

Orientation for New Board Members

April 10, 2019





Congrats!

You're on the
MetroPlan
Orlando
Board.

What now?

Today's Topics

- Our Role
- Our Plans
- Our Funding
- Our Process

Future Topics

- Project updates
- Community engagement
- Transit
- Financial Resources



Our Role

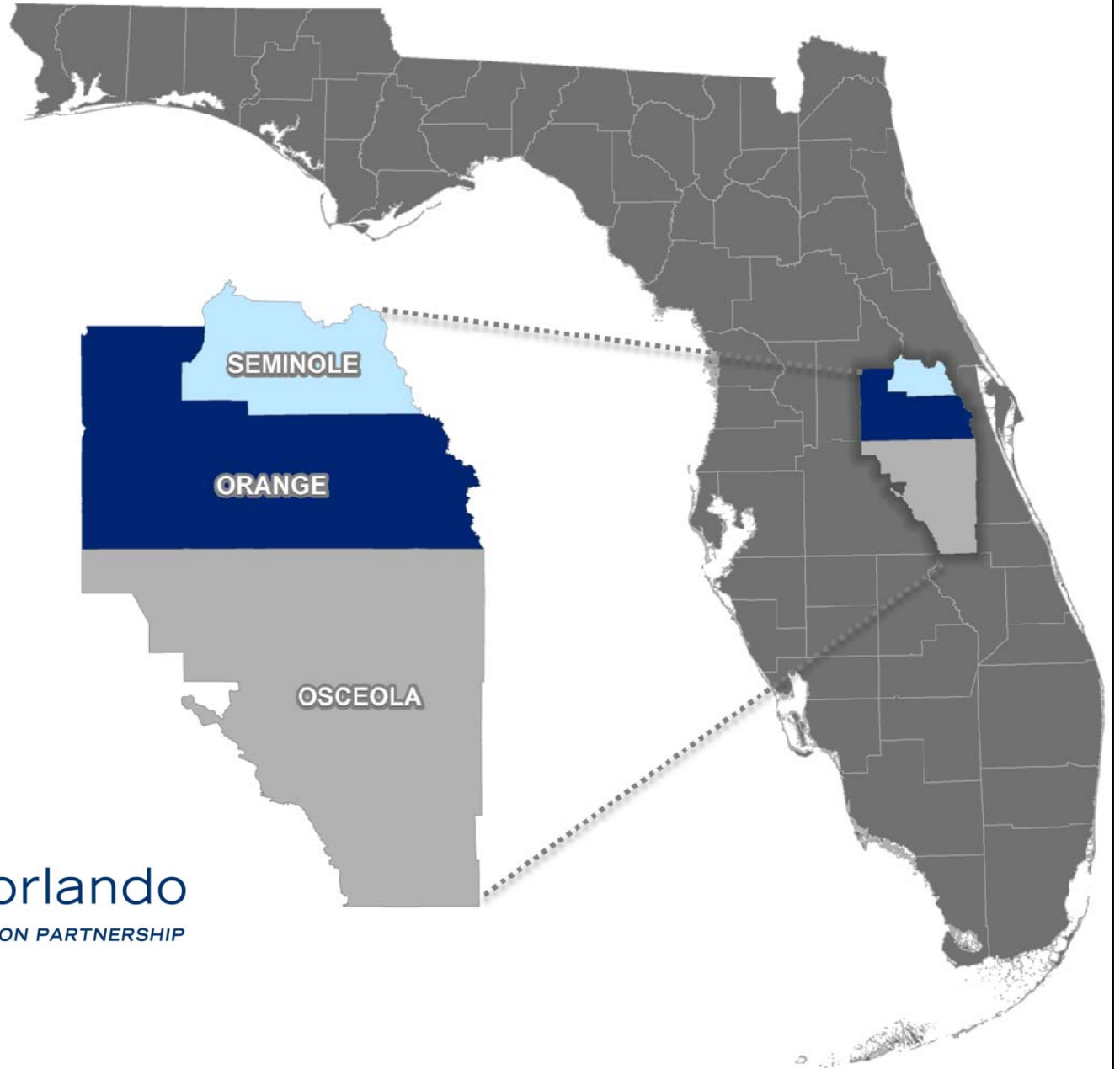


What does MPO stand for?

- Multimodal Planning Organization
- Metropolitan Planning Organization
- Making Petroleum Obsolete
- Multimodal Planning Optimization
- Major Project Office

Why do MPOs exist?

- Regional coordination
- Set funding priorities
- Plan far into the future
- All of the above



metroplan orlando

A REGIONAL TRANSPORTATION PARTNERSHIP



MetroPlan Orlando Board



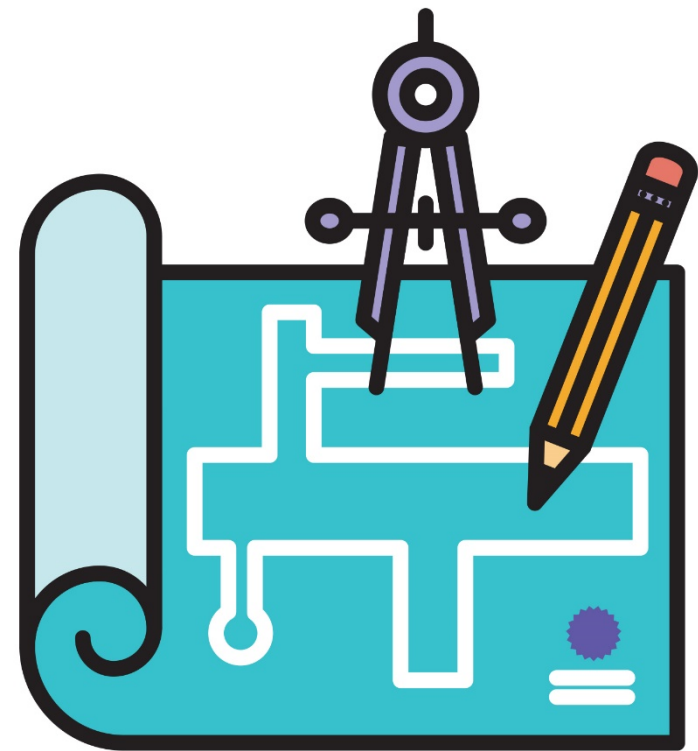
- Forum for regional coordination & cooperative decision-making
- Set priorities for state and federal funding
- Provide long-term transportation vision



Fundamental MPO Roles



- To set the framework for transportation in the region
- To make planning & programming decisions
- To ensure consistency by reviewing other agencies' planning & programming
- To involve & inform the public





Our Work Impacts Everyone

- Transportation system
- Economy
- Community character



Which role fits you?

