**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:** January – March 2011  
**PARTICIPATING AGENCIES:** California DOT, FHWA, Florida DOT, Maricopa County, Michigan DOT, Minnesota DOT, New York DOT, Texas DOT, Virginia DOT and Washington DOT

**PROJECT MANAGER:** SP&R PROJECT NO:  
**LEAD AGENCY:** Virginia DOT  
**PRINCIPAL INVESTIGATOR:**  
**ANNUAL BUDGET:** $350,000  
**PROJECT IS:**  

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<td>SP&amp;R PROJECT NO:</td>
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**PROJECT EXPENDITURES TO DATE:** $344,214

**WORK COMPLETED:**

1. **Year 1 Program**
   a. IntelliDrive Traffic Signal Algorithm – draft reports for Tasks 1, 4, and 5 were delivered and distributed to the PFS members for comments.  
b. SPAT Benefits – Task 3 and 4 draft reports were received and distributed.  
c. Pavement Maintenance Support Application of IntelliDrive – a draft report for the 3rd quarter was delivered and distributed to the PFS members for comments.

2. **Year 2 Program**
   a. 13 proposals in response to the RFPs for the following two projects were received by Friday, January 28.  
      i. Aftermarket IntelliDrive℠ On-Board Equipment  
      ii. Certification Program for IntelliDrive℠  
   b. The proposals were distributed to the PFS on Wednesday, February 2 for evaluation scores.  
   c. Written evaluation scores from the PFS members were received by Friday, February 25. The items/weights for evaluation are:  
      i. Technical plan 50%  
      ii. Experience 30%  
      iii. Price 10%  
      iv. SWAM 10%  
   d. Call on Monday, March 7 12:00-1:00PM  
      i. The purpose of this call was to discuss the evaluation results for the proposals  
      ii. Based on the discussion,  
         1. OmniAir was selected for the Certification Program for IntelliDrive℠ project  
         2. Visteon was chosen for the Aftermarket IntelliDrive℠ On-Board Equipment aftermarket OBE project  
   e. A final evaluation summary was compiled and forwarded to the UVA procurement services on March 16.
3. **PFS Dynamic Mobility Application (DMA) Program**
   a. At the call on Friday, January 7 12:00-1:00PM EST, descriptions for two recommended projects were discussed.
      i. IntelliDrive-Enabled Transportation Management Support System: Integrating Multi-Modal Traveler Information and Dynamic Routing
      ii. IntelliDrive-Enabled Traffic Signal Operation System
   b. The PFS management team revised and distributed the program description document to the members.
   c. At the AASHTO meeting in Irvine (see below for more details), it was determined that only one project (Multi-Modal Intelligent Traffic Signal System) would be pursued at this point.
   d. The project description was finalized through a call with FHWA on Thursday, March 3 10:00-11:00AM EST and a call with the PFS members on Monday, March 14 12:00-1:00PM EDT.

4. **Meetings**
   a. A face-to-face PFS meeting was held in conjunction with the AASHTO meeting in Irvine, CA on Feb 15-16.
      i. A PFS update document was prepared and presented.
      ii. Specific items presented and discussed are:
         1. Overall program status
         2. PFS DMA projects
         3. Phase II of the PFS program

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<tr>
<th>SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:</th>
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<tr>
<td>1. Year 1 Program</td>
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<td>a. Draft final reports for three projects will be delivered and distributed to the PFS members.</td>
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<td>b. A webinar will be held on Tuesday, April 19 12:00-2:00PM EDT for final project presentation.</td>
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<td>2. Year 2 Program</td>
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<td>a. Selection of the contractors will be finalized and a Purchase Order will be issued accordingly.</td>
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<td>3. PFS Dynamic Mobility Application (DMA) Program</td>
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<td>a. A scope of work document will be prepared.</td>
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<th>STATUS AND COMPLETION DATE:</th>
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<tr>
<td>Percentage of work completed to date for total project</td>
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<td>Project is: 49%</td>
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<td>___ on schedule ___ X behind schedule, explain: Procurement time required for Year 1 and Year 2 projects resulted in delay. Sufficient funds remain to complete work – project will require a no-cost extension. In addition, members are actively considering extending the project for an additional 2 years following current end date of 6/30/11.</td>
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<td>Expected completion Date: June 30, 2011</td>
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