

**State Planning and Research Program
Quarterly Report**

PROJECT TITLE: *Quantifying the Economic Value of Snow and Ice Operational Success*

OBJECTIVES: The goal of this research project is to develop a tool that agencies can use to quantify the economic value of their snow and ice operations including investing in emerging technologies and innovative practices. The tool will provide a realistic cost and benefit to the operations and allow for justification and planning for an appropriate annual budget.

PERIOD COVERED: July 1 – September 30, 2025

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

PROJECT MANAGER:
Hafiz Munir / Sheila Johnson

LEAD AGENCY: MnDOT

PRINCIPAL INVESTIGATOR:
Mallory Crow, PhD, PE
AECOM Technical Services, Inc.

SP&R PROJECT NO:
MnDOT Contract No.
1054111

Federal Project Number:
TPF-5(479)

PROJECT IS:

☐ Planning
☒ Research & Development

ANNUAL BUDGET: \$98,062.06

PROJECT EXPENDITURES TO DATE: \$93,388.19

WORK COMPLETED:

- Task 1: Project Management
 - Invoices, Progress Reports
- Task 5: Tool Development
 - Letting the Clear Roads' member time to utilize draft tool and provide feedback
- Task 6: Final Report
 - Awaiting comments on tools to submit draft report

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Task 1: Project Management
 - Invoices, Progress Reports
- Task 5: Tool Development
 - Finalized Tool and Guide
- Task 6: Final Report
 - Draft and Finalized Project Report
 - Final Presentation

STATUS AND COMPLETION DATE: Project team requested more time to test and use the draft tool before providing comments. We will have enough budget to address comments and complete final report.