

State Planning and Research Program Quarterly Report

PROJECT TITLE: *Review and Summary of Pre-Wet Methods and Procedures*

OBJECTIVES: The goal of this research is to “to compile a summary of pre-wetting practices, including equipment, materials, methods, and application rates and identify the history of successes and failures that have contributed to the current practices.”

PERIOD COVERED:

April 1, 2021 – June 31, 2021

PARTICIPATING AGENCIES:

Washington State University – Prime
Monte Vista Associates LLC – Subcontractor
Ice and Snow Technologies, Inc. - Subcontractor

PROJECT MANAGER:

Hafiz Munir / Tom Peters

SP&R PROJECT NO:

MnDOT Project No.
1031544

PROJECT IS:

☐ Planning
☒ Research & Development

LEAD AGENCY: MnDOT

PRINCIPAL INVESTIGATOR:

Xianming Shi, Ph.D., P.E., WSU

Federal Project No.
TPF-5(353)

ANNUAL BUDGET:

\$74,722

PROJECT EXPENDITURES TO DATE:

\$74,722

WORK COMPLETED:

Project Management

The PI has maintained regular communication with peer labs and with team members.

Task 1. Literature review (100% complete).

Task 2. Survey questions (100% complete).

Task 3. Interviews and case studies (100% complete). During the last quarter, we addressed the final comments on Task 3 draft deliverable and finalized it.

Task 4. Outreach to manufacturers (100% complete). During the last quarter, we submitted the draft Task 4 deliverable, received feedback from the project panel, and finalized the document by addressing the review comments.

Task 5. Final synthesis report (100% complete). The draft Task 5 deliverable was submitted to the project panel on June 1, 2021 and a final webinar was conducted on June 10, 2021. The PI has since finalized the Final Synthesis Report.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

The section 508-compliant project final report will be submitted to Clear Roads before July 15, 2021.

STATUS AND COMPLETION DATE:

The revised project timeline (with the approved no-cost time extension) is shown as follows. We are on schedule.

Task	Current Task Start Date	Current End Date for Task Approval	Revised Task Start Date	Revised Due Date to Submit Draft Deliverables	Revised End Date for Task Approval
1	10/01/2019	2/28/2020	10/01/2019	1/31/2020	6/30/2020
2	12/1/2019	4/30/2020	12/1/2019	5/30/2020	11/15/2020
3	3/1/2020	8/31/2020	8/1/2020	1/30/2021	2/28/2021
4	4/1/2020	9/30/2020	8/1/2020	2/28/2021	3/30/2021
5	7/1/2020	12/31/2020	2/1/2021	4/30/2021	6/30/2021