

**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:**

**SP&R PROJECT NO:**

**PROJECT IS:**

**LEAD AGENCY:** Virginia DOT

Planning

**PRINCIPAL INVESTIGATOR:**

Research & Development

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

**PROJECT EXPENDITURES TO DATE \$453,521**

**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 14<sup>th</sup>.
- b. A webinar was held on Tuesday, April 19<sup>th</sup> 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 8<sup>th</sup> and the answers were received on 12<sup>th</sup>.
  - 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 28<sup>th</sup> 2:30-3:00PM
  - ii. Task1 report was delivered on June 6<sup>th</sup>.
  - iii. A conference call was held on Wednesday, June 8<sup>th</sup> 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 28<sup>th</sup> 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 24<sup>th</sup> 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 17<sup>th</sup>.
- 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.

**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 11<sup>th</sup> 12:00PM EDT.
- b. A final version of the RFP (Rev4.0) will then be prepared and the procurement process will be initiated shortly.

**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