

**State Planning and Research Program
Quarterly Report**

PROJECT TITLE: *Synthesis on Global Positioning Systems/Automatic Vehicle Location Equipment Used for Winter Maintenance*

OBJECTIVES: Gain a better understanding of available GPS/AVL products and vendors available for winter maintenance operations through a literature/product information search and survey. Develop a survey, equipment guide, a synthesis of policies, and a final report and presentation materials.

PERIOD COVERED: 1/1/16 to 3/31/16

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

PROJECT MANAGER: Tom Peters

SP&R PROJECT NO:
MnDOT Contract No.
06427

PROJECT IS:

LEAD AGENCY: Mn/DOT

Federal ID:
TPF-5(218)

Planning
 Research & Development

PRINCIPAL INVESTIGATOR:
Adrian Potter, SRF Consulting Group

ANNUAL BUDGET:
\$59,376.19

PROJECT EXPENDITURES TO DATE:
\$52,611.01

WORK COMPLETED:

- Addressed comments from the subcommittee on the literature review and finalized document.
- Addressed comments from the subcommittee on the equipment guide. Will finalize document after teleconference in March with subcommittee.
- Draft synthesis of policies has been developed and will be submitted to subcommittee soon.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Finalize equipment guide.
- Finalize synthesis of policies and impacts.
- Develop final report and PowerPoint presentation materials.
- Present webinar and finalize project.

STATUS AND COMPLETION DATE:

- Approximately 85% complete with all tasks as of 3/31/16.
- Will establish intermediate goals with the subcommittee to facilitate completion of all tasks.