2045 Metropolitan Transportation Plan Working Group

metroplan orlando A REGIONAL TRANSPORTATION PARTNERSHIP

Meeting Record

Date: Wednesday, September 16, 2020

Time: 10:00 a.m.

Location: Online / Virtual via Zoom

Attendees: Working Group Members

Bill Wharton, Bob O'Malley, Chris Cairns, Conroy Jacobs, Dan Stephens, Fred Milch, Graciela Noriega-Jacoby, Hazem El-Assar,

Jeff Piggrem, Kathy Lee, Kelly Brock, Lee Pulham, Michael Aller, Tomika Monterville, Myles O'Keefe, Rachel Kobb, Rakinya Hinson, Venise White,

Siaosi Fine, Will Hawthorne

MetroPlan Orlando Staff

Alex Trauger, Cynthia Lambert, Lara Bouck,

Nick Lepp, Gary Huttmann, Eric Hill,

Mary Ann Horne, Sarah Larsen, Keith Caskey

Virginia Whittington, Leilani Vaiaoga,

Mighk Wilson, Jasmine Blais

Others in attendance

John Kaliski, Michael Williamson,

Danny Shopf, Blanche Hardy, Demond Hazley, Emily Brown, Jeff Arms, Courtney Reynolds,

Matt Wiesenfeld, Benjamin Bossley, William Slot, Chris Bame, Taylor Laurent

Reference: 1) Meeting Agenda; 2) Presentation Materials

Summary

Welcome and Introductions -

Mr. Alex Trauger, MetroPlan Orlando staff and MTP Project Manager, called the meeting to order, welcomed attendees, and provided accessibility/public comment instructions and an overview of the meeting's agenda.

Status Update: Planning Process -

Mr. Alex Trauger, MetroPlan Orlando staff, provided an update on the 2045 MTP process. The status update included an overview of activities since the last working group meeting including: coordination with the MPO's Advisory Committees and Board, quantifying scenarios and identifying long-range strategies, finalizing data models, and identifying preliminary regional multimodal needs. The status update concluded by summarizing next steps and how the process feeds into needs assessment and project prioritization. MPO staff also introduced three new online map tools developed as part of the 2045 MTP to improve visualization and access to information:

- 1) Data Viewer (https://metroplanorlando.org/maps-tools/DataViewer)
- 2) Crash Dashboard (https://metroplanorlando.org/maps-tools/CrashData)
- 3) Existing Conditions Story Map (https://metroplanorlando.org/maps-tools/ExistingConditions)

Status Update: Public Participation -

Ms. Cynthia Lambert, MetroPlan Orlando staff, provided a status update on the MTP Public Participation process. The presentation focused on pre- and post-pandemic engagement approaches and preliminary findings. Ms. Lambert called attention to the Webinar Series hosted by MetroPlan Orlando which included content focusing on planning for the year 2045, health and environmental issues, and scenario planning. It was noted that each of the webinars were well attended by targeted and general audiences; and continue to be viewed/accessed online (recordings are posted on the MetroPlan Orlando YouTube channel).

The status update also included a summary of the public opinion/market research conducted in July 2020. Ms. Lambert provided an overview of the methodology and discussed the relevance of findings as they pertain to the 2045 MTP. The public participation status update concluded with some insights from the youth outreach program and the reveal of a video produced by MetroPlan Orlando, focusing on planning for safer outcomes. Presentation materials (copy of PowerPoint slides) included for reference.

Link to 2045 Plan Safety Video: https://youtu.be/rgzCThzLOpM

Presentation & Group Discussion: Preliminary Multimodal Needs -

Mr. Alex Trauger, MetroPlan Orlando staff, summarized the planning approach for the 2045 MTP. He noted the process evaluated needs using a comprehensive set of performance indicators to identify mobility improvements. Calling attention to information presented at previous Working Group meetings, Mr. Trauger briefly described the needs assessment methodologies and emphasized that the 2045 MTP used several different approaches to analyze multimodal (transit, pedestrian, bicycle, roadway, freight, and TSM&O) transportation needs.

