

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: October 1, 2016- December 31, 2016

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

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: \$ 38,420.00

WORK COMPLETED:

- Refined the video for Introduction and Roundabout Chapters based on the Committee's comments and added text for key information on the video screen;
- Continued developing the animations of the remaining modules;
- Drafted the scripts for all the remaining nine layouts;
- Sought comments and feedback from the Committee on the draft scripts.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Refine the scripts for the remaining nine layouts based on the Committee's comments;
- Complete the video for the remaining chapters;
- Develop the reference card based on the best practices identified.

STATUS AND COMPLETION DATE:

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