

**State Planning and Research Program  
Quarterly Report**

**PROJECT TITLE:** *Standard Specifications for Plow Blades with Carbide Inserts*

**OBJECTIVES:** Develop a set of accepted specifications and drawings to be used by multiple agencies.

**PERIOD COVERED:** July 1, 2019 – September 30, 2019

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

**PROJECT MANAGER:**

Lisa Jansen / Tom Peters

**SP&R PROJECT NO:**

MnDOT Contract No.  
1028785

**PROJECT IS:**

Planning  
 Research & Development

**LEAD AGENCY:** Mn/DOT

Federal Project Number:  
TPF-5(353)

**PRINCIPAL INVESTIGATOR:**

Erik Minge, SRF Consulting Group

**ANNUAL BUDGET:** \$53,788

**PROJECT EXPENDITURES TO DATE:** \$41,737

**WORK COMPLETED:**

- Continue writing standard specifications and prepare CAD drawings (Task 4).

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

- Submit draft Standard Specifications and CAD Drawings technical memorandum (Task 4).
- Schedule conference call with the TAC to discuss Task 4 memorandum

**STATUS AND COMPLETION DATE:** Similar to last quarter, the completion of Task 4 has taken significantly longer than anticipated because our subconsultant (Kirchner & Associates) has encountered delays beyond his control. The completion date of 10/31/2019 needs to be extended through a no-cost amendment, we will start the paperwork for this change. Our sub will have a very small role in the final task of the project (Task 5) so we do not anticipate needing additional time to complete this task.