

Regional Transportation Technical Advisory Committee Meeting



Chair

Aileen Bouclé, AICP
Miami-Dade
Transportation Planning
Organization

Executive Director

Member Organizations

Palm Beach
Transportation Planning
Agency

Broward Metropolitan
Planning Organization

Miami-Dade Transportation
Planning Organization

Florida Department of
Transportation Districts 4 & 6

South Florida Regional
Transportation Authority

Palm Tran

Broward County Transit

Treasure Coast Regional
Planning Council

South Florida Regional
Planning Council

Miami-Dade Department of
Transportation and Public
Works

Contact Information

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MEETING OF MAY 17, 2023, at 1:30 PM

Broward MPO: 100 W Cypress Creek Rd

Fort Lauderdale, FL 33309

Virtual Link: https://us02web.zoom.us/webinar/register/WN_nSmtfDTvTPy0Bh5cmfCURQ

AGENDA

I. CALL MEETING TO ORDER

II. ROLL CALL

III. APPROVAL OF AGENDA

IV. APPROVAL OF MINUTES – *Meetings of March 8th, 2023*

V. PUBLIC COMMENTS – *2 minutes each speaker*

VI. COMMENTS FROM THE CHAIR

VII. INFORMATION ITEMS

- A. 2050 Regional Transportation Plan (RTP) Update
 - 1. Regional Transportation Network
 - 2. Goals and Objectives
 - 3. Scenario Planning
 - 4. Public Outreach
- B. Broward MPO – Long Range Transportation Plan (LRTP) Update
- C. Southeast Regional Planning Model (SERPM) Model Memorandum of Understanding (MOU) Update

VIII. COMMITTEE REPORTS

- A. Public Participation Subcommittee (PPS)
- B. Model Subcommittee (MS)
- C. Transportation System Management and Operations Subcommittee (TSM&O)

IX. MEMBER COMMENTS

X. ADJOURNMENT

Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability, or family status. Persons who require special accommodations under the Americans with Disabilities Act or persons who require translation services (free of charge), should contact the TPO at (305) 375-4507 at least seven days prior to the meeting.

DRAFT

MEETING MINUTES

Regional Transportation Technical Advisory Committee (RTTAC) Meeting

MARCH 8, 2023, 1:30 P.M.

**Palm Beach Transportation Planning Agency
301 Datura St.
West Palm Beach, FL 33401**

REGULAR ITEMS

I. CALL MEETING TO ORDER

Chairman Wilson Fernandez opened the meeting at 1:32 PM

Chair Fernandez thanked the Palm Beach TPA for hosting and reviewed virtual meeting procedures.

II. ROLL CALL

The following members were present for the meeting of the Regional Transportation Technical Advisory Committee on March 8, 2023:

<u>Members Present</u>		
Member Agency	Representative Name	Present
Miami - Dade TPO	Wilson Fernandez, Alternate Chair	In person
Miami - Dade TPO	Tewari Edmonson	In person
Broward MPO	Paul Calvaresi	Online
Palm Beach TPA	Andrew Uhler	In person
Palm Beach TPA	Nathan George	In person
FDOT District 4	Lois Bush	Virtual
FDOT District 6	Shereen Yee Fong	In person
SFRTA	Natalie Yesbeck Pustizzi	Online
BCT	Anna Bielawska	Online
Palm Tran	Yash Nagal	Online
SFRPC	Christina Miskis	Online
TCRPC	Thomas Lanahan	Online
DTPW	Javier Heredia	In person
<u>Other Staff Present</u>		
Miami - Dade TPO	Francesca Taylor	In person
Palm Beach TPA	Melissa Murray	In person
Palm Beach TPA	Amanda Williams	In person

<u>Others Present</u>		
Palm Beach TPA	Grég Gabriel	In person
Miami - Dade TPO	Elizabeth Rockwell	In person
Miami - Dade TPO	Christopher Rosenberg	In person
2050 RTP Consultant	Jessica Josselyn	In person
MDX	Mayra Diaz	Online
Turnpike	James Brown	Online

III. APPROVAL OF AGENDA

The agenda was not amended.

IV. APPROVAL OF MINUTES – February 8, 2023

Approval of minutes was postponed to the next RTTAC meeting due to a lack of quorum.

V. PUBLIC COMMENTS

Chairperson Fernandez opened the meeting for the reasonable opportunity to be heard.

There being no speaker cards presented, Chairperson Fernandez closed the reasonable opportunity to be heard period.

VI. COMMENTS FROM THE CHAIR

Chairperson Fernandez mentioned in Celebration of Women's History Month the contributions of Judith (Judy) Heumann. Ms. Heumann contracted polio in 1949 and began to use a wheelchair. Later in life, she was denied her teaching license, because she was unable to pass the physical assessment due to her mobility limitations. She sued the Board of Education and went on to be the first wheelchair user to be a teacher in the State of New York. She was instrumental in legislation to ensure accessibility, such as the Americans with Disability Act (ADA).

VII. INFORMATION ITEMS

A. 2050 Regional Transportation Plan (RTP) Update

- Jessica Josselyn, 2050 RTP Consultant, presented the 2050 RTP Update. She noted the SEFTC's mission and that we are three counties, with one traveling public. Throughout the presentation, she discussed the schedule and coordination, public participation, regional goals, objectives, and targets, regional transportation network, scenario development and analysis, model support, and SEFTC support.
- Chairperson Fernandez confirmed that the presentation should be conversational between the presenter and members.
- Mr. Uhlir confirmed that there was performance reporting in the 2045 RTP.
- Mr. Calvaresi confirmed that each MPO is required to have performance measures (PMs). He suggested that PMs may be discussed at a subcommittee and a prioritized project list may not be a useful practice as SEFTC cannot fund projects.
- Ms. Taylor clarified that we should highlight the changes between 2045 RTP and

2050 RTP.

- Chairperson Fernandez sought a metric showing the number of Transportation Regional Incentive Program (TRIP) projects completed.
- Ms. Yee Fong did not feel that SEFTC creating a list of priority projects is duplicative work of the Strategic Intermodal System (SIS).
- Ms. Josselyn recommended that the working group meet in either April or May to develop goals within financial parameters and time constraints.
- Mr. Heredia discussed the Miami-Dade's Master Plan that is currently in the early stages and more information will be discussed at the next meeting.
- Ms. Yee Fong noted that FDOT is working on their resiliency plan.
- Ms. Josselyn highlighted that defining the transportation network was the most important element selected by RTTAC members for the 2050 RTP.
- Mr. Calvaresi commented on off-SIS network eligibility for funding. He also noted that bike lanes and sidewalks are not TRIP eligible in FDOT D4, so it would be helpful to have consistent eligibility between districts.
- Mr. Edmonson requested more information about off-SIS funding eligibility criteria.
- Ms. Josselyn noted that a factor of the criteria is that an off-SIS project would help with capacity on the SIS network.
- Chairperson Fernandez requested a presentation from FDOT about the off-SIS funding criteria.
- Ms. Josselyn reminded the committee of the accessibility task within the scenario development and analysis for the region.
- Mr. Uhlir asked for more collaboration with FDOT for coding the SIS projects.

B. Palm Beach TPA – Long Range Transportation Plan (LRTP) Update

- Mr. Uhlir presented the update for the Palm Beach TPA LRTP Update, noting the focus on redefining objectives and measures, project identified, scenario planning, and more emphasis on housing, surveying, implementation, and equity.
- Ms. Taylor asked about the special focus on housing in the LRTP.
- Mr. George described the push and pull relationship between housing, land use, and transportation.
- Chairperson Fernandez asked about the scenario planning for the region and how that would impact the LRTP at the County level.
- Mr. Uhlir stated that the Palm Beach TPA would be focusing on development related to scenario planning.
- Ms. Josselyn noted that a proposed work plan would be provided to the committee after the LRTP for each county is reviewed.

VIII. COMMITTEE REPORTS

A. Public Participation Subcommittee (PPS)

- Ms. Josselyn reported that the PPS met in the morning and the Regional Transportation Plan was discussed.

B. Model Subcommittee (MS)

- Mr. Edmonson noted that the MS is working on modeling for scenario planning. The group is waiting for SE data to become available before moving further.

C. Transportation System Management and Operations Subcommittee (TSM&O)

- Chair Fernandez reported on behalf of Chair Alexandra Lopez that the next meeting is scheduled for April 27 at the Brown MPO offices.

IX. MEMBER COMMENTS

A. April SEFTC Meeting Cancelled

- Next Meeting is July 21, 2023, location to be determined.

