

VISUALIZE 2045 AND THE NEXT PLAN UPDATE



Stacy Cook, TPB Transportation Planner
Eric Randall, TPB Transportation Engineer

TPB Technical Committee
September 9, 2022

Conformity for the Visualize 2045 Update and FY23-FY26 TIP is Approved!



Federal Agencies
Approved the
Conformity Findings
on August 25, 2022

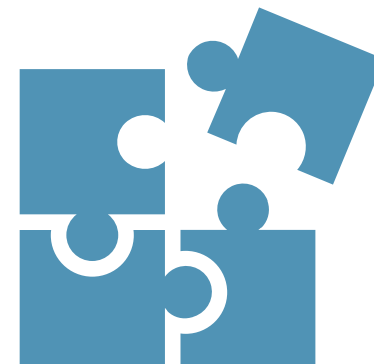


This starts the clock.
For TPB's next plan, conformity
approval would need to be no later
than August 25, 2026

The TPB is aiming for a 2024 Update

2024 Plan Update: Major activities

- Extend outyear of the Plan – 2050
- Updated socio-economic / demographic data
 - Cooperative Forecasts Round 10
(2020 Census based; Post COVID, 2020 - 2050)
- New Motor Vehicle Emissions Budgets
 - 2008 Ozone MP / 2015 Ozone SIP
 - MOVES3: New Air Quality Conformity Analysis
- Updated Transportation Funding Estimates
 - Five additional years (2046 - 2050)
 - IIJA - Federal Reauthorization
 - Inflation-updated costs
- Re-examine / Re-submit all projects, programs, policies
 - “zero-based budgeting” approach (scrub w/ exemptions)
 - More aligned with enhanced policy framework
 - Policies, Programs and Projects informed by findings of scenario studies



Major Activities/Considerations: 2050 out year

- Key Considerations:
 - A 2050 horizon is critical as a 20-year horizon is needed – otherwise we've been advised there would be no option for amendments starting as early as CY 2025
 - Confirmed: 2050 Cooperative Forecasts will be ready to use for this next update



Major Activities/Considerations: New Air Quality Conformity Analysis

- Key Considerations*:
 - The region must develop updated MVEBs for the 2008 ozone Maintenance SIP and new MVEBs associated with the 2015 ozone standard, and EPA must find them adequate for use in conformity.
 - Required to use new emissions model (MOVES3)
 - MWAQC will have to set new and revise existing MVEBs.
 - Consider new out year emissions while setting MVEBs
 - New and Revised MVEBs identified by end of 2023 and found adequate for use by the EPA by Spring 2024.

*Technically, if MWAQC approves updated MVEBs for the 2008 Maintenance Plan then TPB could use those to pass conformity and do not immediately need the MVEBs associated with the 2015 ozone standard. However the reverse is not true—we could not update just the MVEBs for the 2015 ozone standard because we must address the 2008 MVEBs.



Major Activities/Considerations: New Financial Plan

- Key Considerations:
 - Financial plan to reflect:
 - IJA funding
 - Inflation-updated costs
 - 2050 horizon

- Overarching Schedule:
 - October 2022: Rev/Preliminary Expenditure Determination
 - Winter/Early Spring 2023: Technical Inputs Solicitation
 - Spring/Summer 2023 Reconciliation/Preliminary Results



Major Activities/Considerations: “Scrubbing” the plan

- The TPB and its member agencies will examine all projects, programs, and policies, “scrubbing” the plan through a zero-based budgeting approach
- TPB staff will meet with board members and agency staff to discuss potential inputs during ZBB process

- Key Considerations:
 - Staff are building in extra and adequate time to undertake this arduous but important activity – **this will be a lot of work for the TPB members’ technical staff**
 - This includes a “fresh start” – entering / updating all data for projects to be submitted into Project InfoTrak
 - To support determining ZBB exempt projects, the TPB staff will share preliminary project list based on existing input data



Major Activities/Considerations: Summarize Policy Framework

- Key Considerations:
 - Reflect the main points from the hundreds of pages of various policy documents (Vision, Region Forward, RTPP, AI, CCMS)
 - Serve as key resource to support sponsoring agencies critically evaluate the projects for (re) submission



Major Activities/Considerations: Summarize Scenario Findings

- Key Considerations:
 - Main findings from the hundreds of pages of 8 recent scenario analyses plus internal sensitivity test findings
 - Serve as key resource to support sponsoring agencies critically evaluate the projects for (re) submission

Past Scenario Studies:

- Regional Mobility and Accessibility Study: What If?
- Regional Value Pricing Study (VPL)
- What Would it Take? Scenario
- CLRP Aspirations Scenario Study
- Multi-Sector Approach to Reducing Greenhouse Gas Emissions in the Metropolitan Washington Region Final Technical Report
- Long-Range Plan Task Force (LRPTF) Phase 1 and 2
- 2030 Climate Energy and Action Plan- Risk and Vulnerability Analysis
- Climate Change Mitigation Study of 2021



Products that staff are developing now

- Schedule and approach (with special considerations regarding timing of new MVEBs)
 - *Preliminary schedule on next slides*
- Technical Inputs Solicitation document /Policy Framework Synthesis
 - *Sharing draft fall 2022*
- Scenario findings summary
 - *Sharing summary in fall 2022*
- Materials to support zero-based budgeting
 - *Sharing via email in September/October with sponsor agencies*
 - *Approach to engage TPB members in discussions with technical staff during this process before (re)submitting policies, projects and programs*



A preliminary schedule was reviewed during the 9/9/2022 TPB Technical Committee meeting for discussion purposes. A final schedule will be published in fall 2022.

Stacy Cook

TPB Transportation Planner /Long-Range
Transportation Plan Program Manager
(202) 962-3335
scook@mwkog.org

Eric Randall

TPB Engineer
(202) 962-3254
erandall@mwkog.org

mwkog.org/tpb

Metropolitan Washington Council of Governments
777 North Capitol Street NE, Suite 300
Washington, DC 20002



National Capital Region
Transportation Planning Board