State Planning and Research Program
Quarterly Report (1st Quarter 2011)

PROJECT TITLE:
Loop and Length Based Vehicle Classification

OBJECTIVES:
Field test installation methods for loop and non-loop detectors to determine the most cost effective and best performing procedures and materials. Determine the number of bins and the length spacing for each of those bins for uniform collection of length based classification data. Establish calibration standards for vehicle length based measurements. Evaluate classification schemes at existing data collection sites in multiple states.

PERIOD COVERED:
January 1, 2011 to March 31, 2011

PARTICIPATING AGENCIES:
Alaska DOT&PF, Connecticut DOT, Florida DOT, Idaho Transportation Department, Illinois DOT, Michigan DOT, Minnesota DOT, New York DOT, Ohio DOT, Pennsylvania DOT, Texas DOT, Washington DOT, Wisconsin DOT, Wyoming DOT

PROJECT MANAGER:	**SP&R PROJECT NO**:	PROJECT IS:
Gene Hicks, Mn/DOT **LEAD AGENCY**: Mn/DOT **PRINCIPAL INVESTIGATOR**: Erik Minge, SRF Consulting Group, Inc.	TPF-5(192)	____ Planning __X__ Research & Development

ANNUAL BUDGET:	**PROJECT EXPENDITURES TO DATE**:
$200,000 **TOTAL CONSULTANT BUDGET**: $404,543 (Phase 1 and Phase 2)	$4,538 - Travel expenses for kick off meeting $10,600 - Travel expenses for TAC meeting in Seattle. **CONSULTANT EXPENDITURES TO DATE**: $121,633

WORK COMPLETED THIS QUARTER:
Project was on hold pending the spring field installation.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:
Finalize the Test Plan. Install loops and non-loop sensors at the Mn/ROAD Test Site. Commence field testing of loop and non-loop sensors. Coordinate with states for calibration and data collection.

STATUS AND COMPLETION DATE:
Delays in contracting and starting the project pushed the schedule back two months. The fall field installation was postponed due to early snowfall, but it is expected that the project will get back on schedule in the spring with efficient and concurrent field tests.

Note: project has been split into two phases. Phase 1 consists of tasks 1 through 4, and phase 2 consists of tasks 5 through 8.