

## State Planning and Research Program Quarterly Report

**PROJECT TITLE:** 14-04: Plug and Play Phase II

**OBJECTIVES:** This project will build on the efforts of both the Plug and Play Initiative and the Connected Vehicle Project to define a standardized set of data (attributes and units of measure) available from winter operations equipment and then identify the standards for the transmission of data from vehicle to a point location.

**PERIOD COVERED:** April 1 to June 30, 2015

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

**PROJECT MANAGER:** Debra Fick/ Tom Peters

**SP&R PROJECT NO:**  
MnDOT Contract No.  
06909

**PROJECT IS:**

Planning  
 Research & Development

**LEAD AGENCY:** Mn/DOT

Federal Project Number:  
TPF-5(218)

**PRINCIPAL INVESTIGATOR:** Scott Petersen

**ANNUAL BUDGET:** \$81,690

**PROJECT EXPENDITURES TO DATE:** \$ 9,646.31

**WORK COMPLETED:**

- Held Kickoff Meeting
- Developed problem statement clarification document
- Began work on Literature Review

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

- Finalize problem statement
- Finalize Literature Review
- Begin Agency Survey

**STATUS AND COMPLETION DATE:**

The literature review task is in progress. The research team and Clear Roads subcommittee are in the process of clarifying the problem statement. The research topic is technical in nature and this process will allow the project to move forward with an approach that is consistent with the outcomes that the subcommittee aims to learn from this project.

The project is expected to be completed by August 31, 2016.