

CTB Innovation and Technology Subcommittee Meeting

Meeting Minutes
January 10, 2018, 8:00 AM
VDOT Central Office
1401 E. Broad Street
Richmond, VA 23019

CTB Members Present:

Hap Connors, Jr.
Alison DeTuncq
Mary Hynes Hughes
Stephen Johnsen
Scott Kasprowicz
Court Rosen

Mr. Connors called the meeting to order at 8:00 AM

Agenda Items

1. Discussion of Revised Guiding Principles for the CTB's Subcommittee on Innovation and Technology of Guiding Principle

The subcommittee concluded the review of the document.

2. Virginia Public Transportation Agencies Implementing Innovative Driver Assistance Technology

Ms. Jennifer Debruhl provided a presentation the Driver Assistance Technology effort. The effort is using Mobileye Shield. The project will use a statewide cooperative procurement. A portion of the project's funding has been provided through the Innovation and Technology Transportation Fund. The project is piloted at the Greater Lynchburg Transit Co. Ten other agencies have expressed interest.

Ms. Debruhl also stated that additional initiatives will be discussed with the upcoming Transit Technology Roundtable.

3. Update on VDOT's Connected and Automated Vehicle Plan

Mr. Cary delivered an overview of the Connected and Automated Vehicle (CAV) Plan including its vision, goals, objectives and benefits. Mr. Cary discussed the CAV goals including safety, performance, and enhanced traveler information.

Mr. Connors asked if other states have regulations that make it difficult to advance the program. Mr. Cary provided an example of another state that requires a \$5M insurance requirement. There was additional discussion for the need to be prepared for widespread implementation of the technology beyond the current testing phase.

Mr. Connors discussed the need for supporting resources including fiber optic communications. Mr. Cary discussed the availability of dark fiber. VDOT has a Communications Master plan. There is over 3,500 miles of available fiber. A need to connect transportation technology devices to this fiber remains (last mile connection).

Ms. Hynes expressed concern that the subcommittee should also consider how the state recovers from a potential loss of gas tax funding from advanced technology vehicles. Mr. Kasproicz stated that there should be discussions about such future policy requirements.

4. Update on Innovation/Technology Items

- Mr. Murali Rao from VDOT provided an update on the transportation data security efforts. Mr. Kasproicz asked if independent contractors were conducting penetration testing with social engineering testing.
- Mr. Cary provided the annual reporting of the uses of the Innovation and Technology Transportation Fund.
- Mr. Cary provided a summary of the truck parking inventory.
- Mr. Cary stated that a grant funded opportunity for a peer to peer exchange regarding drone technologies was available.

Mr. Conner adjourned the meeting at 8:58.