B. RTTAC Workshop – April 12 – Virtual

C. RTTAC Meeting – May 10 – Broward MPO

D. Miami-Dade TPO Map 2050 LRTP outreach event is scheduled for Tuesday, March 14.

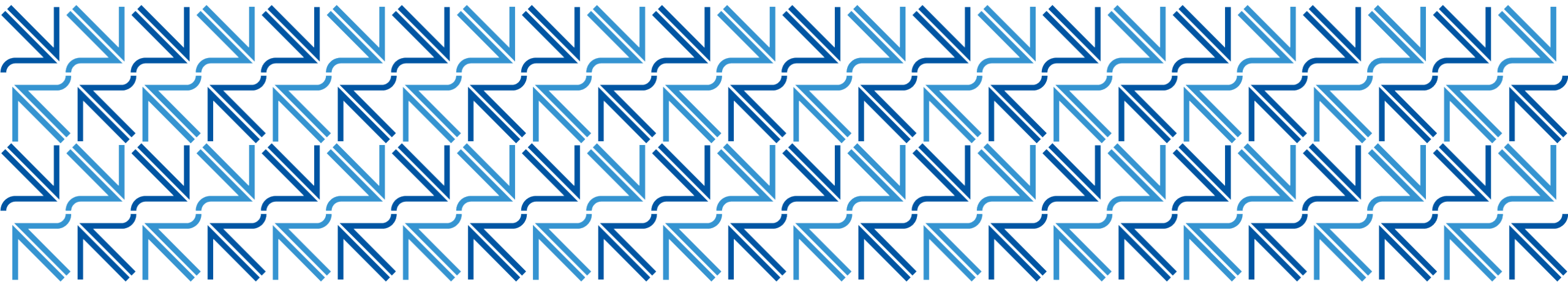
X. ADJOURNMENT

There being no further business, the meeting adjourned at 3:03 p.m.

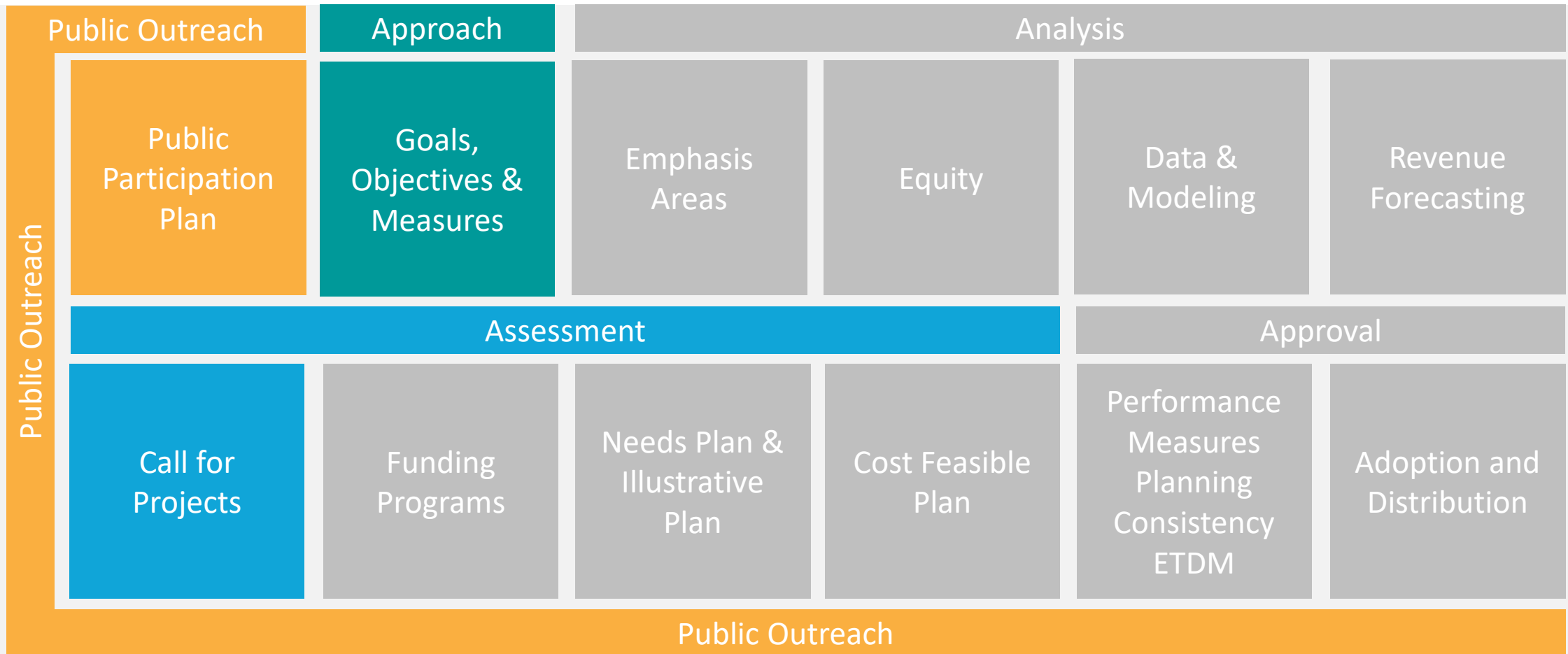
ROUTE ^{TO} 2050

2050 Metropolitan Transportation Plan

May 17, 2022



2050 MTP – Development and Approval Process



Completed Outreach Workshops

- **Tri-Rail's Rail Fun Day**, Saturday, March 4, 2023
- **Visit Lauderdale Science Festival Museum Of Discovery and Science**, Saturday March 4, 2023
- **Pembroke Pines Bike Rodeo**, Saturday, March 11, 2023
- **Broward County Bike Day Events (Lauderhill)**, Saturday March 18, 2023
- **Earth Day Event, City of Sunrise**, Saturday, March 25

Completed Outreach Presentations

- **Coconut Creek / Coral Springs Chamber**, March 14, 2023
- **Fort Lauderdale Bike Month Event**, March 18, 2023
- **The Broward Workshop**, March 22, 2023
- **Westport HOA**, March 27, 2023
- **Greater Fort Lauderdale Chamber of Commerce**, March 27, 2023
- **Traffic and Transportation in Weston at Weston City Hall**, April 4, 2023
- **Downtown Parkside Royal Poinciana Civic Association**, April 4, 2023
- **Wilton Manors Three Bridges Neighborhood Association**, April 5, 2023
- **Lauderdale Lakes Commission Meeting**, April 10, 2023
- **Central Area Neighborhood Association Wilton Manors**, April 12, 2023
- **Hispanic Unity**, April 26, 2023
- **Dillard Park Homeowners Association**, May 15, 2023

Upcoming Outreach Presentations

- **GALT HOA, at Café Vico**, May 18, 2023



2050 MTP E-Townhall

Save the Date!

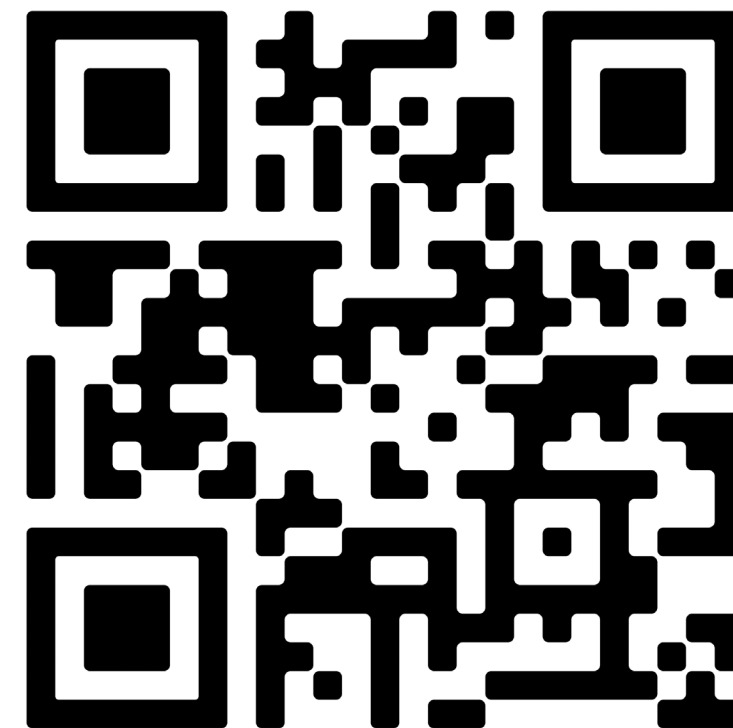
May 18, 2023 @ 6:00PM

Be part of Broward's future!

ROUTE ^{TO} 2050



Participate in our short survey and provide your email for a chance to win a **\$250 Visa Gift Card!**



<https://survey123.arcgis.com/share/5671507fb303428b97d27c025693f3ec>

2050 MTP – Call for Projects



- One-on-One Meetings with Member Agencies. *January – March 2023*
- A workshop will be hosted to demonstrate how member agencies can submit projects. *March 2023*
- An online Application will launch for member agencies to submit projects. *April 2023*

ROUTE 2050

CALL FOR PROJECTS

Looking for a way to fund your transportation Projects?

The Broward MPO is here to help!

Federal law requires the Broward MPO (and MPO's across the country) to update their Metropolitan Transportation Plan (MTP) every five years. Commitment 2045, the current MTP, was adopted by the Board in December 2019. Work on Route to 2050, the update of Commitment 2045, began in the Spring of 2022 and will be complete in 2024 with adoption of the final plan by the Broward MPO. Projects included as part of Route to 2050 can be programmed in as little as six years, depending on funding availability.

WHY?

Why should projects be included in the MTP?

For Federal Planning Consistency: 23 CFR § 450.324 (f)(11) [requirement for all federal discretionary grants]

Demonstrate Local Match for federal discretionary grants

Ensure projects are program ready

Scope of Work Resolution Cost Estimate Collaboration Among Partners

HOW?

Start the conversation with us by providing a list with information on your program ready transportation projects to the MPO. We expect the Call for Projects to begin in early 2023.

Prepare Projects
Gather project information.

Schedule Meeting
One-on-One Meetings with member agencies are required prior to submitting projects.