Following the methodology overview, preliminary needs/findings were presented to the Working Group. Staff introduced each of the needs lists and discussed the significance of the categories and issues types as they relate to project development and implementation. Following the presentation, staff answered questions pertaining to how existing priorities were included in the process and the approach to identifying utility corridor / easement opportunities for regional trails.

Presentation & Group Discussion: Scenario Planning Strategies and Next Steps -

Mr. John Kaliski, Cambridge Systematics, provided an overview of the 2045 MTP's Scenario Planning framework and summarized each of the four alternative futures. He then discussed the strategy development process, which included the review of regional and statewide plans, consideration of national best practices, feedback from public and partner agencies, and direct response to scenario planning findings/implications. Mr. Kaliski summarized the strategy categories and presented each of the preliminary strategies identified, including their relationship and scale of importance to each of the four alternative futures. Following the presentation and introduction of each strategy, working group members were asked three questions using a Zoom Poll:

- 1) Which strategies make sense in all futures?
- 2) Which strategies are worth the risk, to help shape the future we want?
- 3) Or to avoid the future we don't want?

Following the poll questions and related discussion, Mr. Kaliski called attention to other issues/implications identified as part of the scenario planning process, such as the need to review existing processes and explore expanded activities, including: research and demonstration projects, technical support to local governments, data management and tools, collaboration (especially with non-traditional partners), and new or expanded funding programs.

Presentation & Group Discussion: Cost Feasible Plan Key Topics -

Mr. Nick Lepp, MetroPlan Orlando staff, summarized the cost feasible plan development process and discussed key topics. These topics included: funding policies, existing priorities and programmed projects, performance-based planning / prioritization, adoption by reference, and consistency of MPO core products (UPWP, MTP, PPL, TIP).

Next Steps -

MetroPlan Orlando staff discussed next steps relating to the overall 2045 Plan update which includes continuing public participation with an online focus, finalizing the Congestion Management Process, and preparing the draft Cost Feasible Plan for public review.

2020 Meeting Schedule -

• Tuesday, November 3, 2020, 9:30 a.m.

Public Comments -

None

Adjournment -

Meeting was adjourned at 12:05 p.m.

As required by Section 286.0105, Florida Statutes, MetroPlan Orlando hereby notifies all interested parties that if a person decides to appeal any decision made by MetroPlan Orlando with respect to any matter considered at such meeting or hearing, he or she may need to ensure that a verbatim record is made to include the testimony and evidence upon which the appeal is to be based.

2045 Metropolitan Transportation Plan Working Group



Meeting Notice

Date: Wednesday, September 16, 2020

Time: 9:30 a.m.

Location: Virtual / Zoom Information about MetroPlan Orlando's Virtual Meetings:

www.MetroPlanOrlando.org/VirtualMeetings

Agenda

Welcome

II. Status Updates

- Planning Process and Work to Date
- Public Participation and Virtual Engagement

III. Presentation & Group Discussion

- Multimodal Needs Assessment: Preliminary Findings
- Scenario Planning: Strategies and Next Steps
- Cost Feasible Plan: Key Topics

IV. Meeting Schedule

Tuesday, November 3, 2020, 9:30 a.m.

V. Public Comments

Each speaker is limited to two (2) minutes.

VI. Adjournment

In accordance with the Americans with Disabilities Act (ADA), if any person with a disability as defined by the ADA needs special accommodations to participate in this proceeding, he or she should contact Ms. Lisa Smith, MetroPlan Orlando, 250 South Orange Avenue, Suite 200, Orlando, Florida, 32801 or by telephone at (407) 481-5672 x307 at least three business days prior to the event.

Persons who require translation services, which are provided at no cost, should contact MetroPlan Orlando at (407) 481.5672 x307 or by email at lsmith@metroplanorlando.org at least three business days prior to the event.

