

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

MEMORANDUM

FOR: Chair Phyllis J. Randall and Members
Northern Virginia Transportation Authority

FROM: Randy Boice, Chairman, Technical Advisory Committee

DATE: December 3, 2021

SUBJECT: Report from the Technical Advisory Committee

1. **Purpose.** To inform the Northern Virginia Transportation Authority (NVTA) on recent activities of the NVTA Technical Advisory Committee (TAC).
2. **Background.** The Technical Advisory Committee met on November 22, 2021. The meeting was held at the NVTA office. Six committee members attended in-person and the meeting was also livestreamed on YouTube.
3. **Action Items:**
 - a. **Summary Notes of October 20, 2021, Meeting:**

The meeting summary for the October 20, 2021, meeting was approved unanimously.
 - b. **Approval of Weights for the Performance Measures for TransAction update:**

The Committee discussed various aspects of the Authority-approved performance measures and their weights. The Committee, with six ayes (the seventh member was absent), recommended weights for the ten performance measures for Authority approval. See the Committee recommendations in the attached table below. The staff noted that the weights recommended by the Technical Advisory Committee, Planning and Programming Committee, and Planning Coordination Advisory Committee, will be averaged and rounded to the nearest 5%. The averaged weights, along with sums of these for each core value, will be presented to the Authority at its December meeting.
4. **Discussion Items:**
 - a. **TransAction: Update on Scenario Definitions**

The Committee was presented with four potential future scenarios (post-pandemic new normal, technology, incentives/pricing, and climate change) and associated assumptions. The Committee discussed and provided inputs.
 - b. **NVTA Update:**

Dr. Nampoothiri reminded the Committee that the Authority is expected to vote on weightings for the TransAction Performance Measures in their next meeting, which is scheduled for 6:00pm on Thursday, December 9th, 2021.

5. **Next Steps.** The TAC will continue to be engaged in the update of TransAction, discussing future scenarios and plan development. The TAC will also be engaged in the Six Year Program (SYP) application evaluations and program development.

The next Committee meeting will be decided later. However, the placeholder date of December 15th will be retained on NVTA calendars, should it be deemed appropriate to meet that month.

Attachment: Weights for the ten performance measures recommended by the Technical Advisory Committee.

Attachment:

Weights for the ten Performance Measures Recommended by the Technical Advisory Committee

Technical Advisory Committee			
Goal		Performance Measure	Recommended Weight
Mobility	A1	Total Person-Hours of Delay in autos*	16.0
	A2	Total Person-Hours of Delay on Transit*	6.0
	B1	Duration of Severe Congestion*	12.0
	B2	Transit person-miles in dedicated/priority ROW*	8.0
Accessibility	C1	Access to jobs by car, transit, and bike*	10.0
	C2	Access to jobs by car, transit, and bike for EEA populations	10.0
	D1	Quality of access to transit and the walk/bike network	12.0
Resiliency	E1	Potential for safety and security improvements	9.0
	F1	Vehicle Emissions	8.0
	G1	Transportation System Redundancy*	9.0

* HB599 measures