

**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:** January 1 to March 31, 2019

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

**PROJECT MANAGER:**

Lisa Jansen/ Tom Peters

**SP&R PROJECT NO:**

MnDOT Contract No.  
1028783

**PROJECT IS:**

Planning  
 Research & Development

**LEAD AGENCY:** MnDOT

Federal Project Number:  
TPF-5(353)

**PRINCIPAL INVESTIGATOR:**

Mark Gallagher, SRF

**ANNUAL BUDGET:** \$44,434

**PROJECT EXPENDITURES TO DATE:** \$16,604.53

**WORK COMPLETED:**

- Submitted survey results report

**SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:**

- Conduct outreach to manufacturers
- Begin recommendations planning

**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.