

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:

April 9, 2015– June 30, 2015

PARTICIPATING AGENCIES:

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

PROJECT MANAGER: Tom Peters

SP&R PROJECT NO:

06910

PROJECT IS:

LEAD AGENCY: Mn/DOT

Planning

Research & Development

PRINCIPAL INVESTIGATOR:

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

ANNUAL BUDGET:

\$74,640

PROJECT EXPENDITURES TO DATE:

\$8,389

WORK COMPLETED:

Project Management

Project management activities during the quarter were focused on budget and timeline maintenance as well as management of subcontracts. A kickoff meeting was conducted on April 28, 2015 for the PI to discuss the scope with the panel.

Task 1. Literature review (75% completed)

The WSU team conducted a comprehensive literature review and prepared a draft literature review for the project panel to review.

Task 2. Survey (15% completed)

The WSU team prepared a draft survey instrument for the panel to review.

Task 3. Analysis and Matrix Development (0% completed)

Task 4. Recommendations (0% completed)

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 Task 1 and the majority of Task 2.](#)

STATUS AND COMPLETION DATE:

On time and on schedule. Completion date – July 31, 2016

Work Tasks	Milestone Dates	CY2015									CY2016			
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
Project Commencement	May. 1, 2015	✿												
Project Management	QPRs			◊			◊			◊			◊	
Task 1. Literature Search	May. 2015	★												
Task 2. Survey	July/Aug/Sept. 2015			✿	★	★								
Task 3. Analysis and Matrix Development	Nov. 2015 & Jan. 2016								✿		★			
Task 4. Recommendations	Feb. - Apr. 2016										✿	★	★	