



Welcome

Pasco and Hernando Counties Community Working Group
December 5, 2017

Milo Paich
Collaborative Labs
St. Petersburg College



Welcome to those viewing by webinar

LISTENING OPTIONS

- Your listening options are provided in the “Audio” pane of your Control Panel.
- Telephone (Phone number, access code, and audio pin provided under “Audio”)
- Computer or VoIP (Must have speakers)
- **You will join the webinar in listen-only mode for the duration of the session**



For those attending in-person

- Please be considerate of web-viewers by limiting outside conversations and shuffling paper during the webinar.
- Place cell phones in quiet mode and leave the room to take calls.



Our agenda this evening

- Tonight will include presentations about ongoing and upcoming activities from the Florida Department of Transportation (FDOT) District Seven, the Pasco County Metropolitan Planning Organization and an update on the Regional Transit Feasibility Plan.
- The first half of the meeting will be presentations that can be viewed online or in-person.
- The second half of the meeting will be breakout sessions with FDOT, Pasco County Metropolitan Planning Organization, the Regional Transit Feasibility Plan for those who are attending in-person.



Questions Will Be Addressed During and After Breakout Sessions

- We have a lot of information to share with you tonight. In order to get through all the presentations, we will address questions during the breakout sessions.
- FDOT leadership and staff will be available after the breakout sessions if you have additional questions or would like further discussion.



Webinar Questions

- For those viewing online, please utilize the **chat bar** on the right side of your screen to send questions to the Tampa Bay Next team.
- Online questions will be collected and addressed by topic experts.
- Responses will be posted on TampaBayNext.com next week.
- An email notification will be sent to those registered online and those in the TampaBayNext outreach list once questions and responses have been posted.



Real Time Record

- The Real Time Record will include the first half of tonight's agenda. Due to the format of the breakout sessions, all comments and discussions cannot be recorded.
- If you would like to have your comment included in the Real Time Record, please submit a written comment on one of the comment cards provided, submit your comment via TampaBayNext.com, or submit a comment via the webinar tonight.

TampaBayNext.com

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.us

 TampaBayNext

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**Your input matters. Your ideas help
shape the Tampa Bay Next program.**

Now on to our presentations



Welcome Elected Officials





Amy Neidringhaus and Stephen Benson

FDOT District Seven







**Tampa Bay Next
is a program and a
process of working with
the community to come
up with an action plan
for transportation.**



Why Tampa Bay Next?

Tampa Bay Next is addressing 4 distinct problems.



