



**OREGON DEPARTMENT OF TRANSPORTATION**

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

**SPR Quarterly Progress Report**  
January 1, 2009 through March 31, 2009

ph: 503-986-2700  
fax: 503-986-2844

Date April 1, 2009

**TO:** Technical Advisory Committee Members:  
Amanda Pietz, ODOT Research Unit (chair)  
Michael Bufalino, ODOT Freight Mobility Section  
Dave Ringeisen, ODOT Transportation Data Section  
Scott Bassett, ODOT Internal Audit Section  
Ann Hanus, Oregon Economic and Community Development Department  
Nick Fortey, Oregon Division, FHWA

**FROM:** Amanda Pietz, Research Analyst (503-986-2848)

**1. Project**

Freight Performance Measures: Approach Analysis  
SPR # 664

**2. Key Dates**

Start Date for ODOT: April 7, 2008  
Completion Date for ODOT: June 30, 2010

**3. Principal Investigator**

B. Starr McMullen  
Department of Agricultural and Resource Economics  
Oregon State University  
Ballard Extension Hall 232C  
Corvallis, OR 97331-3212 Phone: (541) 737-1480  
[s.mcmullen@oregonstate.edu](mailto:s.mcmullen@oregonstate.edu)

Christopher M. Monsere  
Department of Civil and Environmental Engineering  
Portland State University  
P.O. Box 751  
Portland, Oregon USA 97207-0751 Phone 503 725 9746  
[monsere@pdx.edu](mailto:monsere@pdx.edu)

**4. Progress**

The literature review is in progress. State plans are being reviewed to identify goals and performance measures that constitute the state of the practice. Literature for the state of the art is also being reviewed.

**5. Problems**

The literature review has been delayed because of issues relating to reliable work. The PI is in the process of reviewing all work done to date to insure accuracy.

**6. Work Planned for Next Quarter**

Completion of literature review and identification of a preliminary set of freight performance measures.

**7. Finances**

SPR Project Summary

| VENDOR                | FY'08 | FY'09     | FY'10     | FY11 | TOTALS    |
|-----------------------|-------|-----------|-----------|------|-----------|
| ORIGINAL BUDGET       | \$ -  |           |           |      | \$ -      |
| REVISED BUDGET        | \$ -  | \$ 29,400 | \$ 29,353 |      | \$ 58,753 |
| EXPENDITURES - VENDOR | \$ -  | \$ 23,539 | \$ -      | \$ - | \$ 23,539 |
| BALANCE               | \$ -  | \$ 5,861  | \$ 29,353 | \$ - | \$ 35,214 |

| ODOT                | FY'08     | FY'09     | FY'10    | FY11     | TOTALS     |
|---------------------|-----------|-----------|----------|----------|------------|
| ORIGINAL BUDGET     | \$ 82,500 | \$ 27,500 |          |          | \$ 110,000 |
| REVISED BUDGET      | \$ 2,163  | \$ 2,000  | \$ 3,000 | \$ 1,000 | \$ 8,163   |
| EXPENDITURES - ODOT | \$ 2,163  | \$ 691    | \$ -     | \$ -     | \$ 2,854   |
| BALANCE             | \$ -      | \$ 1,309  | \$ 3,000 | \$ 1,000 | \$ 5,309   |

| PROJECT                | FY'08     | FY'09     | FY'10     | FY11     | TOTALS     |
|------------------------|-----------|-----------|-----------|----------|------------|
| ORIGINAL BUDGET        | \$ 82,500 | \$ 27,500 | \$ -      | \$ -     | \$ 110,000 |
| REVISED BUDGET         | \$ 2,163  | \$ 31,400 | \$ 32,353 | \$ 1,000 | \$ 66,916  |
| EXPENDITURES - PROJECT | \$ 2,163  | \$ 24,230 | \$ -      |          | \$ 26,393  |
| BALANCE                | \$ -      | \$ 7,170  | \$ 32,353 | \$ 1,000 | \$ 40,523  |