

State Planning and Research Program Quarterly Report

PROJECT TITLE: *Developing a Training Video and Manual for Best Practices and Techniques in Clearing Different Interchange configurations and Other Geometric Layouts*

OBJECTIVES: To provide comprehensive, clear, and concise training materials (videos, manual, and reference cards) based on best practices for snow removal and ice control on interchange and intersection layouts that are applicable for agencies of any size and in all regions of the U.S. and Canada.

PERIOD COVERED: April 1, 2015-June 30, 2015

PARTICIPATING AGENCIES: Minnesota Department of Transportation and the Clear Roads Technical Advisory Committee

PROJECT MANAGER: Debra Fick/ Tom Peters

LEAD AGENCY: Mn/DOT

PRINCIPAL INVESTIGATOR: Yan Qi, Southern Illinois University – Edwardsville

SP&R PROJECT NO:
MnDOT Contract No.
06740
Federal Project Number:
TPF-5(218)

PROJECT IS:

Planning
 Research & Development

ANNUAL BUDGET: \$99,994.00

PROJECT EXPENDITURES TO DATE: \$ 9778.00

WORK COMPLETED:

- Developed the standard diagrams of the 10 intersection/interchange configurations to be included in the training video;
- Developed the template of the survey questionnaire; and
- Explored the best way to collect information on plow route through the survey questionnaire.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Complete the best practice survey questionnaire;
- Circulate the survey questionnaire and gather all the related information;
- Summarize the survey results and identify the best practices; and
- Start working on the scripts for the training video.

STATUS AND COMPLETION DATE:

The project is behind schedule and it is expected to be completed on the revised date of November 30, 2015.