Visualize 2045

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

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Transportation Planning Board November 18, 2020

Agenda Item # 11



transportation plan **Capital Region**



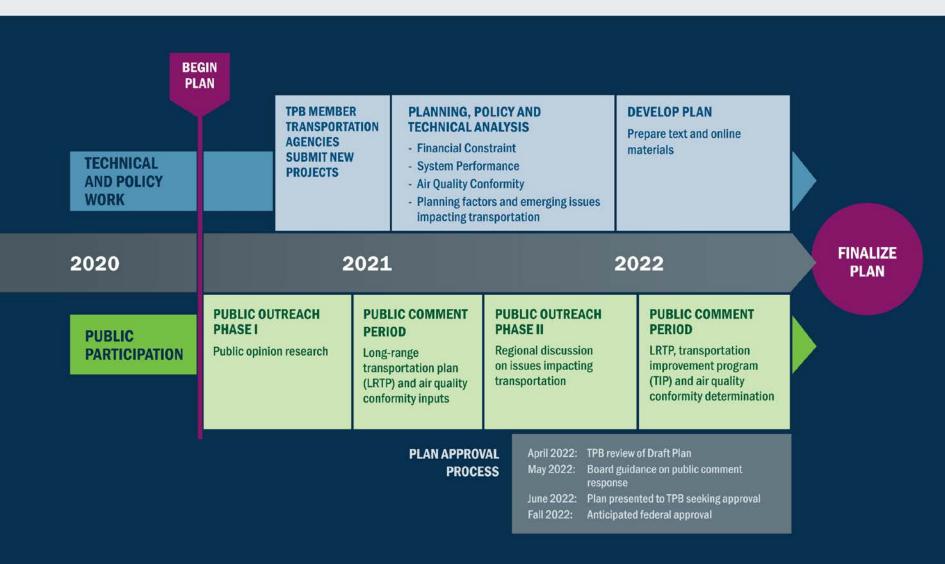
Agenda

- 1. Purpose of the Technical Input Solicitation
- 2. Contents and Updates
- 3. Regional Policy Questions
- 4. Board Role
- 5. Q & A



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





TPB's Visualize 2045 Long-Transportation Plan Updat



BEGIN PLAN

TECHNICAL AND POLICY WORK TPB MEMBER TRANSPORTATION AGENCIES SUBMIT NEW PROJECTS

Submission Guide
For Updates to the Flan
and FY 2023-2026 TIP

2021

2045

PLANNING, POLICY AND TECHNICAL ANALYSIS

- Financial Constraint
- System Performance
- Air Quality Conformity
- Planning factors and emerging issues impacting transportation

DEVELOP PLAN

Prepare text and online materials

2020

PUBLIC OUTREACH PHASE I

Public opinion research

PUBLIC COMMENT PERIOD

Long-range transportation plan (LRTP) and air quality conformity inputs PUBLIC OUTREACH PHASE II

Regional discussion on issues impacting transportation

PUBLIC COMMENT PERIOD

LRTP, transportation improvement program (TIP) and air quality conformity determination

PLAN APPROVAL PROCESS

April 2022: TPB review of Draft Plan

May 2022: Board guidance on public comment

2022

response

June 2022: Plan presented to TPB seeking approval

Fall 2022: Anticipated federal approval

PUBLIC PARTICIPATION

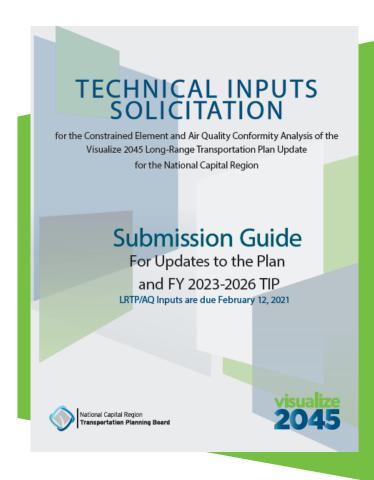
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FINALIZE

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



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Why does this document matter?

Local and regional needs



Federal requirements





TPB priorities



Inputs to the LRTP and Air Quality Conformity Analysis



The future of our regional transportation system



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

TPB establishes policy framework TPB staff
evaluate and
report
system
performance
/challenges

TPB
develops
consensus
on strategic
solutions >
e.g.,
Aspirational
Initiatives

Member agencies develop projects, programs and policies to address local and regional needs Member agencies prioritize projects and determine funding approach

Member agencies submit projects to TPB for inclusion in the LRTP

Technical Input Solicitation

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Contents and Updates

- 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:
 - TPB Policy Framework and the Regional Transportation Priorities Plan Goals

- A new emphasis on:
 - Aspirational Initiatives
 - Safety
 - Equity
 - Climate Change mitigation targets
- The MPO uses project information to communicate about what is in the Plan



Project InfoTrak: new TPB online database that members will use to submit project information.



Questions: RTPP Goals

Provide a Comprehensive Range of Travel Options Range of Travel Options New equity Questions Promote Regional Activity Centers Does this project begin or end in an Activity Centers? Does this project connect two or more Activity Centers? Does this project connect an Equity Emphasis Area to an Activity Centers? Does this project connect an Equity Emphasis Area to an Activity Centers? Does this project connect an Equity Emphasis Area to an Activity Centers? Does this project connect an Equity Emphasis Area to an Activity Centers? Does this project connect an Equity Emphasis Area to an Activity Centers? Does this project connect an Equity Emphasis Area to an Activity Centers? Does this project contribute to enhanced system maintenance, preservation? 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? 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? Does this project enhance, support, or promote the following freight carrier modes: air, Amtrak intercity passenger rail, intercity bus?		Goal	Questions
Updated safety question Does this project connect two or more Activity Centers?	• •	•	 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
Safety Maximize Operational Effectiveness and Safety Updated climate questions Maintenance, Preservation, and Safety Maximize Operational Effectiveness and Safety 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 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? 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?		_	 Does this project connect two or more Activity Centers? Does this project promote non-auto travel within one or more Activity Centers?
Protect and Enhance the Natural Environment Statis project expected to significantly reduce fatalities or injuries among motorists, transit users, pedestrians, and/or bicyclists? Protect and Enhance the Natural Environment Is this project expected to significantly reduce fatalities or injuries among motorists, transit users, pedestrians, and/or bicyclists? 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? 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?	safety	Maintenance,	Does this project contribute to enhanced system maintenance, preservation?
Climate Questions Natural Environment 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 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?		·	 building new capacity (e.g., ITS, bus priority treatments, etc.)? Is this project expected to significantly reduce fatalities or injuries among motorists,
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	visualizo	International Travel and	haul truck, local delivery, rail, or air freight carrier modes?Does this project enhance, support, or promote the following passenger carrier modes:

Updated Question: emphasizes the Aspirational Initiatives

Please provide additional written information that describes how this project further <u>supports or advances</u> the TPB <u>Aspirational Initiatives</u>, 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



TPB Members' role:

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





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