

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: October 1 – December 31, 2019 (Q4, 2019)

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: Mn/DOT

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: \$ 47,183.79

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

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Summarize recommendations from information gained thus far for Task 5 report
- Hold teleconference with TAC to review recommendations
- Finalize Task 5 recommendations
- Distribute Task 5 recommendations to agencies involved with prior tasks, gather their feedback, and incorporate any changes
- Begin development of spreadsheet tool

STATUS AND COMPLETION DATE: Contractor has proposed a contract amendment for an adjusted schedule. Project is within budget.