

visualize2045

A LONG-RANGE TRANSPORTATION PLAN FOR THE NATIONAL CAPITAL REGION

Technical Inputs Solicitation for the Constrained Element and Air Quality Conformity Analysis

Andrew Austin, Eric Randall, Lori Zeller

Transportation Planning Board
October 18, 2017



Federal Requirements

- **Financial Constraint**

Sufficient funding from existing or anticipated revenue sources must be demonstrated to be “reasonably expected to be available” to build, operate, and maintain the planned transportation system.

- **Air Quality Conformity**

Vehicle-related emissions under the Constrained Element of the plan must remain below approved regional limits.



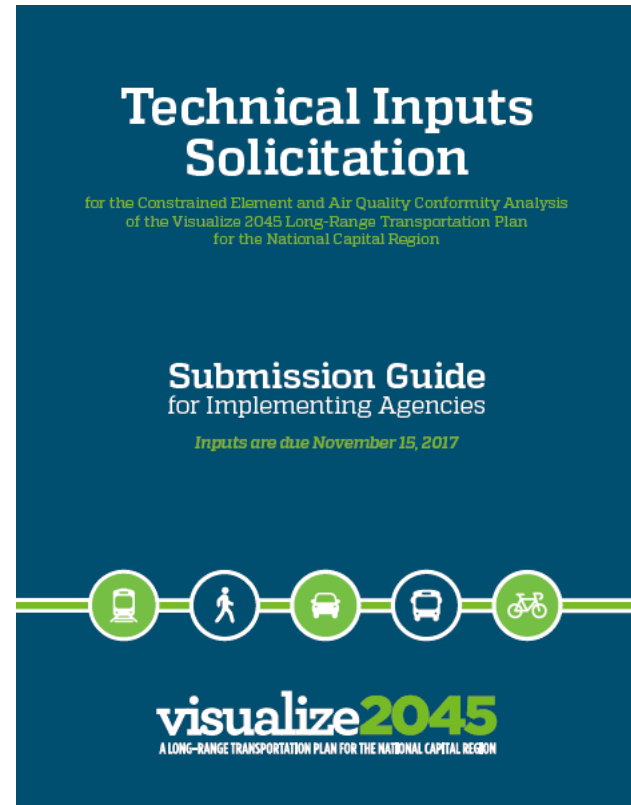
Visualize 2045 Timeline

January 2017	Update Kickoff
Summer 2017	Public Outreach Phase 1 Financial Analysis Begins
Fall 2017	Technical Inputs Solicitation Initial Financial Analysis
Winter/Spring 2018	Planning Factors Analysis
Spring/Summer 2018	Technical Analysis
October 2018	Final TPB Approval



Technical Inputs Solicitation

- Previously known as the Call for Projects
- Provides necessary inputs for Constrained Element and Air Quality Conformity Analysis
- ***TODAY: Act to approve the solicitation and officially open the solicitation period!***



Main Input Categories

- ✓ **Roadway Projects**
- ✓ **Transit Projects**
- ✓ **Bicycle or Pedestrian Projects**
- ✓ **Operations and Maintenance Programs**
- ✓ **Transit Service and Fare Assumptions**



Solicitation Schedule

Solicitation Opens	October 18
Solicitation Closes	November 15
Staff Review of Inputs	November
Committee and Board Review of Inputs	December
Comment Period	December 14–January 13
Review of Comments and Board Approval	January 17, 2018



Your Role

- Become acquainted with project and program details
- Ensure key questions are answered and details are provided
- Ensure consistency with locally adopted plans and priorities
- Ensure that sufficient local input from the public and local officials has been provided
- Discuss whether and how submissions support regional policy goals and priorities



Regional Policy Considerations



Initial Financial Analysis

- **“Financial constraint” requirement:** *Sufficient funding from existing or anticipated revenue sources must be demonstrated to be “reasonably expected to be available” to build, operate, and maintain the planned transportation system.*
- ***Initial Financial Analysis informs Technical Inputs Solicitation***

Reasonably Anticipated Revenues

- State fuel and vehicle taxes
- Federal program and grant funds
- Sales tax
- Tolls and Fares
- Private contributions

Planned Expenditures

- Operation & Maintenance of the highway system
- Operation and State of Good Repair of WMATA, MARC/VRE, local transit systems
- Construction of new projects



Initial Financial Analysis: Status

- **Initial Forecasts:**
 - ~\$235 billion in reasonably anticipated revenues
 - ~\$267 billion in currently planned or needed expenditures
- **Technical Inputs Solicitation submissions:**

Revenue and expenditure forecasts will be changed to reflect project, program, and policy submissions. (Inputs are due Nov. 15 and will be released for public comment Dec. 14.)
- **Reconciliation and “Financial Constraint” test:**

Finalize inputs so that reasonably anticipated revenues are equivalent to planned expenditures.



Preliminary Survey Findings

The screenshot shows a survey introduction interface. At the top left, a blue header contains a back arrow and the word 'Introduction'. On the left side, a vertical blue bar contains the word 'WELCOME' and a question mark icon. The main content area features a white text box with the heading 'Tell us about your travel experience in our region' and the text: 'What issues most affect your travel? What would make your experience better? Your answers will help guide a conversation among elected leaders and regional planners about our transportation future.' A green 'Begin' button is located to the right of this text. Below the text box is a large photograph of a cityscape with a prominent tower. At the bottom left, a grey box contains a progress indicator with four dots, the first of which is green, and the text: 'By 2045, there will be another 1 million people living in our region making as many as 3 million more trips. How will our transportation system accommodate this growth?'. At the bottom right, there is a logo for 'visualize2045' with the subtitle 'A LONG-RANGE TRANSPORTATION PLAN FOR THE NATIONAL CAPITAL REGION' and the 'National Capital Region Transportation Planning Board' logo. On the right side, a vertical blue bar contains a navigation menu with five items: '2 GETTING STARTED', '3 ISSUES', '4 YOUR IDEAS', and '5 ABOUT YOU'. A question mark icon is at the bottom right of this bar.



