## State Planning and Research Program
### Quarterly Report

**PROJECT TITLE:** Training for Supervisors and Operators

**OBJECTIVES:** The goal of this project is to develop a comprehensive, easy-to-use training program for winter maintenance supervisors and operators. Under this contract, our team will work with the Minnesota Department of Transportation and Clear Roads Technical Advisory Committee to identify and compile the many resources on winter maintenance and develop a series of 18 training modules for supervisors, seasoned operators, and new operators for use in the classroom or online. Information gathered through synthesis is only valuable if it can be effectively transmitted in clearly prepared documents and materials.

**PERIOD COVERED:** October 1, 2016 – December 31, 2016

**PARTICIPATING AGENCIES:**
Clear Roads

**PROJECT MANAGER:**
Tom Peters, MnDOT

**LEAD AGENCY:**
Minnesota Department of Transportation

**PRINCIPAL INVESTIGATOR:**
Jim Grothaus, University of Minnesota

**SP&R PROJECT NO:**
MnDOT Contract No. 99008 Work Order No. 168

**PROJECT IS:**
- Planning
- X Research & Development

**BUDGET:**
$99,857
Amended Budget approx. $123,857

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**PROJECT EXPENDITURES TO DATE:**
It is an 18 month contract. We have completed 22 months of the work. An estimate of the amount of spent to date would be: $122,000.00
WORK COMPLETED:
Updated work

The final versions Modules 1-18 were shared with Clear Roads staff in early November 2016.

Module 19: "Supervisors and Winter Maintenance" has been reviewed for technical merit and comments were provided to the University. The University is currently making final edits.

Module 20: "Getting ready for Winter" has been reviewed for technical merit and comments were provided to the University. The University is currently making final edits.

Module 21: “Drivers Education” has been reviewed for technical merit and comments were provided to the University. The University is currently making final edits.

All slides and information from the "Record Keeping" modules are currently being incorporated into the following modules:

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<td>Getting Ready for Winter</td>
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<td>Driver’s Education</td>
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A draft report was submitted by October 31, 2017.

An amendment was executed to extend the contract to April 30, 2017 and change the contract language for TASK 9 of the Contract.
**SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:**

Final versions of the 19-21 will be shared with Clear Road members by January 31, 2017.

The consultant will plan to have a Webinar for Clear Road Members in the Early February 2017.

**STATUS AND COMPLETION DATE:**

93% complete. February 28, 2017 is the projected date for submittal of all Tasks to Clear Roads along with the completion of a webinar.