

State Planning and Research Program Quarterly Report

PROJECT TITLE: *Snow Removal Performance Metrics*

OBJECTIVES: • The goal of this research is to “*identify effective performance metrics for snow and ice maintenance operations*”.

PERIOD COVERED:

October 1, 2016– December 31, 2016

PARTICIPATING AGENCIES:

Washington State University – Prime
The Narwhal Group – Subcontractor
Monte Vista Associates LLC - Subcontractor

PROJECT MANAGER: Tom Peters

SP&R PROJECT NO:

MnDOT Contract
No. 06910

PROJECT IS:

Planning
 Research & Development

LEAD AGENCY: Mn/DOT

PRINCIPAL INVESTIGATOR:

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

Federal Project ID
TPF-5(218)

ANNUAL BUDGET:

\$74,640

PROJECT EXPENDITURES TO DATE:

\$71,650

WORK COMPLETED:

Project Management

Project management activities during the quarter were focused on budget and timeline maintenance as well as management of subcontracts. Some review comments from TRB reviewers and the project panel were received in the last quarter and have been incorporated into the revision of Task 3 Deliverable and Project Final Report.

Task 1. Literature review (100% completed)

Task 2. Survey (100% completed)

Task 3. Analysis and Matrix Development (100% completed)

A revised Task 3 deliverable was submitted on August 30, 2016, which addressed the review comments received from the project panel on its draft version.

Task 4. Recommendations (100% completed)

A revised project final report was submitted on September 15, 2016, which addressed the review comments received from the project panel on its draft version.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

The key findings of this project will be presented at the TRB Annual Meeting in DC. Jan. 2017. Additional review comments from the panel will be incorporated into the revision of Task 3 Deliverable and Project Final Report. This project will be completed in the next quarter.

STATUS AND COMPLETION DATE:

On budget and on schedule since the no-cost time extension has been approved by the Minnesota DOT. Due to the delay of panel review comments, though, another three-month no-cost time extension will be requested by the PI to revise the contract end date to April 30, 2017.