



MEMORANDUM

TO: TPB Technical Committee
FROM: Sergio Ritacco and Stacy Cook, Transportation Planners
SUBJECT: 2022 Visualize 2045 Update to the Performance Analysis and TPB Tech Engagement
DATE: March 27, 2020

This memo provides an overview of the TPB Technical Committee role as Department of Transportation Planning (DTP) staff engage a consultant to assist in developing new performance measures for evaluating how well the regional transportation system meets regional goals, such as equity, affordability, resiliency, connectivity, and accessibility. The new performance measures will be designed to inform regional policymakers as they develop new projects and programs for the 2022 Visualize 2045 Update. DTP staff request TPB Technical Committee provide further comments and input through the linked survey (<https://www.surveymonkey.com/r/3BMWK9C>) and plan to present draft measure recommendations at the May 2020 meeting. **Survey responses are due by April 10, 2020.**

Please send any other questions and comments to Mr. Ritacco, (202) 962-3232, sritacco@mwkog.org, or Stacy Cook, Principal Transportation Planner, (202) 962-3335, scook@mwkog.org.

BACKGROUND

DTP has engaged consultant support to assist staff in evaluating the long-range transportation plan system performance analysis and identify and recommend a new set of performance measures to be considered for the next analysis. This work seeks to recommend measures and methods that will build on past work to better inform regional policymaking, provide information and insights that might help the TPB members target investments, better address system deficiencies, mitigate negative externalities, and improve transportation system performance. There will be a focus on being responsive to and guided by the TPB policy framework and touch-on transportation issues of importance to our region, including equity, affordability, resiliency, connectivity, accessibility, and other possible topics.

DELIVERABLES AND SCHEDULE

Consultant work will include four overarching tasks and deliverables:

1. **Review existing measures.** Staff will provide the consultant with materials sharing the existing measures used for analyzing system performance analysis. Throughout this review process, the consultant will work to evaluate how our current measures and analyses relate to TPB goals and policy priorities.
 - a. Period: March 2020

2. **Develop criteria for measure selection.** The consultant will develop criteria to evaluate individual and the overall portfolio of measures considered for use in the analysis. Staff and the consultant will work together to review proposed measures against these criteria to ensure the recommended measures are feasible to calculate, are based on readily available and consistent data, and that the measures communicate the degree to which the future projects in the constrained element, when added to the existing transportation system, help the region reach its long-term regional goals. A major consideration for all measures and methods is ensuring that the recommendations for measures are consistent with best practices for performance analysis and replicability by DTP current and future staff.
 - a. Period: April 2020
3. **Identify potential measures, select measures, and develop methodologies.** The consultant and staff will work together to establish a new set of recommended measures focusing on those that can be developed for the region and a host of other geographies. In addition, while the majority of measures will likely to continue to be quantitative, some qualitative measures may be considered.
 - a. Period: May-July 2020
4. **Application.** The new performance measures will be ‘tested’ by TPB staff against the financially constrained element of Visualize 2045 and the updated set of performance measures will be used for the system performance analysis for the 2022 Visualize 2045 update in the Summer of 2020.
 - a. Period: July-September 2020

Lead staff is keenly aware of the impact COVID-19 is having on staff and workers throughout the region. As a result, staff are currently exploring the possibility of extending the period of performance for this project to July 2020.

TPB INTERNAL STAFF ADVISORY GROUP AND ENGAGEMENT OF TPB TECHNICAL COMMITTEE

Internal Advisory Group: The consultant and lead staff have established a TPB Staff Advisory Group to provide input on measures and validate proposed methodologies. The group includes members from each team within DTP, including, Travel Demand Model Development and Application, Planning Data and Research, Systems Performance Planning, and Plan Development and Coordination. And while the group will seek to keep an open and creative mind as to how we consider new measures throughout this process, they will provide important feedback on measure feasibility, effectiveness, and institutional context for the current performance analysis. The Staff Advisory Group will meet at least 4 times, if not more, to inform lead staff and consultant throughout the life of the project.

Technical Committee Input: The consultant and lead staff plan to have TPB Technical Committee members engaged and updated based on the following timeline:

- **March 2020 meeting:** TPB staff provided an overview of the project to TPB Technical Committee members and provide opportunity for suggestions as to measure selection criteria, measures to change, remove, or add.
- **April 2020 survey:** In an effort to receive addition feedback, TPB staff request interested TPB Technical Committee members reply to the linked survey (<https://www.surveymonkey.com/r/3BMWK9C>) for the Internal Advisory Group and consultant to consider. **Please provide responses by April 10, 2020.**

- **Estimated May 2020:** TPB staff present draft recommendations for measures to solicit feedback.
- **July or September 2020:** Present final recommended measures.
- **Fall 2020:** Present results of TPB test of measures using Visualize 2045 data.

NEXT STEPS

Staff will continue to accept and consider additional TPB Technical Committee comments and feedback. Please reach out to Sergio Ritacco, Transportation Planner, at (202) 962-3232, sritacco@mwkog.org, or Stacy Cook, Principal Transportation Planner, (202) 962-3335, scook@mwkog.org, for any questions or comments.