Cooperative Transportation Systems Pooled Fund Study

Program to Support the Development and Deployment of Cooperative Transportation Systems Applications

University of Virginia Center for Transportation Studies

Progress Report

July 2013

Project Activities/Progress

1. Pooled Fund Study Overall
   a. Travel reimbursement requests from the face-to-face meeting in Ann Arbor, Michigan on June 25th-27th are being processed.

2. Round#3 PFS Projects
   a. Traffic Management Centers in a Connected Vehicle Environment
      i. Task1: Review CV Program Activities in relation to TMS Ops – complete
      ii. Task2: Investigate Expected Changes in TMCs
         1. Scheduling and facilitating interviews with Florida and Virginia
   b. 5.9GHz Dedicated Short Range Communication Vehicle Based Road and Weather Condition Application
      i. Task1: Requirements Document
         1. A final report is being prepared and will be submitted in August.
      ii. Task2: Concept of Operations
         1. A final report is being prepared and will be submitted in August.
      iii. Task3: Application Development
         1. Selected DSRC OBEs and RSEs

3. PFS DMA Project (MMITSS)
   a. Task4. Final System Design – complete
      i. A draft final report was approved after PFS review.
   b. Task5. Final Deployment and Field Test Plan – complete
      i. A draft final report was approved after PFS review.

4. PFS DMA Phase II
   a. Status
      i. A final proposal from University of Arizona was submitted and ready.
      ii. MOU between VDOT and USDOT was signed on July 18th.
      iii. Waiting for US DOT’s commitment to appear in the system.
   b. Next Steps
      i. As soon as the commitment from US DOT becomes available
      ii. New contract between UVA and VDOT in early August
      iii. New contract between UVA and U of Arizona in mid August
5. **Round#4 Projects Planning**
   a. UVA CTS prepared a preliminary document including several possible topics for the next round of research program.
   b. A discussion will be initiated at the PFS monthly call on August 2\textsuperscript{nd}.

**Project Status**
The project is on schedule.

**Invoice Notes**
None