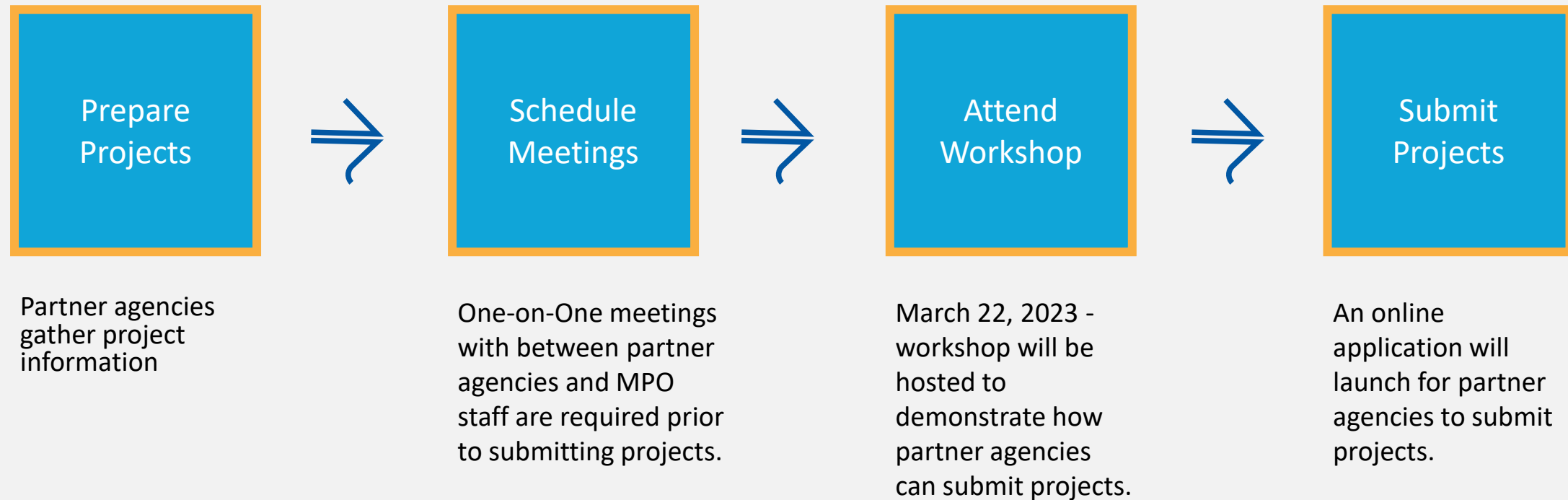
Attend Workshop
A workshop will be hosted to demonstrate how to submit projects.

Submit Projects
An online application will launch for member agencies to submit projects.

For more information contact Christopher Restrepo at:
Email: restrepoc@browardmpo.org Call: (954) 876-0061
For complaints, questions or concerns about civil rights or nondiscrimination, or for special requests under the Americans with Disabilities Act, please contact Carl Lima, Title VI Coordinator at (954) 876-0055 or arl@browardmpo.org

Broward MPO
Metropolitan Planning Organization

Partner Agency Submittal Process



Call for Projects



Completed One-on-One Local Agency Meetings:

- Lauderdale Lakes, Wednesday, February 8, 2023, 11:00am -12:00pm
- Southwest Ranches, Wednesday, February 15, 2023, 2:00pm-3:00pm
- Port Everglades, Thursday, February 23, 2023, 9:30am-10:30am
- Wilton Manors, Thursday, February 23, 2023, 1:00pm-2:00pm
- Pompano Beach, Thursday, February 23, 2023, 2:00pm-3:00pm
- Davie, Wednesday, March 8, 2023, 10:00am-11:00am
- Miramar, Wednesday, March 8, 2023, 11:00am-12:00pm
- Deerfield Beach, Thursday, March 9, 2023, 1:00pm-2:00pm
- Cooper City, Thursday, March 9, 2023, 2:00pm-3:00pm
- Parkland, Friday, March 10, 2023, 11:00am-12:00pm
- Fort Lauderdale, Friday, March 10, 2023, 2:30pm-3:30pm
- SFRTA, Wednesday, March 15, 2023, 2:30pm-3:30pm
- Hollywood, Thursday, March 16, 2023, 9:30am-10:30am
- Lauderhill, Thursday, March 16, 2023, 10:30am-11:30am
- Broward County Transit, Thursday, March 16, 2023, 1:00pm-2:30pm
- Pembroke Pines, Thursday, March 16, 2023, 2:30pm-3:30pm
- Seminole Tribe, Thursday, March 23, 2023, 10:00am-11:00am
- FDOT, Friday, March 24, 2023, 10:00am-12:00pm
- Hillsboro Beach, Friday, March 24, 2023, 2:00pm-3:00pm
- Hallandale Beach, Wednesday, March 29, 2023, 11:00am-12:00pm
- Weston, Wednesday, March 29, 2023, 1:00pm-2:00pm
- Plantation, Wednesday, March 29, 2023, 2:00pm-3:00pm
- Oakland Park, Wednesday, March 29, 2023, 3:00pm-4:00pm
- Sunrise, Thursday March 30, 2023, 9:30am-10:30am
- Dania Beach, Thursday March 30, 2023, 11:00am-12:00pm
- Margate, Thursday March 30, 2023, 1:00pm-2:00pm
- Coral Springs, Thursday, March 30, 2023, 3:00pm-4:00pm
- Tamarac, Wednesday April 5, 2023, 1:00pm-2:00pm
- Broward County Highway Construction and Engineering & Traffic Engineering, Wednesday April 5, 2023, 2:00pm-4:00pm
- Lauderdale-by-the-Sea, Thursday April 6, 2023, 10:30am-11:30am
- Memorial Hospital, Monday, April 10, 2023, 10:00am-11:00am
- Broward College, Thursday, May 4, 2023, 1:00pm-2:00pm

32 Completed

Project Submittals

- Application opened: **March 22, 2023**
- Deadline for submittals: **April 18, 2023**
- Total number of projects submitted by local agencies: **202***
- Total number of local agencies who submitted: **22***



*Excludes projects submitted by FDOT and Broward County

2050 MTP Goals



Safely Move People & Goods

Provide a safe and reliable transportation system for all users.



Create Jobs

Support economic development and prosperity through transportation investments that improve access to key employment centers and advance the region's competitiveness.



Foster Resilient Communities

Enhance communities and lives by promoting a resilient, accessible, and balanced transportation system.



Safely Move People & Goods (1)

Objectives	Indicators
• Eliminate all transportation-related fatalities and serious injuries	• Number of fatalities, serious injuries, and crashes by mode/user
• Reduce the number of crashes with an emphasis on the most vulnerable users	• Rate of fatalities, serious injuries, crashes per 100 million vehicle miles traveled (VMT) for all modes/users
• Ensure adequate funding is allocated to maintain and operate the existing transportation system	• Percentage of pavement in good and poor condition • Percentage of bridges in good or poor condition • Transit asset management performance measures
• Improve travel reliability and reduce delay	• Percentage of interstate and non-interstate roadways providing reliable travel times • Annual hours of peak hour excessive delay per capita



Safely Move People & Goods (2)

Objectives	Indicators
• Increase alternatives to single-occupant vehicle travel	• Percentage of Non-SOV travel • Percentage of non-auto mode share/split
• Implement transportation technologies that improve safety, promote efficiency, and meet the changing needs of travelers	• Annual hours of peak hour excessive delay per capita • Transit system on-time performance percentage • Percentage of system miles actively monitored and managed • Percentage of funds invested in non-auto modes and technology
• Increase the opportunities for federal discretionary grant funding	• Number of projects identified as candidates for discretionary grant funding



Create Jobs

Objectives	Indicators
• Maintain or reduce travel time to activity centers	• Number of vehicle hours traveled (VHT) to activity centers
• Support transportation investments consistent with smart growth and transit-oriented development principles	• Percentage of funds invested for non-auto modes • Percentage of network served by transit/premium transit
• Increase multimodal access to activity centers, essential destinations, and tourist destinations	• Percentage of activity centers accessible by non-auto modes • Percentage of essential destinations accessible by non-auto modes • Percentage of tourist destinations accessible by non-auto modes
• Support reliable freight movement	• Truck travel time reliability index
• Support accessibility to Port Everglades and FLL	• Average travel time to Port Everglades and FLL
• Support the development of renewable and alternative fuel infrastructure	• Percentage of interstate and non-interstate roadways with renewable and alternative fuel infrastructure



Foster Resilient Communities (1)

Objectives	Indicators
Promote inclusive growth through equitable transportation investments	- Percentage of funding invested within equity areas - Total number of projects funded within equity areas
Increase multimodal access to essential destinations for residents	- Percentage of essential destinations accessible by non-auto modes - Percentage of jobs accessible by non-auto modes
Reduce per capita transportation-related air quality pollutants and greenhouse gas emissions	- Units of carbon dioxide, ozone precursor emissions, particular matter, and other transportation-related greenhouse gas equivalencies - Total emissions reduction
Plan and fund transportation facilities that protect natural, cultural, and historic resources and minimize disruptions in surrounding communities.	Percentage of projects that do not impact natural, cultural and historic resources



Foster Resilient Communities (2)

Objectives	Indicators
• Increase the resilience of the transportation system	• Percentage of funding invested in resilience adaptation or mitigation projects and technology • Percentage of transportation infrastructure that is not vulnerable to extreme weather and climate events • Percentage of multi-modal trips that are on infrastructure that is not vulnerable to extreme weather and climate events
• Ensure transportation investments are coordinated with current and future affordable housing	• Percent of projects funded that serve affordable housing developments/areas • Percentage of jobs accessible from affordable housing developments by non-motorized modes

Strategic Business Plan Emerging Issues & 2050 MTP Goals, Objectives, Indicators (1)



Emerging Issues Identified by MPO Board	2050 MTP Goals & Objectives
Affordable Housing	Foster Resilient Communities: Ensure transportation investments are coordinated with current and future affordable housing
Climate Change and Resiliency	Create Jobs: Support the development of renewable and alternative fuel infrastructure Foster Resilient Communities: Reduce per capita transportation-related air quality pollutants and greenhouse gas emissions Foster Resilient Communities: Increase the resilience of the transportation system
Economic Development	Create Jobs: All Objectives
Human Rights and Social Equity	Foster Resilient Communities: Promote inclusive growth through equitable transportation investments Foster Resilient Communities: Plan and fund transportation facilities that protect natural, cultural, and historic resources and minimize disruptions in surrounding communities.

