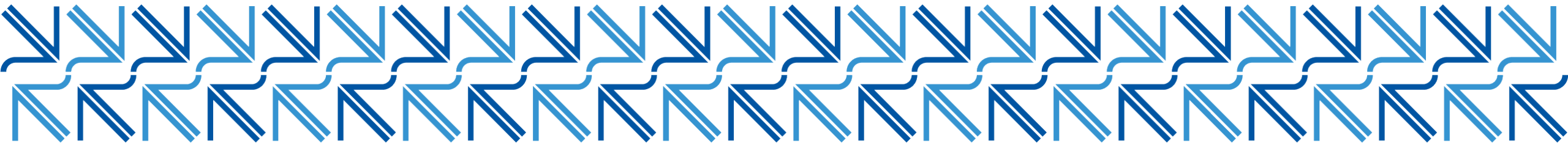


ROUTE ^{TO} 2050

2050 Metropolitan Transportation Plan (MTP)

December 17, 2024

BrowardNext – Transportation/Transit



Who is the MPO?

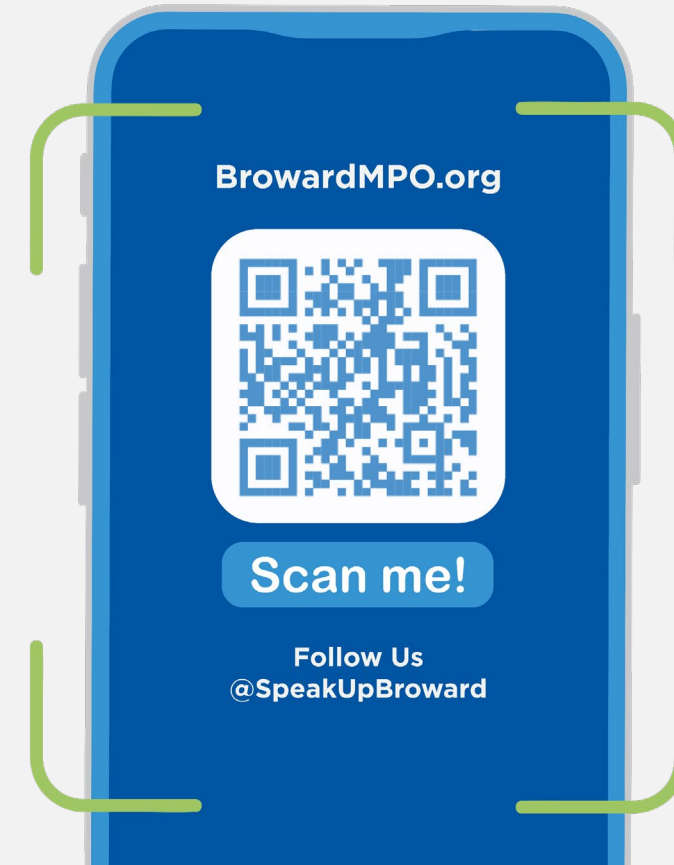
MPO MISSION STATEMENT

To collaboratively plan, prioritize, and fund the delivery of diverse transportation options.

MPO VISION STATEMENT

Our work will have measurable positive impact by ensuring transportation projects are well selected, funded, and delivered.

Vision 2100	
Core Products	
Internal Operations	Project Programming
UPWP Unified Planning Work Program (Agency Budget Guide)	MTP Metropolitan Transportation Plan (Project Identification)
SBP Strategic Business Plan (Agency Operations Guide)	MMPL Multimodal Priorities List (Project Prioritization)
PPP Public Participation Plan (Agency Outreach Guide)	TIP Transportation Improvement Program (Project Funding)



An MTP is a 25-year planning horizon document that is updated every five years that **turns transportation goals into prioritized projects**. The MPO uses the MTP to guide the use of Federal, State, and other funds to create a transportation system that has transit, bicycle, pedestrian, freight, and roadway projects that promote resiliency, accessibility, safety, and improve quality of life.



