

**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, 2017- June 30, 2017

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

PROJECT MANAGER:

Debra Fick/ Tom Peters

SP&R PROJECT NO:

MnDOT Contract No.
06740

PROJECT IS:

 Planning
 X Research & Development

LEAD AGENCY: Mn/DOT

Federal Project Number:
TPF-5(218)

PRINCIPAL INVESTIGATOR: Yan Qi

ANNUAL BUDGET: \$99,994.00

PROJECT EXPENDITURES TO DATE: \$ 70,416.41

WORK COMPLETED:

- Developed the reference cards for all ten configurations and submitted them to the committee for review;
- Developed chapters six to eleven of the draft practice manual;
- Completed the animations of all configurations and kept working on compiling, voice over, and editing the training video.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Complete the reference cards
- Complete the practice manual
- Complete the training video

STATUS AND COMPLETION DATE:

The project needs another extension and will be completed by September 2017.