

CTB Innovation and Technology Subcommittee Meeting

Meeting Minutes
March 21, 2018, 11:00 AM
VDOT Central Office
1401 E. Broad Street
Richmond, VA 23019

CTB Members Present:

Hap Connors, Jr.
Alison DeTuncq
Mary H. Hynes
Stephen Johnsen
Scott Kasprowicz
John Malbon
Court Rosen

Meeting called to order at 11:03 by Scott Kaspowitz

Agenda Items:

General Discussion:

Secretary Valentine addressed the subcommittee. The Secretary stated that key focus areas of the new administration include delivering projects ahead of schedule and under budget and embracing technology and innovation. Secretary Valentine informed the subcommittee that VDOT will begin interviewing candidates for the Director of the Office of Intermodal Planning and Investment (OIPI).

Mr. Kasprowicz discussed the need for the board to develop and discuss discrete innovation and technology topics, such as connected vehicles, unmanned systems, etc. Commissioner Britch recommended first developing broad categories. Secretary Valentine suggested this issue should be coordinated with new VDOT Director of OIPI.

1. Drone Crash Reconstruction Initiative (Cary)

Deputy Commissioner Cary delivered a presentation about using unmanned aerial system technologies (drones) to support vehicle crash reconstruction investigations. The General Assembly recently passed legislation to allow law enforcement and VDOT to use drones for crash reconstructions. If the bill is signed by the Governor, there is an opportunity to reduce the crash reconstruction time and improve congestion with this technology. A phased development is proposed. ITTF funding may be used to advance the effort.

Mr. Cary informed the board that VTTI will further research the accuracy of drone technology compared to traditional crash reconstruction methods. Mr. Cary also stated that the Department is continuing to review drone technologies for other applications.

2. Update on Fiber Study (Feleshia Ballou-Thornton)

Ms. Ballou-Thornton updated the subcommittee about the study led by VDOT's P3 Office regarding opportunities to leverage VDOT's fiber optic network. Ms. Ballou-Thornton stated that the consultant team has begun the study and expects it to be completed in 12 weeks. Ms. Hynes asked if there are other locations of available fiber besides VDOT right of way. Ms. Ballou-Thornton will request the review from the study team.

3. Update on Datathons using SmarterRoads data portal (Lingham)

Ms. Virginia Lingham provided an update on future Datathons. Ms. Lingham provided a calendar of upcoming events. Multiple Datathons are scheduled with a purpose to accelerate CAV and Smart City technology development. The Datathons raise awareness of these topics and expand the use of the recent SmarterRoads data.

Recently, VDOT supported the Fairfax County hackathon and is using the lessons learned to plan future events. Event planners include VDOT, the Virginia Transportation Research Council, and CIT.

Mr. Rosen suggested including future events in both Blacksburg and Charlottesville.

4. Update on Virginia's selection as a Smart Cities Readiness Challenge Grant Winner (Connors)

Hap Connors will send out information for Smart Cities; grant was won.

Meeting adjourned at 12:00 pm.