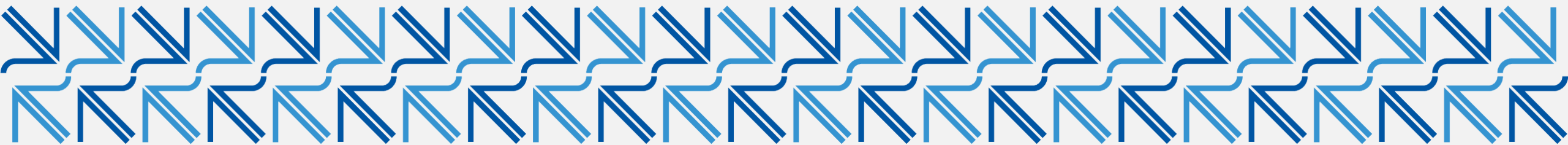
Strategic Business Plan Emerging Issues & 2050 MTP Goals, Objectives, Indicators (2)



Emerging Issues Identified by MPO Board	2050 MTP Goals & Objectives
• Recreational Opportunities	• Create Jobs: Support transportation investments consistent with smart growth and transit-oriented development principles • Create Jobs: Increase multimodal access to activity centers, essential destinations, and tourist destinations
• Redevelopment and Infill	• Create Jobs: Support transportation investments consistent with smart growth and transit-oriented development principles
• Transportation Safety	• Safely Move People & Goods: Eliminate all transportation-related fatalities and serious injuries • Safely Move People & Goods: Reduce the number of crashes with an emphasis on the most vulnerable users



ROUTE ^{TO} 2050



Thank You

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RouteTo2050.org

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SOUTHEAST FLORIDA

REGIONAL TRANSPORTATION PLAN



2050

Miami-Dade • Broward • Palm Beach

MAY 17, 2023

SEFTC MISSION

To coordinate regional transportation goals, activities, and investment decisions that support the economic health of the region and quality of life.

SEFTC VISION

A seamless, multimodal transportation system that serves and benefits the region.

THREE COUNTIES, ONE TRAVELING PUBLIC



PALM BEACH



BROWARD



MIAMI-DADE

2045 RTP VISION

Create a shared RTP that identifies regional needs, funding, and policies that serve and benefit the entire southeast Florida region.

**ADVANCING
THE
REGION.**

2050 RTP VISION

A RTP that **addresses the changing needs** of our region including **emerging technologies, resilient infrastructure, ensuring transit supportive land uses, and more transportation options** providing access to desired destinations. This Plan will summarize **regional needs**, gather support for **adopted policies**, and refine the **blueprint for implementation**. The RTP advocates for a **flexible and equitable reallocation of funds** to implement the priorities of the region.

ACTIONS SINCE LAST MEETING:



