**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

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<tr>
<th>Project Manager</th>
<th>Lead Agency</th>
<th>Principal Investigator</th>
<th>SP&amp;R Project No: MnDOT Contract No. 06427</th>
<th>TPF-5(218)</th>
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<tbody>
<tr>
<td>Tom Peters</td>
<td>Mn/DOT</td>
<td>Adrian Potter, SRF Consulting Group</td>
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**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.