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: April – June 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: LEAD AGENCY: Virginia DOT
PRINCIPAL INVESTIGATOR:

SP&R PROJECT NO: PROJECT IS:

PROJECT EXPENDITURES TO DATE: $453,521

ANNUAL BUDGET: $350,000

WORK COMPLETED:

1. Year 1 Program
   a. Draft final reports for three projects (IntelliDrive Traffic Signal Algorithms, SPAT benefits, and Pavement Maintenance Support Application for IntelliDrive) were delivered and distributed to the PFS members on April 14th.
   b. A webinar was held on Tuesday, April 19th 12:00-2:00PM EDT for final project presentations.
   c. After incorporating the comments received at the webinar, the contractors submitted the final project reports.
   d. All three Year 1 projects are now complete.

2. Year 2 Program
   a. Selection of the contractors
      i. As part of the selection process, negotiation questions were sent to the potential contractors on April 8th and the answers were received on 12th.
      ii. Finally, Visteon was chosen for the Aftermarket OBE project and OmniAir was selected for the Certification project.
      iii. Purchase Order was issued to the selected contractors on April 14.
   b. CTS Certification project by OmniAir
      i. A kick-off call was held on Thursday, April 28th 2:30-3:00PM
      ii. Task1 report was delivered on June 6th
      iii. A conference call was held on Wednesday, June 8th 11:00AM to review and walk-through the draft Task 1 report.
   c. Aftermarket OBE project by Visteon
      i. A kick-off call was held on Thursday, April 28th 10:00-10:30AM
      ii. In progress as scheduled.
3. **PFS Dynamic Mobility Application (DMA) Program**
   
a. An initial version of the RFP (Rev1.0) for the Multi-Modal Traffic Signal Systems project was prepared in early May and distributed to the PFS members for comments.
b. A conference call to discuss Rev1.0 RFP and to seek for comments was held on Tuesday, May 24th 12:00PM EDT.
c. Based on the comments gathered at the conference call, a Rev2.0 RFP was prepared and sent out for comments.
d. After further discussions with US DOT, a Rev3.0 RFP was prepared to modify the overall scope of the project.

4. **Miscellaneous**
   
a. Attended a workshop on “Connected Vehicles Core System ConOps” in Detroit, Michigan on May 17th.
b. The CTS PFS website was renovated to reflect the name changes from IntelliDrive to the Cooperative Transportation Systems Pooled Fund Study and to incorporate the contents of two year 2 projects.

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

1. **Year 2 Program**
   
a. CTS Certification project by OmniAir  
   i. Task2 report will be delivered in mid July.  
   ii. Will have a follow-up call to discuss the Task 2 report.  
b. Aftermarket OBE project by Visteon  
   iii. Will be conducted as scheduled.

2. **PFS Dynamic Mobility Application (DMA) Program**
   
a. A conference call to discuss and finalize the RFP (Rev3.0) will be held on Monday, July 11th 12:00PM EDT.  
b. A final version of the RFP (Rev4.0) will then be prepared and the procurement process will be initiated shortly.

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**STATUS AND COMPLETION DATE:**

Percentage of work completed to date for total project  
Project is: 65. %  
___ 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 was extended until the end of December 2011. In addition, members are actively considering extending the project for an additional 2 years following new end date of 12/31/11.  
Expected completion Date: December 31, 2011