

Visualize 2045

Technical Input Solicitation: for LRTP 2022 Update, TIP and the Air Quality Conformity Analysis

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Citizens Advisory Committee
November 12, 2020

Agenda Item # 11

visualize
2045 A long-range
transportation plan
for the National
Capital Region



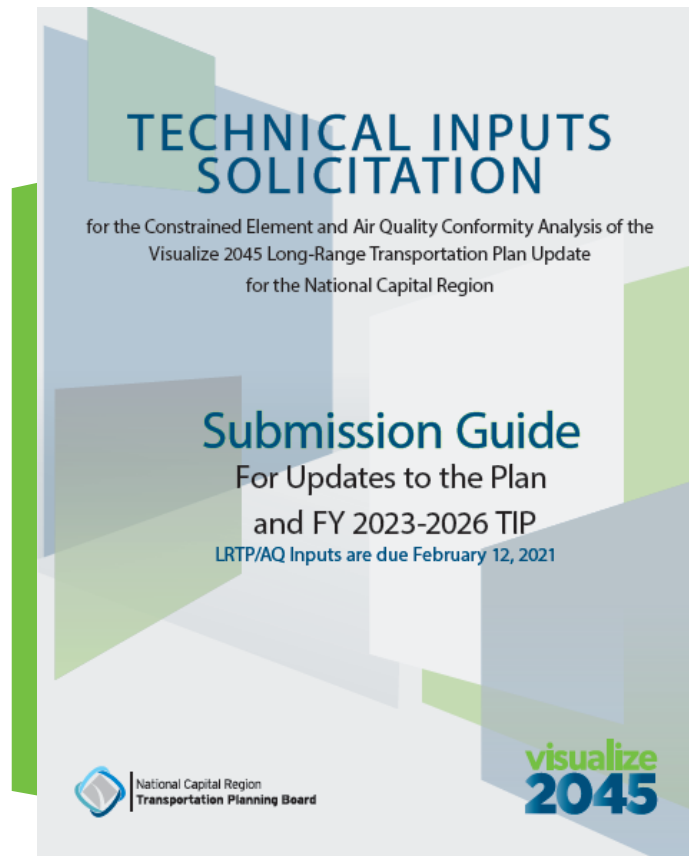
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Agenda

- 1. Purpose of the Technical Input Solicitation**
- 2. Contents**
- 3. Updates (from 2018)**
- 4. Regional Policy Questions**
- 5. Board actions**
- 6. Planning Activities**
- 7. Q & A**

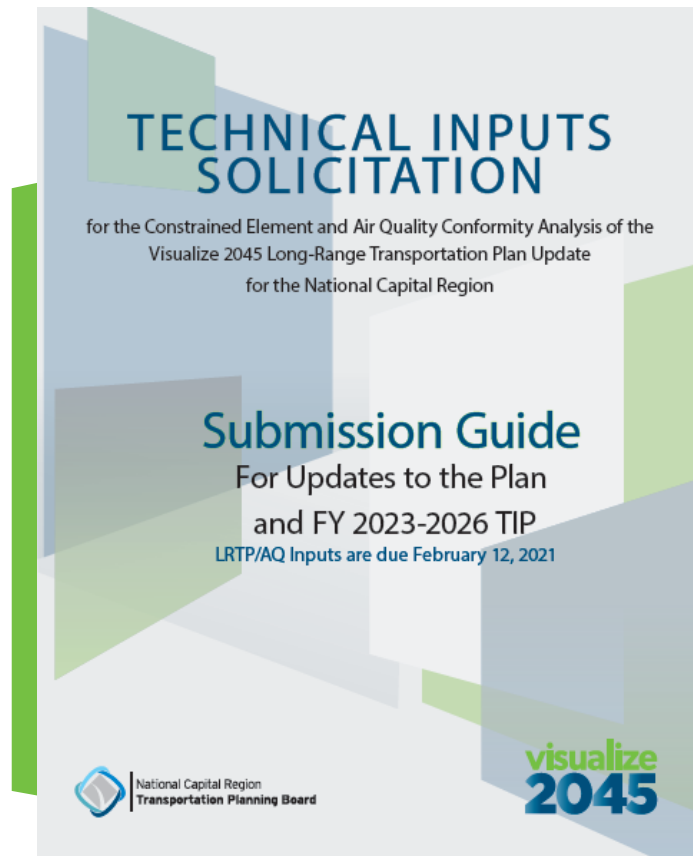
Top 5 things to know about the Technical Input Solicitation

1. TPB will be asked to approve the document in December 2020
2. Primary way TPB gets the technical inputs for performance analysis and the air quality conformity analysis
3. Projects are developed at the local level and are submitted to TPB
4. Projects are expected to address regional and federal priorities – input form asks if and how
5. TPB uses project information to communicate about what is in the Plan



Purpose of Technical Input Solicitation

- Provide transparency in process
- Link TPB priorities and federal requirements to projects, programs, and policies submitted by member agencies



Why does this document matter?

