

State Planning and Research Program Quarterly Report

PROJECT TITLE: *Evaluation of SSI/WSI Variables (Clear Roads 18-03, Mn/DOT Contract 1031543)*

OBJECTIVES: (1) Identify US and international agencies using SSI/WSI; (2) determine the variables and measurement methods used to create the indices; (3) gather statistical data resulting from analysis of each variable for consistency and variability; and (4) recommend the most reliable variables, with the highest correlation to storm severity, for developing SSI/WSI.

PERIOD COVERED: January 1 – March 31, 2020 (Q1, 2020)

PARTICIPATING AGENCIES: Minnesota Department of Transportation and the Clear Roads Technical Advisory Committee

PROJECT MANAGER:
Debbie Sinclair / Tom Peters

SP&R PROJECT NO:
MnDOT Contract No.
1031543

PROJECT IS:

LEAD AGENCY: MnDOT

Federal Project Number:
TPF-5(353)

Planning
 Research & Development

PRINCIPAL INVESTIGATOR:
Leigh Sturges (The Narwhal Group)

ANNUAL BUDGET: \$74,940.02

PROJECT EXPENDITURES TO DATE: \$ 56,205.02

WORK COMPLETED:

- Held kickoff teleconference with Clear Roads TAC on May 31, 2019
- Completed and submitted kickoff meeting minutes to TAC
- Completed Task 1 Literature Review and submitted draft to TAC
- Completed Task 2 survey
- Completed Task 2 report
- Administer Task 3 follow-up survey/interviews
- Compile survey/interview results
- Completed Task 3 report
- Performed Task 4 follow-up interviews
- Compiled interview results into Task 4 report
- Compiled recommendations from information gained thus far in Task 5 report
- Held teleconference with TAC to review recommendations
- Incorporated feedback into Task 5 report

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Distribute Task 5 recommendations to agencies involved with prior tasks, gather their feedback, and incorporate any changes
- Development draft spreadsheet tool and submit to TAC for feedback

STATUS AND COMPLETION DATE: Contract was amended to allow for more time to complete intermediary tasks. COVID-19 has further delayed intermediary tasks. Contractor does not expect the final task to be delayed as a result, however.