E+C Network project
collection progress &
Network progress



Public Engagement
progress

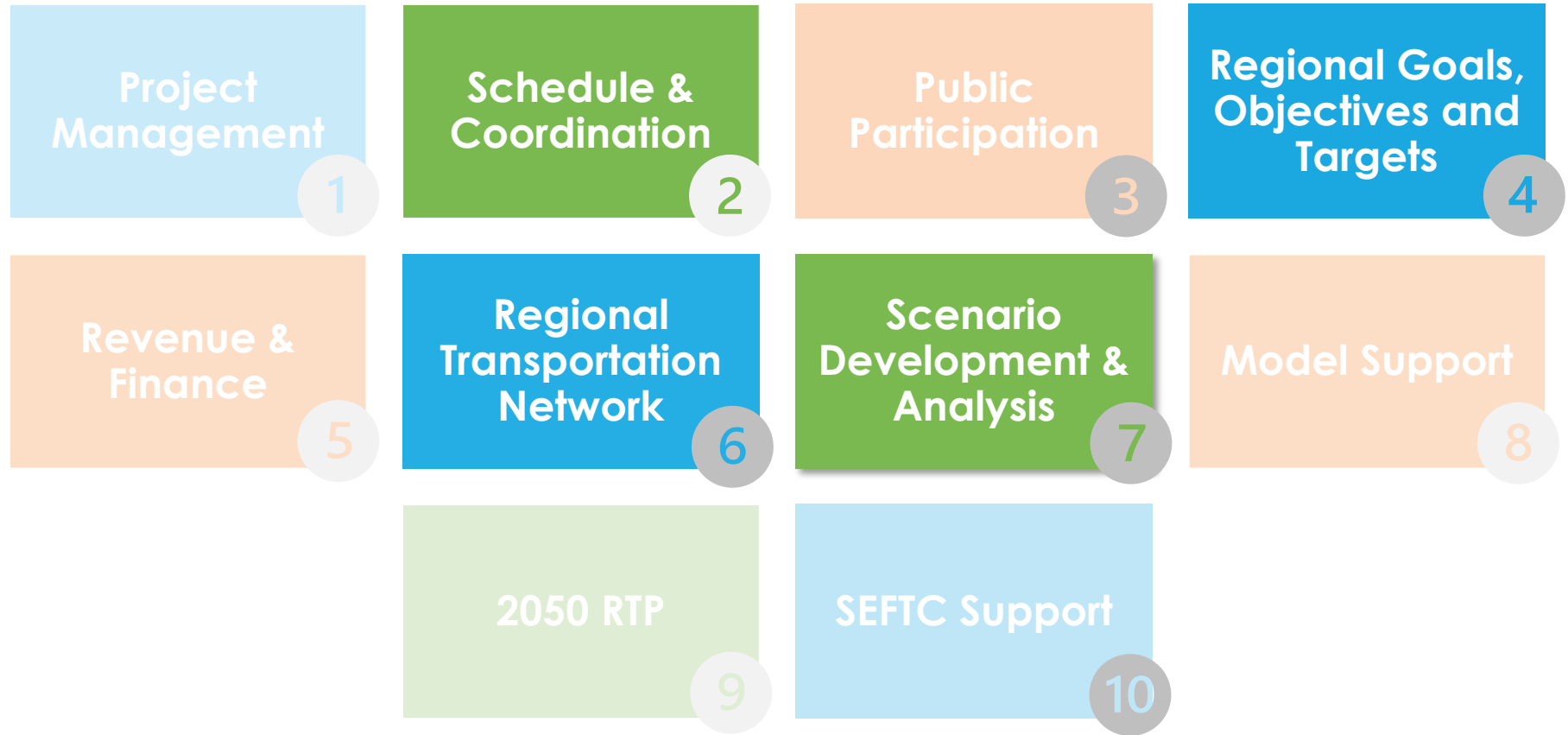


Goals and Objectives
progress



Scenario Planning
progress

SCOPE OF WORK

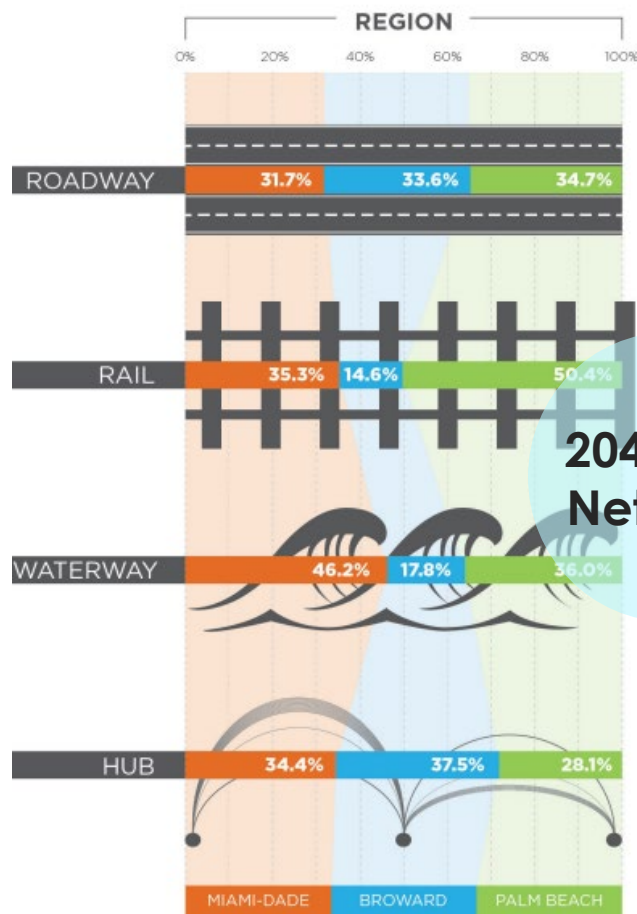


Adopting Summer 2025

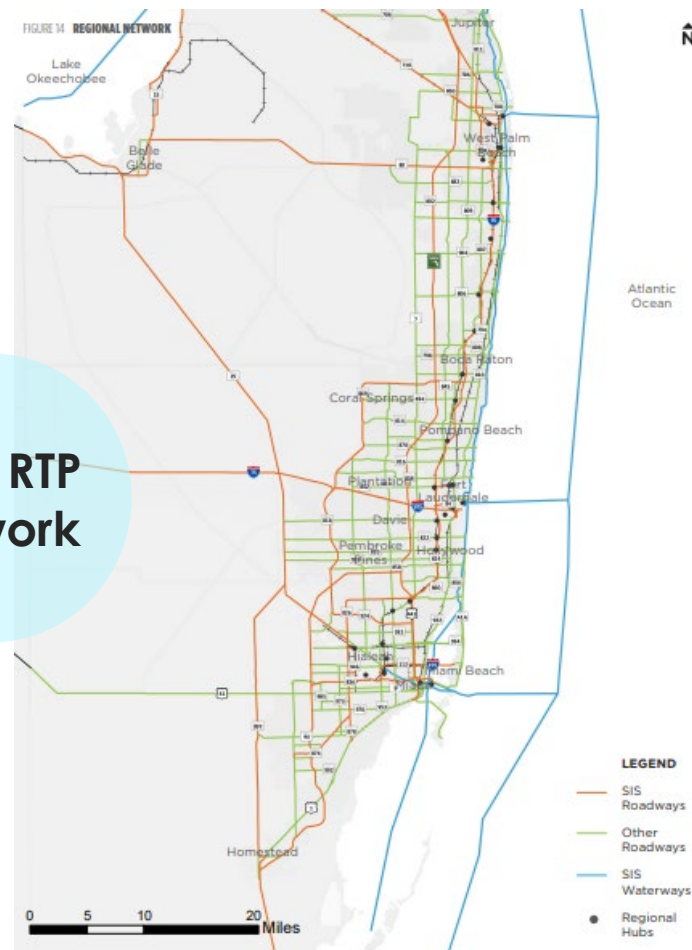
Regional Transportation Network

6

- 2045 RTP transportation network was refreshed
- Resulting network is eligible for Transportation Regional Incentive Program (TRIP) Funds



2045 RTP Network



March 2023 – June 2023

1.

PRINCIPAL ARTERIALS

2.

PLANNED PHYSICAL
EXTENSIONS OF
PRINCIPAL ARTERIALS

3.

SIS NETWORK

4.

PRINCIPAL ARTERIAL
CONNECTIONS

5.

ACTIVE RAIL LINES

Feedback shared at April RTTAC Workshop

- Criterion 2 (Planned Physical Extensions of Principal Arterials) is too roadway focused, and future planned extensions should be automatically assumed/added to all criteria – not needed as a standalone
- Criterion 4 (Principal Arterial Connections) comes across too roadway focused and should be renamed to make evident it is multimodal
- Wanted to ensure airports and seaports were accounted for
- Wanted to explore adding facilities that connect to the regional network
- Wanted to explore transit, pedestrian and cyclist related facilities
- Wanted to rename the network to ensure it was obvious all modes are accounted for

Feedback shared at April RTTAC Workshop

- Criterion 2 (Planned Physical Extensions of Principal Arterials) is too roadway focused, and future planned extensions should be automatically assumed/added to all criteria – not needed as a standalone
 - **All criteria will assume existing and future**

Feedback shared at April RTTAC Workshop

- Criterion 2 (Planned Physical Extensions of Principal Arterials) is too roadway focused, and future planned extensions should be automatically assumed/added to all criteria – not needed as a standalone
 - All criteria will assume existing and future
- Criterion 4 (Principal Arterial Connections) comes across too roadway focused and should be renamed to make evident it is multimodal
 - **Renamed to “Regional Multimodal Corridor Connections”**

Feedback shared at April RTTAC Workshop

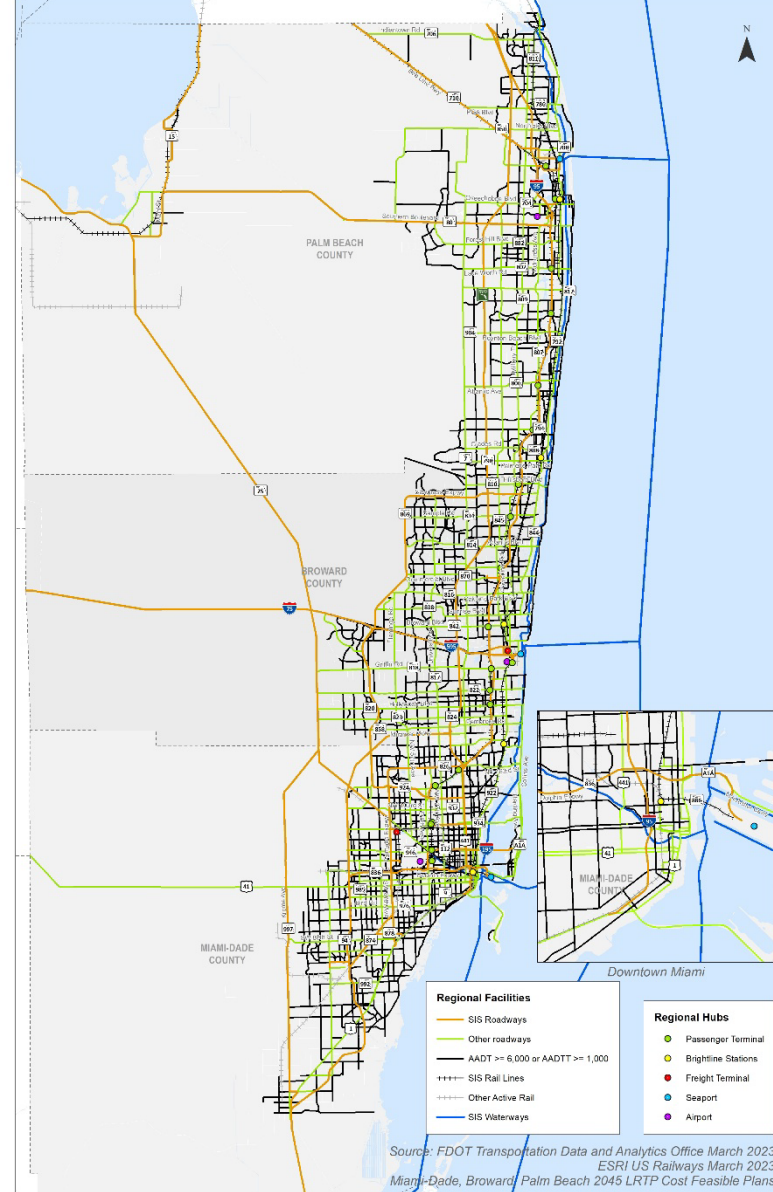
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 - All criteria will assume existing and future
- Criterion 4 (Principal Arterial Connections) comes across too roadway focused and should be renamed to make evident it is multimodal
 - Renamed to “Regional Multimodal Corridor Connections”
- Wanted to ensure airports and seaports were accounted for
 - **Major airports and seaports included**

Regional Transportation Network

6

Feedback shared at April RTTAC Workshop

- Wanted to explore adding facilities that connect to the regional network
 - Explored Off-SIS eligibility criteria of **>6,000 AADT or >1,000 AADTT yield**
- More than 1,700 centerline miles of roadways



