

CTB Innovation and Technology Subcommittee Meeting

Agenda

June 14, 2016 at 7:30 a.m.
Virginia Department of Transportation
1401 East Broad Street
Richmond, Virginia 23221

CTB Members present:

Hap Connors, Jr.
Alison DeTuncq
Court Rosen
Shannon Valentine

Mr. Connors called the meeting to order at 7:30 am.

Mr. Connors identified the following individuals presenting to the Subcommittee:

- Mr. Quintin Elliott, Chief Deputy Commissioner, VDOT
- Mr. Garrett Moore, Chief Engineer, VDOT
- Mr. Jose Gomez, Director, Virginia Transportation Research Council, VDOT
- Mr. Paul Szatkowski, Assistant Division Administrator, Operations Division, VDOT
- Mr. David Airy, Chief Technology Officer, Center for Innovative Technology (CIT)
- Ms. Annalisa Rosenthal, Virginia Program Manager, Uber

1. Update on VDOT Connected Vehicle Program Activities

Mr. Connors asked Mr. Szatkowski to update the Subcommittee on the near-term projects identified to support the development of connected and automated vehicles (CAV) in Virginia.

Mr. Szatkowski presented the following projects:

- 1) Cloud-based Data Portal for CAV
- 2) Promotion of Virginia as CAV Testing Environment
- 3) Traffic Signal Infrastructure Phase-Out Plan
- 4) Dynamic Message Sign Phase-Out Plan
- 5) CAV Roadway Infrastructure Standards
- 6) In-Vehicle Roadway Condition Application

Ms. DeTuncq requested clarification on the nature of the CAV promotion event.

Mr. Elliott stated that the intent was to listen to connected and automated vehicle industry partners to determine how Virginia might support the development and deployment of their technologies.

Ms. Valentine asked whether VDOT was coordinating its efforts with those of the Northern Virginia Transportation Commission regarding multimodal traveler information in the I-66 corridor.

Mr. Elliott confirmed that the department was integrated into the multimodal planning process for the I-66 corridor initiative. In addition, he clarified that the development and deployment of CAV technologies would be phased over a long period of time, and that the Commonwealth would continue to implement new systems and services in the interim to facilitate multimodal travel.

Mr. Moore asked Subcommittee members to review the proposed near-term projects and get back to him with any requests for clarification prior to the next meeting. In addition, he stated that this would be an iterative process and that the current projects should be considered drafts for discussion.

2. Discussion on Smart City Initiatives

Mr. Connors asked Mr. Gomez to provide the Subcommittee with a brief overview of the Smart Road and Smart City initiatives at Virginia Tech.

Mr. Gomez provided an overview of the Smart Road at Virginia Tech as well as a broader-based innovation initiative sponsored by the university.

Mr. Airy of the Center Innovative Technology provided a brief overview of CIT activities in the area of Smart Cities and as a technology accelerator.

Mr. Connors requested that VDOT and CIT coordinate their efforts with Virginia Tech and others to ensure the greatest benefit for the Commonwealth.

Mr. Elliott requested VDOT to coordinate that meeting prior to the September Subcommittee meeting.

3. Update on Uber Activities in Virginia

Mr. Connors introduced Ms. Rosenthal from Uber and asked her to make her presentation to the subcommittee.

Ms. Rosenthal provided a general overview of Uber and its activities in Virginia, including Uber Pool, its new carpooling services, and its efforts to support commuters during the WMATA Safe Track initiative.

Mr. Connors asked how Uber was integrated with regional transit agencies.

Ms. Rosenthal stated that Uber has an open-source API that allows any agency to integrate their website with the Uber application.

Mr. Connors asked what effect, if any, Uber had on the VDOT 511 system.

Mr. Elliott suggested that the department's 511 system might become the "one-stop-shop" for all travel information, public and private, in the state.

Mr. Connors asked whether Uber had plans to expand its Uber Pool service in Virginia.

Ms. Rosenthal stated that Uber was exploring its options.

In summary, VDOT agreed to coordinate a meeting between VDOT, DRPT, VTTI, CIT and industry to identify current innovative transportation initiatives and determine how best to coordinate activities to ensure the maximum benefit to the people of the Commonwealth of Virginia. The meeting will be held prior to the September Subcommittee meeting.

Mr. Connors concluded the meeting at 8:30 am.