

State Planning and Research Program Quarterly Report

PROJECT TITLE: *Evaluation of SSI/WSI Variables*

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: April 1 – June 30, 2019 (Q2, 2019)

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

PROJECT MANAGER:

Lisa Jansen / Tom Peters

SP&R PROJECT NO:

MnDOT Contract No.
1031543

PROJECT IS:

Planning
 Research & Development

LEAD AGENCY: MnDOT

Federal Project Number:
TPF-5(353)

PRINCIPAL INVESTIGATOR:

Leigh Sturges (The Narwhal Group)

ANNUAL BUDGET: \$74,940.02

PROJECT EXPENDITURES TO DATE: \$ 9,381.48

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

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Compose Task 2 survey questions and administer survey
- Compile survey results into report
- Administer Task 3 follow-up survey/interviews
- Compile survey/interview results
- Perform Task 4 follow-up interviews
- Compile interview results
- Compile recommendations from information gained in Tasks 2-4 surveys and interviews

STATUS AND COMPLETION DATE: Contractor is working to get project back on schedule after late start date. Project is within budget.