State Planning and Research Program Quarterly Report  PROJECT TITLE: Standard Specifications for Plow Blades with Carbide Inserts					
			<b>OBJECTIVES</b> : Develop a set of accepted specifications and drawings to be used by multiple agencies.		
			PERIOD COVERED: October 1, 2019 – December 31, 2019		
<b>PARTICIPATING AGENCIES:</b> Minnesota Department of Transportation and the Clear Roads Technical Advisory Committee					
PROJECT MANAGER:	SP&R PROJECT NO:	PROJECT IS:			
Debbie Sinclair / Tom Peters	MnDOT Contract No.	DI .			
LEAD AGENCY: Mn/DOT	1028785 Federal Project Number:	Planning X Research & Development			
PRINCIPAL INVESTIGATOR:	TPF-5(353)				
Erik Minge, SRF Consulting Group					
ANNUAL BUDGET: \$53,788	PROJECT EXPENDITURES TO DATE: \$42,867				

## **WORK COMPLETED:**

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

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

- Finalize Task 4.
- Complete Task 5.

**STATUS AND COMPLETION DATE**: Project is currently on hold while we wait direction from the TAC on Task 4. Also, as noted in the previous quarterly reports, we experienced delays earlier in the project related to health issues with our sub-consultant.