

KSDOT Progress Report
for the

State Planning and Research Program

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:

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.

Evaluation	PI	Total Budget	Pct of Total	Percent Complete	
PY04_Administration-Travel	E. Meyer (Meyer ITS)	\$ 49,222	20%	40.0%	8.0%
PY04_Web Administration	Aemal Khattak (UNL)	\$ 2,910	1%	40.0%	0.5%
PY04_Conference	Tom Maze (ISU)	\$ 10,562	4%	20.0%	0.9%
Portable Rumble Strips: Advanced Traffic Markings (ATM) and Recycled Technology, Inc. (RTI)	Alan Horowitz (UWM)	\$ 15,177	6%	90.0%	5.6%
Criteria for Portable ATIS in Work Zones: Lane Merge, Travel Time and Speed Advisory Systems	Alan Horowitz (UWM)	\$ 27,186	11%	65.0%	7.2%
Synthesis of Procedures to Forecast and Monitor Work Zone Mobility and Safety Impacts	Tom Maze (ISU)	\$ 34,357	14%	40.0%	5.6%
The Use of Raised Pavement Markings in Work Zone Applications – A Synthesis of Practice	Aemal Khattak (UNL)	\$ 23,666	10%	25.0%	2.4%
Design of Portable Rumble Strips	E. Meyer (Meyer ITS)	\$ 35,170	14%	50.0%	7.2%
Evaluation of Portable Rumble Strips	E. Meyer (Meyer ITS)	\$ 24,942	10%	15.0%	1.5%
Work Zone Incident Management Practices: Synthesis Study	Alan Horowitz (UWM)	\$ 21,808	9%	65.0%	5.8%
Total		\$ 245,000	100%	Complete	45%

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 fourth quarter of 2004, projects whose data collection is complete will progress in the analysis and reporting, while projects whose data collection is not complete will slow until the beginning of next construction season.. Conference plans will be finalized and reservations made. Expected time frame is the week of April 18, 2005.

STATUS AND COMPLETION DATE

Percentage of work completed to date for total project is: 8%

on schedule behind schedule, explain:

Expected Completion Date: May 31, 2005