

## 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  
September 2013

#### Project Activities/Progress

##### 1. Pooled Fund Study Overall

- a. Next face-to-face meeting in December 4-5th in Irvine, CA is being planned.
  - i. CTS PFS on 4th and AASHTO on 5th
  - ii. Proposed Agenda was prepared
    - 1. CTS PFS updates
    - 2. Member activity updates
    - 3. Current project discussion
    - 4. Future project discussion

##### 2. Round#3 PFS Projects

- a. Traffic Management Centers in a Connected Vehicle Environment
  - i. Task2: Investigate Expected Changes in TMCs
    - 1. A final concept paper and a draft expected changes report are being prepared.
- b. 5.9GHz Dedicated Short Range Communication Vehicle Based Road and Weather Condition Application
  - i. Task3: Application Development
    - 1. Working on development of OBE application components
    - 2. Working on development of RSE application components
  - ii. Task4: Application Installation and Testing – on-going
    - 1. Working with NYSDOT to select RSE sites
    - 2. Start procurement of OBEs and RSEs
  - iii. Addition of Aftermarket Sensors
    - 1. A draft scope was received from the vendors.
    - 2. Synesis submitted a scope modification and budget to accommodate aftermarket sensors.

##### 3. PFS DMA Phase II

- a. Contract between UVA and U of Arizona is being established.
- b. A contract document package was sent to U of Arizona on September 17<sup>th</sup> for signatures.

**4. Round#4 Projects Planning**

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

**Project Status**

The project is on schedule.

**Invoice Notes**

None