

**State Planning and Research Program
Quarterly Report**

PROJECT TITLE: Study of Farm Equipment Impacts on Roadways--Solicitation #1040

OBJECTIVES: determine the pavement response under various types of agricultural equipment (including the impacts of different tires and additional axles) and to compare this response to that under a typical 5-axle semi tractor-trailer.

PERIOD COVERED: Jan, 07 – March, 07

PARTICIPATING AGENCIES:

Mn/DOT, Iowa DOT, IL DOT, LRRB and Professional Nutrient Applicators Association of Wisconsin (PNAAW).

PROJECT MANAGER:

Shongtao Dai

SP&R PROJECT NO:

TPF-5(148)

PROJECT IS:

Planning
 Research & Development

LEAD AGENCY:

Mn/DOT

PRINCIPAL INVESTIGATOR:

University of Minnesota

ANNUAL BUDGET:

\$433,000 for 3 years

PROJECT EXPENDITURES TO DATE:

None

WORK COMPLETED:

The project was just approved by FHWA in March and has not started yet. The first panel meeting will be held on April 30, 2007 at MnROAD research facility.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

1. Finalize workplan and a contract with the PI.
2. The construction project of two test sections will be let in June and the construction will start in August.

STATUS AND COMPLETION DATE:

The first panel meeting is scheduled on April 30, 2007. Working on a contract with PI (University of Minnesota).

