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: January 1, 2016 – March 31, 2016

PARTICIPATING AGENCIES: Minnesota Department of Transportation and the Clear Roads Technical Advisory Committee

PROJECT MANAGER:
Tom Peters

LEAD AGENCY: Mn/DOT

PRINCIPAL INVESTIGATOR:
Jonathan Dowds, University of Vermont

ANNUAL BUDGET: $68,305

SP&R PROJECT NO: MnDOT Contract No.: 06741

PROJECT EXPENDITURES TO DATE: $22,000

PROJECT IS: Planning

Federal Project Number: TPF-5(218)

X Research & Development

WORK COMPLETED:
- Completed Literature Review for review by the Technical Advisory Committee
- Drafted Snowplow Route Optimization survey
- Began compilation of optimization project evaluation criteria

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:
- Complete Snowplow Route Optimization survey to state DOT and other transportation agencies
- Evaluate of survey results to select optimization projects for final review
- Finalize optimization project evaluation criteria
- Complete RSIC optimization project interviews

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