

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY**MEMORANDUM**

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

FROM: Randy Boice, Chairman, Technical Advisory Committee

DATE: November 10, 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 October 20, 2021. The meeting was held at the NVTA office. Seven committee members attended in-person and the meeting was also livestreamed on YouTube.
3. **The Committee took action on the following items:**
 - a. **Summary Notes of September 29, 2021 Meeting:**
The meeting summary for the September 29, 2021, meeting was approved unanimously.
 - b. **Approval of Goals, Objectives, and Performance Measures for TransAction update:**
The Committee discussed various aspects of goals, objectives, and performance measures over the past several meetings. The Committee discussed the revisions NVTA staff made incorporating Committee feedback. The Committee unanimously recommended three goals, seven objectives, and ten performance measures for Authority Approval.
4. **The Committee discussed the following information items:**
 - a. **TransAction: Interim Findings of the Online Survey**
The Committee was informed of the results of the 2021 TransAction Survey, in which 2,318 individuals participated. This included an overview of the geographic distribution of respondents, and of their demographic characteristics. Results regarding anticipated changes to travel behaviors after the pandemic; the influence of varied factors on mode choice; factors that influence willingness to try emerging technologies; respondents' reported transportation priorities and; suggestions for allocating resources were all shared.

b. TransAction: Preliminary Discussion on Weightings for Performance Measures

Dr. Nampoothiri indicated that the weights suggested by the Technical Advisory Committee, Planning Coordination Advisory Committee and Planning and Programming Committee in November, 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 in December. The Authority may accept or modify these recommendations prior to approval.

c. NVTA Update:

Ms. Backmon informed the Committee that a Call for Projects for the last Six Year Program to be conducted before the adoption of TransAction update, closed on October 1st. NVTA Staff are currently reviewing the submissions, which totaled \$1.3 billion in requests. She also noted that NVTA's Legislative Program for the coming year is under development. Restoration of \$38.5 million dollars of funding will continue to be the top priority.

5. Next Meeting:

The next meeting is scheduled for November 22, 2021, at 7:00 pm.

Attachment: Goals, objectives, and performance measures recommended by the Technical Advisory Committee

Attachment:

Goals, Objectives, and Performance Measures Recommended by the Technical Advisory Committee

Goal	Objective	Performance Measure	Alignment with Core Values
Mobility: Enhance quality of life of Northern Virginians by improving performance of the multimodal transportation system	A. Reduce congestion and delay*	A1. Total Person-Hours of Delay in autos	
	B. Improve travel time reliability*	A2. Total Person-Hours of Delay on Transit	
		B1. Duration of Severe Congestion	 
		B2. Transit person-miles in dedicated/priority ROW	 
Accessibility: Strengthen the region's economy by increasing access to jobs, employees, markets, and destinations for all communities	C. Improve access to jobs*	C1. Access to jobs by car, transit, and bike	
		C2. Access to jobs by car, transit, and bike for EEA populations	
	D. Reduce dependence on driving alone by improving conditions for people accessing transit and using other modes	D1. Quality of access to transit and the walk/bike network	  
		Resiliency: Improve the transportation system's ability to anticipate, prepare for, and adapt to changing conditions and withstand, respond to, and recover rapidly from disruptions.	E. Improve safety and security of the multimodal transportation system
F. Reduce transportation related emissions	F1. Vehicle Emissions		 
G. Maintain operations of the regional transportation system during extreme conditions*	G1. Transportation System Redundancy		 