

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: 1/1/15 to 3/31/15

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.
06427

PROJECT IS:

Planning
 Research & Development

LEAD AGENCY: Mn/DOT

PRINCIPAL INVESTIGATOR:
Adrian Potter, SRF Consulting Group

ANNUAL BUDGET:
\$59,376.19

PROJECT EXPENDITURES TO DATE:
\$19,788.97

WORK COMPLETED:

- Development of draft survey questions
- Product information gathered as part of literature search
- Policy and practice information gathered as part of literature search
- Framework of portions of the equipment guide developed

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Finalize survey questions after subcommittee review
- Develop pilot survey
- Conduct survey
- Develop equipment guide
- Develop synthesis of policies and impacts
- Start development of final report and PowerPoint presentation materials

STATUS AND COMPLETION DATE:

Approximately 30% complete with all tasks as of 3/31/15. Completion of all deliverables slated for 7/31/15. Will establish intermediate goals with the subcommittee to facilitate completion.