



L RTP Scenario Planning Update

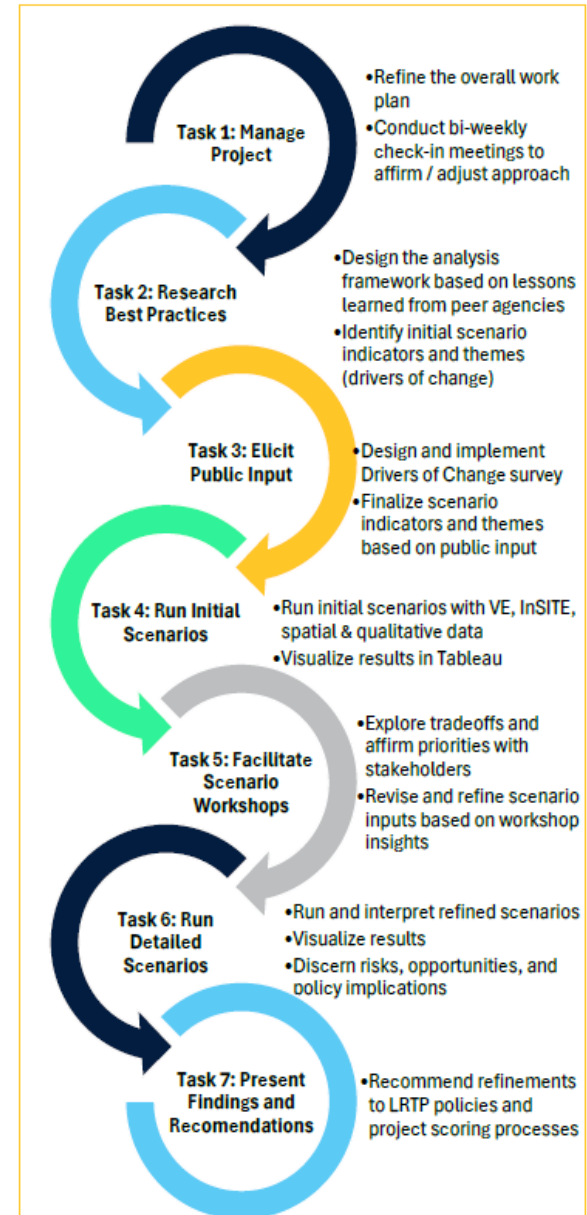
Technical Committee

December 3, 2024



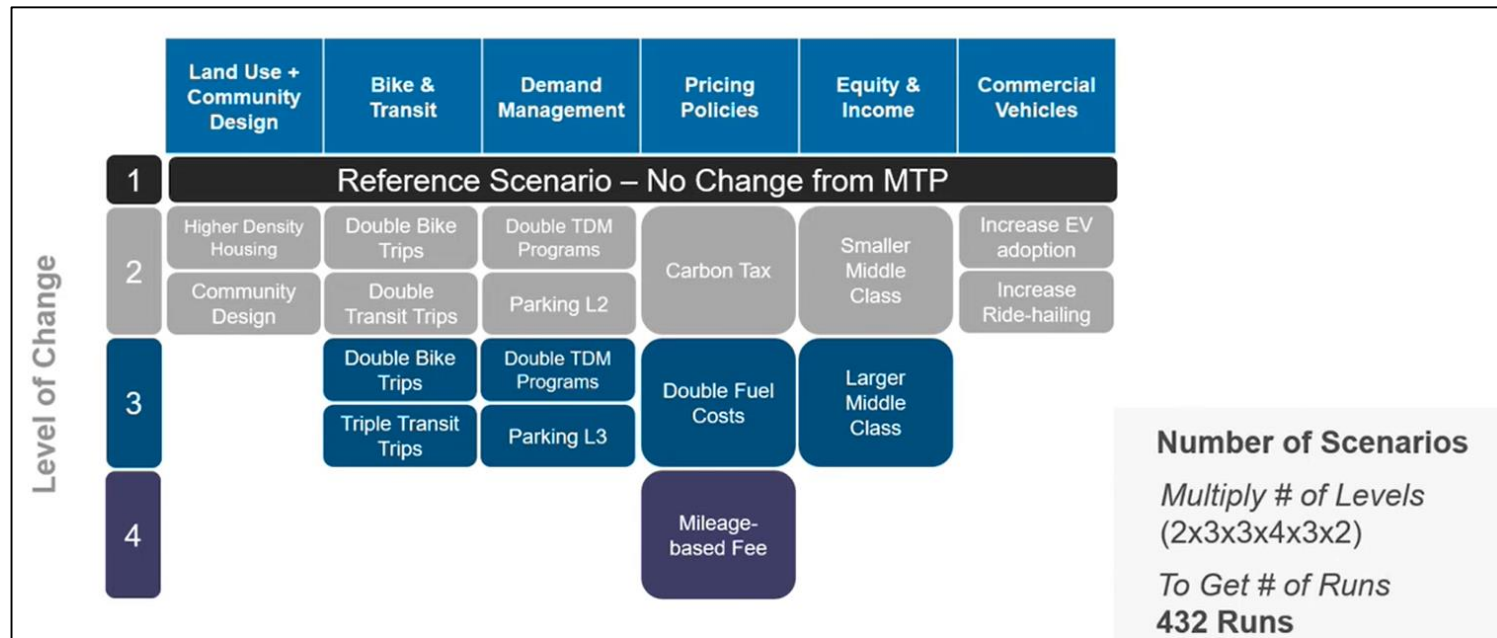
L RTP Scenario Planning: Project Purpose

