

State Planning and Research Program Quarterly Report

PROJECT TITLE:

Identifying Best Practices for Snowplow Route Optimization

OBJECTIVES:

- Document the best practices and available tools for the optimization of snowplow routes, section/district boundaries, and facility placement through:
 - Literature search and transportation agency survey
 - Interviews with agencies
 - Development of evaluation criteria and an evaluation matrix
- Disseminate findings through webinar and final report

PERIOD COVERED: April 1, 2016 – June 30, 2016**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.
06741**PROJECT IS:** Planning
 Research & Development**LEAD AGENCY:** Mn/DOTFederal Project Number:
TPF-5(218)**PRINCIPAL INVESTIGATOR:**

Jonathan Dowds, UVM

ANNUAL BUDGET: \$**PROJECT EXPENDITURES TO DATE:** \$**WORK COMPLETED:**

- Administered Snowplow Route Optimization survey to state DOT and other transportation agencies
- Evaluated survey results and identified optimization projects for final review
- Finalized optimization project evaluation criteria

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Complete RSIC optimization project interviews
- Complete RSIC Evaluation Matrix and submit to TAC for review
- Complete draft report and submit to TAC for review

STATUS AND COMPLETION DATE: The project is on schedule to be completed by January 31, 2017.