DESIGN



DEMAND



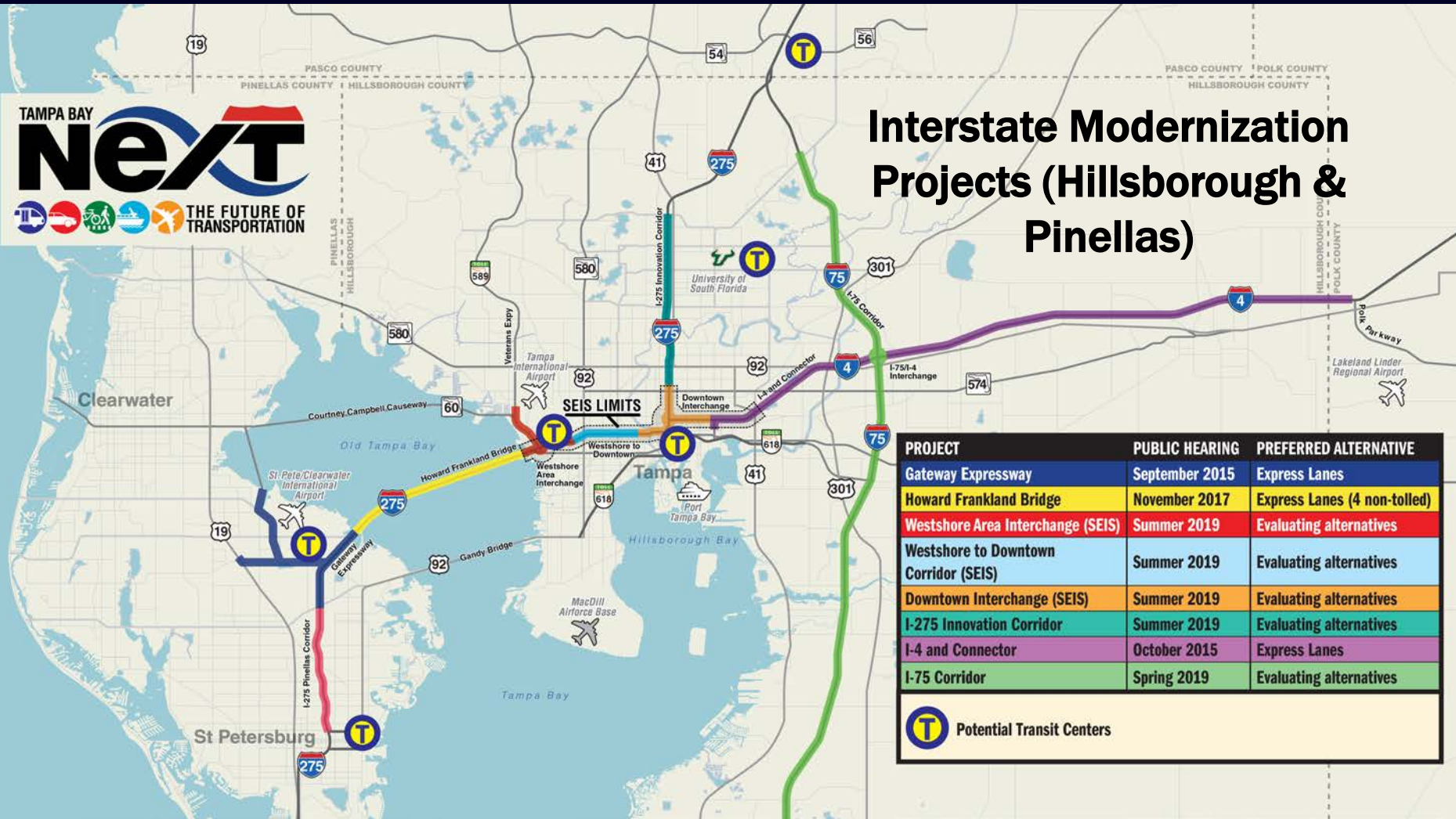
CHOICE



CONSENSUS



Interstate Modernization Projects (Hillsborough & Pinellas)



PROJECT	PUBLIC HEARING	PREFERRED ALTERNATIVE
Gateway Expressway	September 2015	Express Lanes
Howard Frankland Bridge	November 2017	Express Lanes (4 non-tolled)
Westshore Area Interchange (SEIS)	Summer 2019	Evaluating alternatives
Westshore to Downtown Corridor (SEIS)	Summer 2019	Evaluating alternatives
Downtown Interchange (SEIS)	Summer 2019	Evaluating alternatives
I-275 Innovation Corridor	Summer 2019	Evaluating alternatives
I-4 and Connector	October 2015	Express Lanes
I-75 Corridor	Spring 2019	Evaluating alternatives