- Visionary
- Advocate
- Mediator
- Educator
- Adjudicator
- Negotiator
- Manager

Your Leadership Is Vital to Success

- Patience & persistence are crucial in planning
- Legal Authority < Political Influence
- Highly interdependent process



Our Plans



Metropolitan Transportation Plan (formerly Long Range Transportation Plan)



Prioritized Project List

Transportation Improvement Program



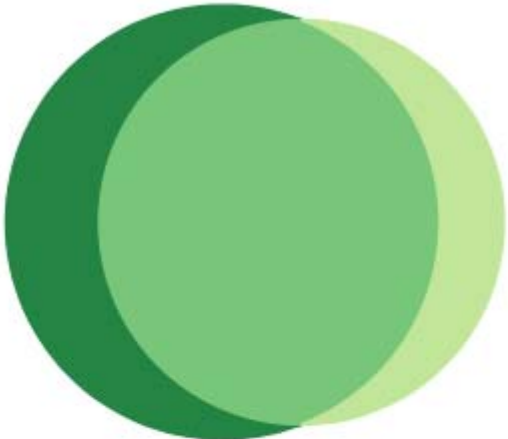
Unified Planning Work Program



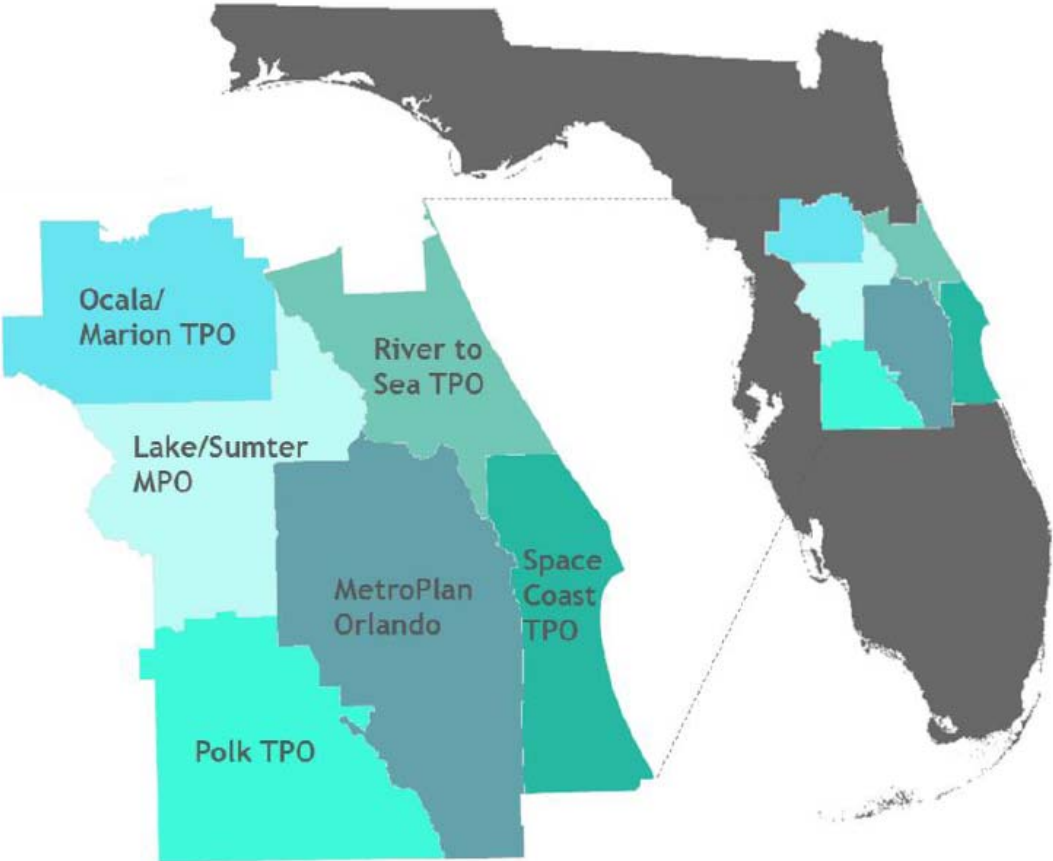
Why think regionally?