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2045 Metropolitan Transportation Plan Working Group Meeting #6

Virtual Meeting: September 16, 2020



Today's Agenda

- I. Welcome
- II. Status Updates:
 - Planning Process and Work to Date
 - Public Participation and Virtual Engagement
- III. Presentation & Group Discussion:
 - Multimodal Needs Assessment: Preliminary Findings
 - Scenario Planning: Strategies and Next StepsCost Feasible Plan Development: Key Topics
- IV. Upcoming Meetings
- V. Public Comments
- VI. Adjourn



Accessibility

This meeting is accessible to people with disabilities. Zoom products are compliant, with exceptions, with most Web Content Accessibility Guidelines. If you require accommodations to participate in this meeting, please contact MetroPlan Orlando staff using the methods below. Recordings and written records of the meeting are available to the public.

407-481-5672 | Email: Info@MetroPlanOrlando.org



Public Comment

Opportunity later in the meeting

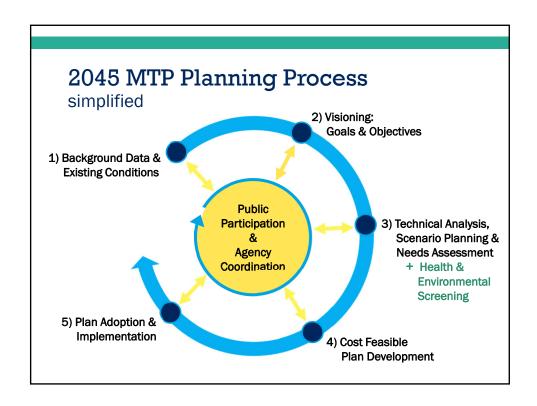
Use "Raise Hand" feature at appropriate time (Look under Participants tab for the raise hand button or dial *9 if on the phone)



Wait to be recognized by chairperson, provide name and address when called.

You have 2 minutes to make your comment.

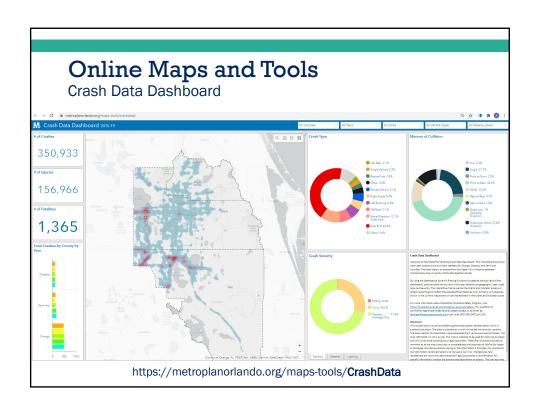
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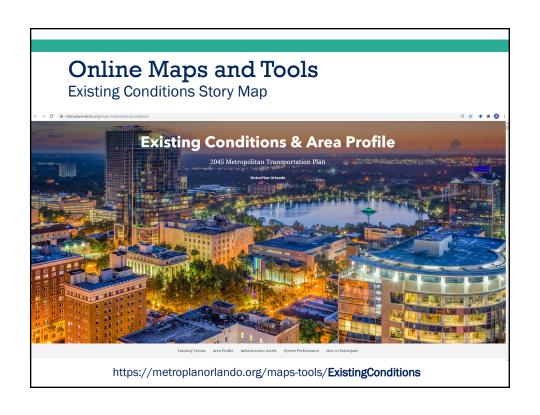


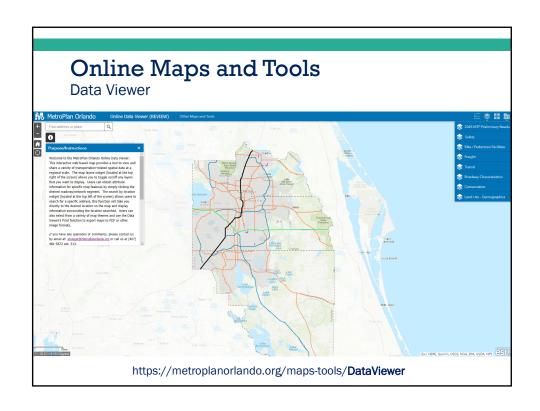
2045 MTP Working Group Since Our Last Meeting

