

CTB Innovation and Technology Subcommittee Meeting

Meeting Minutes
April 19, 2017 at 8:00 AM
The Boar's Head Inn
200 Ednam Drive
Charlottesville, VA 22903

CTB Members Present:

Hap Connors, Jr.
Alison DeTuncq
Mary Hynes Hughes
Scott Kasprovicz
Court Rosen
Shannon Valentine

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

Agenda Items

1. Forward Planning Update

Mr. Rob Cary discussed the goals and upcoming tasks for the new Chief of Innovation position.

- The position will focus on executing a comprehensive, strategic approach for investing resources, including the Innovation Transportation Technology Fund, for emerging technologies and innovative practices.
- The position will promote alignment within the agency and external partners to promote a coherent, corporate approach. Immediate activities include:
 - further developing autonomous vehicle test corridors in Northern Virginia,
 - obtaining emerging additional data sources for traffic management and planning,
 - drone technologies
 - data portals
- Upcoming activities include:
 - June – develop a draft AV strategic plan
 - August - hold a one-day retreat to discuss strategic issues

2. Draft of the Strategic Planning Goals for Autonomous Vehicles

Ms. Ronique Day updated the Subcommittee about the progress of the Virginia Automated 20XX Strategic Plan. Ms. Day stated that the effort was initiated by the Secretary to develop a proactive plan to posture Virginia as a leader with the automated vehicle program. The development team includes membership across the Secretary of Transportation programs and other agencies, including the Virginia State Police. The report will provide a focus to include a set of near and long term

strategies for agencies. The strategies include changes to workforces and training needs. This plan is to serve as a guide and not to identify specific policies.

The plan will be in development for the next two weeks. A charrette is scheduled on May 3, 2017. The final plan is schedule for completion by this summer before the August CTB meeting.

3. Report on Secretary's Connected and Autonomous Vehicle Workshop

Ms. Ronique Day discussed the March 30, 2017, workshop held in Arlington, Virginia. The workshop was attended by 80 attendees with an emphasis on private sector representatives. Discussions were held on policy, research, and infrastructure. Private sector partners include OEM, software developers, universities, and federal partners. Key takeaways include:

- Virginia's lack of legal restrictions is ideal
- Testing permits are acceptable if do not become too restrictive
- Good roadways are desired
- VMT fees were discussed
- Worker shortage issues were discussed
- Private sector representatives on advisory committees was suggested
- Greater collaboration with neighboring states is desired
- Research efforts move slowly. Pilot projects could occur with military facilities if applicable.

The subcommittee discussed the importance of cyber security with this program. Mr. Rob Cary stated that VDOT is testing the security key systems. Mr. Hap Connors stated that the Center for Innovative Technology (CIT) is also working on this issue. Ms. Cathy McGhee stated that the Memorandum of Understanding is being developed between VDOT and the CIT.

Mr. Hap Connors discussed the importance of coordinating activities with external groups, such as Smart City planners, ITS developers, etc. through stronger policies to not miss opportunities. Mr. Rob Cary stated the Virginia provides a unique environment by owning and operating the majority of the Commonwealth's road network.

Mr. Kasproicz stated that the future implementation phase of the autonomous vehicle program may require policy while the development phase should not have policy.

4. Report on VTTI's Automation Park

Ms. Cathy McGhee stated that Montgomery County approved development of the facility. Construction will begin this year. The buildings for an urban environment will be constructed this fall. The lower portion of the property will provide testing facilities for non-interstate type roadways. An environmental study for the project is underway.

Other discussion items:

Mr. Rob Cary discussed the announced Advanced Transportation and Congestion Management Technologies Deployment grant. This will be discussed at the upcoming meeting.

Mr. Connors concluded the meeting at 8:55 AM.