Why Think Regionally



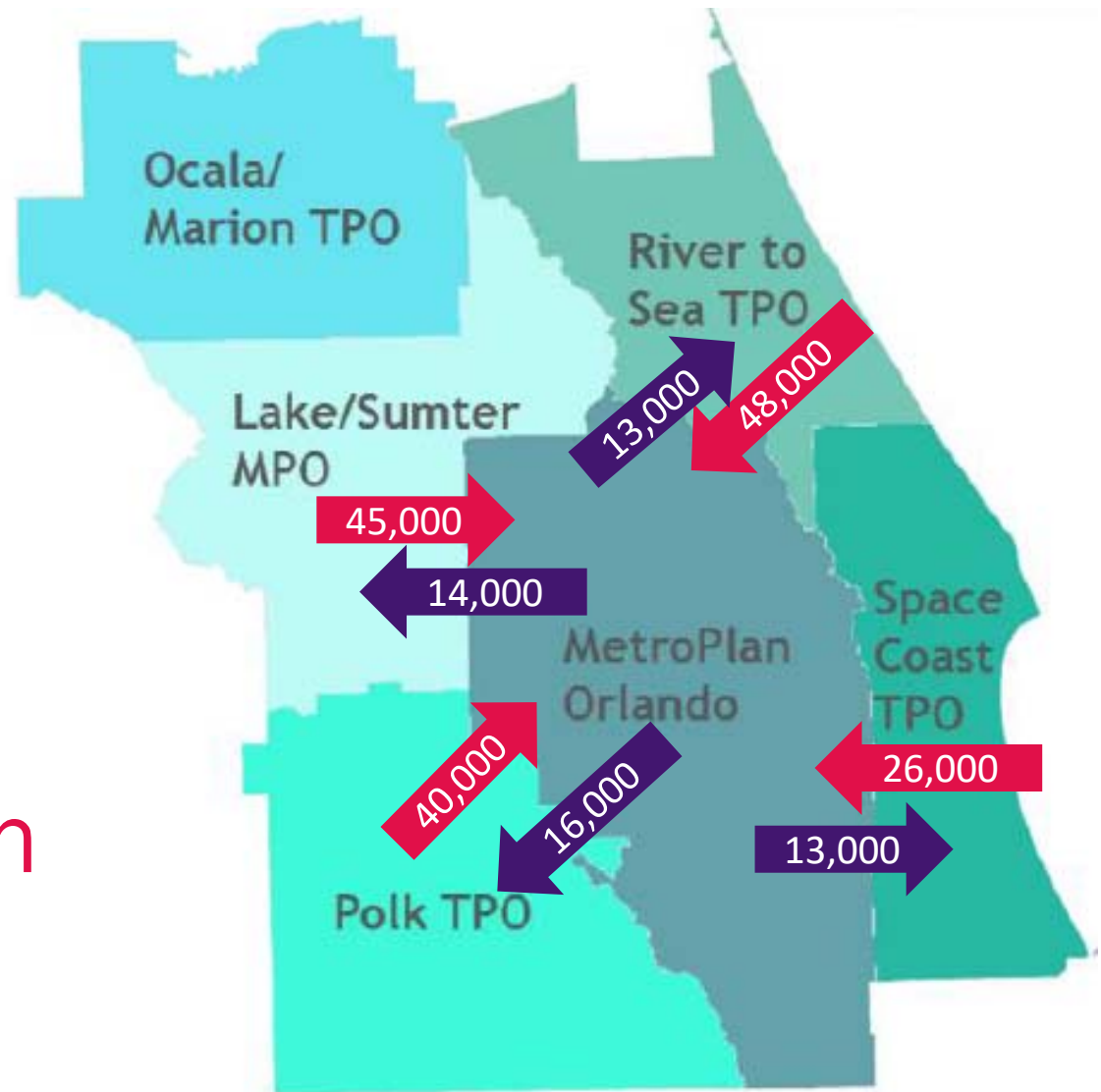
- 334,272 - Employed in Selection Area, Live Outside
- 195,190 - Live In Selection Area, Employed Outside
- 729,851 - Employed and Live in Selection Area



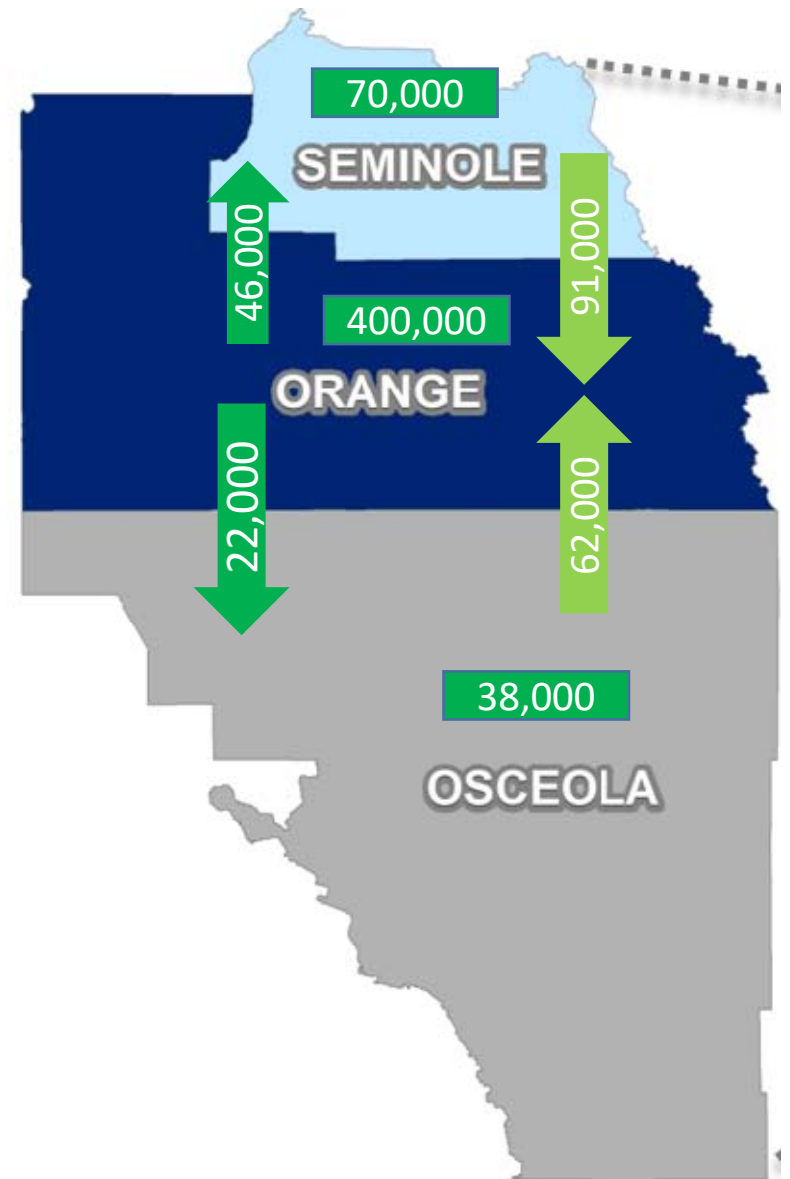
Source: U.S. Census Longitudinal Employer-Household Dynamics (LEHD) data

Greater Central Florida

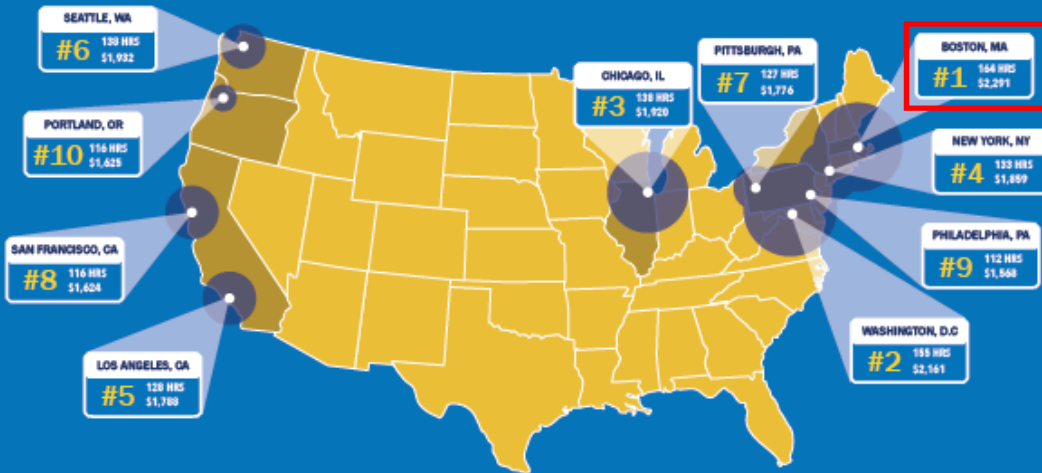
159k coming in
56k going out



Transportation doesn't start or stop at the county line



THE MOST CONGESTED CITIES IN THE U.S.



