

State Planning and Research Program Quarterly Report

PROJECT TITLE: *Use of Dashboards for Winter Operations*

OBJECTIVES: To develop a synthesis report and conduct case studies for the use of winter operation dashboards. In order to determine best practices and innovative practices.

PERIOD COVERED: April 1 to June 30, 2023

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.
1051128

PROJECT IS:

Planning
 Research & Development

LEAD AGENCY: MnDOT

Federal Project Number:
TPF-5(479)

PRINCIPAL INVESTIGATOR:

Mallory Crow, PhD, PE
AECOM Technical Services, Inc.

ANNUAL BUDGET: \$74,477.32

PROJECT EXPENDITURES TO DATE: \$20,191.88

WORK COMPLETED:

- Task 1: Project Management
 - A Check-in Meeting conducted on June 6, 2023
- Task 2: Literature Review
 - Submitted draft literature review summary for subcommittee's review
- Task 3: Survey of Practices
 - Developed draft survey

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Task 1: Project Management
 - Conduct a Check-in Meeting after survey results are analyzed (August 2023)
- Task 2: Literature Review
 - Finalize literature review summary
- Task 3: Survey of Practices
 - Finalize survey questions
 - Distribute survey questions
 - Analysis Results – determine case study recommendations
- Task 4: Development of Case Studies
 - Draft Interview Questions for Case Studies

STATUS AND COMPLETION DATE:

On schedule and budget. Expected project completion June 30, 2024.