

State Planning and Research Program Quarterly Report

PROJECT TITLE: *Use of Dashboards for Winter Operations*

OBJECTIVES: This project focuses on all aspects of dashboarding to provide the most complete understanding for state winter maintenance managers to track and manage winter maintenance operations. Another goal is to determine how the information from these dashboards may be used to communicate with agency executives and legislators, and potentially the public.

PERIOD COVERED: January 1 to March 31, 2024

PARTICIPATING AGENCIES: Minnesota Department of Transportation, Clear Roads Technical Advisory Committee, and AECOM Technical Services, Inc.

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: \$64,183.83

WORK COMPLETED:

- Task 1: Project Management
 - Prepared progress reports and invoices.
- Task 4: Development of Case Studies
 - Conducted case study interviews with Ohio and Virginia.
 - Drafted case study interview summaries.
 - Prepared draft case study reports.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Task 1: Project Management
 - Prepare progress reports and invoices.
 - Conduct a Check-in Meeting to review case study summaries and findings.
- Task 4: Development of Case Studies
 - Submit draft case study reports for review.
 - Finalize case study reports.
- Task 5: Synthesis Report and Webinar
 - Development of the draft synthesis report.
 - Submit the draft synthesis report for review.

STATUS AND COMPLETION DATE:

The project is on budget but is approximately two months behind schedule due to challenges with scheduling interviews with case study agencies. Expected project completion August 31, 2024. A request for contract amendment to extend the project end date is in progress.