

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
May 2013

Project Activities/Progress

1. Pooled Fund Study Overall

- a. A CTS PFS monthly call was held on May 31st.
- b. Next face-to-face meeting planning
 - i. Location: Ann Arbor, Michigan
 - ii. Dates: June 25-27 (Tuesday-Thursday)
 1. CTS PFS
 2. AASHTO
 3. NCHRP Benefit Costs Study / Michigan Testbed demo/tour
 - iii. A draft agenda was prepared including the following discussion items:
 1. Member activities updates – not formal, 5min each, w/ or w/o template
 2. Future project discussion – a document summarizing candidate ideas along with available funds will be sent out in advance.
 3. Current Project updates

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
 1. A final working paper synthesizing the initial TMC survey results was submitted and approved.
 - ii. Task2: Investigate Expected Changes in TMCs
 1. A TMC Concepts paper was prepared and being revised.
 2. A questionnaire for an in-depth interview with selected TMCs was delivered and distributed on May 13th.
- b. 5.9GHz Dedicated Short Range Communication Vehicle Based Road and Weather Condition Application
 - i. Draft deliverables for Task1: Requirements Document and Task2: Concept of Operations were submitted and distributed to PFS members.
 - ii. Kyle Garrett (Synesis) gave a presentation on Task1 and Task2 during the CTS PFS monthly call on May 31st.

3. PFS DMA Project (MMITSS)

- a. Task4. Final System Design – will be delivered early June.
- b. Task5. Final Deployment and Field Test Plan – almost complete

4. PFS DMA Phase II

- a. Status
 - i. Almost complete, waiting for budget confirmation from U of Arizona
- b. Next Steps
 - i. MOU between VDOT and USDOT in signature process
 - ii. New contract between UVA and VDOT in early June
 - iii. New contract between UVA and U of Arizona - target for a July 1 start date

Project Status

The project is on schedule.

Invoice Notes

None