

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 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, 2020 – June 30, 2020

PARTICIPATING AGENCIES:

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

PROJECT MANAGER: Tom Peters

SP&R PROJECT NO:

MnDOT Project
No. 1031544

PROJECT IS:

☐ Planning
☒ Research & Development

LEAD AGENCY: MnDOT

PRINCIPAL INVESTIGATOR:

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Washington State University

Federal Project No.
TPF-5(353)

ANNUAL BUDGET:

\$74,722

PROJECT EXPENDITURES TO DATE:

\$7,235

WORK COMPLETED:

Project Management

COVID-19 and associated lockup during the last quarter have slowed down the progress in this project. Note that the revised budget was approved by the project panel and the research team was ready to proceed with the project in late January 2020.

Task 1. Literature review (98% complete). The panel review comments were received and then the revised literature review was submitted in June 2020.

Task 2. Survey questions (80% complete). The survey results were summarized in May 2020 and submitted to the panel for review. The panel review comments were received and then the summary of survey results was submitted in June 2020.

Task 3. Interviews and case studies (0% complete)

Task 4. Outreach to manufacturers (0% complete)

Task 5. Final synthesis report (0% complete)

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

Work in the coming quarter will consist of project management as well as the completion of Tasks 1 and 2 and the beginning of Tasks 3 and 4.

STATUS AND COMPLETION DATE:

The revised project timeline is shown as follows. Partially due to the Coronavirus outbreak and subsequent lock-down of campus etc., we anticipate continued delays on Task 2 and thus some delay on Task 3 and Task 4. We will try to catch up on the schedule in the next two quarters. We are about 5 months behind the schedule below, especially for Task 3 (cannot proceed until the Panel approves Task 2 deliverable).

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	07/01/2019	11/30/2019	10/01/2019	1/31/2020	2/28/2020
2	09/01/2019	1/31/2020	12/1/2019	3/31/2020	4/30/2020
3	12/01/2019	3/31/2020	3/1/2019	7/31/2020	8/31/2020
4	01/01/2020	4/30/2020	4/1/2020	8/31/2020	9/30/2020
5	03/01/2020	7/31/2020	7/1/2020	11/30/2020	12/31/2020