



**Northern Virginia Transportation Authority**  
*The Authority for Transportation in Northern Virginia*

**TECHNICAL ADVISORY COMMITTEE**  
**Wednesday, March 20, 2024, 7:00 p.m.**  
**Northern Virginia Transportation Authority**  
**Fully Virtual Meeting on Zoom**  
**Live-streamed on [YouTube](#)**

**MEETING SUMMARY**

**I. Call to Order/Welcome**

- The meeting was conducted virtually over Zoom. Chairman Boice called the meeting to order at 7:03 p.m.
- **Attendees:**
  - **TAC Members:** Randy Boice, Karen Campblin, Michelle Cavucci, Kerianne Masters, Amy Morris, Frank Spielberg, Shangjiang Zhu, and Armand Ciccarelli
  - **NVTA Staff:** Monica Backmon, CEO; Keith Jasper, Principal, Transportation Planning and Programming; Sree Nampoothiri, Senior Manager; Harun Rashid, Planning Analytics Manager; and Ian Newman, Regional Transportation Planner.
  - **Others:** None. The meeting was also live streamed on YouTube.

**II. Summary Notes of February 21 2024, Meeting**

- Motion to approve the summary notes of the February 21, 2024, meeting was made by Mr. Spielberg. Seconded by Dr. Zhu. The motion passed unanimously.

**III. Approve the Revised CY2024 Meeting Calendar**

- Motion to approve the Revised CY2024 Meeting Calendar was made by Ms. Morris. Seconded by Ms. Cavucci. The motion passed unanimously. The June meeting date is Thursday, June 20, 2024, and this change is due to the fact that the regular date of Wednesday, June 19, 2024, is a federal and Virginia state holiday.

**IV. FY2024-2029 Six Year Program Update**

- Dr. Nampoothiri, Senior Manager, Transportation Planning and Programming at NVTA, presented on the following topics:
  1. NVTA's project selection process' multiple components

2. The summary of all applications by jurisdictions/agencies and primary mode
  3. Projects' ranking on Congestion Reduction Relative to Cost (CRRC) criterion
  4. TransAction rating for the 24 project applications
  5. Long Term Benefit
  6. An evaluation summary table of quantitative and qualitative measures
  7. Sample project description forms and an overview of the FY2024-29 SYP schedule
- Concerning the second topic above, Dr. Zhu asked for further clarification about the Smart & Connected Vehicle Infrastructure project, since connected and autonomous vehicles are not yet on the market. Dr. Nampoothiri responded that this project is expected to enhance infrastructure and vehicle communication technology at various corridors, including signal phase and timing data. Mr. Spielberg asked for clarification concerning the name of the roadway for the "Old Lee Highway Multimodal Improvements" project. Mr. Spielberg wondered if "Old Lee Highway" remains the name of the roadway. Dr. Nampoothiri mentioned that this is a recurring project for NVTa, and it was originally entitled, "Old Lee Highway" but it is now entitled, "Blenheim Boulevard," and it has carried over as the same name in this Six-Year Program.
  - Concerning the fourth topic above, Chair Boice clarified that the funding decisions have to give priority to CRRC since there have been questions in the past where a criterion has the word "congestion" in it but may have a lower weight than other components. Dr. Nampoothiri confirmed this is still the case. Ms. Cavucci asked if the weights used for the TransAction Rating change from plan to plan or were they approved prior to TransAction plan updates and held constant. Dr. Nampoothiri answered that the weights are revised every TransAction plan update.
  - On the fifth topic listed above, Mr. Spielberg mentioned that NVTa ought to have a label on the Y-axis on the graph being presented on the FY2022-27 Long Term Benefit. Dr. Nampoothiri responded that the Y-axis is the percentage, concerning each of the three variables presented and labeled on the X-axis. These variables are revenue share, combined benefit share (trip-based) and combined benefit share (performance-based). Chair Boice commented that the projects in Prince William County appear to have relatively more benefit share, which is unsurprising since these projects in Prince William County needed to occur to increase the mobility of the region and noticed that he sees a trend of benefit shares improving as NVTa continues to fund multimodal projects. Dr. Nampoothiri added that geographic and modal balance also played key roles in keeping the balance.

- Concerning the sixth topic listed above, Ms. Cavucci asked if the Long Term Benefit is a quantitative measure. Dr. Nampoothiri responded that it is a quantitative measure based on a model-based analysis, but it is being observed to see if the three metrics that comprise the Long Term Benefit are approximately equal. Therefore, it is shown in a three-category color code. Ms. Cavucci mentioned that Route 234 Operational Improvements application is a purely transportation technology project, and asked why it is being shown with a brown-filled cell. Dr. Nampoothiri highlighted that the light green (slightly underperforming) to brown (slightly overperforming) relative to qualitative measures and Long Term Benefit is not specific to a project but rather to a jurisdiction.

#### **V. NVTA Update**

- Mr. Jasper shared the NVTA update. He stated that the NVTA has physically moved to the interim office location pending build-out of the full suite on the sixth floor of 2600 Park Tower Drive, Vienna, VA 22810, which NVTA is hoping to move to in the Summer of 2024. Till then, the TAC can use the conference room facilities of the building, and logistical details on arriving at the building will be shared. Mr. Jasper shared that the need to meet is essentially up to the TAC membership to review this information more before the June 20 meeting when the Committee is expected to make funding recommendations.

#### **VI. Adjourn**

- The meeting adjourned at 7:44 p.m. The next meeting will be on May 15, 2024, at 7 p.m. and will be held in-person at NVTA Offices.