Local needs



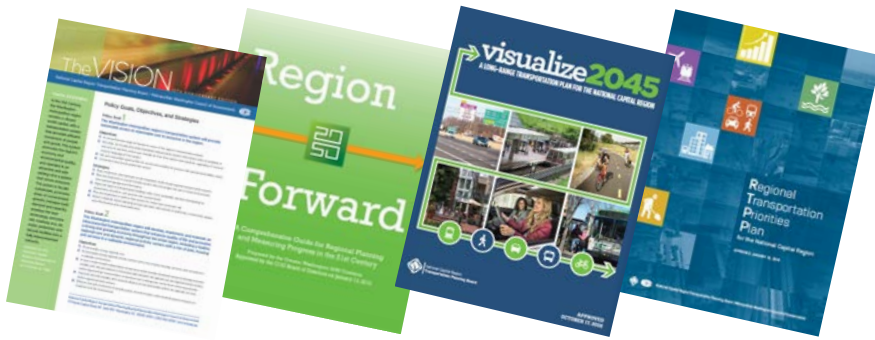
Federal requirements



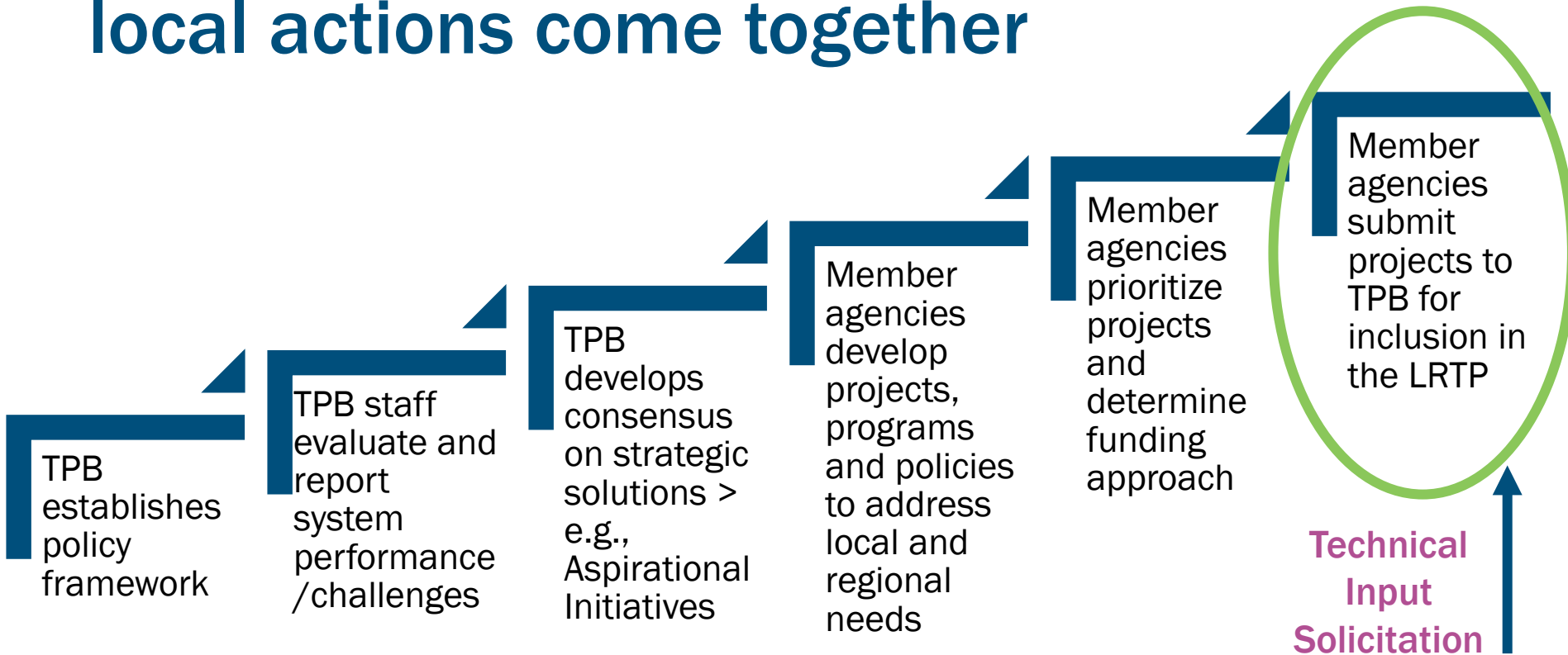
TPB priorities



Inputs to the LRTP
and Air Quality
Conformity Analysis



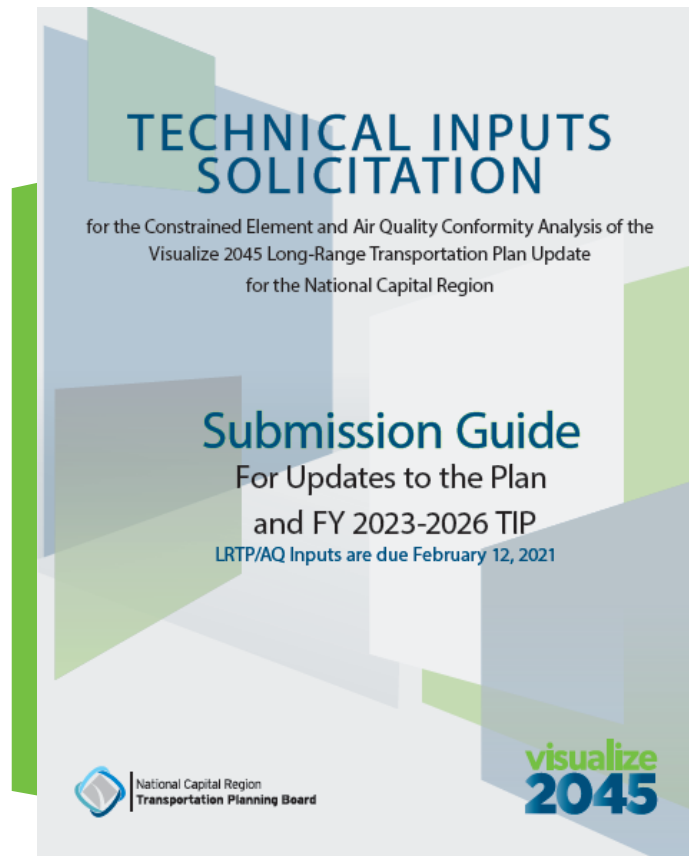
The Plan: where a regional vision and local actions come together



Updates to the Technical Input Solicitation (compared to last TPB approval)

- Editorial changes for clarity
- Updated schedule for new Plan, Air Quality Conformity and TIP cycle
- New design to reflect new Plan
- Updated policy questions to reflect TPB priorities

TPB has a new online database known as Project InfoTrak that members will use to submit projects

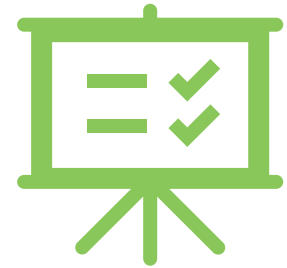


Technical Input Solicitation Contents

- Introduction
 - Requirements
 - Project Inputs
 - Plan and TIP Update Schedule
 - Responsible Agencies
 - Federal and Regional Policies
 - Seven Transportation Initiatives for a Better Future
 - Shared Regional Goals and Priorities
 - Federal Requirements and Policy Considerations
 - Performance-Based Planning and Programming
 - Basic Submission Instructions for Conformity Inputs
 - Amendments to the Plan and TIP
 - Resources and Maps
- Technical instructions
- TPB Priorities
- Technical instructions
-

A Focus on TPB priorities

- Members that submit projects must answer questions about if and how projects address the TPB Policy Framework
- Regional Transportation Priorities Plan Goals – with a new emphasis on:
 - Aspirational Initiatives
 - Safety
 - Equity
 - Climate Change mitigation targets



