



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. Sielberg 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

- Mr. Jasper revisited the TTSP and its pathway to approval. He emphasized that the TTSP comprises of eight strategies and nine identified roles for NVTA 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 to the Committee that an executive summary for the TTSP will be drafted as requested by the Committee.
 - The committee provided feedback on revisiting strategies that could be categorized as objectives due to their level of detail. The Committee also provided input on how values connect to strategies. She also indicated that feedback provided by the Committee will be addressed and integrated into the Plan.
 - Chair Boice suggested to change the narrative on legacy systems by saying that legacy systems are encouraged but there is better technologies out there to improve system efficiencies. 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 and definition to those terms in the Plan.
- She then provided the next steps to the TTSP Action Plan which ties strategies to actions and noted that NVTA has three different roles where NVTA either holds an autonomous role or shares roles with other stakeholders.
- Ms. Love elaborated on the Action Plan that will primarily consist of these roles of the Authority of funding; policy and advocacy as defined by TTSP and time 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 Action tables, 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 follow a series of scenario analyses that could define and prioritize the elements that might affect forecast for the region. Some of these elements could include incentivization, CAVs, pricing mechanisms, outreach-education and any other elements that may need to be



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considered with respect to Climate Change that ties into sustainability and resilience elements of the newly scaled vision for the region.

- Mr. Jasper mentioned that electric vehicle and infrastructure has been the most recent topic of discussions at the General Assembly session. He noted that for infrastructure that cannot be directly funded through the six-year program may result in an update of the Six-Year Program project evaluation criteria and process in the months ahead, that may even result in Authority action.
- 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 every six-months with feedback from public engagement and outreach, as well as at least three updates with technical analysis during the course of TransAction. He also noted that some of the action trigger elements (such as federal laws; Commonwealth 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 for leads beyond the committee members to share the plan and seek feedback on.
- Dr. Zhu recommended revisiting the role of the document – whether it’s high level, guiding the direction of NVRTA in terms of planning (TransAction) or act as a detail document that promotes regional collaboration on a certain technology and facilitating discussions and coordinating with counties to develop necessary charging infrastructure or Autonomous Vehicle Network and thereby develop an objective regarding technology.
 - 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 revisiting the executive summary with an intent to align with the vision statement should bring more clarity to the role of the document.



V. NVTA Update

- Ms. Backmon said that the budget will be put forth to the Authority this month for adoption. She also added that the update to the Economic Impact Analysis for the new cycle of Six-Year Program update will proceed post anticipated Authority adoption.

VI. Adjournment

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

DRAFT