

**State Planning and Research Program
Quarterly Report**

PROJECT TITLE: Develop Test Bed Software to Quality Plug & Play Technology

OBJECTIVES: Develop a software suite that will be used to validate and certify candidate Spreader Controllers and AVL Equipment for compliance with the current Clear Roads Universal In-Cab Performance Specification and Communications Protocol

PERIOD COVERED: 2018-10 to 2018-12

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

PROJECT MANAGER:

Debra Fick/ Tom Peters

LEAD AGENCY: Mn/DOT

PRINCIPAL INVESTIGATOR:

Sean Mulligan, Parsons

SP&R PROJECT NO:

MnDOT Contract No.
132007

Federal Project Number:

TPF-5(218)

PROJECT IS:

 Planning

 X Research & Development

ANNUAL BUDGET: \$108,160.67

PROJECT EXPENDITURES TO DATE: \$ 64,502.71

WORK COMPLETED:

- Task 1 – Needs Assessment
- Task 2 – Software Suite Development

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Task 3 – Pilot Test
- Task 4 – Guides and Instructions
- Task 5 – Disaster Recovery Plan
- Task 6 – Continued Support

STATUS AND COMPLETION DATE:

Since the pilot launch, vendor interactions through the support email address and website have been minimal, with Bosch continuing to be the primary organization engaging during the pilot period. There were no new vendor sign ups, and only one additional query email regarding the nature of the website.

Current Schedule for Next Quarter

- 2019-01 – Submit Task 4 and Task 5 Final Documents.
- 2019-02 – Submit Task 3 Whitepaper
- 2019-03 – Continued Support