(BASED ON HOURS & MONEY LOST DUE TO TRAFFIC ANNUALLY)

BOSTON

WAS THE MOST CONGESTED CITY

164 HRS

LOST DUE TO TRAFFIC CONGESTION



AMERICAN DRIVERS LOST:



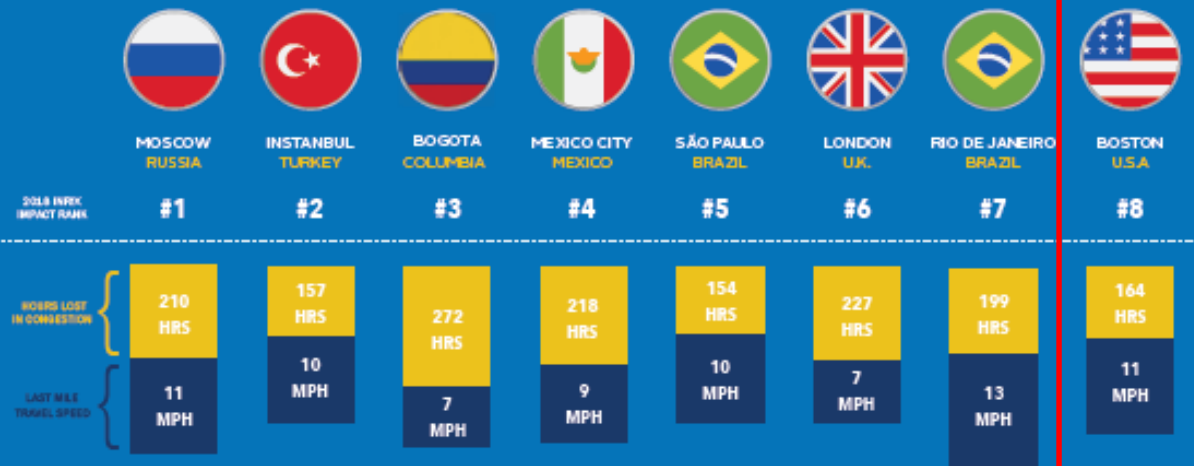
87 B

DUE TO TRAFFIC CONGESTION



97 HRS

THE MOST CONGESTED CITIES IN THE WORLD



(BASED ON HOURS LOST TO TRAFFIC & INNER CITY LAST-MILE TRAVEL SPEED)

