

**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:** July 1 – September 30, 2019 (Q3, 2019)

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

**PROJECT MANAGER:**

Lisa Jansen / Tom Peters

**LEAD AGENCY:** Mn/DOT

**PRINCIPAL INVESTIGATOR:**

Leigh Sturges (The Narwhal Group)

**SP&R PROJECT NO:**

MnDOT Contract No.  
1031543

Federal Project Number:  
TPF-5(353)

**PROJECT IS:**

Planning  
 Research & Development

**ANNUAL BUDGET:** \$74,940.02

**PROJECT EXPENDITURES TO DATE:** \$ 20,012.38

**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

**SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:**

- Complete Task 3 report
- 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.