- Advisory Committee & Board Presentations
- Continued Scenario Planning Process
- Finalized Data Models
- Prepared Preliminary Needs / Strategies



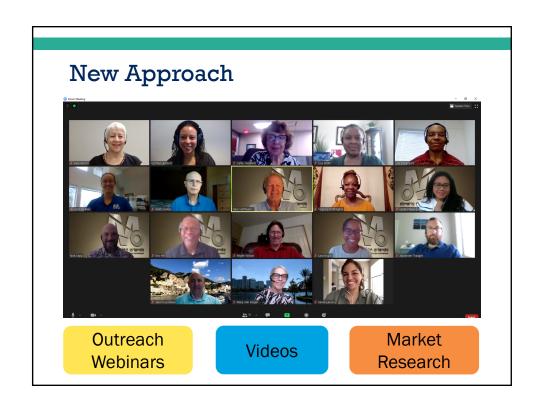


















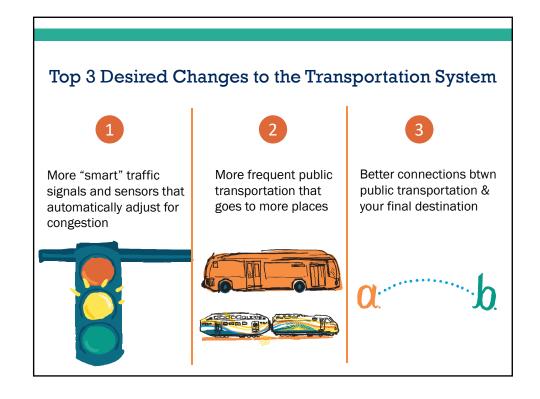
Market Research: Public Opinion Survey

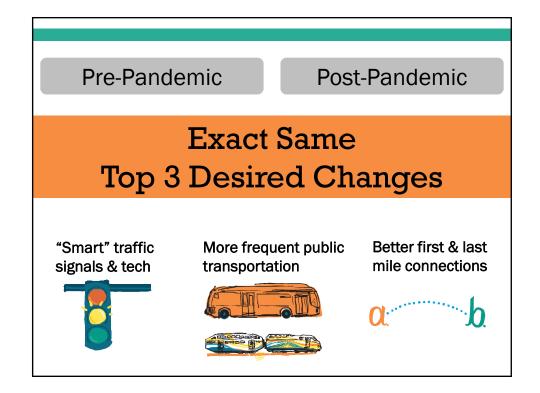
- Sample Size: 1,309 in three-county area, demographics reflective of community
- New Methodology: online panel
- Data Collected: July 24-30, 2020
- Question Topics: 2045 Plan goals & top 3 desired transportation changes

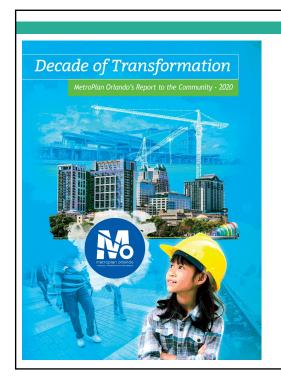




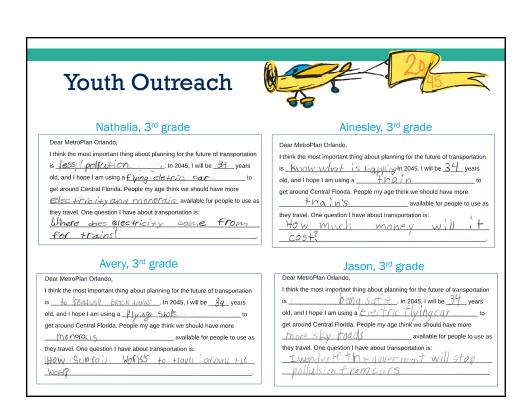








Annual Report







Presentation & Discussion: Preliminary Multimodal Needs

Alex Trauger - MetroPlan Orlando



Planning Approach

2020-2040 Plans

Needs based on levels of automobile congestion





2045 Plan

Needs and opportunities based on multimodal goals and objectives

MetroPlanOrlando.org/2045

Multimodal Needs Assessment

- Unique method for each mode of travel
- Objective-Driven + Data-Informed Analysis
- Scenario Planning Considerations



