

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: January 1 – March 31, 2018

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

PROJECT MANAGER:

Debra Fick / Tom Peters

SP&R PROJECT NO:

Mn/DOT Contract Number
1026089

PROJECT IS:

Planning
 Research & Development

LEAD AGENCY: Mn/DOT

PRINCIPAL INVESTIGATOR:

Chris Albrecht / Leigh Sturges
(The Narwhal Group)

Federal Project Number
TPF-5(218)

ANNUAL BUDGET: \$57,549.20

PROJECT EXPENDITURES TO DATE: \$23,207.58

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
- Developed and submitted draft web tool description and system needs summary
- Held teleconference with TAC on July 17, 2017
- Completed and submitted meeting minutes to TAC
- Completed and submitted draft and final web tool proposal
- Held teleconference with TAC on September 22, 2017
- Submitted revised Part 2 budget to Clear Roads TAC

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Begin development of functioning web tool
- Test web tool functionality with Clear Roads member agencies

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