

**State Planning and Research Program
Quarterly Report**

PROJECT TITLE: *Expanded Use of AVL/GPS Technology*

OBJECTIVES: To help state transportation agencies optimize the value gained from the acquisition of AVL/GPS units by deploying them year-round, rather than just in winter maintenance operations.

PERIOD COVERED: July 1 to September 30, 2022

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

PROJECT MANAGER:
Hafiz Munir / Tom Peters

SP&R PROJECT NO:
MnDOT Contract No.
1044528

PROJECT IS:

Planning
 Research & Development

LEAD AGENCY: MnDOT

Federal Project Number:
TPF-5(353)

PRINCIPAL INVESTIGATOR:
Ming-Shiun Lee, PhD, PE
AECOM Technical Services, Inc.

ANNUAL BUDGET: \$73,123.72

PROJECT EXPENDITURES TO DATE: \$67,484.86

WORK COMPLETED:

- Task 3: Develop Case Studies
 - Conducted an interview and the Colorado DOT and prepared interview summary.
 - Updated and finalized the case study reports.
- Task 4: Final Report and Webinar
 - Developed a draft project report.
 - Submitted the draft project report to the subcommittee for review.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Task 4: Final Report and Webinar
 - Conduct a check-in meeting with the project subcommittee to review the draft project report and solicit comments.
 - Finalize the project report.
 - Conduct a project close-out webinar.

STATUS AND COMPLETION DATE:

On budget. Contact has been extended to February 28, 2023, with an expectation that the final report and close-out webinar will be completed by December 31, 2022.