Project Prioritization
will take findings from needs
assessment and rank corridors
based on cumulative
regional performance

Preliminary Findings

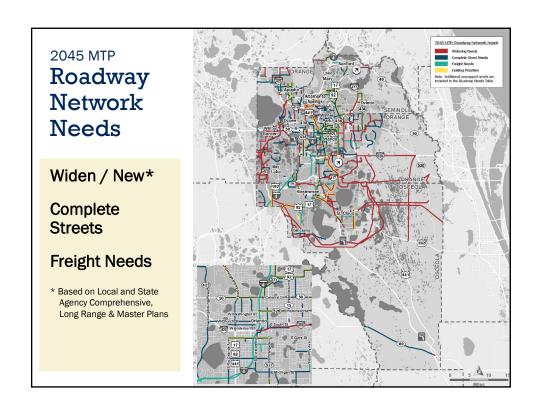
Multi-Criteria Analysis

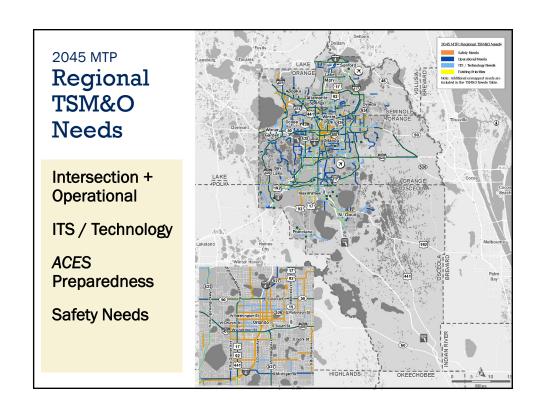
- GIS Data Model
- Factors Equally Weighted

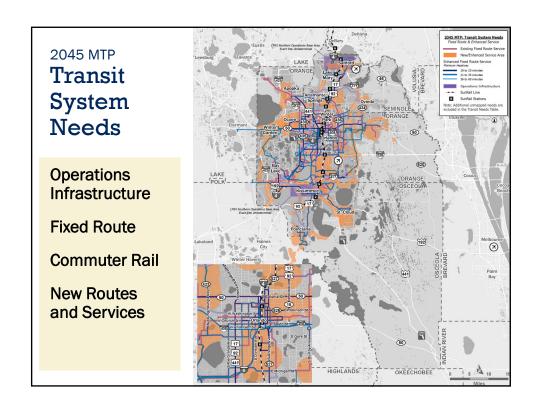
Needs and Opportunities

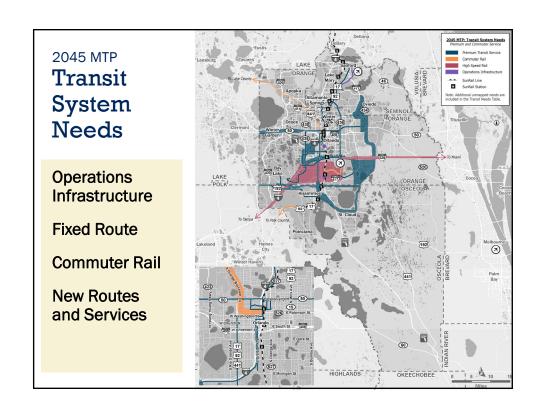
- Roadway Network
- TSM&O + ITS
- Transit System
- Bicycle & Pedestrian

