

**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: October 1 to December 31, 2019

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

SP&R PROJECT NO:
MnDOT Contract No.
1028783

Federal Project Number:
TPF-5(535)

PROJECT IS:

Planning
 Research & Development

ANNUAL BUDGET: \$44,434;
Total budget: \$88,977.

PROJECT EXPENDITURES TO DATE: \$47,261.99

WORK COMPLETED:

- Completed manufacturer contact technical memo
- Completed recommendations technical memo
- Began process for Pilot Deployment.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Continue pilot deployment process
- Create final report

STATUS AND COMPLETION DATE:

Project completion date has been 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.

Progress for Task 8 (Pilot Deployment) has experienced issues with potential partners declining to participate when approached. Additional partners are being contacted with the intent of meeting the scheduled completion date of March 16, 2020.