

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
April 2013

Project Activities/Progress

1. Pooled Fund Study Overall

- a. A CTS PFS monthly call was held on April 5th.
- b. Next face-to-face meeting planning
 - i. Ann Arbor, Michigan on June 25-27 (Tuesday-Thursday)
 - ii. Tentative agenda
 - 1. PFS on the 25th
 - 2. AASHTO on the 26th
 - 3. Michigan Testbed demo/tour on the 27th

2. Round#3 PFS Projects

- a. Traffic Management Centers in a Connected Vehicle Environment
 - i. Task1. Review Connected Vehicle Activities in Relation to TMC Operations
 - 1. A questionnaire was sent to TMCs and information is being collected (by 04/26).
 - ii. Task2. Investigating Expected Changes in TMCs
 - 1. A draft initial TMC concept paper is being prepared.
- b. 5.9GHz Dedicated Short Range Communication Vehicle Based Road and Weather Condition Application
 - i. A bi-weekly conference call was held on April 25th 1:00PM EDT.
 - ii. Tasks are being performed as planned.

3. PFS DMA Project (MMITSS)

- a. Task4. Final System Design – will be delivered in May
- b. Task5. Final Deployment and Field Test Plan – in progress

4. PFS DMA Phase II

- a. The contractor (University of Arizona) submitted a draft scope and budget document for the next phase PFS DMA project. This draft document was discussed at the PFS monthly call on April 5th and will be revised accordingly.
- b. Next Steps

- i. Scope/budget finalization
- ii. Commitment from USDOT, CalTrans, and Maricopa County by the end of April
- iii. Revise contract between UVA and VDOT in May
- iv. Revise contract between UVA and U of Arizona in June

Project Status

The project is on schedule.

Invoice Notes

None