Source:
INRIX Mobility Scorecard - 2018

Cost of Congestion

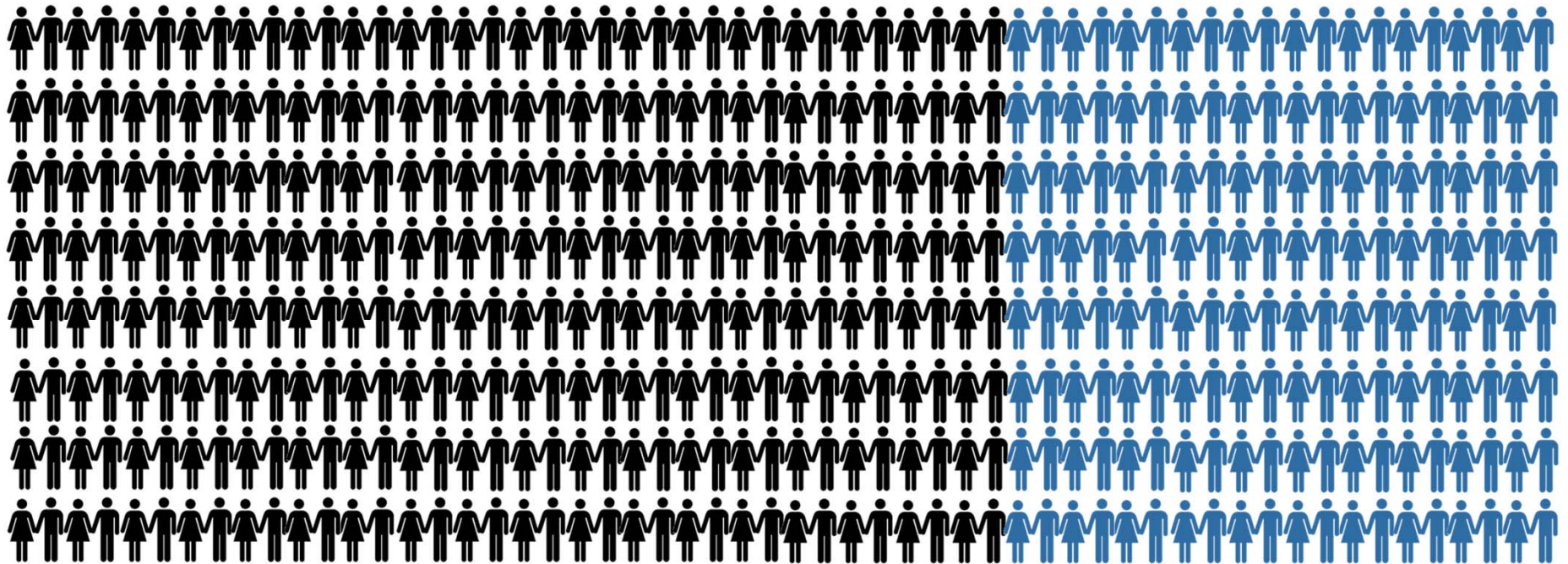
\$1,037
per commuter

74 hours
stuck in traffic

Source:
INRIX Mobility Scorecard - 2018

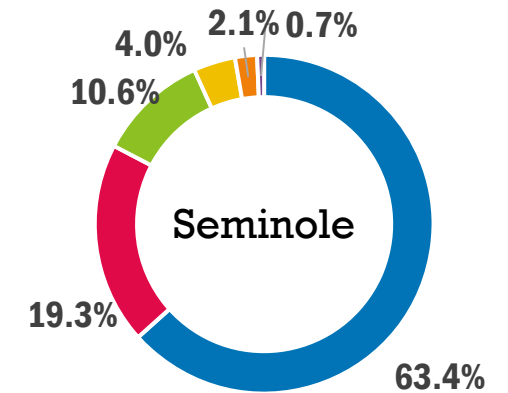
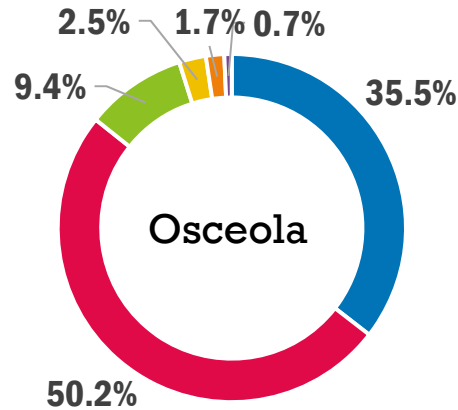
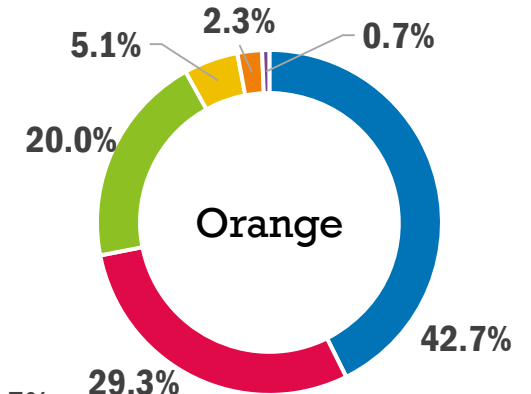
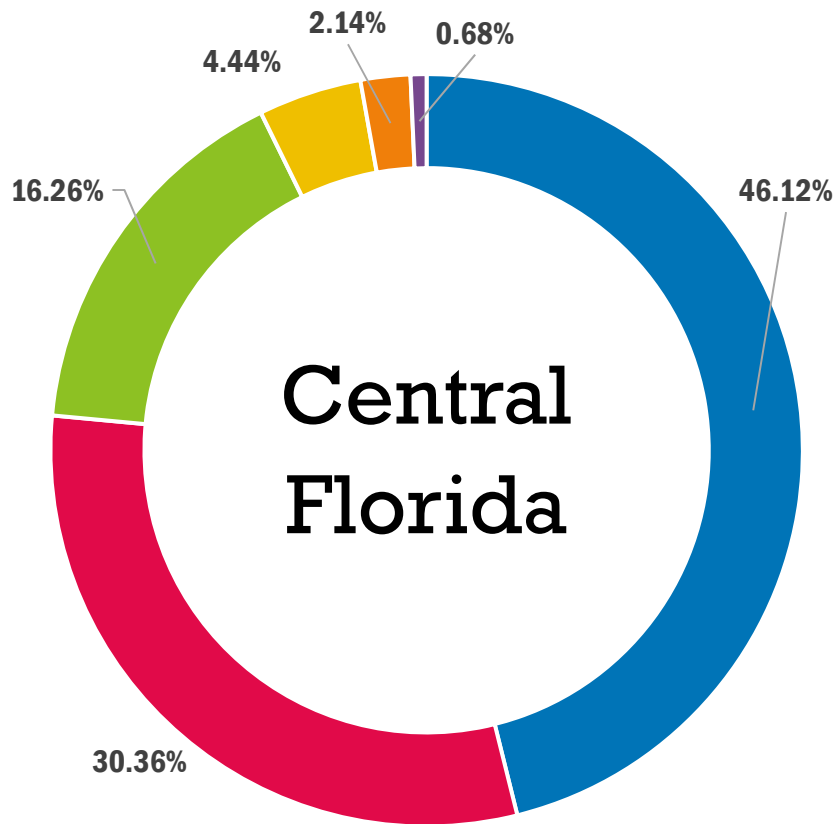


Two million people... and by 2040,
ONE MILLION MORE



+ 72M
annually

A Majority-Minority Region



■ White
 ■ Hispanic
 ■ Black
 ■ Asian
 ■ 2 or More Races
 ■ Other

Underserved Populations

15.03%
households
below poverty

5.78%
households
with no vehicle

9.53%
female HOH w/
child under 18

8.9%
persons with a
disability

11.81%
age 65+

4.84%
age 75+

Planning Principles for a Growing Region



- Provide transportation options so people have choices
- Shift from moving cars to moving people
- Less focus on congestion, more focus on reliability



Our Funding



How Transportation Projects Come to Life



How is transportation primarily funded?

- I don't know
- Gas taxes
- Property taxes
- Sales taxes
- Impact fee / mobility fee
- Tolls

Funding Pots & Who Decides



Federal

MPO –
FDOT &
USDOT



State

MPO - FDOT



Local

Local govts



Tolls

CFX,
FTE/FDOT

When was the last time the federal gas tax was raised?

- 1978
- 1986
- 1993
- 2006

The federal gas tax is a declining source of transportation funding.



Why?



