

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
August 2013

Project Activities/Progress

1. Pooled Fund Study Overall

- a. A PFS monthly conference call was held on August 2nd 1:00-2:00PM EDT.

2. Round#3 PFS Projects

- a. Traffic Management Centers in a Connected Vehicle Environment
 - i. Task2: Investigate Expected Changes in TMCs
 - 1. All interviews completed with Michigan, Maricopa County, Florida, and Virginia.
- b. 5.9GHz Dedicated Short Range Communication Vehicle Based Road and Weather Condition Application
 - i. Task1: Requirements Document – completed, final report on 8/26
 - ii. Task2: Concept of Operations – completed, final report on 8/26
 - iii. Task3: Application Development
 - 1. Start development of OBE application components
 - 2. Start development of RSE application components
 - iv. Task4: Application Installation and Testing – on-going
 - 1. Working with NYSDOT to select RSE sites
 - 2. Start procurement of OBEs and RSEs
 - v. Addition of Aftermarket Sensors
 - 1. The members agreed to fund given the cost estimate fits within budget constraints.
 - 2. Rick has requested a draft scope from the vendors.
 - 3. Synesis will propose a modification of their existing scope of work to add aftermarket sensors and provide an additional cost estimate.

3. PFS DMA Phase II

- a. US DOT commitment received on August 2nd.
- b. Contract between UVA and VDOT established on August 15th.
- c. Contract between UVA and U of Arizona is being established (by mid-September)

4. Round#4 Projects Planning

- a. A revised scope for the tentative project “Tracking the Status of Connected Vehicle Testbeds Deployment” was prepared and being revised.

Project Status

The project is on schedule.

Invoice Notes

None