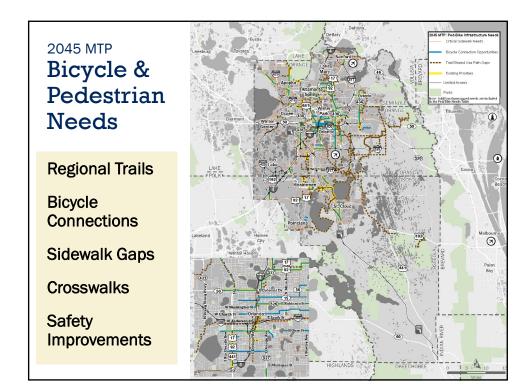












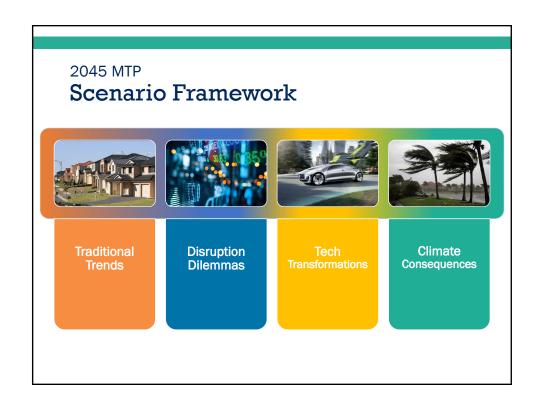
Needs Assessment

Takeaways

- Consistent need for complete street or operational improvements on constrained corridors
- Widening needs in Horizons West, north Osceola County, Altamonte/Maitland area
- Truck parking needs on corridors which service large freight activity centers
- Transit Operations Infrastructure: South (Osceola) and North (Seminole) operating bases







2045 MTP: Scenario Planning

Strategy Development

- What
 - Policy or strategy changes to help move region toward long-range goals
- How
 - Review existing regional and statewide plans
 - Consider national best practices
 - Gather partner input
 - Respond to scenario implications; "future proof" plan



2045 MTP: Scenario Planning

Strategy Categories

- Safety/security
- Roadway network
- TSMO/technology
- Transit/shared mobility
- Bicycle/pedestrian
- Freight
- Interregional connectivity



Strategy	Traditional Trends	Disruption Dilemmas	Tech Transformations	Climate Consequences
Continue to advance Vision Zero initiatives	•	•	•	•
Update emergency management plans	0	•	•	•
dentify/mitigate cybersecurity/data security risks	0	•	•	0

Roadway Network				
Strategy	Traditional Trends	Disruption Dilemmas	Tech Transformations	Climate Consequences
Maintain roads and bridges in state of good repair	•	•	•	•
Complete I-4 Beyond the Ultimate and regional expressway system expansion	•	0	0	•
Expand use of managed lanes (HOV, HOT, express bus)	•	0	•	•
Improve local street network connectivity	•	•	•	•
Advance complete streets initiatives	•	0	0	•
Use street, curb, and parking space freed up by potential decline in car travel for other purposes		•	•	
Expand capacity in targeted areas	0	0	•	•
Reduce vulnerability to risks	0	•	0	

2045 MTP: Scenario Planning Strategi TSM&O / ITS / Technological				
Strategy	Traditional Trends	Disruption Dilemmas	Tech Transformations	Climate Consequences
Continue to implement TSMO solutions	•	•	•	•
Adjust speeds to reflect roadway context	0	•	•	0
Expand electric vehicle charging stations	0	•	•	•
Support expanded options for telepresence	0	•	•	•
Facilitate regional broadband deployment	0	•	•	•
Help local governments prepare for Automated, Connected, Electric, Shared Vehicles (ACES)	0	•	•	•
Help local governments prepare for micromobility	0	0	•	•

2045 MTP: Scenario Planning Strategies Transit & Shared Mobility (1/2) Strategy Maintain transit assets in state of good repair Improve public transportation safety and security Improve sanitation and customer health screening Increase LYNX and SunRail hours and frequency Optimize LYNX route structure Prepare for increased drivers/vehicles/operations infrastructure

2045 MTP: Scenario Planning Strategies Transit & Shared Mobility (2/2) Strategy Support alternatives fuels and automated systems 0 0 Expand first/last mile options (micromobility, MaaS) 0 Integrate regional e-payment systems 0 0 Create regional mobility hubs 0 Accommodate riders during heat/precipitation 0 0 Enhance transportation disadvantaged services 0 0

