

**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, 2020

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

<p><b>PROJECT MANAGER:</b> Debbie Sinclair / Tom Peters</p> <p><b>LEAD AGENCY:</b> MnDOT</p> <p><b>PRINCIPAL INVESTIGATOR:</b> Leigh Sturges, The Narwhal Group</p>	<p><b>SP&amp;R PROJECT NO:</b> MnDOT Contract No. 1031543</p> <p>Federal Project Number: TPF-5(218)</p>	<p><b>PROJECT IS:</b></p> <p>_____ Planning</p> <p><u>  X  </u> Research &amp; Development</p>
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**ANNUAL BUDGET:** \$74,940.02

**PROJECT EXPENDITURES TO DATE:** \$ 71,474.00

**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
- Distributed Task 5 recommendations to agencies involved with prior tasks, gathered their feedback, and incorporated changes; finalized document as Task 6 deliverable/final recommendations document.
- Began Task 7 spreadsheet tool.
- Began Task 8 Final Report.
- Submit Task 7 spreadsheet tool to TAC for feedback.
- Submit Task 8 Final Report to TAC for feedback.

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

- Finalize and deliver Final Report to TAC.

**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.