

## **MEETING NOTES: CTB Innovation Subcommittee**

**DATE:** Tuesday, December 6, 2022

**TIME:** 11:00 a.m.

The meeting of the Commonwealth Transportation Board (CTB) Innovation Subcommittee was held at the Virginia Department of Transportation Central Office Old Highway Building Computer Lab, 1221 East Broad Street, Richmond, VA 23219. Director of Transportation Research and Innovation Cathy McGhee called the meeting to order at 11:00 a.m.

Present: Mr. Stant, Mr. Kasprowicz, Mr. Merrill, Mr. Fowlkes, Mr. Coleman, Mr. Lawson, and Mr. Laird.

Approval of October 2022 minutes – *The minutes from the October meeting were approved without comment.*

**CAV Data Mapping Initiative** – Hari Sripathi, Directory of the Office of Strategic Innovation at VTRC provided an overview of OSI's work to identify data needs for a variety of priority connected/automated vehicle applications and map those needs to existing data sources within VDOT or available from 3<sup>rd</sup> party vendors. The presentation is attached for reference. During Mr. Sripathi's presentation, several questions came up including:

- What is the magnitude of the data from a size perspective? (could be large but some processing at the source will reduce the size.)
- What are the top 5 applications of this work that drivers might see now? (traveler information, speed harmonization, eco arrival/departure at signals)
- With respect to bike/ped safety listed in the presentation, what work is underway as this is a significant issue. (A presentation on Smart Intersections will be planned for an upcoming meeting.)

**Innovation Update** – Mr. Sripathi also shared a short video on VDOT's Innovation Toolshed. Members asked how well information about sharing innovations is reaching field staff. Including information monthly or quarterly at AHQ safety meetings was offered as a possibility. Mr. Kasprowicz asked that staff work on establishing a recognition/incentive program to highlight employee suggested innovations and use the Governor's Transportation Conference as a venue for recognizing individuals. A question was also asked regarding the availability of a public portal for innovation suggestions.

During the Public Comment period Mr. Wittfield spoke to the following issues:

- Will the variable speed limit system on I-95 be deployed in other corridors, specifically on I-66 where it was previously deployed?
- Signage on I-66 is not sufficient. At Gainesville, signs regarding toll rates provide the rate for only the first segment. Signage for trucks/hazardous materials are not clear.
- There are bridge decks that require repair – specifically a bridge has exposed rebar.
- Traffic signals should be upgraded to allow for adaptive timing plans as opposed to fixed time plans.

**ADJOURNMENT:** The meeting adjourned at 12:00 p.m. on December 6, 2022.