2045 MTP: Scenario Planning Str Pedestrian and Bicyc	_			
Strategy	Traditional Trends	Disruption Dilemmas	Tech Transformations	Climate
Improve bike/ped safety	•	•	•	•
Improve bike/ped access to jobs, housing, services, schools	•	•	•	•
Improve convenience of active transportation for all ages and abilities	•	•	•	•
Improve connectivity of sidewalks and trails; close system gaps	•	•	•	•
Expand bike/ped accommodations on roadways and sat mobility hubs	•	•	•	•
Improve accommodation during extreme heat and participation	0	0	0	•

2045 MTP: Scenario Planning Str Freight	o. to B. o o			
Strategy	Traditional Trends	Disruption Dilemmas	Tech Transformations	Climate Consequences
Increase freight route efficiency/reliability	•	0	0	•
Improve connectivity to freight terminals/clusters	•	0	0	•
Increase truck parking availability	•	•	•	•
Support increased urban/neighborhood goods delivery	0	•	•	•
Support increased supply chain resilience	0	•	•	•
Test/deploy emerging freight technologies	0	•	•	0

2045 MTP: Scenario Planning Strategies Interregional Connectivity				
Strategy	Traditional Trends	Disruption Dilemmas	Tech Transformations	Climate Consequences
Continue I-4 corridor TSMO coordination	•	•	•	•
Expand multimodal connectivity to key hubs	•	0	•	•
Prepare for interregional passenger rail service	•		•	•
Strengthen interregional highway corridor planning	0	•	0	•
Accelerate new options (e.g., hyperloop)			•	•
Support completion of Coast-to-Coast Trail	0	•	0	•
Continue coordination with other regions	0	0	0	0

Scenario Planning How Do We Prepare?



Which strategies make sense in all futures?

Which strategies are worth the risk, to help shape the future we want?

Or to avoid the future we don't want?

2045 MTP: Scenario Planning Strategies

Polling Question 1

Which strategy is most significant across all futures? (top 2)

- · Work to stop traffic deaths
- · Keep transportation system well-maintained
- · Plan streets for all users
- · Connect transit to jobs and services
- Help cyclists and pedestrians connect safely
- Use tech solutions to make the system function better



2045 MTP: Scenario Planning Strategies

Polling Question 2

Which strategy should we pursue to help shape the future that we want? (top 2)

- · Rely less on highway widening
- Use street, curb and parking space wisely
- · Improve transit service and connection
- Help transit riders make first/last mile trips
- Support connected, automated and electric vehicle needs
- · Make broadband access universal



2045 MTP: Scenario Planning Strategies

Polling Question 3

Which strategy should we pursue to help avoid a future we don't want? (top 2)

- Improve sanitation and screening for all shared transport
- Plan for regional cybersecurity
- Improve regional emergency management
- · Weather-proof infrastructure against extremes
- Plan for shifts in traffic and parking needs
- Plan transportation and land use together



2045 MTP: Scenario Planning

Implications

- Potential changes to existing processes
 - Needs identification
 - · Project prioritization
- Expanded activities for MetroPlan Orlando
 - Research and demonstration projects
 - Technical support to local governments
 - Data management and tools
 - · Collaboration, especially with nontraditional partners
 - · New or expanded funding programs



2045 MTP: Scenario Planning

Strategy Development: What's Next?

- Strategy element for the 2045 MTP
- Identify actions to advance strategies post-adoption
- Follow-through...



