

**State Planning and Research Program
Quarterly Report**

PROJECT TITLE: *Toxicity Standards for the Qualified Products List*

OBJECTIVES: The goal of this project is to “evaluate the need for deicer toxicity test procedures, toxicity and other relevant limits commonly used by state and federal agencies, if a toxicity threshold can and should be required for inclusion in the QPL,” and how these can inform the Clear Roads Qualified Product List (QPL). Recommend threshold limits that will guide Clear Roads, vendors, and agencies in their deicer evaluation and selection will be developed.

PERIOD COVERED: July 1 – September 30, 2025

PARTICIPATING AGENCIES: Minnesota Department of Transportation, Clear Roads Technical Advisory Committee, Western Transportation Institute at Montana State University

PROJECT MANAGER:
Hafiz Munir / Sheila Johnson

LEAD AGENCY: MnDOT

PRINCIPAL INVESTIGATOR:
Laura Fay, WTI, MSU

SP&R PROJECT NO:
MnDOT Contract No.
1057599

Federal Project Number:
TPF-5(479)

PROJECT IS:

☐ Planning
☒ Research & Development

ANNUAL BUDGET: \$ 114,995

PROJECT EXPENDITURES TO DATE: \$25,646.43

WORK COMPLETED:

- Project start date April 14, 2025
- Kick off meeting was held May 6, 2025, and meeting notes and slide deck were provided May 6, 2025.
- Check in meeting held August 20, 2025, meeting notes and slide deck were provided the same day.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Submit Task 2 Literature Review
- Schedule a meeting to review the Task 2 deliverable
- Begin work on Task 3 Recommendations

STATUS AND COMPLETION DATE: Nothing to report at this time.