



OREGON DEPARTMENT OF TRANSPORTATION

Research Unit
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SPR Quarterly Progress Report
July 1, 2008 through September 30, 2008

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Date November 6, 2008

TO: Technical Advisory Committee Members:
Douglas Bish, ODOT TRS
Nick Fortey, FHWA Oregon Division
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Sheila Lyons, ODOT TRS
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FROM: Mark Joerger, Senior Research Analyst (ph: (503) 986-3464)

1. Project

Assessment of Statewide Intersection Safety Performance
SPR # 667

2. Key Dates

Start Date for ODOT: 5/2/08
Completion Date for ODOT: 8/31/09

3. Principal Investigator

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4. **Progress**

- Fall 2008 – Dedicated graduate assistant assigned to project
- Task 1:Project Initiation, 100% complete
- Task 2:Literature Review, 75% complete
 - A draft literature review has been prepared and is currently being edited. We are planning to distribute this to the TAC prior to our next meeting, tentatively being considered for the 1st or 2nd week in December
- Task 3:Data Assembly and Research Design, 50% complete
 - A draft data elements collection form (~50 elements) has been developed. The availability, cost, and time of obtain these data elements will be explored in the pilot study. There is a close synergy with 2 other ODOT/OTREC sponsored projects and we have attempted to coordinate data collection efforts with these projects.
- Task 4:Pilot Study, 10% complete
 - Will use existing intersection data to start, pilot test collection procedure on new intersections to be selected
- Task 5:Full Intersection Study, not started
- Task 6:Summary Data Analysis, not started
- Task 7: Develop Safety Performance Functions, not started:
- Task 8:Final Report, not started

5. **Problems**

- Master IGA differences had delayed OSU subcontract (now resolved)

6. **Work Planned for Next Quarter**

- In support of Task 2, we will be contacting ODOT crash analysis unit for their statewide intersection cross reference table. We will be contacting a traffic counting firms to supplement the traffic counting data we can obtain.
- Schedule a TAC meeting in December or January to present the results of the literature review and the preliminary outputs from the pilot study.

7. **Finances**

SPR Project Summary

VENDOR	FY'08	FY'09	FY'10	FY11	TOTALS
ORIGINAL BUDGET	\$ 62,000	\$ 62,000			\$ 124,000
REVISED BUDGET	\$ -	\$ 79,000	\$ 43,705		\$ 122,705
EXPENDITURES - VENDOR	\$ -	\$ -	\$ -	\$ -	\$ -
BALANCE	\$ 62,000	\$ 79,000	\$ 43,705	\$ -	\$ 184,705

ODOT	FY'08	FY'09	FY'10	FY11	TOTALS
ORIGINAL BUDGET	\$ 2,500	\$ 2,500			\$ 5,000
REVISED BUDGET	\$ 2,920	\$ 2,500	\$ 2,000		\$ 7,420
EXPENDITURES - ODOT	\$ 2,920	\$ 371	\$ -	\$ -	\$ 3,291
BALANCE	\$ -	\$ 2,129	\$ 2,000	\$ -	\$ 4,129

PROJECT	FY'08	FY'09	FY'10	FY11	TOTALS
ORIGINAL BUDGET	\$ 64,500	\$ 64,500	\$ -	\$ -	\$ 129,000
REVISED BUDGET	\$ 2,920	\$ 81,500	\$ 45,705	\$ -	\$ 130,125
EXPENDITURES - PROJECT	\$ 2,920	\$ 371	\$ -		\$ 3,291
BALANCE	\$ -	\$ 81,129	\$ 45,705	\$ -	\$ 126,834