

PLANNING FOR TPB CONNECTED/ AUTONOMOUS VEHICLE FORUMS

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TPB Planning Context for CAVs

- TPB since 1997 has convened forms of what is now the SPOTS subcommittee, regarding transportation technology and operations
 - Historically, this focused on infrastructure technologies
 - Core purpose, in addition to regional information exchange, was and is to advise TPB's long-range plans regarding technology and operations (not operations planning in and of itself)
- Recent years have seen the rise of importance of non-public-sector transportation technologies and data, e.g.:
 - Probe data and other private sector-vended data
 - Smart phones and apps
- Now connected/autonomous vehicles are impacting planning considerations



Topics for Consideration – Ideas from TPB Transportation Planning Director

- Director Kanti Srikanth presented at an April 29, 2019 VDOT CAV forum, and described the following as being regionally important CAV topics:
 - Regionally consistent laws, policies, standards, and guidance to make CAV beneficial to all
 - Data exchange, which will be critical for CAV operations
 - Reimagining transportation infrastructure and operations
 - Freight movement's unique needs



CAV in TPB's FY2020 Work Program

- TPB's FY2020 Unified Planning Work Program (UPWP – July 1, 2019 to June 30, 2020) identifies CAV-related sub-tasks
 - Regional forum
 - Supporting consultant study
- This adds to the “monitor and report” sub-task of recent years regarding CAV
- SPOTS and other committees have been previously advised that we would plan a CAV forum in FY2020



Current Forum Planning Activities

- Current thinking is for multiple (two or three) events, not just a single forum – too big to fit in just one session
- Now anticipated for the February to June 2020 time frame
- Stacy Cook has joined TPB staff, with a focus on developing the next overall regional long-range transportation plan
 - Plan will be successor to Visualize 2045
 - Also helping plan CAV forum due to experience and expertise
- Will soon be convening an CAV Forum Planning Advisory Group of member agency participants who have volunteered



Forum Ideas (Work in Progress)

- Presentations
 - Key representatives and subject matter experts from member agencies
 - Subject matter expertise/perspectives from elsewhere around the country, from industry, from other stakeholders
- Breakout groups on key topics
- Surveys before and during events
- Avoid being a repeat of others' CAV events – find what is uniquely important to the National Capital Region and its transportation planning
- Compile recommendations to report to TPB

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