- Identify strategies and policies that work well under multiple scenarios
- Inform 2027 L RTP
- Explore the potential impacts of uncertain future conditions related to:
 - Transportation investments
 - Transportation policy decisions
 - Socioeconomic changes
 - Housing
 - Technology
 - Environmental impacts
- Analyze impacts on equity emphasis areas in the Baltimore region



L RTP Scenario Planning: Analysis Tools

Sample analytical framework using VisionEval:



Identify promising scenarios

Run limited number of scenarios InSITE model and factor in off model inputs (climate resilience, equity indicators)

L RTP Scenario Planning: Progress

- Contract awarded to ICF, with project Kickoff in September
- Peer agency scan underway to identify:
 - Scenario planning best practices
 - Stakeholders included
 - How their scenario planning exercises impacted policy and/or the Long-Range Transportation Plan
 - How their exercises influenced equity-related policy and practices
- Peer Agencies:
 - Anchorage MPO
 - Atlantic Regional Commission
 - Boston MPO
 - Chittendon County RPC
 - DVRPC (Philadelphia MPO)
 - Durham Chapel Hill Carrboro MPO
 - Houston-Galveston Area Council
 - Minnesota DOT
 - Virginia DOT

What choices should we make when planning for the future of our region?

Forecasts by the Houston-Galveston Area Council predict that by the year 2040, our region will:

- Grow by 3.5 million people
- Gain 1.9 million jobs
- Become a "majority minority" population

WIN GIFT CARD amazon.com

For this survey, please consider three possible futures for the region. Each represents one of the top three areas residents indicated were important during a survey conducted in early 2012 - **Less Time on the Road, Greener Region, Competitive Workforce**. As a baseline when thinking about these three alternative futures, please consider the **Current Course**, or what the future may look like if we don't make any changes to our current growth, environmental and educational trends.

2040 Current Course

- Existing trends continue
- No major policy changes
- Most of growth occurs outside of existing towns and cities
- Traffic congestion increases
- Large amount of natural areas lost to development
- Education concerns not addressed, leading to a less competitive workforce

2040 Alternative Future: Less Time on the Road

- Reduction in travel times, costs
- Most of growth occurs in existing places
- More jobs and housing located closer together
- Some new housing is smaller sized, in walkable areas
- More investment in sidewalks, bikeways, public transportation
- Better air quality

2040 Alternative Future: Greener Region

- Air and water quality improved
- Development reduced in flood and storm surge vulnerable areas
- Best natural areas preserved
- New businesses, workers, tourists attracted by natural areas
- Greener practices adopted by local governments

2040 Alternative Future: Competitive Workforce

- Increase in education attainment of residents
- Community factors, such as poverty and crime, addressed
- Highly skilled workforce
- Competitive economic region
- Good jobs and job training opportunities

L RTP Scenario Planning: Progress

- “What If?” Survey launched November 19 and runs through Sunday, December 8
- Survey intended to gather input on:
 - Scenario Categories (Transportation Investments, Policies, Housing/Land use, etc.)
 - Variables within categories (Transportation Investments: Expand transit, bike/pedestrian, or roadway investments; maintain existing infrastructure, etc.)
 - Measuring outcomes (Access, Mobility, Safety, Environmental Conservation, Economic Prosperity)
- 498 participants as of this morning
- Share widely! <https://publicinput.com/whatif>

L RTP Scenario Planning: Progress

Sample social media ad:



What if the future brings ...?

