# State Planning and Research Program
## Quarterly Report

**PROJECT TITLE**: *Axle and Length Classification Factor Analysis and Effects on Annual Average Daily Traffic (AADT)*

**OBJECTIVES**: Axle factors are used to estimate annual average daily traffic (AADT) volume. Classification and length sites are used to determine axle factors. The objective of this project is to understand the relationship of classification versus length data when generating axle factors.

**PERIOD COVERED**:  January 1 to March 31, 2017

**PARTICIPATING AGENCIES:** Georgia Department of Transportation, Idaho Department of Transportation, Illinois Department of Transportation, Iowa Department of Transportation, Kansas Department of Transportation, Minnesota Department of Transportation, New York State Department of Transportation, North Dakota Department of Transportation, Ohio Department of Transportation, Pennsylvania Department of Transportation, Texas Department of Transportation, Utah Department of Transportation, Wisconsin Department of Transportation

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| **PROJECT MANAGER**: Susie Forde/Lori Richter <br><br> **LEAD AGENCY**: Wisconsin Department of Transportation <br><br><br><br> **PRINCIPAL INVESTIGATOR**:  Scott Petersen | **SP&R PROJECT NO**: MnDOT Contract No. <br><br> Federal Project Number: TPF-5(340) | PROJECT IS: <br><br> _____ Planning <br>  X    Research & Development |
| **ANNUAL BUDGET**: $89,950 | **PROJECT EXPENDITURES TO DATE**: $ 66,442 | |

**WORK COMPLETED:**
- Held Kickoff Meeting at NATMEC
- Completed Literature Review
- Held project meeting (workshop) to solicit input about literature review and survey
- Determined analysis methodology
- Performed analysis of Wisconsin data
- Held project meeting to discuss Tasks 2-4

**SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER**:
- Send survey
- Perform final analysis of LTPP data and other data sets
- Hold project meeting in Minnesota to discuss the final report and findings (5/16/17).

**STATUS AND COMPLETION DATE**:

The project is expected to be completed by June 6, 2017.