

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
June 2013

Project Activities/Progress

1. Pooled Fund Study Overall

- a. A face-to-face meeting
 - i. Held in Ann Arbor, Michigan on June 25th-27th and the first day (25th) was dedicated to the CTS PFS team.
 - ii. Major agenda items discussed are as follows:
 - 1. CTS PFS overall status update
 - 2. Member activity updates
 - 3. Future project discussion
 - 4. Current project updates
 - a. TMC project
 - b. DSRC Weather project
 - c. MMITSS Phase I project

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. Facilitated two on-site interviews with Michigan on June 17, and Arizona/MCDOT on June 18.
 - iii. Lisa Burgess (KHA) gave a presentation at the CTS PFS face-to-face meeting on June 25th.
- b. 5.9GHz Dedicated Short Range Communication Vehicle Based Road and Weather Condition Application
 - i. Task1: Requirements Document
 - 1. A draft report was submitted and PFS comments were provided.
 - ii. Task2: Concept of Operations
 - 1. A draft report was submitted and PFS comments were provided.
 - iii. Kyle Garrett (Synesis) gave a presentation at the CTS PFS face-to-face meeting on June 25th.

3. PFS DMA Project (MMITSS)

- a. Task4. Final System Design
 - i. A draft final report was delivered and being reviewed for a final approval.

- b. Task5. Final Deployment and Field Test Plan – almost complete
 - i. A revised scope document was delivered and will be finalized after PFS final review.

4. PFS DMA Phase II

- a. Status
 - i. A final scope/budget document is ready.
- b. Next Steps
 - i. MOU between VDOT and USDOT in signature process
 - ii. New contract between UVA and VDOT in early July
 - iii. New contract between UVA and U of Arizona - target for a August 1 start date

Project Status

The project is on schedule.

Invoice Notes

None