Questions: RTPP Goals

New equity questions



| Goal | Questions |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Provide a Comprehensive Range of Travel Options | <ul style="list-style-type: none"> Identify all travel mode options that this project provides, enhances, supports or promotes Is this project physically in an Equity Emphasis Area (EEA)? How does it improve equity? Does this project improve accessibility for historically transportation-disadvantaged individuals (i.e., persons with disabilities, low incomes, and/or limited English proficiency)? |
| Promote Regional Activity Centers | <ul style="list-style-type: none"> Does this project begin or end in an Activity Center? Does this project connect two or more Activity Centers? Does this project promote non-auto travel within one or more Activity Centers? Does this project connect an Equity Emphasis Area to an Activity Center? |
| Ensure System Maintenance, Preservation, and Safety | <ul style="list-style-type: none"> Does this project contribute to enhanced system maintenance, preservation? |
| Maximize Operational Effectiveness and Safety | <ul style="list-style-type: none"> Is this project primarily designed to reduce travel time on highways and/or transit without building new capacity (e.g., ITS, bus priority treatments, etc.)? Is this project expected to significantly reduce fatalities or injuries among motorists, transit users, pedestrians, and/or bicyclists? |
| Protect and Enhance the Natural Environment | <ul style="list-style-type: none"> Is this project expected to contribute to reductions in emissions of criteria pollutants, specifically, to attainment of ozone levels consistent with the National Ambient Air Quality Standard (NAAQS)? Is this project expected to contribute to meeting the regional goal of reducing greenhouse gasses by 50% below 2005 levels by 2030? |
| Support Interregional and International Travel and Commerce | <ul style="list-style-type: none"> Does this project enhance, support, or promote the following freight carrier modes: long-haul truck, local delivery, rail, or air freight carrier modes? Does this project enhance, support, or promote the following passenger carrier modes: air, Amtrak intercity passenger rail, intercity bus? |



Updated safety question



Updated climate questions



Updated Question: emphasizes the Aspirational Initiatives

Please provide additional written information that describes how this project further supports or advances the TPB Aspirational Initiatives, other regional goals, or needs.

- The aspirational initiatives are:
 - Bring Jobs and Housing Closer Together.
 - Expand Bus Rapid Transit and Transitways Regionwide.
 - Move More People on Metrorail.
 - Provide More Telecommuting and Other Options for Commuting.
 - Expand Express Highway Network.
 - Improve Walk and Bike Access to Transit.
 - Complete the National Capital Trail network

Updated Question: Safety

Responding to: TPB 2020 Safety Resolution

Goal: Ensure System Maintenance, Preservation, and Safety

Goal: Maximize Operational Effectiveness and Safety

- Is this project **expected to significantly reduce fatalities or injuries** among motorists, transit users, pedestrians, and/or bicyclists?

New Questions: Equity

Responding to: TPB July 2020 Equity Resolution

Goal: Provide a Comprehensive Range of Travel Options

- Is this project physically in an Equity Emphasis Area (EEA)? How does it improve equity?

Goal: Promote Regional Activity Centers

- Does this project connect an Equity Emphasis Area to an Activity Center?

Updated Questions: Climate Change Mitigation

Responding to: COG Regional 2030 Climate and Energy Action Plan, TPB Oct 2020 Resolution

Goal: Protect and Enhance the Natural Environment

- Is this project expected to contribute to reductions in emissions of criteria pollutants, specifically, to attainment of ozone levels consistent with the National Ambient Air Quality Standard (NAAQS)?
- Is this project expected to contribute to meeting the regional goal of reducing greenhouse gasses by 50% below 2005 levels by 2030

Transportation Planning Board

Member's role:

- Board Action: December 2020 Board will be asked to approve the Technical Input Solicitation
- Continue to encourage plans, programs and policies that implement the Aspirational Initiatives and other regional policy priorities



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Planning to Inform the Visualize 2045 update

- Safety study and program
- CAV whitepaper and webinars
- Resiliency adaptation study
- Public opinion research
- Communications tools



(USDOT)