Preliminary Survey Findings

Top Factors Influencing People's Travel Choices

61%

of respondents selected

RELIABILITY

as a top factor influencing their travel choices

42%

of respondents selected

TRAVEL TIME

as a top factor influencing their travel choices



Preliminary Survey Findings

Top Issues Affecting People's Travel Experience

TRAFFIC CONGESTION

“Traffic on the roads makes it hard for me to get where I’m going on time.”

TIME SPENT IN TRAFFIC

“Traffic makes it take too long to drive where I need to go.”

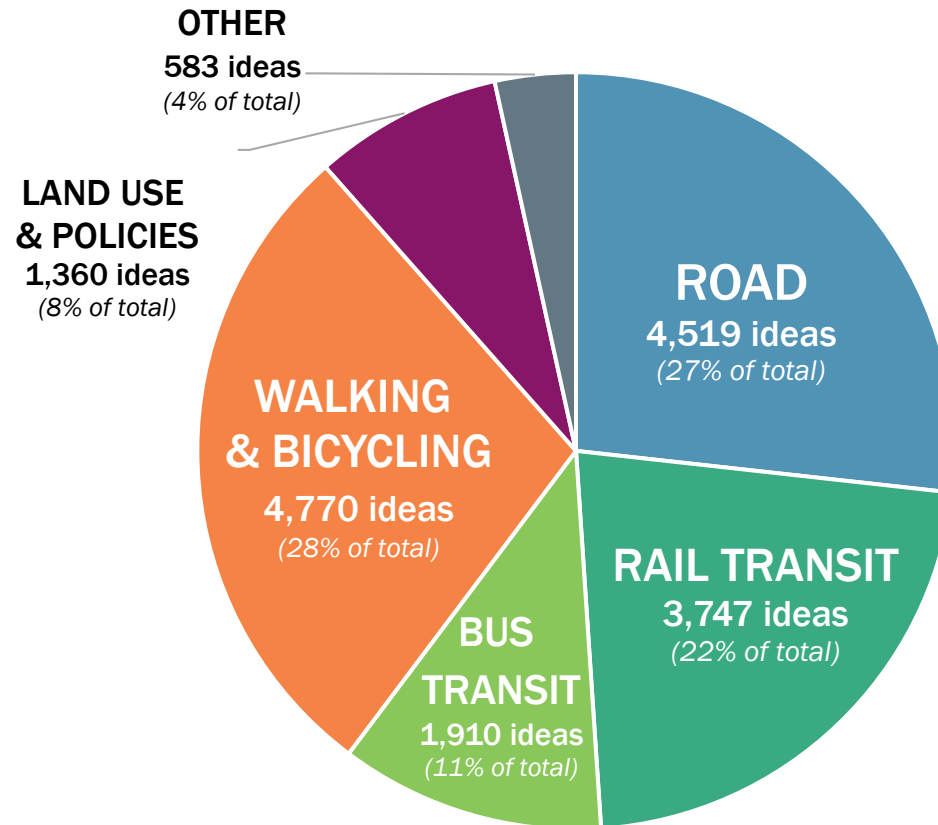
NEED FOR RAIL TRANSIT

“More or better rail transit options would make my travel experience better.”



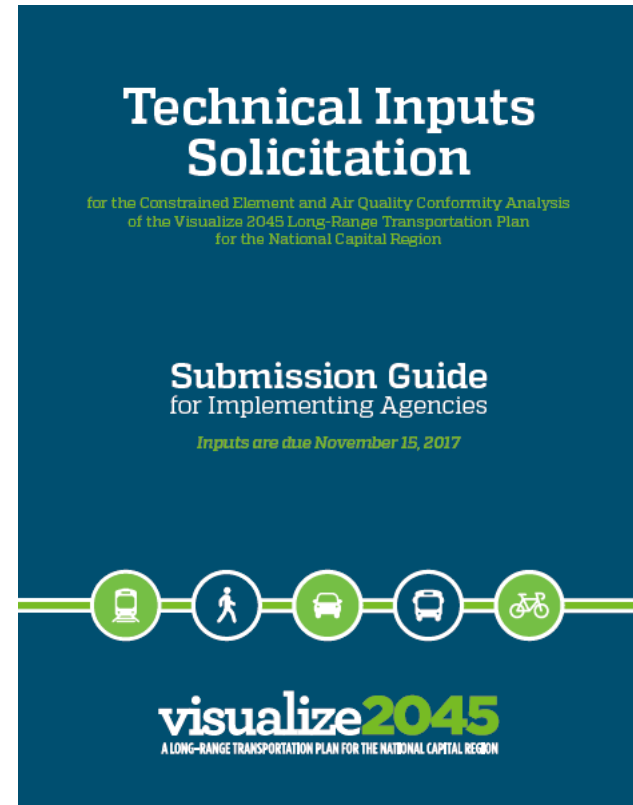
Preliminary Survey Findings

Ideas for Improving the Region's Transportation System



Requested Action

- ***Approve Visualize 2045 Technical Inputs Solicitation for the Constrained Element and the Air Quality Conformity Analysis***



Andrew Austin

TPB Transportation Planner
(202) 962-3353
aaustin@mwkog.org

Eric Randall

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

Lori Zeller

TPB Transportation Planner
(202) 962-3290
lzeller@mwkog.org

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



National Capital Region
Transportation Planning Board