***Safely
Move
People &
Goods***

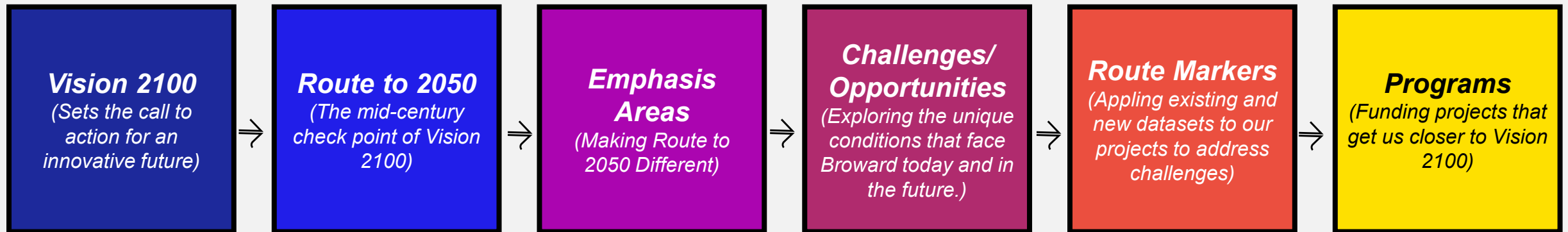


***Create
Jobs***



***Foster
Resilient
Communities***

2050 MTP Flow



Vision 2100



With Broward Vision: The Path to 2100, the Broward MPO advocates a paradigm shift in the Broward region’s approach to growth, development, and transportation investment. With a Call to Action for the MPO and its partners to begin doing today what is needed to stay on the desired path to the year 2100.

Route to 2050 Partnerships

- Aligning with Federal, State and Regional Goals
- Performance Measures & Indicators
- Consistency with Partner Plans



***Regional
Transportation
Plan (RTP)***

***Broward
County
Mobility
Advancement
Program (MAP)***

***Broward
County
Affordable
Housing
Master Plan***

***Port
Everglades
Master Plan***

***Fort
Lauderdale –
Hollywood
International
Airport Master
Plan***

***FDOT SIS
Policy &
Funding Plans***

Emphasis Areas

What Makes Route to 2050 Different?

Following Federal Highway Administration's (FHWA) Planning Emphasis Areas the Broward MPO has developed its own emphasis areas that will help drive the MTP development process.

There are 4 Emphasis Areas



Safety



Housing



Resiliency



Technology

Challenge: Safety & Public Health

Fatality Rate (5-Year Average) Broward County, Florida

Current

1.559

Crashes per 100 million VMT (2022)

National

1.33

Crashes per 100 million VMT (2022)

Goal

0

Crashes per 100 million VMT (FY 2024)

Increase in diseases or conditions associated with less active lifestyles or poor air quality.

