

**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:** March 9, 2015-March 31, 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:** \$ 0

**WORK COMPLETED:**

- Identified the 10 intersection/interchange configurations to be included in the training video;
- Drafted the training video outline; and
- Field video shooting for footage of snow plowing.

**SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:**

- Develop the best practice survey questionnaire;
- Circulate the survey questionnaire and gather all the related information; and
- Summarize the survey results and identify the best practices.

**STATUS AND COMPLETION DATE:**

The project is on schedule and it is expected to be completed on the scheduled date of September 9, 2015.