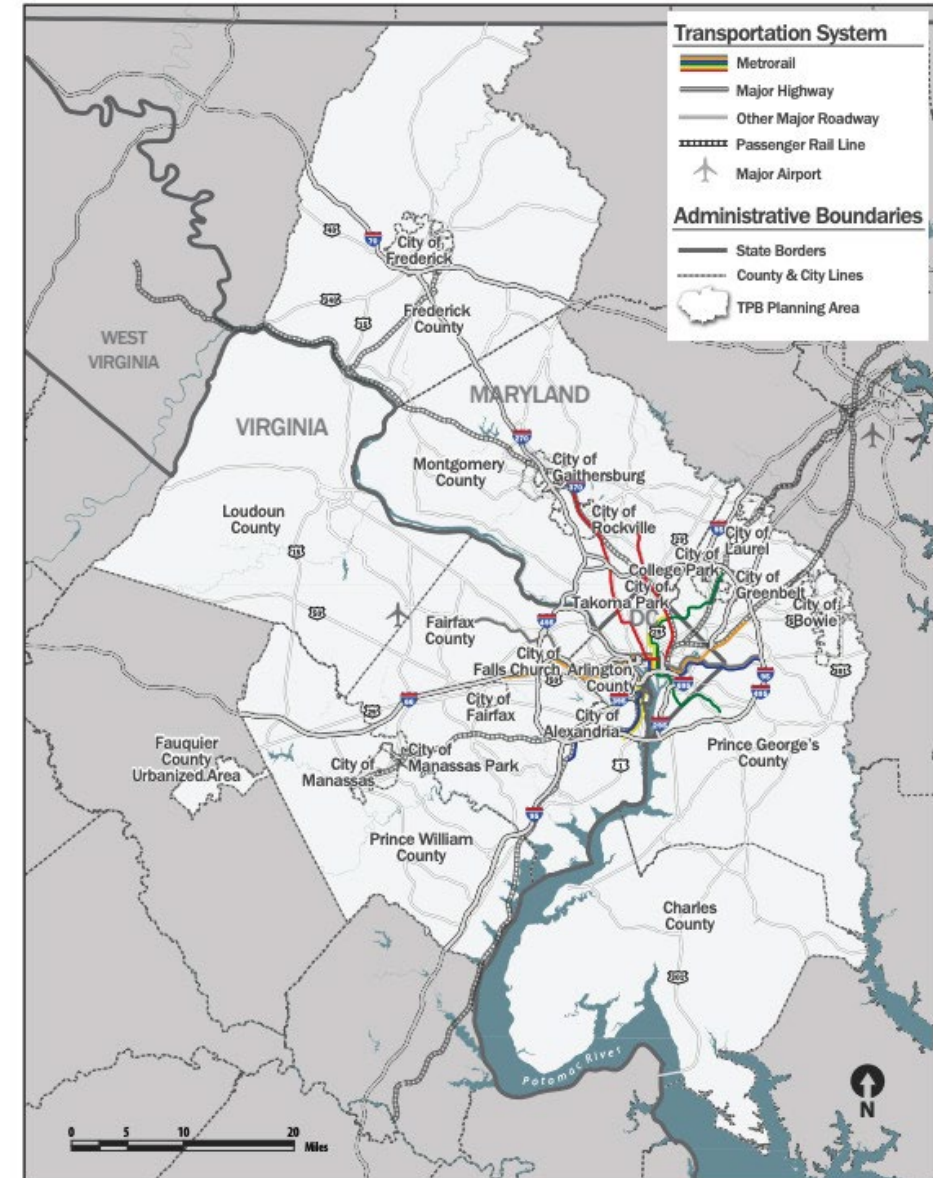# The Transportation Planning Board's (TPB) Long-Range Plan: Visualize 2050 and the 2025-2028 Transportation Improvement Plan (TIP)

Board Transportation Committee
January 31, 2023

Malcolm Watson
Fairfax County Department of Transportation

Background

- Federally designated metropolitan planning organization (MPO) for the region.