More extreme weather events

Lots of new housing

More autonomous vehicles

Free transit

Help us ask the **RIGHT QUESTIONS**

BALTIMORE METROPOLITAN COUNCIL

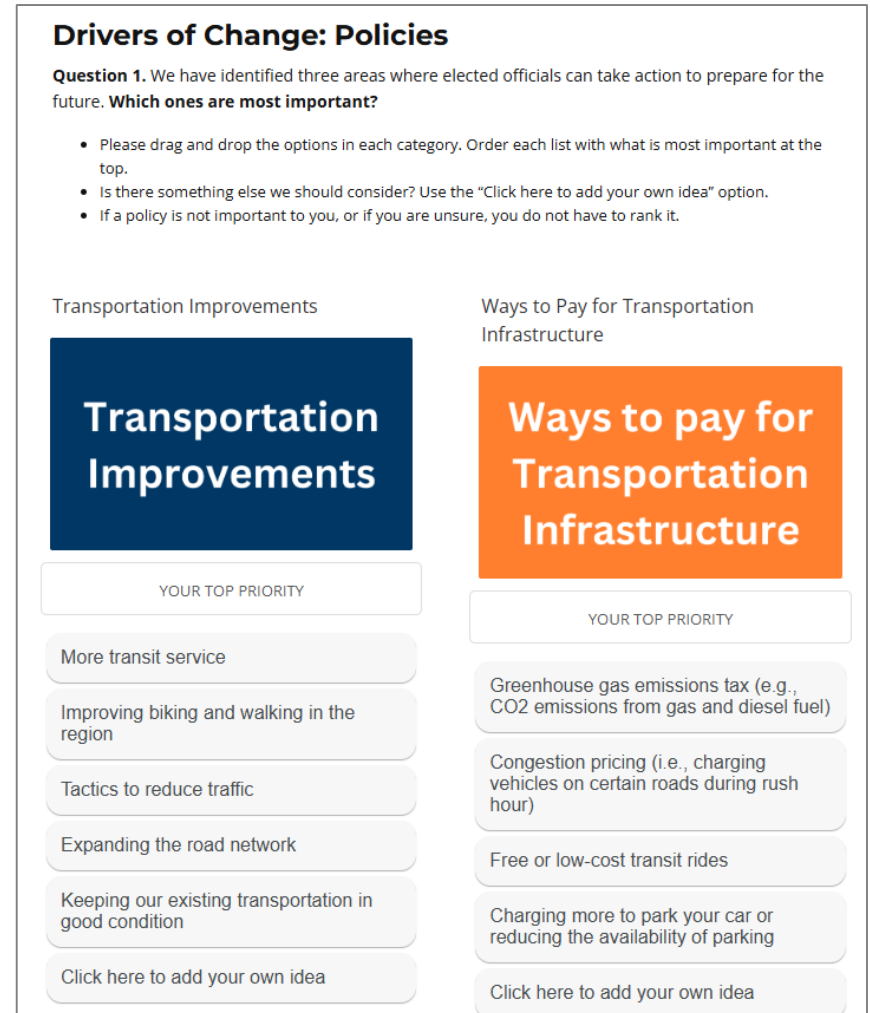
BRTB
Baltimore Regional Transportation Board

We're planning for the future.
What are your biggest concerns around transportation, housing, climate, and more?

TAKE A SHORT SURVEY
for a chance to win a \$50 gift card!

publicinput.com/WhatIf

Screenshot from survey:



Drivers of Change: Policies

Question 1. We have identified three areas where elected officials can take action to prepare for the future. **Which ones are most important?**

- Please drag and drop the options in each category. Order each list with what is most important at the top.
- Is there something else we should consider? Use the "Click here to add your own idea" option.
- If a policy is not important to you, or if you are unsure, you do not have to rank it.

Transportation Improvements

Transportation Improvements

YOUR TOP PRIORITY

More transit service

Improving biking and walking in the region

Tactics to reduce traffic

Expanding the road network

Keeping our existing transportation in good condition

Click here to add your own idea

Ways to Pay for Transportation Infrastructure

Ways to pay for Transportation Infrastructure

YOUR TOP PRIORITY

Greenhouse gas emissions tax (e.g., CO2 emissions from gas and diesel fuel)

Congestion pricing (i.e., charging vehicles on certain roads during rush hour)

Free or low-cost transit rides

Charging more to park your car or reducing the availability of parking

Click here to add your own idea

L RTP Scenario Planning: Upcoming

- Continuing to build out VisionEval model (expanding to include York and DC MPO regions)
- January 2025: Technical Committee meeting will include a work session and presentation on recommended scenario categories, variables and performance measures
- January 2025: VisionEval and InSITE model runs
- February 2025: Scenario workshops including (a) BRTB and subcommittee members; (b) Local/State Housing and Planning staff; (c) Non-profit and Business Organizations

For More Information

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