

**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: April 1, 2018 – June 30, 2018

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:

Erik Minge, SRF Consulting Group

SP&R PROJECT NO:

MnDOT Contract No.
1028785

Federal Project Number:

TPF-5(353)

PROJECT IS:

Planning

Research & Development

ANNUAL BUDGET: \$ 49,920.00

PROJECT EXPENDITURES TO DATE: \$ 16,368.07

WORK COMPLETED:

- Submitted draft Literature Review memorandum (Task 1), incorporated TAC comments, and submitted final.
- Compiled list of carbide specifications (part of Task 2).

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Survey Clear Roads states and other agencies about carbide use (Task 2).
- Survey carbide vendors and manufacturers about state of the industry (Task 2).
- Submit draft deliverables for Task 2 for review, revise based on comments and issue final deliverables.
- Begin data synthesis and analysis (Task 3).

STATUS AND COMPLETION DATE: Project proceeding according to schedule with an anticipated completion of January 2019. Additional effort was required to incorporate TAC comments into the Literature Review deliverable. We plan to be more efficient on remaining project tasks to stay within remaining project budget.