Emphasis Area

Safety

Housing

Resiliency

Technology



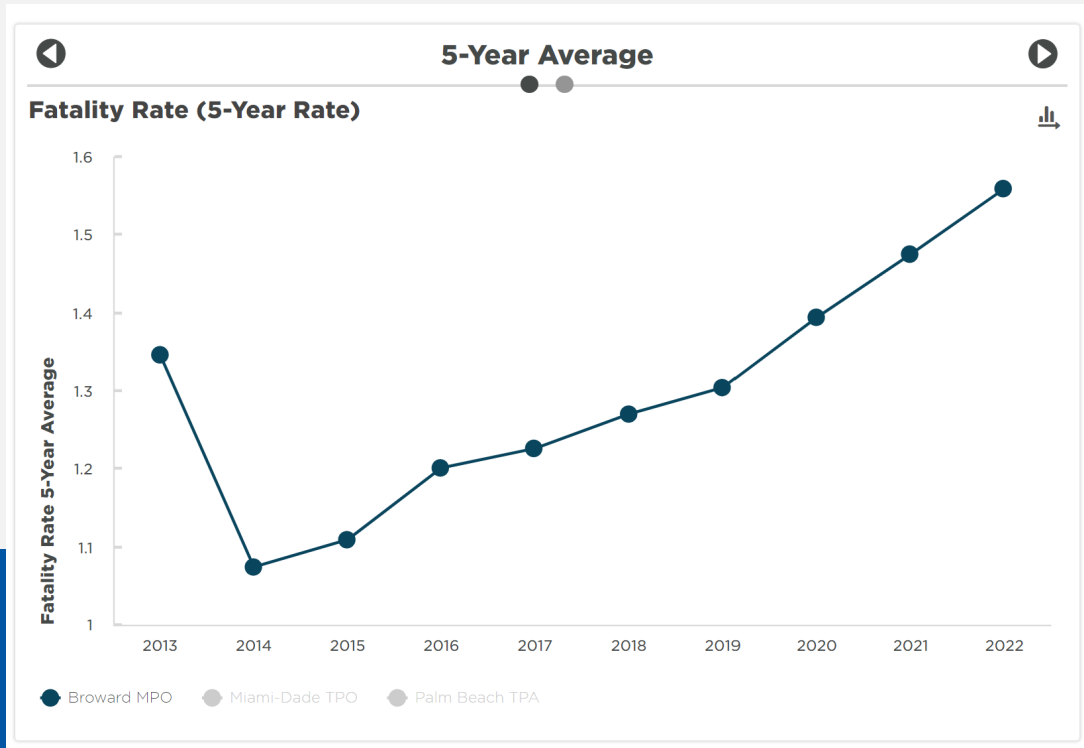
27.1% (2019)
Obesity



8.2% (2019)
Heart Disease



13.9% (2019)
Asthma



Challenge: Growth & Congestion



330,000

more people by
2050



6,600

more people
each year



550

people each
month



130,000

New homes
needed by 2050



260

New homes
each year



21

New homes
each month



*Average commuter in
South Florida spends 79
hours (over 3 days) per
year in traffic.*

Emphasis Area

Safety

Housing

Resiliency

Technology

Challenge: Environmental Impacts

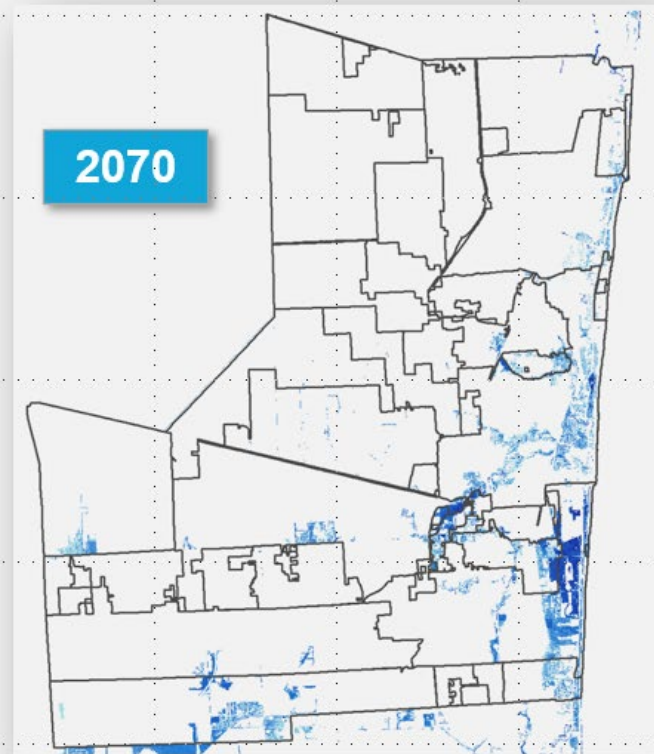
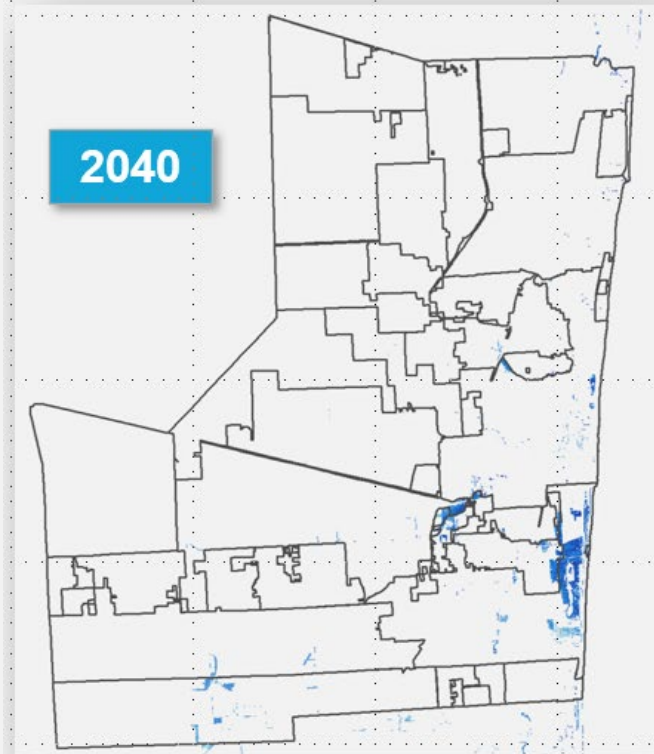


