

KSDOT Progress Report
for the

State Planning and Research Program

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| PROJECT TITLE: Smart Work Zone Deployment Initiative | | |
| PROJECT MANAGER: Richard L. McReynolds, P.E. | Project No: TPF-5(081) | Project is: <input type="checkbox"/> PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT |
| Annual Budget | Multi Year Project Budget \$245,000 | |

Progress:

| Evaluation | PI | Total Budget | Pct of Total | Percent Complete (2004 Q4) | |
|--|----------------------|-------------------|--------------|----------------------------|------------|
| PY04 Administration-Travel | E. Meyer (Meyer ITS) | \$ 49,222 | 20% | 75.0% | 15.1% |
| PY04_Web Administration | Aemal Khattak (UNL) | \$ 2,910 | 1% | 75.0% | 0.9% |
| PY04_Conference | Tom Maze (ISU) | \$ 10,562 | 4% | 50.0% | 2.2% |
| Portable Rumble Strips: Advanced Traffic Markings (ATM) and Recycled Technology, Inc. (RTI) | Alan Horowitz (UWM) | \$ 15,177 | 6% | 95.0% | 5.9% |
| Criteria for Portable ATIS in Work Zones: Lane Merge, Travel Time and Speed Advisory Systems | Alan Horowitz (UWM) | \$ 27,186 | 11% | 80.0% | 8.9% |
| Synthesis of Procedures to Forecast and Monitor Work Zone Mobility and Safety Impacts | Tom Maze (ISU) | \$ 34,357 | 14% | 65.0% | 9.1% |
| The Use of Raised Pavement Markings in Work Zone Applications – A Synthesis of Practice | Aemal Khattak (UNL) | \$ 23,666 | 10% | 45.0% | 4.3% |
| Design of Portable Rumble Strips | E. Meyer (Meyer ITS) | \$ 35,170 | 14% | 70.0% | 10.0% |
| Evaluation of Portable Rumble Strips | E. Meyer (Meyer ITS) | \$ 24,942 | 10% | 20.0% | 2.0% |
| Work Zone Incident Management Practices: Synthesis Study | Alan Horowitz (UWM) | \$ 21,808 | 9% | 80.0% | 7.1% |
| Total | | \$ 245,000 | 100% | Complete | 66% |

Evaluations, PIs, and estimated percent complete are given in the following table. Work done comprises literature reviews, surveys of transportation agencies, device design and preparations for field data collection.

Project Personnel: Eric Meyer, Meyer ITS (Principal Investigator, TAC Chair), Tom Maze, ISU (Principal Investigator), Alan Horowitz, UWM (Principal Investigator), Aemal Khattak, UNL (Principal Investigator)

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

During the first quarter of 2005, final preparations for the conference will be established and mailings sent out. Work will continue on all projects. Web site will be updated.

STATUS AND COMPLETION DATE

Percentage of work completed to date for total project is: 66%

on schedule behind schedule, explain:

Expected Completion Date: May 31, 2005