



**TECHNICAL ADVISORY COMMITTEE**  
**Wednesday, March 17, 2021, 7:00 pm**  
**Virtual meeting and live-streamed on [YouTube](#)**

**MEETING SUMMARY**

**I. Call to Order/Welcome**

- Chairman Boice called the meeting to order at 7:00 pm.
- Attendees:
  - **Members:** Randy Boice, Karen Campblin, Armand Ciccarelli, Amy Morris, Frank Spielberg, Pat Turner, Dr. Shanjiang Zhu
  - **NVTA Staff:** Monica Backmon (Executive Director), Keith Jasper (Principal), Ria Kulkarni (Regional Transportation Planner), Mackenzie Love (Regional Transportation Planner), Sree Nampoothiri (Senior Transportation Planner)
  - **Others: On YouTube live stream.**

**II. Resolution finding the need to conduct meetings electronically**

- Chairman Boice noted that as a result of the COVID-19 and Governor Northam's declaration of a State of Emergency, the Authority's Technical Advisory Committee Meeting was held electronically. He noted that the passage of the amendments to HB 29 (the FOIA Bill) allowed regional bodies such as the Authority and their committees to conduct business meetings electronically. He added that the meeting by electronic means is authorized because the Committee Meeting Agenda items are statutorily required or necessary to continue operations of the Authority. The resolution moved by Ms. Turner and seconded by Mr. Spielberg was approved unanimously.

**III. Summary of February 17, 2020 Meeting**

- The motion to approve the meeting summary moved by Ms. Morris and seconded by Ms. Turner was approved unanimously.



#### **IV. Transportation Technology Action Plan (TTSP)**

- Mr. Jasper revisited the TTSP and its pathway to approval. He emphasized that the TTSP comprises of eight strategies and nine identified roles for NVRTA that are under the domain and align with core values of TransAction Vision, namely safety, equity and sustainability. Mr. Jasper introduced to the committee TTSP's Action Plan and sought feedback for the same.
- Ms. Love assured the Committee that an executive summary for the TTSP will be drafted as requested by the Committee.
  - The committee recommended rewording the titles of some Strategies included in the TTSP, as they could be perceived as “goals”, rather than “strategies.” The Committee also provided input on how values connect to strategies. It was also indicated that feedback provided by the Committee will be addressed and integrated into the Plan.
  - Chair Boice suggested clarifying language in the TTSP to avoid exclusion of updates to legacy systems from consideration via the TTSP, if emerging technologies may improve functioning. He also suggested elaborating on “underserved” which could be perceived as either “gentrified” or rural areas where there is sparse transit service.
    - Ms. Love provided an overview of the same and agreed to provide more clarity in the Plan.
- Ms. Love then provided the next steps to the TTSP Action Plan, which ties strategies to actions.
  - Ms. Love expanded on the Action Plan that will primarily focus of the roles of funding, policy, and advocacy for the Authority as defined by TTSP, which will have a time frame when action might be taken or have tangible outcomes. Other roles such as facilitating, stakeholder, outreach, and education will be undertaken continuously. She also gave an overview of strategies, their specific summaries, and showed templates of what their respective actions, components entailed, and how they would be structured/referenced. She added that actions have specific trigger points and timing that put strategies to actions.
- Mr. Jasper added that the TransAction update would include a series of scenario analyses that could define and prioritize the elements that might affect forecast for the region. Some of these scenarios could include incentivization/pricing mechanisms, Connected, Autonomous, Shared and Electric (CASE) Vehicles, or climate change. He also discussed other possible outcomes of the TTSP,



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including outreach-education, impacts on NVTA legislative program(s), changes to future Six Year Program (SYP) funding and project evaluations and development of regional transportation policy.

- Mr. Jasper mentioned that electric vehicle and infrastructure have been the most recent topics of discussions at the General Assembly session.
- Mr. Jasper reiterated that the TTSP will be a “living” document and an executive summary of the plan will be shared with the Committee for recommendation to the Authority for approval in the future. He also emphasized that each action has a performance measure with the intent to monitor progress. Additionally, until TransAction is adopted in late 2022, the TTSP will be reviewed/updated every six months, incorporating feedback from the TransAction public engagement phases and relevant findings from TransAction analyses. Thereafter the TTSP will be reviewed/updated annually, typically around the anniversary of its adoption. He also noted that some of the action trigger elements (such as federal laws, Commonwealth actions, actions by member jurisdictions and other regional bodies, market factors) that fall outside the annual review cycle may also call for an update of the document.
- Mr. Jasper sought for Committee feedback on the Action Plan and requested committee members to share the plan and seek additional feedback on it as well.
- Dr. Zhu recommended revisiting the role of the document on whether it would serve as a high level guide, that guides the direction of NVTA in terms of planning (TransAction). Or perhaps serve as a detail document that promotes regional collaboration on a certain technology, facilitating coordination with counties to develop necessary EV charging infrastructure or Autonomous Vehicle Network.
  - He suggested perhaps opening it up to a broader spectrum to be inclusive of technology elements and infrastructure that is environmentally friendly, considering the pros and cons of dynamic and future technology – adaptation framework for alternative fuel technology such as hydrogen fuel cell technology that is gaining pace, for example.
  - Ms. Love responded that revisiting the executive summary should bring more clarity to the role of the document.



**V. NVTA Update**

- Ms. Backmon noted that the FY2022 70% regional budget, 30% local budget and operating budget will be put forth to the Authority in April for adoption. She also added that the update to the Economic Impact Analysis of NVTA investments will be presented to the Authority.

**VI. Adjournment**

- The meeting adjourned at 8:07 pm. The next meeting date is April 21, 2021, at 7 pm.

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