Photo credit: Art Seitz



source: Joe Cavaretta/South Florida Sun Sentinel/TNS/Getty Images

Emphasis Area

Safety

Housing

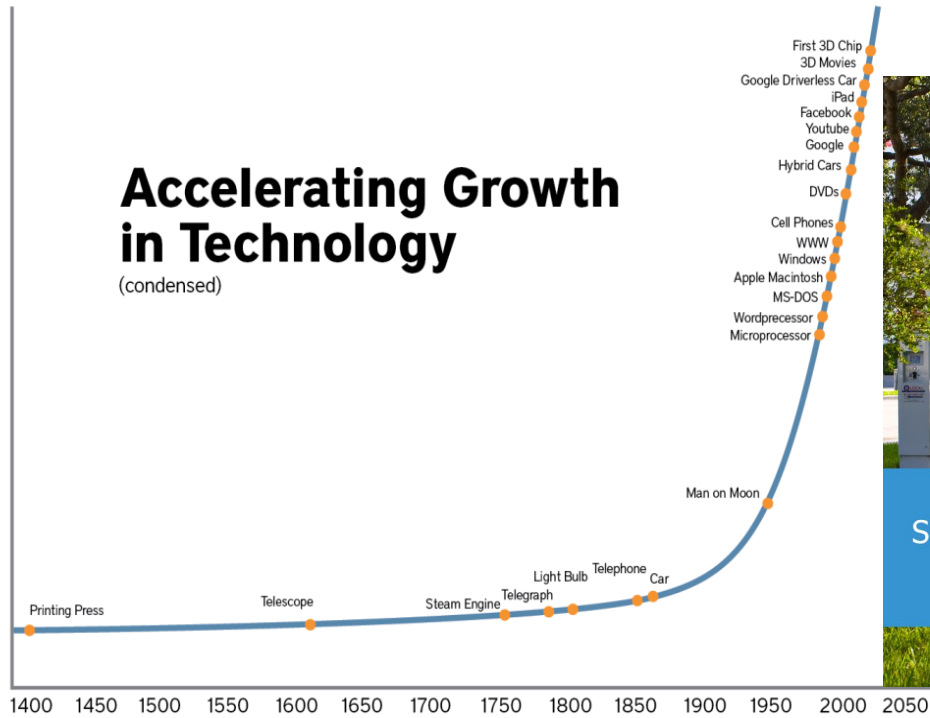
Resiliency

Technology

Challenge: Technology Advances

Accelerating Growth in Technology

(condensed)



