

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

MEMORANDUM

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

FROM: Mr. Armand Ciccarelli, Technical Advisory Committee Vice Chair

DATE: October 6, 2022

SUBJECT: Technical Advisory Committee Report

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 September 21, 2022, at 7PM. The meeting was held in a fully virtual format via Zoom. Seven Committee Members attended, and the meeting was also livestreamed via YouTube.
3. **Action Item: Summary Notes of June 14, 2022, Meeting:** The meeting summary notes for the June 14, 2022, meeting was approved unanimously.
4. **Discussion Items:**
 - a. **Status of TransAction Plan Update**

Mr. Jasper began the presentation with an overview of the TransAction schedule and noted the public comment period has now concluded. Dr. Nampoothiri reviewed the structure of the public comment period and preliminarily analyzed results. There have been 223 total comments, with roadway comments being the most common mode discussed, followed by transit and bike/pedestrian projects. Dr. Nampoothiri mentioned that most comments, approximately 65%, were negative, with the remaining 35% being neutral or positive; that most (75%) of comments were comments on the Plan while the remaining 25% were action-based suggestions.

Mr. Harrington overviewed the different computer model-based analyses conducted in support of the TransAction update. These included future year (2045) analyses with (Build) and without (No-Build) TransAction projects, looking at one mode at a time, and by subregion. The results were summarized, and there are significant improvements on congestion, person-hours of delay and job accessibility when TransAction projects are considered. He also noted that vehicle miles traveled (VMT) is highly dependent on the deployment/adoption of electric vehicles.

Mr. Jasper then discussed the important yet challenging nature of dealing with uncertainty around the future and communicating it clearly, specifically the scenario analysis section of the Plan. Mr. Harrington mentioned that the three scenarios analyzed

included the Post-Pandemic New Normal, Technology, and the Incentives and Pricing scenario. Mr. Harrington discussed each of these scenarios under the No-Build future and under the Build future across the same metrics and the ensuing results were communicated to the Committee.

Mr. Jasper concluded the presentation by mentioning the next steps of the TransAction plan update. This includes a draft TransAction Technical Report and public comment summary report to be shared with the TAC in October. He also invited members of the Committee that may have suggestions on any part of the plan, as well as ideas for further analysis, to bring them to staff before the October TAC meeting so that they may be addressed before November when the Committee is expected to endorse the TransAction update.

b. NVTA Update

Ms. Backmon mentioned that NVTA anticipates conducting a Call for Regional Transportation Projects in May for the next Six Year Program. She noted that Staff is exploring legislative items, particularly regarding transportation technology to support NVTA's TransAction Technology Strategic Plan.

Next Steps: The TAC will continue to be engaged in the update of TransAction. The next meeting of the Committee will take place on October 19, 2022, at 7:00 PM in-person at the NVTA offices.