

**State Planning and Research Program
Quarterly Report**

PROJECT TITLE: *Integrating Advanced Technologies into Winter Operations Decisions*

OBJECTIVES: Provide systems-level guidance on the many new technologies available to evaluate road conditions in an integrated blueprint. Topics include emerging technologies, performance monitoring and overall investment recommendations.

PERIOD COVERED: April 1 to June 30, 2020

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

PROJECT MANAGER:
Debbie Sinclair / Tom Peters

LEAD AGENCY: MnDOT

PRINCIPAL INVESTIGATOR:
Mark Gallagher, SRF Consulting

SP&R PROJECT NO:
MnDOT Contract No.
1028784

Federal Project Number:
TPF-5(535)

PROJECT IS:
 Planning
 Research & Development

ANNUAL BUDGET: \$45,155
Total Project Budget: \$90,311.41

PROJECT EXPENDITURES TO DATE: \$67,970.88

WORK COMPLETED:

- Completed and submitted Recommendations Technical Memorandum for review
- Began developing Task 8 – Analytics Tool Summary Technical Memorandum

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Revise Recommendations Technical Memorandum based on committee feedback
- Complete draft Analytics Tool Summary Technical Memorandum

STATUS AND COMPLETION DATE:

Project completion date amended to December 31, 2020 to accommodate unexpected staff medical leave during Q4 2018 and Q1 2019. Previous project completion date was June 30, 2020.

Task 3 (Survey) has exceeded budget due to staff availability issues resulting from medical leave, and solicitation of additional responses based on feedback from the TAC. Overall budget is not expected to be affected.