Source: quantum.mu



Shared Mobility Services

Smart Traffic Management Systems

Mobility On Demand

Electric Vehicles

Emphasis Area

Safety

Housing

Resiliency

Technology

Challenges & Opportunities

Program Opportunities

**Integration of
the Broward
Safety Action
Plan**

**Technology
Program Tiers**

**Roadway
Program Rail
Emphasis**

**Resiliency
Program
Framework**

Mobility Hubs

CSLIP

Process Opportunities

Route Markers

**Updated
Funding
Programs**

**Grants
Coordination
Matrix**

**Concept
Development**

**Housing
Coordination
Plan**

**SMART
METRO**

Route Markers

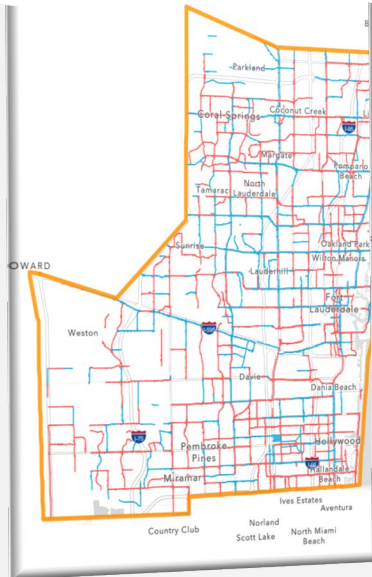
Route Markers



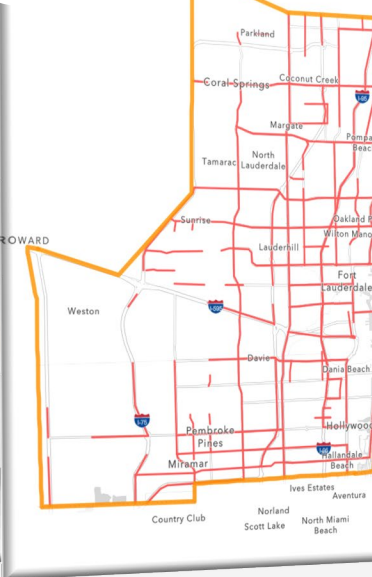
The 2050 MTP Route Markers will ensure projects address additional needs (outside of the provided scope) to develop more compete and holistic scopes for final implementation.



