

5. **Problems**

- No problems affecting completion of the study are present at this point.

6. **Work Planned for Next Quarter**

- Task 7: Develop Guidelines for Implementation
 - Revise the draft guidelines in response to the TAC review comments.
- Task 8: Prepare Draft and Final Reports
 - Revise the draft final report in response to the TAC review comments.
 - Submit the revised draft of the final report.

7. **Finances**
 SPR Project Summary

VENDOR	FY'08	FY'09	FY'10	FY11	TOTALS
ORIGINAL BUDGET	\$ 50,000	\$ 81,716	\$ -		\$ 131,716
REVISED BUDGET	\$ 15,770	\$ 82,257	\$ 33,689		\$ 131,716
EXPENDITURES - VENDOR	\$ 15,770	\$ 82,257	\$ -	\$ -	\$ 98,027
BALANCE	\$ -	\$ -	\$ 33,689	\$ -	\$ 33,689
ODOT	FY'08	FY'09	FY'10	FY11	TOTALS
ORIGINAL BUDGET	\$ 2,500	\$ 5,000	\$ 2,000		\$ 9,500
REVISED BUDGET	\$ 5,234	\$ 16,312	\$ 2,000		\$ 23,546
EXPENDITURES - ODOT	\$ 5,234	\$ 16,312	\$ 2,123	\$ -	\$ 23,669
BALANCE	\$ -	\$ -	\$ (123)	\$ -	\$ (123)
PROJECT	FY'08	FY'09	FY'10	FY11	TOTALS
ORIGINAL BUDGET	\$ 52,500	\$ 86,716	\$ 2,000	\$ -	\$ 141,216
REVISED BUDGET	\$ 21,004	\$ 98,569	\$ 35,689	\$ -	\$ 155,262
EXPENDITURES - PROJECT	\$ 21,004	\$ 98,569	\$ 2,123		\$ 121,696
BALANCE	\$ -	\$ -	\$ 33,566	\$ -	\$ 33,566