

**State Planning and Research Program
Quarterly Report**

PROJECT TITLE: Weather Event Reconstruction and Analysis Tool

OBJECTIVES: To design (Part 1) and develop (Part 2) an analysis tool that allows (Clear Roads) agencies to more quickly and easily reconstruct winter weather events.

PERIOD COVERED: April 1 – June 30, 2017

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

PROJECT MANAGER:

Debra Fick / Tom Peters

SP&R PROJECT NO:

MnDOT No. 1026089

PROJECT IS:

 Planning

 X Research & Development

LEAD AGENCY: Mn/DOT

Federal Project No.

TPF-5(218)

PRINCIPAL INVESTIGATOR:

Chris Albrecht / Leigh Sturges
(The Narwhal Group)

ANNUAL BUDGET: \$57,549.20

PROJECT EXPENDITURES TO DATE: \$9,687.89

WORK COMPLETED:

- Held kickoff teleconference with TAC on February 24, 2017
- Completed and submitted meeting minutes to TAC
- Conducted electronic survey of Clear Roads members
- Completed and submitted draft and final list of data requirements for weather event reconstruction
- Produced draft data source catalog
- Held teleconference with TAC on May 26, 2017
- Completed and submitted meeting minutes to TAC
- Completed and submitted draft and final data source catalog

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Hold third teleconference with TAC
- Produce meeting minutes to TAC
- Produce web tool proposal
- Begin development of functioning web tool

STATUS AND COMPLETION DATE: Currently working on Part 1, with Part 2 pending. Project is on schedule and on budget, with overall completion date of January 31, 2019, as stated in contract.