## 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

## 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.