

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: July 1, 2015 - September 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

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:

- Determined the approach to collect information on interchange/intersection plow routes;
- Completed one plow route example for cloverleaf interchange with C/D lanes; and
- Uploaded the enlarged and high resolution plow route example plot and the 10 intersection/interchange configuration plots to a web site to be referred by the survey respondents.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Complete the plow route examples for the remaining 9 intersection/interchange configurations;
- Circulate the survey questionnaire and gather all the related information;
- Summarize the survey results and identify the best practices;
- Refine the training video outline and develop the scripts; and
- Start developing the training video.

STATUS AND COMPLETION DATE:

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