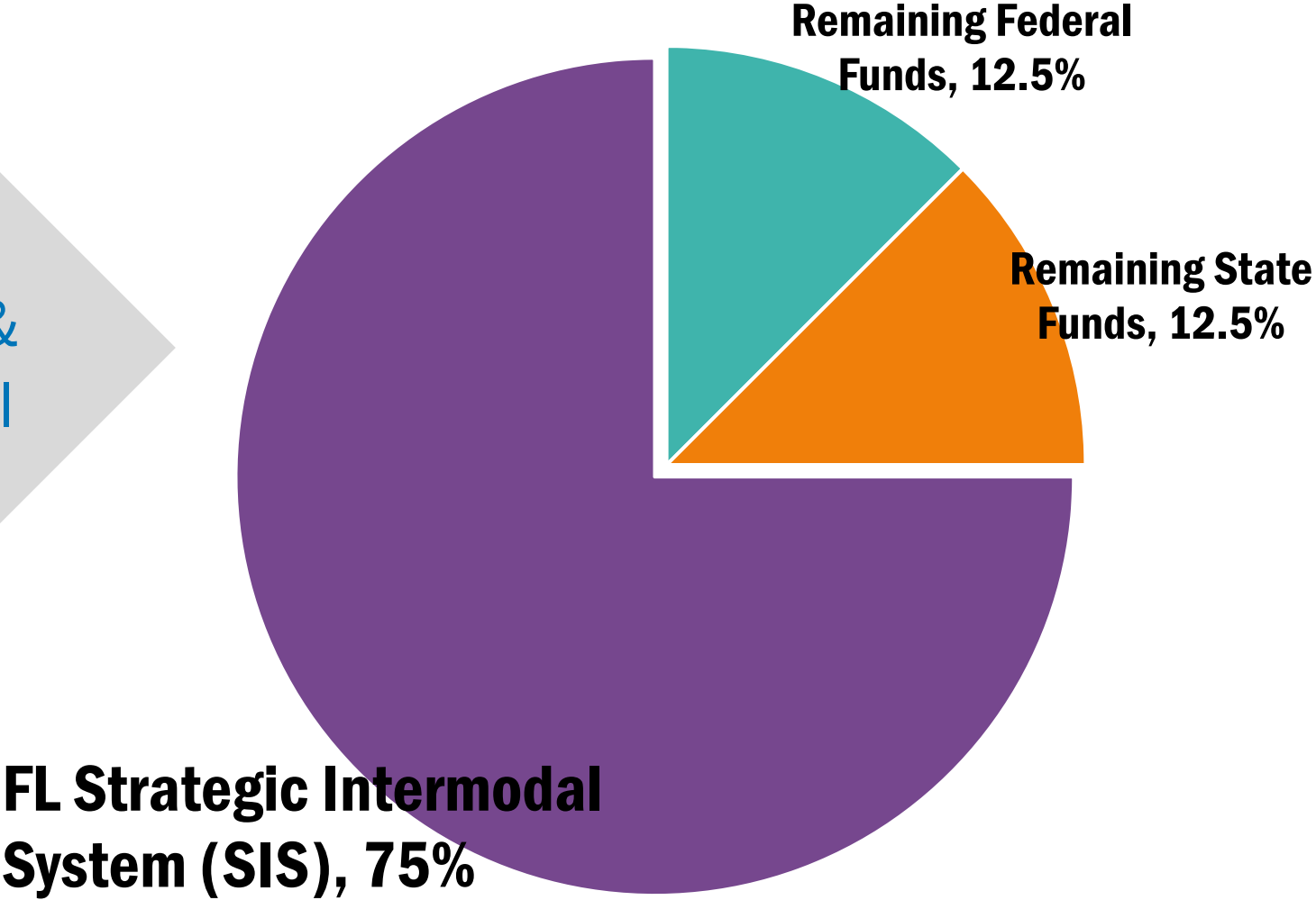
Wear & Tear

Fuel Efficiency



Transportation Funding: Florida Infrastructure Bank

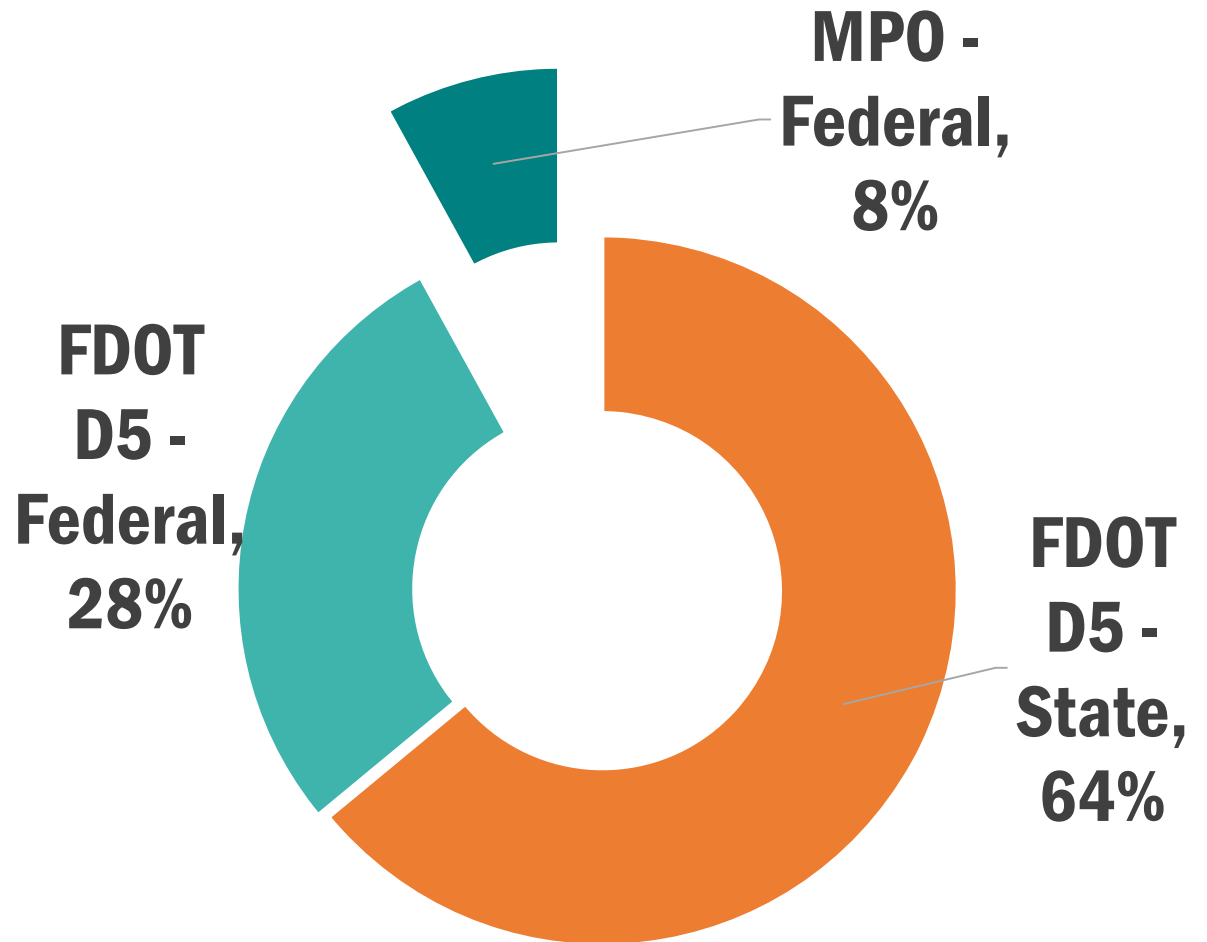
Made up of
50% state &
50% federal
funds



