

State Planning and Research Program Quarterly Report

PROJECT TITLE:

Quantifying the Impact New Capital Projects will have on Roadway Snow and Ice Control Operations

OBJECTIVES:

1. *Survey other state DOTs for potential case studies*
2. *Develop a Methodology*
3. *Develop a Calculation Tool*
4. *Apply the Tool to the Case Studies*

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

SP&R PROJECT NO:MnDOT Contract No.
06428**PROJECT IS:** Planning
 Research & Development**LEAD AGENCY:** Mn/DOT**PRINCIPAL INVESTIGATOR:**

Jim Sullivan, University of Vermont

Federal Project Number:
TPF-5(218)**ANNUAL BUDGET:** \$145,622 (through
January 31, 2017)**PROJECT EXPENDITURES TO DATE:** \$20,400**WORK COMPLETED:**

- Participated in the initial project teleconference
- Completed survey data collection and preliminary selection of case studies
- Began methodology development, integrating the RSIC model with the NRI model and the statewide travel model

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Participate in the second of four project teleconferences
- Complete the selection of case studies and begin coordinating field data collection
- Continue methodology development, integrating the RSIC model with the NRI model and the statewide travel model

STATUS AND COMPLETION DATE: In spite of the late start for the first project teleconference and the survey (one month late) in the first quarter, the project is still on schedule since these tasks are not on the critical path. The second task was started one month early to ensure that the project remained on schedule. Therefore, the project completion data is still projected to be January 31, 2017.