Regional Transportation Network

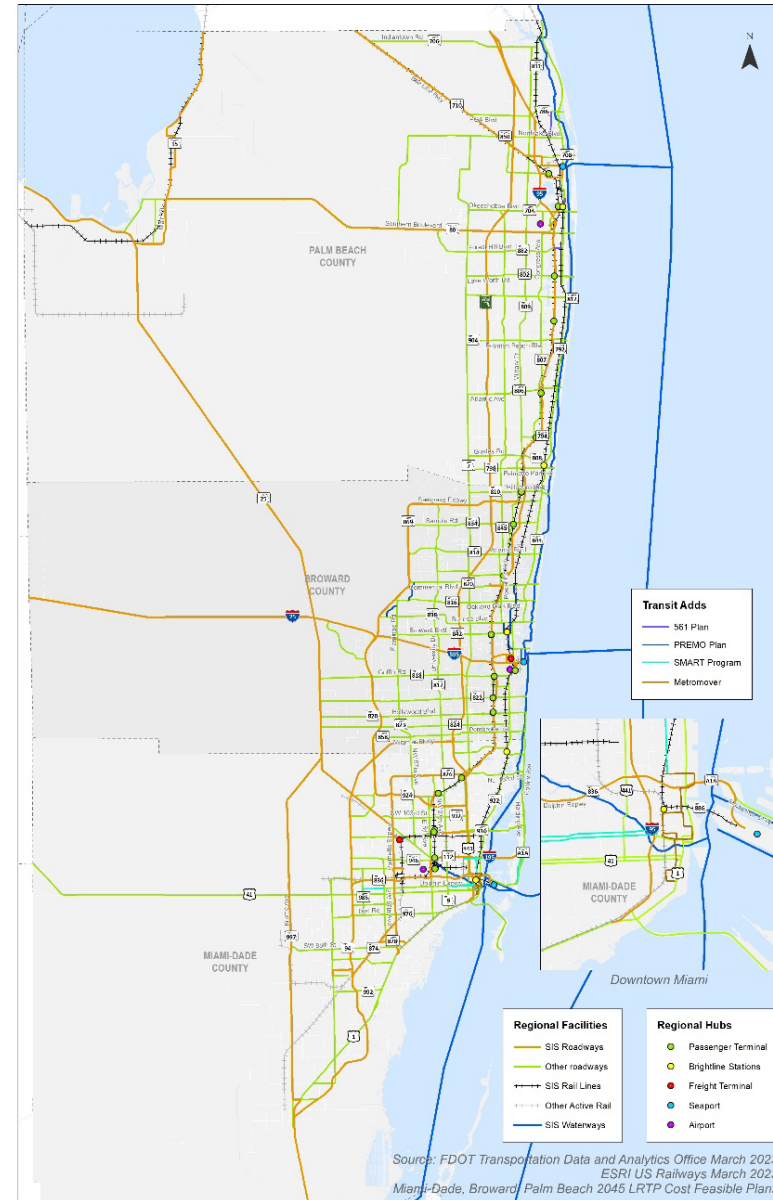
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Feedback shared at April RTTAC Workshop

- Wanted to explore transit, pedestrian and cyclist related facilities
- Added Adopted Premium Transit Plans criterion**

Transit Plans' Segments Added to Regional Network

- Beach corridor – Dntn Loop and Washington Ave (MDC)
- Flagler Street, NW/NE 36 Street, Pine Tree Drive (MDC)
- High frequency - NW 136th Ave & Hiatus Rd segment (BC)
- High frequency - Wilton Dr/NE 4 Ave (BC)
- Light Rail - Andrews Ave/SE 17 St/SE 19 Ave (BC)
- Bus Rapid Transit - NW 7 Avenue (BC)
- US 1 BRT segments (PBC)
- Congress Avenue BRT segment (PBC)
- Forest Hill Blvd BRT segment (PBC)



6

- Wanted to explore transit, pedestrian and cyclist related facilities
 - **Added adopted 2015 Regional Greenways and Blueways Network criterion**



Regional Transportation Network

6

1.

PRINCIPAL ARTERIALS

4.

ACTIVE RAIL LINES

2.

SIS NETWORK

5.

Premium Transit Plan Routes

3.

**REGIONAL MULTIMODAL
CORRIDOR CONNECTIONS**

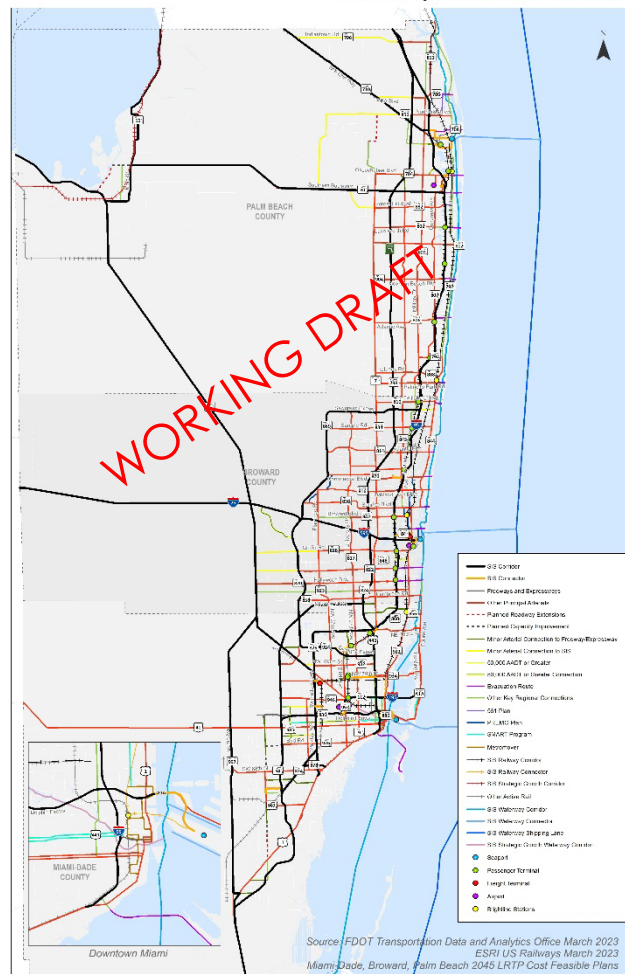
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Regional Greenways and Blueways

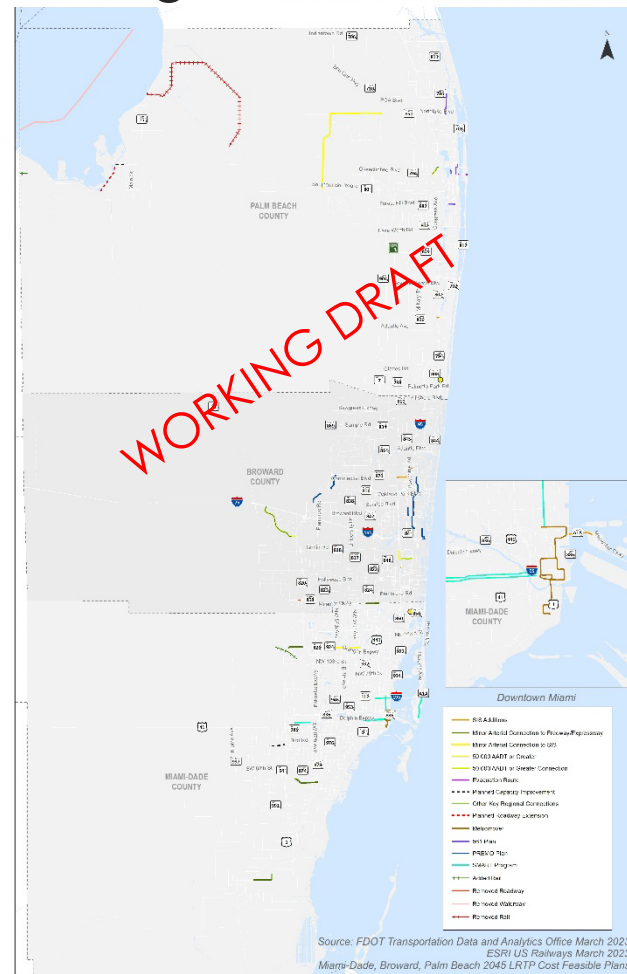
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WORKING
DRAFTS FOR
DISCUSSION

DRAFT 2050 Network



Changes to 2045 Network



Regional Goals, Objectives and Targets

4



2045 RTP Goals

SUSTAINABILITY AND QUALITY OF LIFE

1. MULTIMODAL SYSTEM & LAND USE

Provide an accessible, efficient, and reliable multimodal transportation system that is well integrated with supportive land uses

2. HEALTH, ENVIRONMENT, & SAFETY

Protect the region's health and environment, and provide for a safer and more secure transportation system for the region's residents, businesses and visitors

3. ECONOMY

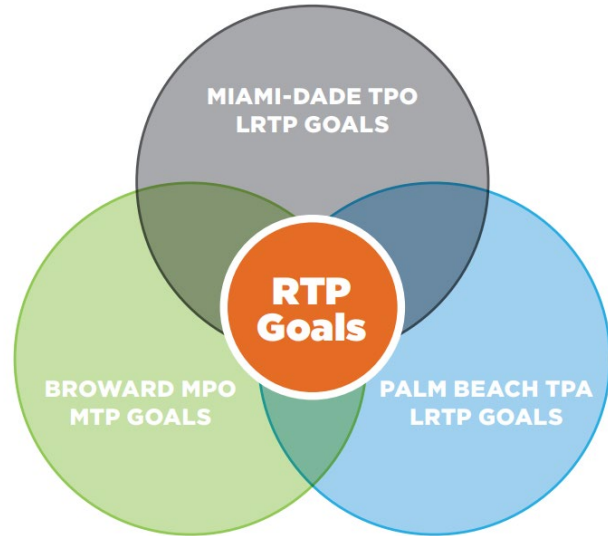
Optimize and expedite sound investment strategies to support an expanding regional economy

4. EQUITY & PUBLIC SUPPORT

Invest in publicly supported, equitable transportation options for all users, including low-income and minority neighborhoods, as well as the aging population

