

**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, 2016 – June 30, 2016

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

PROJECT MANAGER:

Tom Peters, MnDOT

SP&R PROJECT NO:

MnDOT Contract No.

06740

Federal Project Number:

TPF-5(218)

PROJECT IS:

 Planning

 X Research & Development

LEAD AGENCY: Mn/DOT

PRINCIPAL INVESTIGATOR: Yan Qi

ANNUAL BUDGET: \$99,994.00

PROJECT EXPENDITURES TO DATE: \$ 9778.00

WORK COMPLETED:

- Conducted the survey on agencies' practice to clear different intersection/interchange layouts;
- Summarized the survey responses and submitted the survey report;
- Presented the survey results to the Committee, discussed and identified the best practice based on the survey results;
- Developed the scripts for the chapters of Introduction and Roundabout Module; and
- Started developing the animation for Roundabout Module.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Develop the training video for Introduction and Roundabout Module;
- Develop the scripts for the remaining chapters of the training video; and
- Start to develop the training video for the remaining chapters.

STATUS AND COMPLETION DATE:

The project is on schedule according to the revised timeline and will be completed by March 2017.