

CTB Innovation and Technology Subcommittee Meeting

Meeting Minutes
March 15, 2017 at 9:00 AM
1221 E. Broad Street
Richmond, VA 23219

CTB Members Present:

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

Mr. Connors called the meeting to order at 9:00 AM

Mr. Rob Cary was introduced as the new Chief of Innovation.

Agenda Items

1. Innovation and Transportation Technology Fund Program Update

Mr. Dean Gustafson continued his summary update of the current Innovation and Technology Fund (ITTF) projects. Projects and programs were discussed. Highlights include:

- **Emerging Technologies:** The line item provides funding for to pilot emerging technologies. Heads up displays were discussed. It was also discussions if a demonstration project for DSRC technologies to support connected vehicle applications could occur on Route 29 or another specific corridor. It was noted that funding for such pilot projects could include sources other than the Innovation and Technology Fund.
- **511 System Enhancements:** The line item provides funding for new and expanded functions for 511. Truck parking information is a developing project.
- **Advanced Traffic Signal Controllers:** Projects are being advertised to provide controllers to support the connected vehicle program.
- **Advanced Towing & Recovery:** VDOT discussed upcoming pilot activities in the Richmond and Salem Districts. Guidelines are being developed to expand the program statewide. Future activities will focus on a review of these pilot programs.
- **Community-Wide Adaptive Signal System, I-64 Hampton Roads ATMS Phase I, MMMBT Traffic & Safety Improvements, I-64 ATMS, Transit Efficiency-Enabling Technologies:** Projects will be further scoped when funding becomes available in the outer years of the ITTF program.

2. VDOT Customer Service Center and Performance Trends

Ms. Heidi Underwood, manager of the Customer Service Center (CSC), provided a presentation that described the CSC program. Ms. Underwood discussed emerging data trends with event types and

event frequencies. The board requested a future tour of the facility in May which is located in Salem, Virginia.

3. Future Alternative Modes of Transportation

The subcommittee continued discussions about a strategy to use tunnels as a means to reduce congestion. High level view of the cost of tunnel was discussed. Elevated roadway construction was referenced and it was noted that such construction could cost between \$95M to \$120M per mile. Mr. Moore also provided an update of the proposed Hampton Roads Bridge Tunnel project.

The subcommittee discussed the upcoming VTrans2040 review. The review needs to include a focus on strategic areas including mobility and technologies for the emerging connected and automated vehicle program. Incremental development goals should be established for a 2 year, 5 year, 10 year, and 20 year planning horizon. The subcommittee members requested information regarding major strategy areas to consider at a future subcommittee meeting.

4. Innovation and Technology Outreach

Due to limited time, this topic will be discussed at a future meeting.

Mr. Connors concluded the meeting at 9:57 AM.