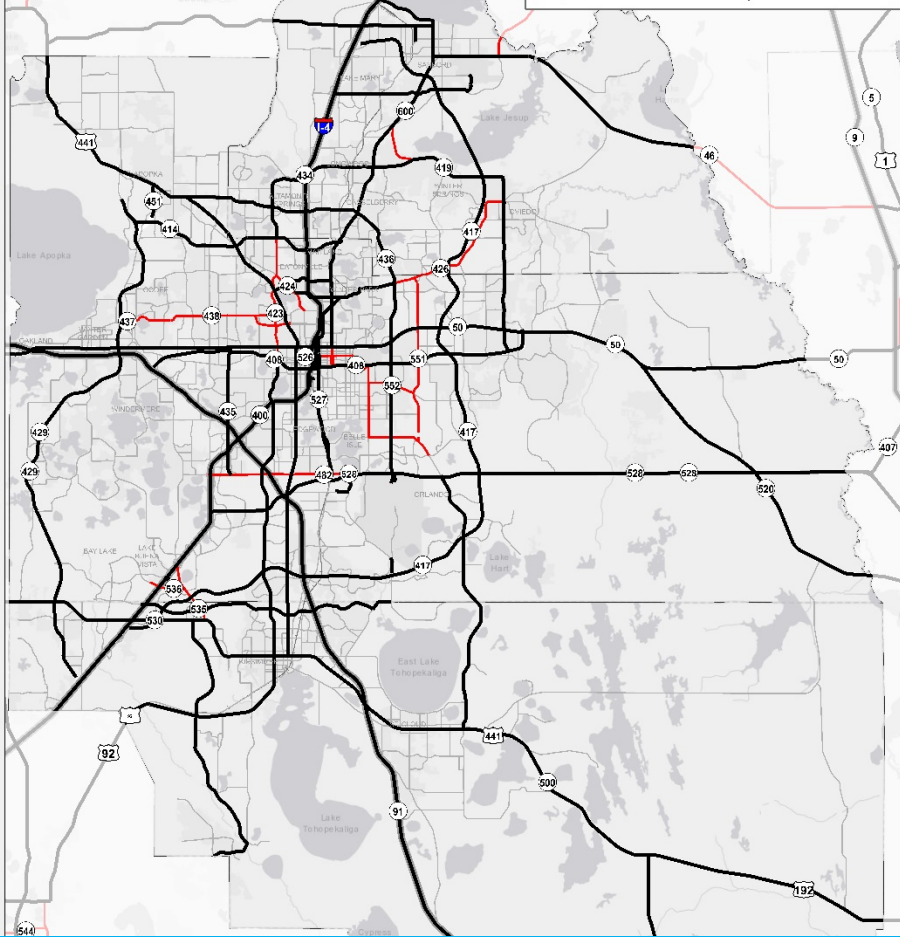
Funds Flow from State to Districts



Statewide Pot



**National Highway System (NHS)
and State Road
[12 point Prioritization System Corridors]**

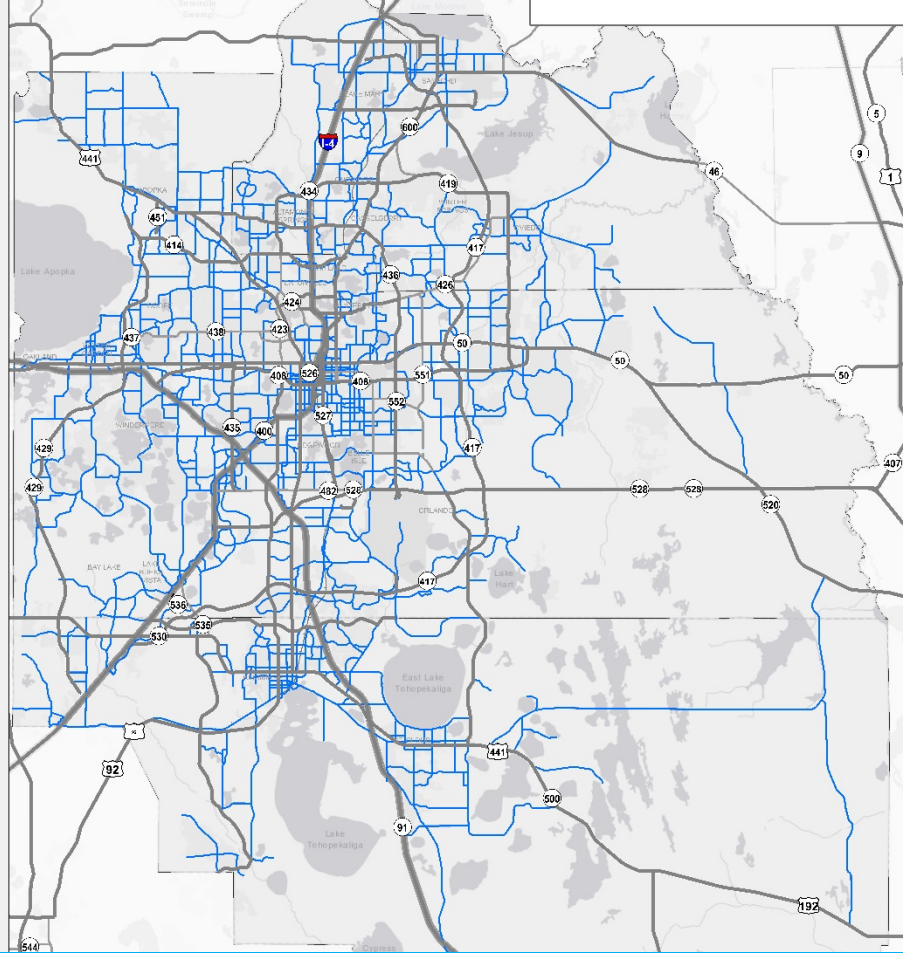


**\$350M on 2,124 mi.
(720 mi. in our region)**
District Dedicated Revenue (DDR)

- Legend**
- National Highway System (NHS)
 - State Roads (Non-NHS)
 - Off State System (Federal Aid)

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**Off System Federal Aid
[10 point Prioritization System Corridors]**



\$30M on 1,413 mi.
Federal Surface Transportation &
Alternative Program (SU/TALU)

- Legend**
- National Highway System (NHS)
 - State Roads (Non-NHS)
 - Off State System (Federal Aid)

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Average Transportation Costs



\$475,000

per bus - 2013



\$5.1M

per mile - 2013



\$750k-1M

per mile - 2013

\$750k-1M

per mile - 2018

\$6.3M

per mile - 2018

\$2M-3M

per mile - 2018

A decorative footer bar at the bottom of the page. It consists of a solid blue horizontal bar at the bottom, with a row of seven colored squares (teal, yellow, dark blue, pink, orange, light green, and cyan) positioned above it.

