

CTB Innovation and Technology Subcommittee Meeting

Meeting Minutes

December 7, 2016 at 8:00 a.m.

1221 E. Broad Street

Richmond, VA 23219

CTB Members present:

Hap Connors, Jr.

Alison DeTuncq

Mary Hynes Hughes

Scott Kasporwicz

Shannon Valentine

Mr. Connors called the meeting to order at 8:00 a.m. Mr. Quinton Elliott, Deputy Commissioner, announced that VDOT created a new position, Chief of Innovation. The Virginia Transportation Research Council, the Office of Technology Strategic Planning and the Public Private Partnership Office would report to this position. Mr. Elliott also announced that Ms. Cathy McGhee was selected to lead the Virginia Transportation Research Council effective December 10, 2016.

Agenda Items

1. ITTF Project Update

Mr. Gustafson provided an update of the projects using the Innovation & Technology Transportation Fund (ITTF). Mr. Gustafson defined the projects with FY17 allocations and their status. Mr. Gustafson stated that the FY17 allocations include both site specific projects and statewide programs, such as Emerging Technologies. Ms. McGhee stated that the Virginia Transportation Research Council may support additional Emerging Technologies efforts.

Mr. Elliott informed the group that VDOT would be submitting an application for the FASTLANE grant opportunity. VDOT's application concerns the I-81 corridor. The application includes operations improvements such as safety service patrol expansions for commercial vehicles, heavy response and recovery towing, and technology improvements such as towing apps and the use of tethered drones.

2. Virginia Automated 20XX Update

Ms. Ronique Day discussed the development of the framework for transitioning automated vehicles into the transportation network. Workshops have been held with MPO, COG, TPO, and FHWA representation. Future workshops will be held in March 2017. A white paper will be prepared in May 2017.

3. Cloud Based Data Portal Update

Mr. Gustafson and Mr. Rao discussed the development of a cloud based data portal. A consultant Task Order has been issued. The team is reviewing cyber security requirements and will be complete by January 2017. Funding for this effort may be available through the ITTF program.

4. VTTI/VT/VDOT Strategic Partnership MOU Update

Cathy McGhee stated that agreements are already in place to use the Automation Park.

5. Innovation and Technology Subcommittee Charter

Ms. Valentine discussed the alternative options for the Charter's vision statement. The committee will recirculate the charter for additional discussion.

Open Discussion:

Ms. Hughes discussed a potential effort to develop an automated vehicle corridor in Arlington, Virginia, to support airport shuttle operations. Private sector parties have expressed interest in this opportunity. Mr. Garrett Moore and Mr. Quinton Elliott recommended visiting the private sector parties to advance this opportunity.

Mr. Moore recommended that Virginia market its success stories and ability to work with private sector partners. Recent examples include the I-95 Express Lanes and the data portal development.

Members asked who in VDOT should receive and review innovative recommendations. Mr. Elliott stated that the Chief of Innovation would serve as the point of contact. Support from the Virginia Transportation Research Council, the Office of Technology Strategic Planning and the Operation Division would be necessary.

Mr. Connors concluded the meeting at 8:55 a.m.