

**TRANSPORTATION POOLED FUND PROGRAM  
Quarterly Report**

**PROJECT TITLE:** Program to Support the Development and Deployment of Infrastructure IntelliDrive Applications

**OBJECTIVES:** To provide a means to conduct the work necessary for infrastructure providers to play a leading role in IntelliDrive

**PERIOD COVERED:** July – September 2009

**PARTICIPATING AGENCIES:** California DOT, FHWA, Florida DOT, Michigan DOT, New York DOT, Texas DOT, and Virginia DOT

**PROJECT MANAGER:**

**SP&R PROJECT NO:**

**PROJECT IS:**

**LEAD AGENCY:** Virginia DOT

Planning

Research & Development

**PRINCIPAL INVESTIGATOR:**

**ANNUAL BUDGET:** \$350,000

**PROJECT EXPENDITURES TO DATE:**\$22,156

**WORK COMPLETED:**

- Project kick-off meeting:  
A project kick-off conference call was held on July 8, 2009. At this meeting, the overall scope of the pooled fund study was reviewed/finalized and the direction for the 1<sup>st</sup> year research was presented.
- Selection of the applications for the Year 1 Research Program:  
A list of potential applications with brief descriptions, goals and objectives was identified and distributed to the Pooled Fund Study members. Feedback was received through a conference call on August 26, 2009 and emails/phone calls. Finally, based on the feedback, three applications for prototyping and evaluation in the Year 1 research program were selected as following:
  - IntelliDrive Traffic Signal Control Algorithms,
  - Pavement Maintenance Support, and
  - Improving Arterial Travel Using Signal Phase and Timing (SPAT) Data.

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

- Detailed scopes of work and the strategy for assembling the research teams for the selected applications will be prepared.
- Once these are finalized by the pooled fund study members, the actual work will be initiated by the lead state or an RFP will be issued for a competitive bidding process.

**STATUS AND COMPLETION DATE:**

Percentage of work completed to date for total project

Project is: 3 %

X on schedule \_\_\_ behind schedule, explain:

Expected completion Date: June 30, 2011