Cost Feasible Plan Key Topics

Nick Lepp - MetroPlan Orlando



Cost Feasible Plan Development

- Needs (and Costs)
- Prioritization
- Available / Eligible Revenues
- Funding Policies and Programs
- Cost Feasible and Unfunded Projects



2045 MTP: Cost Feasible Plan

Key Topics

- Funding Policies
- Existing Priorities & Programmed Projects
- Performance-based Planning / Prioritization
- Adoption by Reference
- Consistency of MPO Core Products



2045 MTP: Cost Feasible Plan

Key Topics – Funding Policies

- Existing and Illustrative Forecasts
- · STP-SU Modal Allocation
- · DDR for Premium Transit
- · Other MTP-Identified Annual Programs
 - 10 % of Other Arterial Funding (DDR) for Off-SHS Capacity Projects
 - 30% of Other Arterial Funding (DDR) for Premium Transit in 2035-2045
 - \$1 million annually for UPWP Special Projects (from SU-Complete Streets)
 - \$1 million annually for improving/filling critical sidewalk gaps (from SU-Ped Bike)
 - \$1 million annually for Signal Retiming Program (UPWP)
 - \$1 million annually for Regional TSM&O/ITS Improvements (from SU-TSMO)
 - \$250,000 annually for ACES Demonstration Projects (from SU-TSMO)



2045 MTP: Cost Feasible Plan

Key Topics – Existing Priorities

- Included in Multimodal Needs Assessment
 - Prioritized Project List (2020-2040)
 - Transportation Improvement Program (2020-2025)
- "Grandfathered" Projects in Cost Feasible Plan
 - Projects with PD&E funded in current work program



2045 MTP: Cost Feasible Plan

Key Topics – Prioritization

- FHWA Performance-based Planning
- Comparable to Existing Process
- Quantifying MTP Goals / Objectives
- Data Sources

Signal 4 Analytics, Streetlight, ATRI, CFPRMv7, Airsage, Public Health, US Census ACS, NPMRDS, LOTIS, Local and State Agency Inventories, and more...

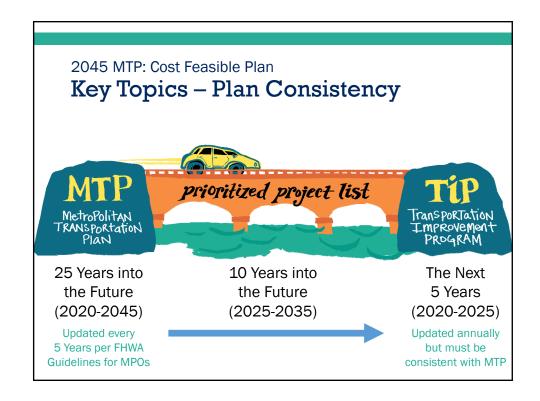


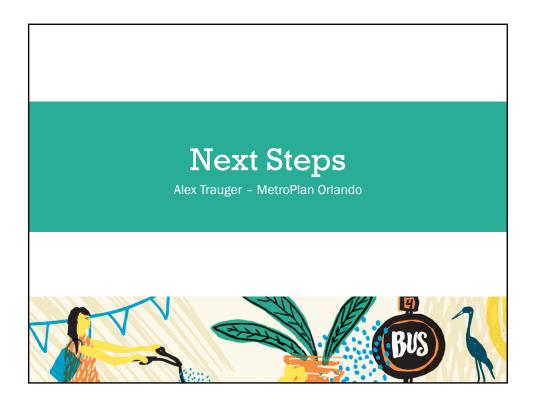
2045 MTP: Cost Feasible Plan

Key Topics – Adoption by Reference

- FDOT/FHWA Goals, Objectives, and Targets
- SIS Unfunded Needs and Cost Feasible Projects
- Toll Funded Projects
- Private Partnerships
- Locally Funded Projects

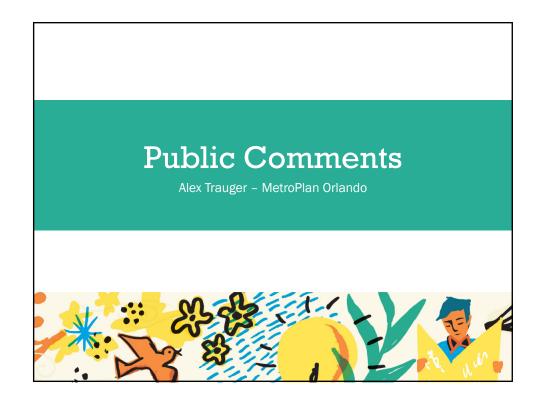












Public Comments

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