

**State Planning and Research Program
Quarterly Report**

PROJECT TITLE: The Effects of Implements of Husbandry on Pavement Performance TPF (148)

OBJECTIVES: 1. Determine pavement responses to selected farm equipment.
2. Compare pavement damage/response to typical 5-axle semi.

PERIOD COVERED: July, 2007- September 2007

PARTICIPATING AGENCIES: MnDOT, Minnesota Local Road Research Board, Iowa DOT, Illinois DOT, Professional Nutrient Applicators Association of Wisconsin.

PROJECT MANAGER: Dr. Shongtao Dai

SP&R PROJECT NO:

PROJECT IS:

LEAD AGENCY: Mn/DOT

TPF-148

Planning
 Research &
Development

PRINCIPAL INVESTIGATOR: Lev Khazanovich.

ANNUAL BUDGET:

\$430,000 for 3 years

PROJECT EXPENDITURES TO DATE:

The final contract with the PI just got approved.
About \$158,300 was spent on the construction of the test sections.

WORK COMPLETED:

1. The construction of test sections is complete.
2. Currently, we are working on the instrumentation and the data collection systems.
3. The contract with the U of M is officially approved.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

1. The research team will complete the instrumentation plan and continue to work on the data collection plan.
2. The research team will also initiate development of the database for the data collected in this study.

STATUS AND COMPLETION DATE:

Construction of test sections completed and the project is on schedule. The completion date: Spring, 2010.