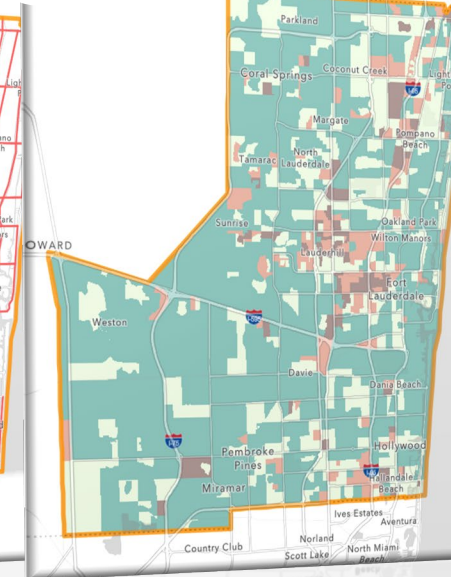
Bicycle Suitability



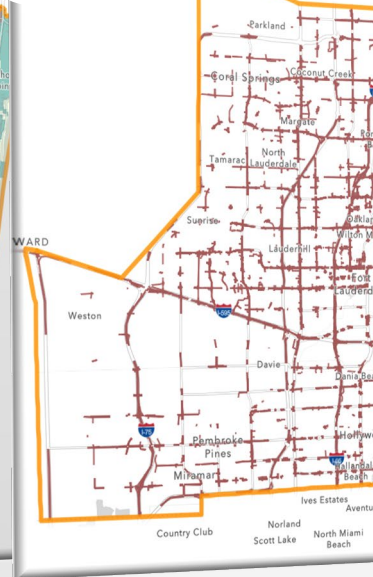
Congested Corridor



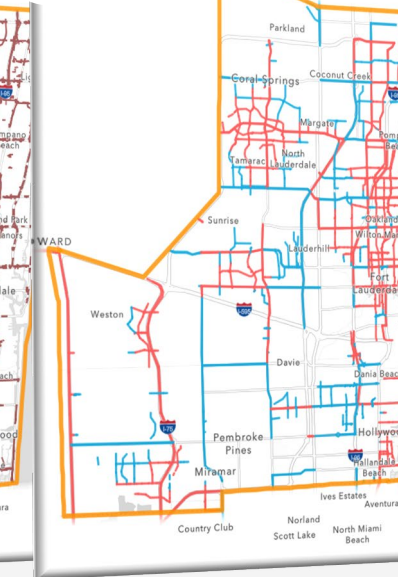
Equity



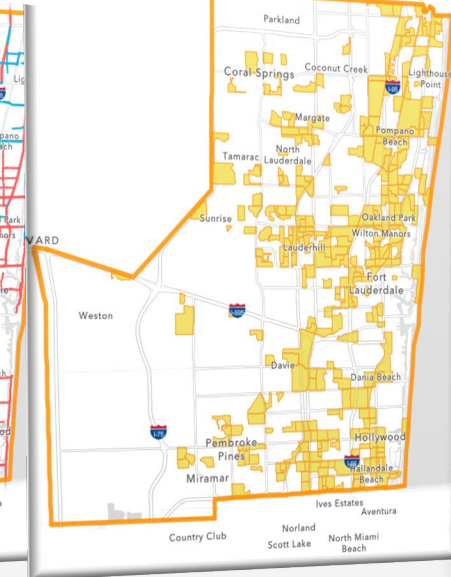
High Injury



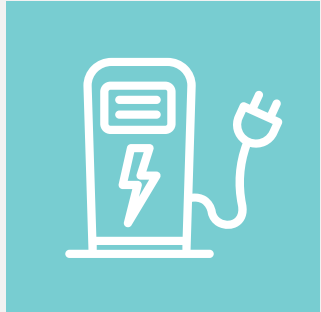
Resiliency



Housing



Funding Programs



TECHNOLOGY

Capital for Technology to support EV/CV, TSM&O, and real-time monitoring



COMPLETE STREETS

Bicycle and Pedestrian projects to address local and regional gaps in the network



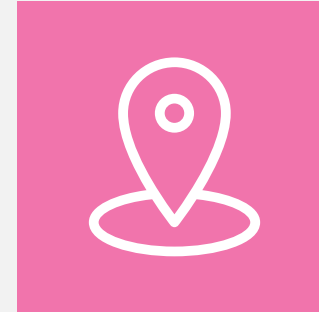
SAFETY

Safety projects identified through the Broward Safety Action Plan



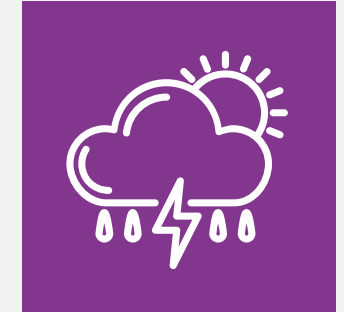
ROADWAY

Roadway Capacity and Freight Projects



TRANSIT & HUBS

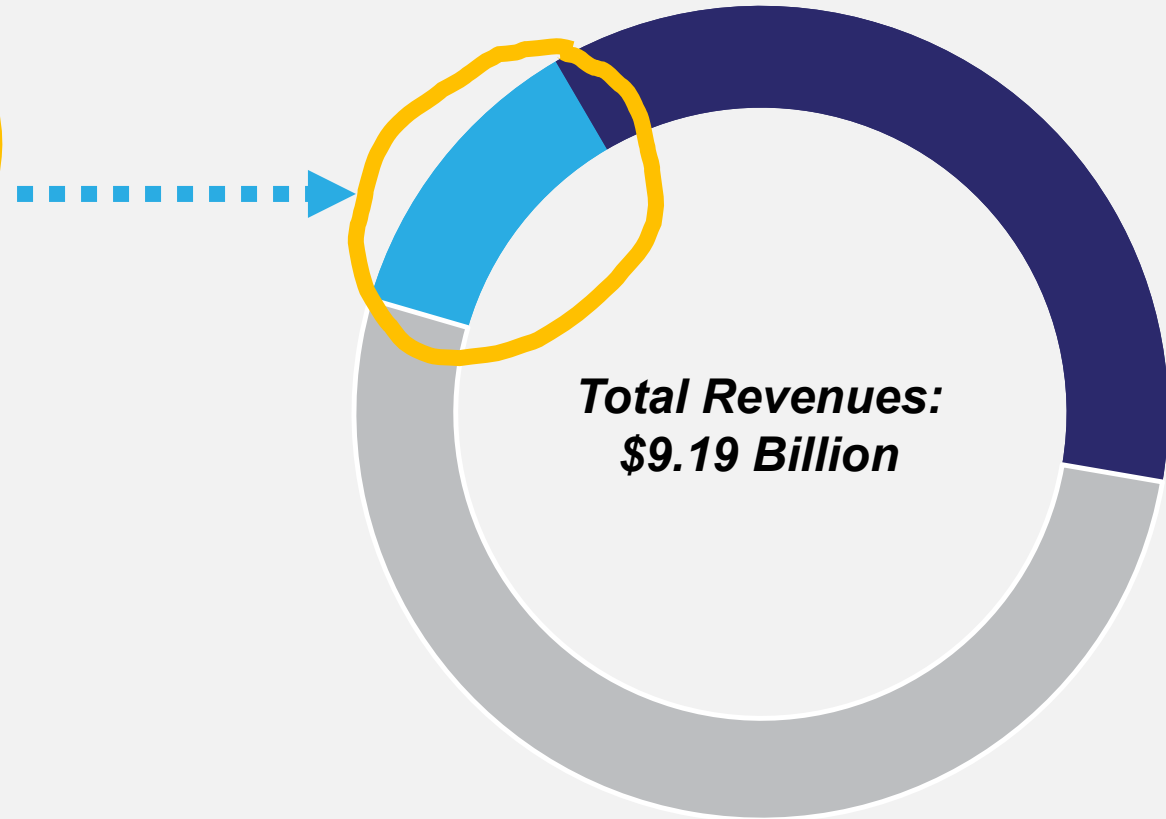
Capital for Transit and Transit Access Projects