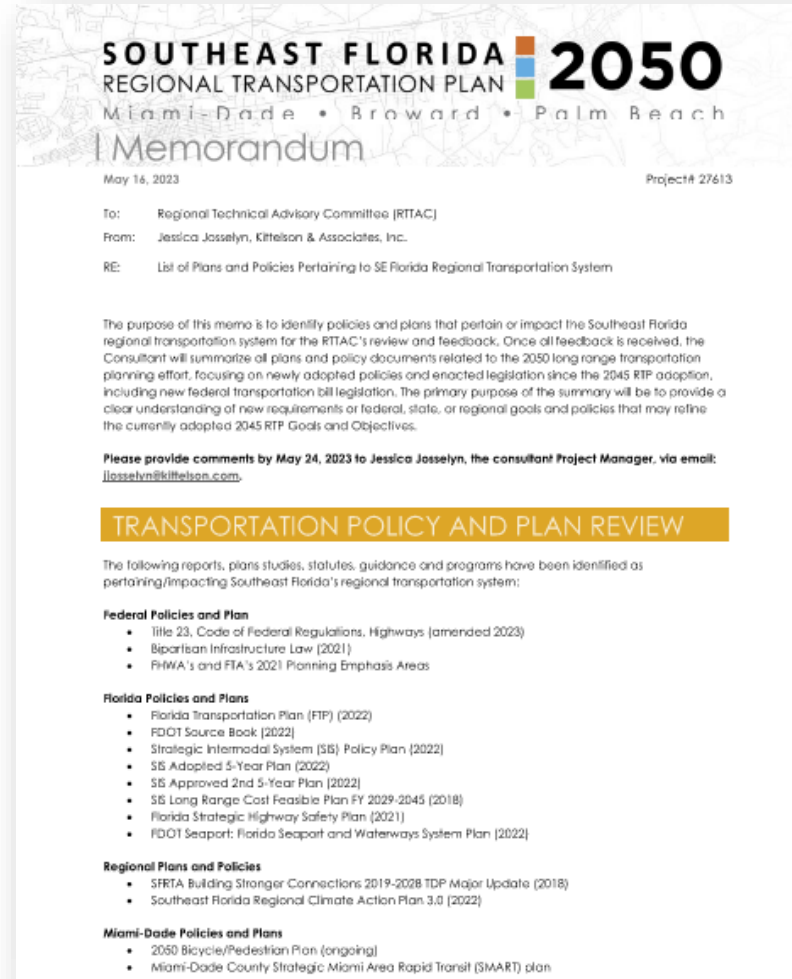


APPROACH



- Transportation Policy and Plan Review task is in-progress
- Reviewing and refining 2045 Goals & Objectives to consider/ensure:
 - Goals will be imperative (starting with a verb)
 - Any new policies
 - 2050 MTP/LRTPs
- Endorsement by SEFTC will be sought in October

Transportation Policy and Plan Review Feedback

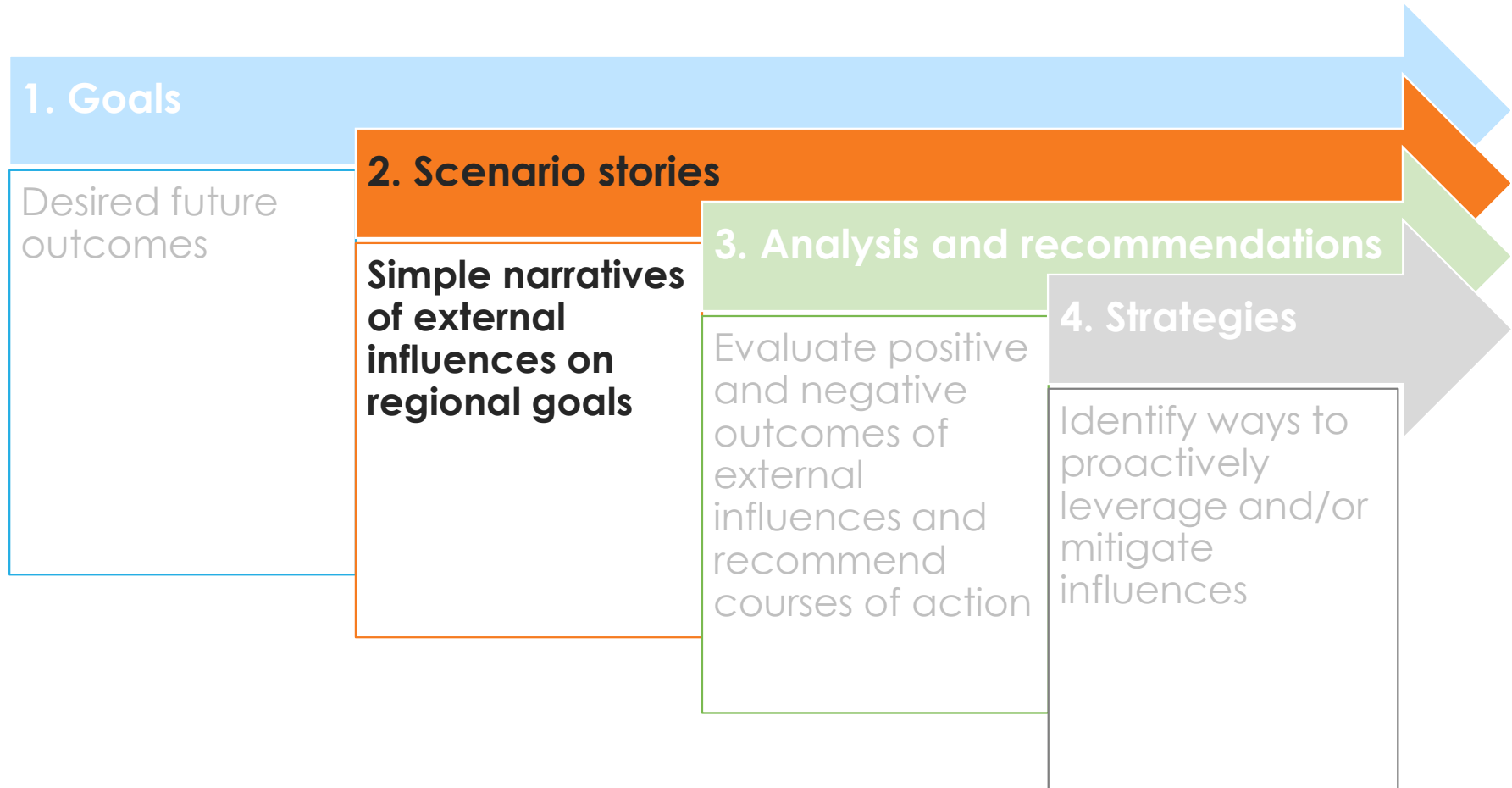


Purpose of Scenarios

“Scenario planning enables professionals, and the public, to respond dynamically to an unknown future. It assists them with thinking, in advance, about the many ways the future may unfold and how they can be responsive, resilient, and effective, as the future becomes reality.”

American Planning Association

Process



Regional Goals, Objectives and Targets

4



2045 RTP Goals

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March 2023 – December 2024

Scenario
Development &
Analysis

7

2045
2050



1

**1. HIGH-CAPACITY
TRANSIT NEEDS**



1. ACES + TECH



2

**2. GROWTH AND
DEVELOPMENT**



2. RESILIENCY



3

**3. FINANCIAL AND
LEGISLATIVE**



4

**4. DISRUPTIONS +
OPPORTUNITIES**

PALM BEACH

BROWARD

MIAMI-DADE

Exercise Results (4/15/2023)

Scenario Considerations

Identify a list of factors to consider in each scenario. We will review and vote on the factors. The factors will inform the scenario stories.



Transit + Tech

Autonomous Vehicle Adoption	Mobility Hubs	Interoperability	equity/equitable access
access to transit	virtual accessibility	How will added freeway capacity brought about by CAVs addressed at exit ramp bottlenecks	Autonomous transit/ tech advancements in transit
supportive land use for transit	How do we ensure CAV benefits are equitable	AV may induce increased travel	Intra-regional fare systems
v2i systems (e. TSP)	How will increased telecommuting affect the network		



Growth + Resiliency

collaborative action transit supportive land use, resiliency improvements, etc.)	remember there is economic and social resilience as well as environmental resilience	Alt Fuel/ Reduced GHG
impacted network segments (SLR)	Storm surge + Sea Level Rise	reducing risk, what risk is tolerable
Location of demographic growth, in relation to Sea level	Demographic shifts (age, migration)	Natural Infrastructure & landscaping
How do we tie future growth to future land use	How can we make our transportation system more resilient (e.g. if material is down, how do we adjust)	Acceptance of Density



Finance + Legislative

Discretionary Grant Funding	Road User Charging	Financial Flexibility (removing restrictions on current funding sources)
Impacts of Alt fuels on gas tax	effective use of performance metrics	effective leveraging of resources
LAP training or eligibility	private sector participation in provision of Alt fuel infrastructure	Balancing PM targets and state of good repair (effective programming)



Disruptions + Opportunities

Economic Resilience (resilient economy with Funding Legislation)	sustained freight fluctuations	Hurricane Weather Impacts (e.g. demographic shifts similar to Hurricane Andrew)
dealing with compounding of effects and disruptions	Potential shift from privately owned vehicles to service based	enhanced engagement of youth
Congestion (Shocker!)	ensuring additional disaster resiliency research	Acceptance of Density
Charging Station Availability	EV Equity	

Exercise Notes



Transit + Tech

Highest
interest

Autonomous
Vehicle
Adoption

Mobility
Hubs

Interoperability

equity/equitable
access

access to
transit

virtual
accessibility

How will added
freeway capacity
brought about by
CAVs addressed
at exit ramp
bottlenecks

Autonomous
transit/ tech
advancements
in transit

supportive
land use
for transit

How do we
ensure CAV
benefits are
equitable

AV may
induce
increased
travel.

