

**State Planning and Research Program
Quarterly Report**

PROJECT TITLE: *High Performance Blade Evaluation*

OBJECTIVES: The objective of this project is to develop a field test protocol and cost-benefit analysis methodology that can be reproduced by Clear Roads agencies in future testing, so that other blades can be evaluated and compared using the same standard procedures used in this project.

PERIOD COVERED: July 1st, 2019 - September 30th, 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.
1031542

PROJECT IS:

☐ Planning
☒ Research & Development

LEAD AGENCY: MnDOT

Federal Project Number:
TPF-5(353)

PRINCIPAL INVESTIGATOR:

William Schneider, University of Akron

ANNUAL BUDGET: \$99,673.66 (Project Budget)

PROJECT EXPENDITURES TO DATE: \$12,247.18

WORK COMPLETED:

- Task 1: Literature review complied in matrix-style summary (100%)
- Task 2: Survey of DOTs in matrix-style summary (100%)
- Task 3: List of potential blades for research (90%)

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Task 4: Testing protocol should be completed
- Task 5: Field data collection should be started and 1/3rd of the way through.

STATUS AND COMPLETION DATE:

Task 3 should be completed by September 30th, 2019.

The project is currently on schedule and on budget and will be completed by June 30, 2020.