

**MEETING MINUTES: CTB Innovation Subcommittee**

**LOCATION:** Virginia Department of Transportation Central Office Old Highway Building, 1221 East Broad Street, Richmond, Virginia 23219

**DATE:** Tuesday, January 15, 2019

**TIME:** 8:30 - 9:30 a.m.

The meeting of the Commonwealth Transportation Board (CTB) Innovation Subcommittee was held in the Computer Lab of the Virginia Department of Transportation Central Office Old Highway Building located at 1221 East Broad Street, Richmond, Virginia 23219. Director of Research and Innovation Cathy McGhee presided and called the meeting to order at 8:37 a.m. on January 15, 2019.

Present: Messrs. Kasprowicz and Yates, Ms. DeTuncq, and Ms. McGhee.

Absent: None.

**AGENDA:**

\* \* \*

**Approval of Minutes October 29, 2018, and December 4, 2018**

Made By: Ms. DeTuncq, Seconded By: Mr. Kasprowicz.

Motion carried, minutes approved, unanimously.

\* \* \*

- Innovation and Technology Transportation Fund (ITTF) Projects Update –  
*Cathy McGhee, Director of Research and Innovation*  
[Referenced by attachment of presentation.](#)
- [USDOT Automated Vehicle \(AV\) Demo Projects Grant](#) –  
*Cathy McGhee, Director of Research and Innovation*  
Ms. McGhee stated that discussions are occurring with potential partners on what the Office of Research and Innovation would like to demonstrate.  
The Office of Research and Innovation and or partners will submit one or more proposals.  
Projects can be up to \$10 million with no more than \$15 million going to any one state.  
Submissions are due in March.
- Hyperloop Update –  
*Cathy McGhee, Director of Research and Innovation*  
Ms. McGhee mentioned there is a lot of information available on Hyperloop as well as a lot of hype. Many states want to make their mark in this arena.  
Challenges with technology include difficulties in making turns at fast rates of speed and mitigation strategies make it slower and more expensive.  
More states will likely go with an aboveground Hyperloop instead of an underground.

Ms. McGhee stated that her Office will stay on top of the development of Hyperloop and opportunities to engage.

**Public Comments:**

Mr. Michael Raschid, Perrone Robotics, addressed the Subcommittee regarding the benefits of vehicles being able to sense when traffic lights are changing. Mr. Raschid also expressed interest in partnering with the Office of Innovation and seeing what role they can play.

\* \* \*

**ADJOURNMENT:** The meeting adjourned at 9:45 a.m. on January 15, 2019. The next CTB Innovation Subcommittee meeting will be held on Tuesday, February 19, 2019 beginning at 8:30 a.m. in the Computer Lab of the Virginia Department of Transportation Central Office Old Highway Building located at 1221 East Broad Street, Richmond, Virginia 23219.