Intra-
regional
fare
systems

v2i
systems (ie.
TSP)

How will
increased
telecommuting
affect the
network

Transit + Tech Story Themes

- System / technology integration
 - Interoperability
 - Transit technologies
 - Regional fares
 - Ramp bottlenecks
- Virtual connectivity / telecommuting
- Land use
 - Induced travel
 - Transit supportive development
- Equity



Transit + Tech

Autonomous Vehicle Adoption	Mobility Hubs	Interoperability	equity/equitable access
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supportive land use for transit	How do we ensure CAV benefits are equitable	AV may induce increased travel.	Intra-regional fare systems
v2i systems (ie. TSP)	How will increased telecommuting affect the network		

Exercise Notes



Growth + Resiliency

Highest
interest

collaborative
action (transit
supportive land
use, resiliency
improvements,
etc.)

remember there
is economic and
social resilience
as well as
environmental
resilience

Alt Fuel/
Reduced
GHG

impacted
network
segments
(SLR)

Storm
surge +
Sea Level
Rise

reducing
risk, what
risk is
tolerable

Location of
demographic
growth, in
relation to
Sea level

Demographic
shifts (age,
migration)

Natural
Infrastructure
&
landscaping

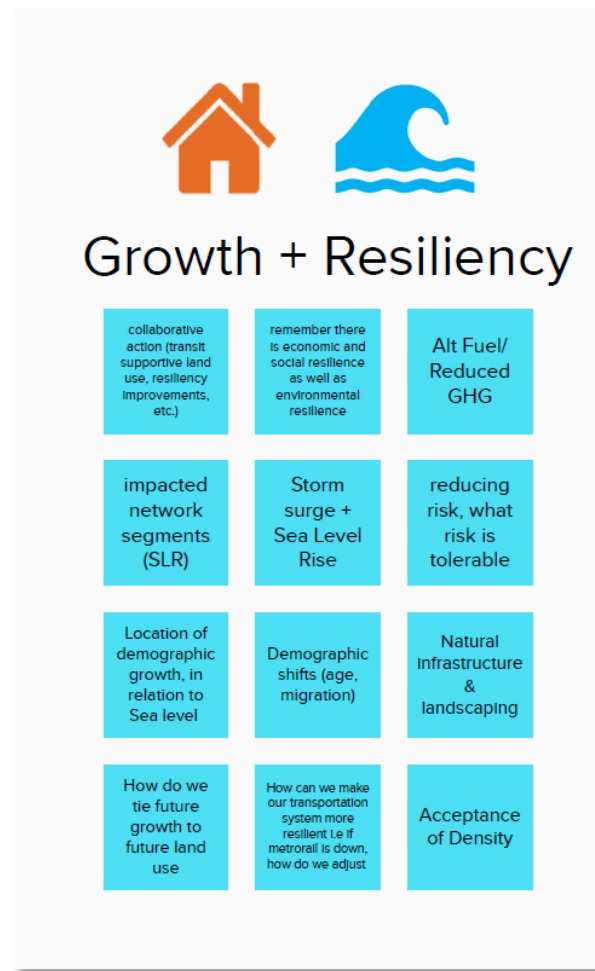
How do we
tie future
growth to
future land
use

How can we make
our transportation
system more
resilient i.e if
metrorail is down,
how do we adjust

Acceptance
of Density

Growth + Resiliency Story Themes

- Natural infrastructure / landscaping
- Physical infrastructure
 - Impacted segments
 - Network resiliency (i.e., Metro Rail down)
- Socioeconomic
 - Demographic shifts
 - Socioeconomic resiliency
- Land use
 - Location of growth
 - Transit supportive
 - Collaborative action



Exercise Notes



Finance + Legislative

Discretionary
Grant
Funding

Road User
Charging

Financial
Flexibility
(removing
restrictions on
current funding
sources)

Impacts of
Alt fuels on
gas tax

effective use
of
performance
metrics

effective
leveraging
of
resources

LAP
training or
eligibility

private sector
participation
in provision of
Alt fuel
infrastructure

Balancing PM
targets and
state of good
repair (effective
programming!)

Finance + Legislative Story Themes

- Funding levels
 - Alternative fuel impact
 - Road user charging
- Funding flexibility
 - Discretionary grant funding
 - LAP training / eligibility
 - Removing restrictions
- Focused spending
 - Performance metrics
 - Leveraging of resources



Exercise



Disruptions + Opportunities

Highest
interest

Economic
Recession (could
overlap with
Funding/
Legislative)

sustained
freight
fluctuations

Hurricane/
Weather Impacts
(i.e. demographic
shifts similar to
Hurricane Andrew)

dealing with
compounding
of effects and
disruptions

Potential shift
from privately
owned
vehicles to
service based

enhanced
engagement
of youth

Congestion
(Shocker!)

consulting additional
disciplines/
multidisciplinary
approach

Acceptance
of Density

Charging
Station
Availability

EV Equity

Exercise



Disruptions + Opportunities

Scenario
Framers

- Disruption – compounding effects
- Opportunity – Multidisciplinary approach

Economic
Recession (could
overlap with
Funding/
Legislative)

sustained
freight
fluctuations

Hurricane/
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Recommended Scenarios

Perspectives	1. Tech and Transit	2. Resiliency and Growth	3. Compounding Effects (1+ 2)
Reactive / siloed	A	A	A
Proactive / multidisciplinary	B	B	B

The Funding + Legislative scenario themes are incorporated into each of the scenarios

Transit + Technology		Reactive and siloed perspective	Proactive and multidisciplinary perspective
By 2050, travel technologies will be available across all modes.			
Themes	System integration	Technology and operations are not integrated. Private companies invest in smart car technologies and public agencies investing in smart roads. Limited investment is made in transit and other travel technologies, encouraging continued reliance on autos.	Public agencies and private companies develop an integrated, multimodal approach to developing and deploying and applying technologies to operate and manage the system.
	Virtual connectivity	Telecommuting significantly increases for professional workers, but lower income workers continue commuting to jobs. E-tail reduces retail jobs and trips and increases freight and delivery travel.	Telecommuting and e-tailing ease congestion, yet rather than a shift to cars, transit and other travel technology investments increase multimodal travel demand.
	Land use	Smart cars and roads encourage more to move to outlying suburbs. Transit ridership drops, forcing service reductions	Mixed use centers become multimodal technology hubs where residents in surrounding neighborhoods can travel to shared office spaces and e-tail display centers.
	Equity	Auto oriented development patterns and lower transit service makes access even more challenging for lower income households.	Mixed use, multimodal technology hubs and investments in transit and other travel technologies improve access to low-income households.

Growth + Resiliency	Reactive and siloed perspective	Proactive and multidisciplinary perspective
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By 2050, sea level rise and storm frequencies make rebuilding in low lying and storm prone areas cost prohibitive.

Themes	Natural infrastructure	Low lying and storm prone areas are vacated. A smattering of homes and businesses remain.	Low lying and storm prone areas are repurposed and protected to become interconnected natural habits.
	Physical infrastructure	Major roads crossing low lying and storm prone areas are either abandoned or continually raised.	Networks in low lying and storm prone areas are repurposed and redesigned to optimize multimodal connectivity and minimize impacts to newly formed habits
	Socioeconomic	Climate change impacts reduce the attractiveness of the region, dramatically slowing population growth. The region begins to look like Detroit	The region's proactive approach to climate change creates a more livable, environmentally sustainable region that continues to attract growth.
	Land use	Slow growth slows development demand. Those displaced from low lying and storm prone areas either move to higher land or out of the region	The region plans for and invests in higher intensity, multimodal centers located outside low lying and storm prone areas

Finance + Legislative		Reactive and siloed perspective	Proactive and multidisciplinary perspective
All scenarios			
Themes	Funding levels	Transportation funding from the federal, state, and local governments continue to decline because of the uncertainty of climate change and the future direction of the region	Transportation funding levels from the feds and state increase moderately. Broward County continues its penny sales tax, Miami-Dade increases the half penny sales tax to a full penny, and West Palm Beach passes a full penny sales tax.
	Funding flexibility	The lack of funding decreases the need for flexibility	Funding flexibility increases at all levels of government, making it easier to invest in multimodal improvements.
	Focused spending	Spending continues to flow primarily to the roadway network	Multimodal system performance measures make it easier to identify improvement priorities across modes.

The Funding + Legislative scenario themes are incorporated into each of the scenarios

Next Steps

- **Scenario stories**
 - **Feedback and refinement of scenario framework and themes**
 - **Development of scenario stories, maps, and illustrations**
- Analysis and recommendations
- Projects and strategies

RTTAC MEMBERS ACTION LIST:

Last call for E+C Network
project information

Reactivate Finance
Working Group

Submit Goals & Objectives

Schedule & Coordination

2

Task	2023												2024												2025					
	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
Public Involvement (Task 3)																														
Data/Goals, Objectives and Measures (Task 4)																														
Regional Transportation Network (Task 6)																														
Scenario Development & Modeling (Task 7 & 8)																														
Revenue and Finance (Task 5)																														
Regional Transportation Plan (Task 9)																														

Now through Summer 2025

SOUTHEAST FLORIDA **2050**
REGIONAL TRANSPORTATION PLAN
Miami-Dade • Broward • Palm Beach

THANK YOU!

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