RESILIENCY

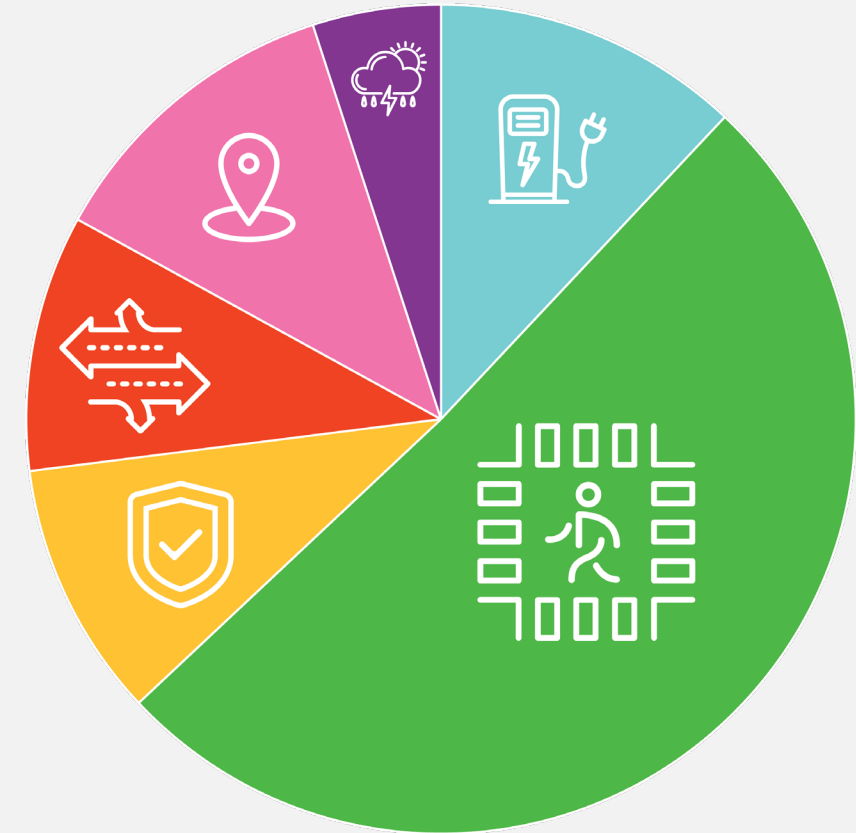
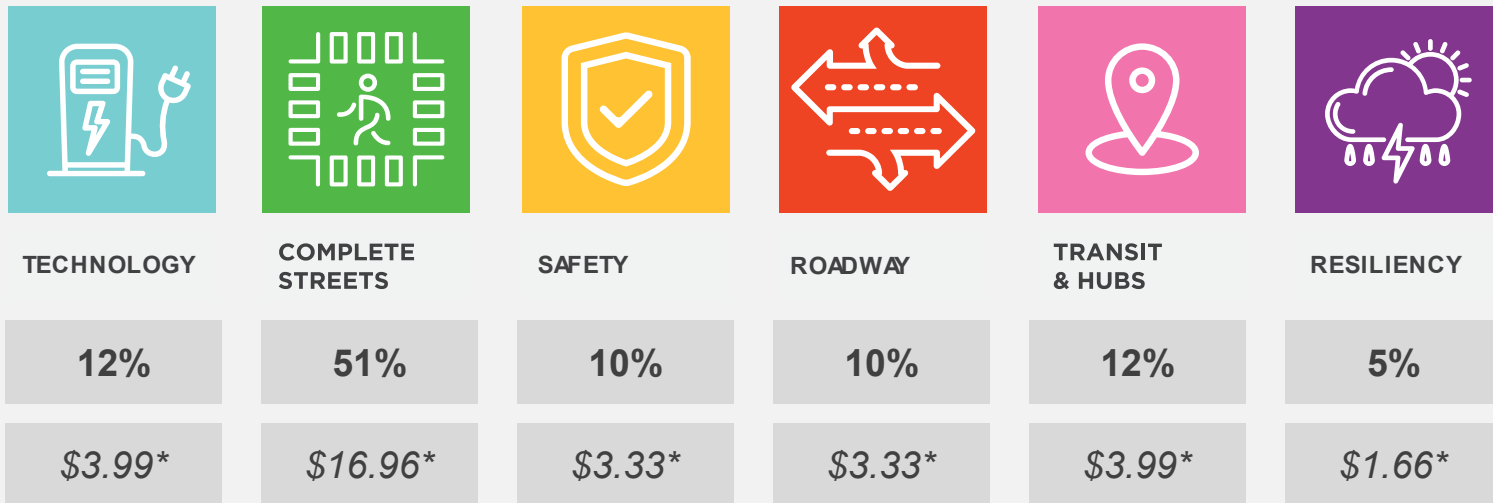
Resiliency projects to mitigate climate change effects on the identified MTP resiliency network