- Mandated planning process: fiscally constrained regional long-range plan (LRTP) and the Transportation Improvement Plan (TIP)

- Transportation revenues over the next 25 years

- Regionally significant projects, regardless of the funding source.
  - Example – Express lanes are included; sidewalks are not, unless they are federally funded

Background (continued)

- Air Quality Conformity Determination.
- Nitrogen Oxide (NOx) and Volatile Organic Compounds (VOC), but not carbon dioxide (CO_2)
- In August 2022, federal partners approved the conformity determination for the Visualize 2045 update and the FY 2023-FY 2026 TIP
- TPB must obtain the same federal approval for the conformity determination no later than August 2026

visualize2045
A LONG-RANGE TRANSPORTATION PLAN FOR THE NATIONAL CAPITAL REGION

AIR QUALITY CONFORMITY ANALYSIS OF THE 2020 AMENDMENT TO VISUALIZE 2045

Full Report

March 18, 2020

National Capital Region
Transportation Planning Board

Visualize 2050

- In June 2021, TPB initiated a full update to the LRTP after adoption of Visualize 2045. Target completion: end of 2024.
- The new plan, Visualize 2050 will include:
  - 'zero-based budgeting'
- Prior to 2021, projects historically included in the LRTP were carried forward

Get Ready for Visualize 2050!

Visualize 2050 (continued) – changes associated with this update.

- Extend outyear of Plan from 2045 to 2050

- New financial plan
  - Updated transportation funding estimates l)
  - Infrastructure Investment and Jobs Act

- New Motor Vehicle Emissions Budgets (MVEBs)
  - New emissions model (MOVES3)
  - New MVEBs for 2015 Ozone Standards
  - Re-estimate vehicle mix

- Zero-Based Budget Process

Visualize 2050: Zero-Based Budget Process

- The new plan:
  - Multiple build scenarios
    - Synthesized Policy Framework: summary of past scenario studies.
  - Exempt: Projects: Under construction or funded
  - Non-Exempt: Projects in development
  - Fairfax County's inputs
    - 25 projects exempt (see attached list)
    - 33 projects non-exempt (see attached list)

Zero-based Budgeting

Visualize 2050: Climate Change Mitigation

The new plan will also consider:

- The adoption of regional, voluntary, on-road transportation-sector GHG reduction goals
  - 50% below 2005 levels by 2030
    - *Matches Fairfax County Community-wide Energy and Climate Action Plan (CECAP)*
  - 80% below 2005 levels by 2050
    - *CECAP goal: 75% reduction by 2040*
- Seven GHG strategies that have the potential to reduce on-road transportation GHG
- Seven other GHG strategies which merit further coordinated discussion

Visualize 2050 Timeline

- January 2023:
  - Technical Input Solicitation Document (TIS) presented for review
  - LRTP and TIS webpage established
  - Comments due on TIS
- February 15, 2023:
  - TPB releases Call for Projects
  - List of Exempt and Non-Exempt Projects published for review
- March – June 2023
  - Comments received on exempt and non-exempt projects
  - TPB staff will meet with Board members and staff
  - County staff will seek Board endorsement of exempt & non-exempt projects
  - High level analysis of revenues and expenditures

Visualize 2050 Timeline

- July - August 2023
  - Preliminary project inputs for LRTP and Air Quality Conformity (AQC)
  - Reconcile draft financial analysis results and produce preliminary financial plan reflecting project submissions
- September 2023
  - Public comment on plan and AQC analysis, and AQC scope of work
  - TPB briefing on draft inputs for AQC

Visualize 2050 Timeline

- October 2023
  - Review of public comment for AQC
- November 2023
  - Draft inputs to the plan and AQC
  - Financial Analysis
- December 2023
  - TPB staff commence AQC Analysis:
    - nine months to a year.
- December 2024
  - TPB approves Visualize 2050 and the FY 2025-2028 TIP

What information will the Board want to have before voting on the exempt and non-exempt project list?

Discussion