

**State Planning and Research Program
Quarterly Report**

PROJECT TITLE: *Aftermarket Cameras in Winter Maintenance Vehicles*

OBJECTIVES: Research the existing uses of cameras on winter maintenance vehicles and provide recommendations for best practices regarding their selection, installation, use and maintenance.

PERIOD COVERED: July 1 to September 30, 2020

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

PROJECT MANAGER:
Debbie Sinclair / Tom Peters

SP&R PROJECT NO:
MnDOT Contract No.
1028783

PROJECT IS:
 Planning
 Research & Development

LEAD AGENCY: MnDOT

Federal Project Number:
TPF-5(535)

PRINCIPAL INVESTIGATOR:
Mark Gallagher, SRF Consulting

ANNUAL BUDGET: \$44,434
(Project Budget) \$92,977.42

PROJECT EXPENDITURES TO DATE: \$51,950.65

WORK COMPLETED:

- Confirmed that MnDOT District 4 will conduct the pilot project as scheduled this winter.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Pilot deployment to begin and continue through winter season.

STATUS AND COMPLETION DATE:

Amendment has been requested to adjust project completion date to June 30, 2021.

Project completion date was first amended to March 16, 2020.

Original project completion date was October 31, 2019.

NOTE: Circulation of draft survey document to technical advisory committee was delayed. Project will attempt to compensate with accelerated schedule so that final survey report will remain on time. Guidance is being sought from committee members and others regarding potential survey recipients/respondents.

Task 6 (Recommendations) has exceeded budget due to the unforeseen need to obtain additional information. Overall budget is not expected to be affected.

MnDOT District 4 has been identified as a partner for Task 8 (Pilot Deployment). Completion of Task 8 requires winter conditions. Due to the initial difficulties in identifying a project partner and scope, completion of the pilot deployment is delayed until Winter 2020-21.