2050 MTP Revenue Allocation



Funding Program Percentages

(for MPO Attributable Funds)



*Annual Estimates in Millions

Cost Feasible Plan



Capital for Technology to support EV/CV, TSM&O, and real-time monitoring

Types of Projects:
EV Charging
TSM&O
Digital Twin

TECHNOLOGY

Challenges Addressed

Growth & Congestion

Environmental Impacts

Safety & Public Health

Technology Advances



Bicycle and Pedestrian projects to address local and regional gaps in the network

Types of Projects:
Bike Lanes
Sidewalks
Multi-Use Paths

COMPLETE STREETS

Challenges Addressed

Growth & Congestion

Environmental Impacts

Safety & Public Health

Technology Advances



Safety projects identified through the Broward Safety Action Plan

Types of Projects:
On System Safety
Off System Safety

SAFETY

Challenges Addressed

Growth & Congestion

Environmental Impacts

Safety & Public Health

Technology Advances

Cost Feasible Plan



Roadway Capacity and Freight Projects

Types of Projects:
 Intersection Improvements
 Grade Separation
 Reconstruct Lanes

ROADWAY

Challenges Addressed

Growth & Congestion

Environmental Impacts

Safety & Public Health

Technology



Capital for Transit and Transit Access Projects

Types of Projects:
 Mobility Hub
 Transit Improvement
 Rail

TRANSIT & HUBS

Challenges Addressed

Growth & Congestion

Environmental Impacts

Safety & Public Health

Technology Advances



Resiliency projects to mitigate climate change effects on the identified MTP resiliency network

Types of Projects:
 Resiliency Corridor Studies
 Mast-Arm Conversion

RESILIENCY

Challenges Addressed

Growth & Congestion

Environmental Impacts

Safety & Public Health

Technology Advances



Thank You!

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