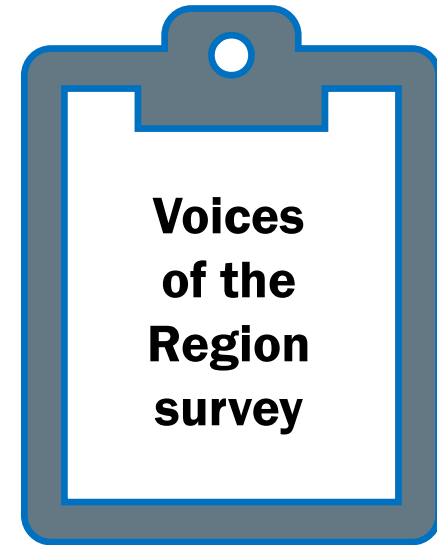
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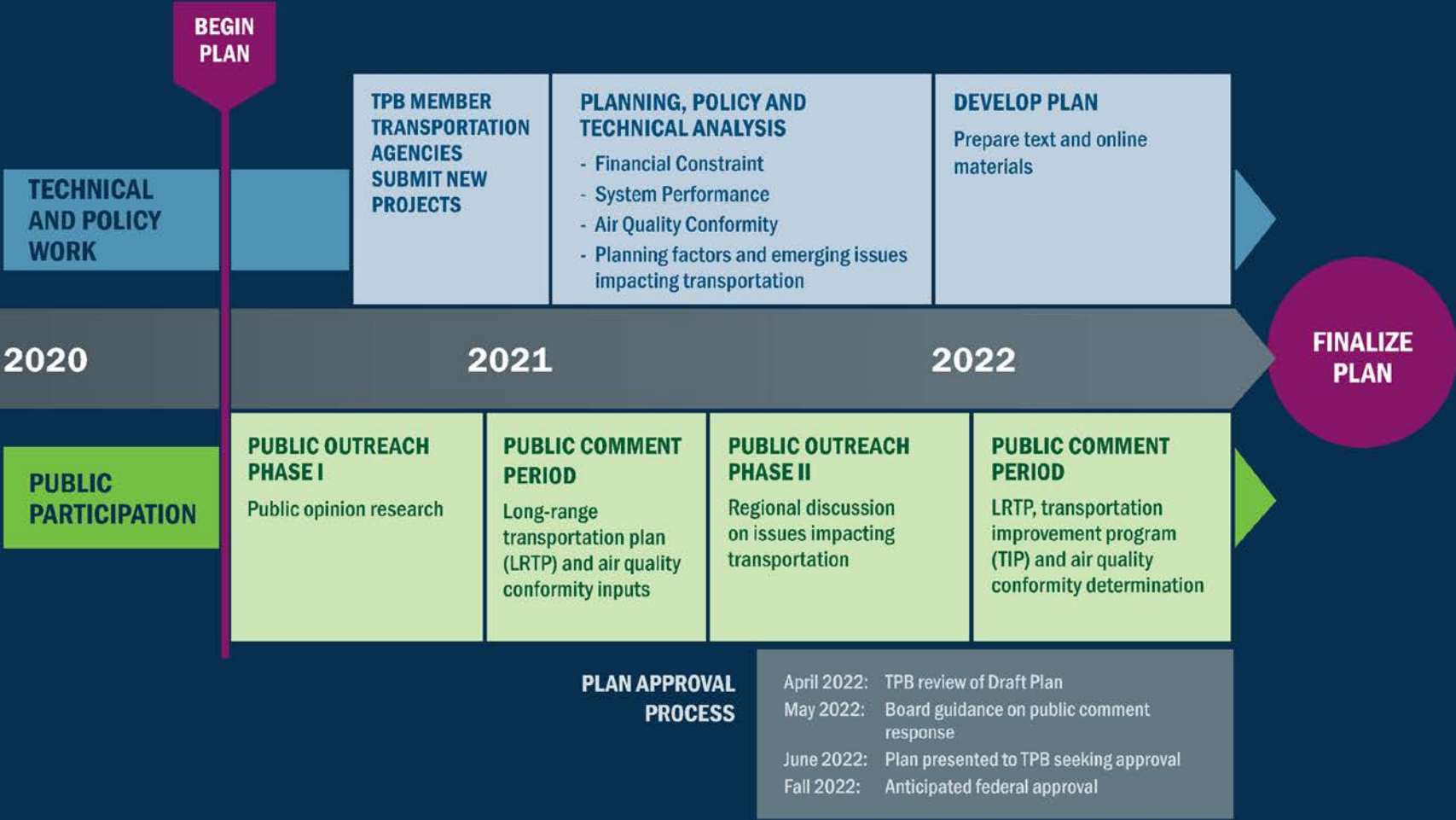
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Public Opinion Research

- Closed survey
 - Statistically significant for member counties, D.C. and the City of Alexandria
 - Topics covered:
 - Covid-19 impacts on transportation preferences
 - Projects that support the TPB policy framework & Aspirational Initiatives
 - Planning Factors and Emerging Issues
- Focus groups and small group outreach



TPB's Visualize 2045 Long-Range
Transportation Plan Update (2022)



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