Transportation Funding Years 2019-2040



**Projects We Can Afford =
\$15.1 billion**

**Unfunded Highway + Transit Needs =
\$31.6 billion**

Emphasis Areas



Safety

Trail
Connectivity

Engage
Younger
Population

Complete
Streets

SunRail &
LYNX
Connectivity

How Did We Do?



2017/18

\$97 Million (52%)

2018/19

\$129 Million (69%)

Our Process



When was the first idea / plan for Ultimate I-4?

- 1975
- 1982
- 1986
- 1989
- 1992

Core Planning Products

Metropolitan
Transportation
Plan (MTP)

Prioritized Project List (PPL)

Transportation
Improvement
Program (TIP)



Key Federal MTP Requirements

(23 CFR 450.324)

- Minimum 20-year horizon
- Updated every five years
- Must include a System Performance Report
- Must be fiscally constrained
- May develop multiple scenarios
- Must be in MTP to receive funding



Performance-based process to prioritize projects - why?



- Allows us to use existing plans and data to inform which corridors get funding
- Data from performance measures help people prioritize projects

Performance Measures



Federal Performance Measures (National Highway System)

Safety

Travel Time
Reliability

Bridge
Condition

Pavement
Condition

MetroPlan Orlando Performance Measures (all Federal Aid Corridors)

Evacuation

Multimodal System

Accessibility to
Attractions / Airport
/ Convention

Accessibility to
Activity Centers

Environmental
Justice

Off –Peak Period
Congestion

Air Quality

Actively Managed
Corridors

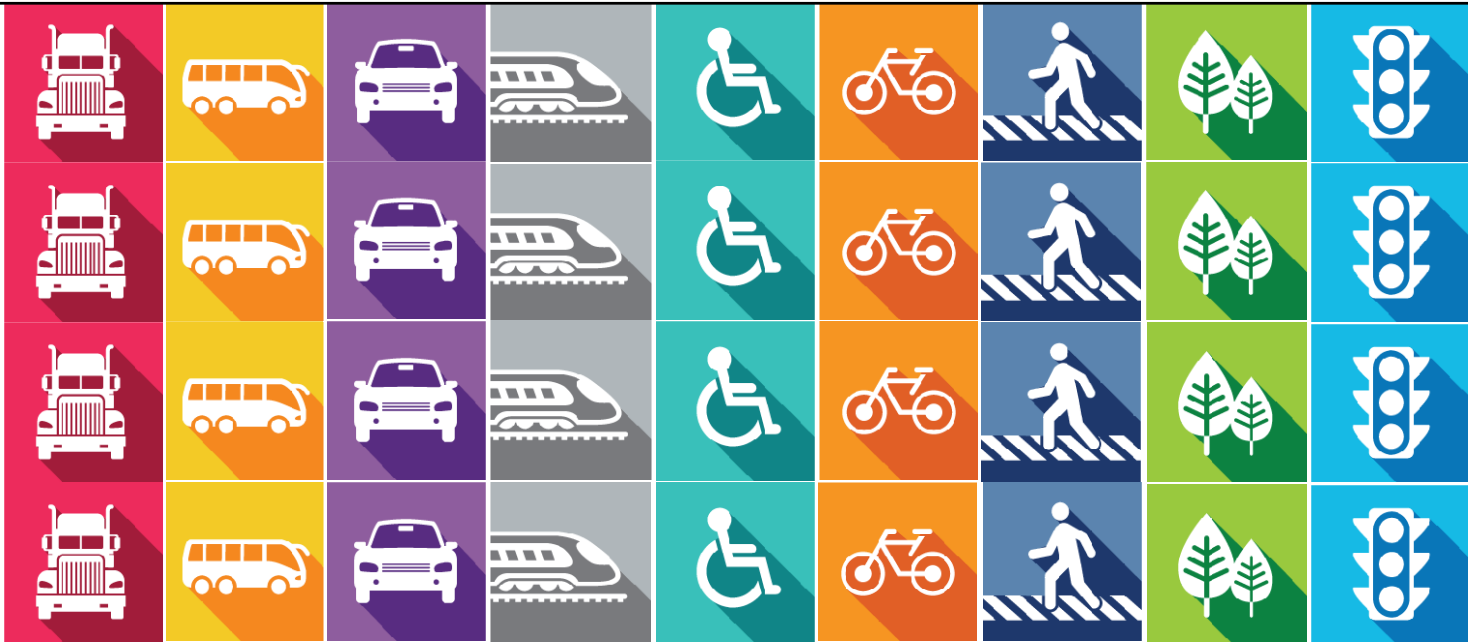
Environmental /
Storm water Issues

Transportation Improvement Program

- Projects funded in next 5 years
- Updated annually
- Consistent with adopted MTP
- Becomes part of the State Transportation Improvement Program (STIP)



Silos



VS

Multimodal



Public Involvement Plan



- Required by federal law
- Ensures the public has a voice in transportation planning
- Outlines objectives and strategies for public participation & education
- Includes outreach to traditionally underserved communities



Unified Planning Work Program

- Two year list of MPO tasks
- Identifies sources of funding, schedules & responsible agencies
- Coordinates planning by all in the regional process
- Describes all federally-funded studies

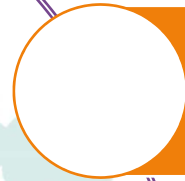


Other Work Products

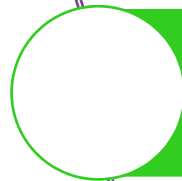
- Transportation Systems Management & Operations
- Bicycle & Pedestrian Safety, Monitoring
- Complete Streets Studies
- Freight & Goods Movement
- Nondiscrimination & Language Plan
- Local Government Support



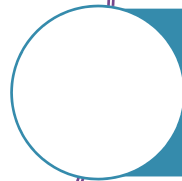
Challenges



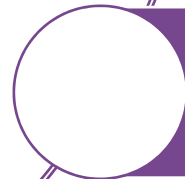
Safety



Funding



Technology



Next federal bill

Thank You

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