

**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:** April 1 to June 30, 2019

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

**PROJECT MANAGER:**

Lisa Jansen / 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 project budget: \$88,977.42)

**PROJECT EXPENDITURES TO DATE:** \$21,485.59

**WORK COMPLETED:**

- Outreach to several interviewees completed
- Began work on summary document
- Identified manufacturers to contact
- Began considering recommendations

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

- Complete manufacturer contacts
- Document recommendations

**STATUS AND COMPLETION DATE:**

Project completion date has been amended to June 30, 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.