

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: 10/1/15 to 12/31/15

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

PROJECT MANAGER:

Tom Peters, MnDOT

SP&R PROJECT NO:

MnDOT Contract No.
06427

PROJECT IS:

Planning
 Research & Development

LEAD AGENCY: MnDOT

Federal Project ID:
TPF-5(218)

PRINCIPAL INVESTIGATOR:

Adrian Potter, SRF Consulting Group

ANNUAL BUDGET:

\$59,376.19

PROJECT EXPENDITURES TO DATE:

\$45,669.36

WORK COMPLETED:

- Draft equipment guide developed. Comments received via email and during teleconferences on 10/5/2015 and 1/5/2016.
- Draft literature review submitted to subcommittee. Comments received via email and during teleconference on 1/5/2016.
- Held teleconferences with subcommittee on 10/5/2015 and 1/5/2016 to get feedback and clearer direction of equipment guide, literature review, and synthesis of policies deliverables.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Address comments on literature review and equipment guide and resubmit to subcommittee.
- Develop synthesis of policies and impacts.
- Develop final report and PowerPoint presentation materials.

STATUS AND COMPLETION DATE:

- Approximately 75% complete with all tasks as of 12/31/15.
- Contract end is 1/31/2016. We have discussed with Clear Roads and determined that an extension will be needed. There has been some shift in what is desired within the remaining deliverables by the subcommittee and in order to meet the desired content, additional time will be needed. A request to extend the project until 5/31/16 has been requested and approved by the CR's subcommittee chair.
- Will establish intermediate goals with the subcommittee to facilitate completion of all tasks.