Potential Transit Centers

Pasco County

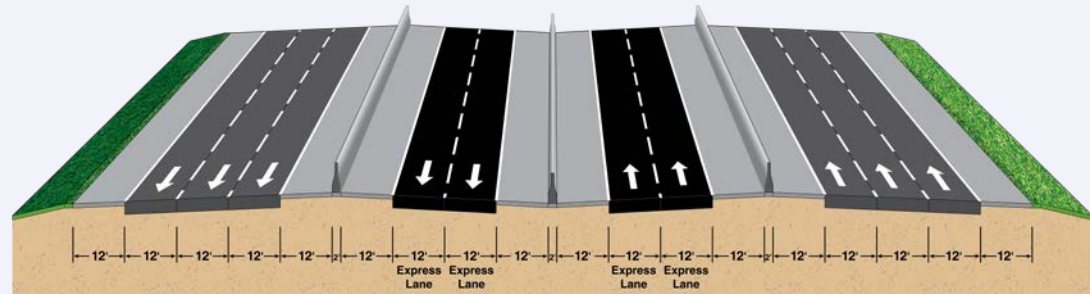
I-75 as Regional Express Lane Corridor

How far should
express lanes
extend into Pasco
County?



I-75 Corridor Modernization

- At the request of local leaders, FDOT is evaluating managed lanes on I-75 North of SR56. Pasco County section is under feasibility review.
- Hillsborough County section is currently under study from Manatee County line to the New Tampa area, including I-75/I-4 interchange.



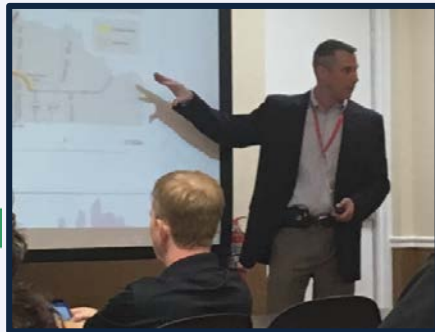
**2 express lanes & 3 general use lanes
in each direction**

FDOT Invests in Transit

- ▶ Central Avenue BRT
- ▶ Cross-bay Water Ferry
- ▶ Intermodal Center Studies
- ▶ Express Bus in Express Lanes Study
- ▶ TECO Streetcar Extension Study
- ▶ Innovative Circulator Pilots
- ▶ Regional Transit Feasibility Plan & Project Development
- ▶ Marion Autonomous Shuttle Pilot



Community Outreach



Mobility Innovation and Technology (MIT) Team

State of the Practice

Where are we today?

Visioning

Where do we want to be tomorrow?

Roadmap

How are we going to get there?



Pasco/Hernando Projects

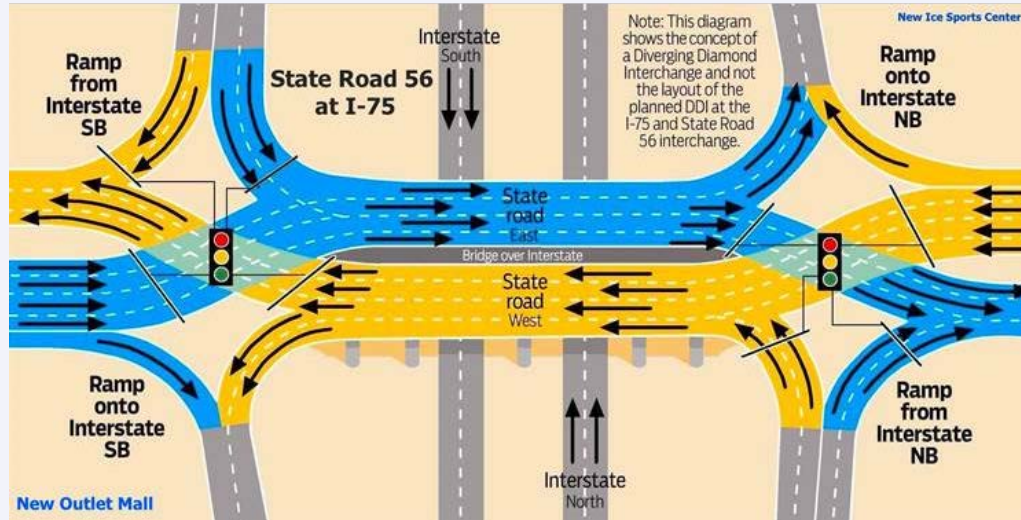
LEGEND

-  FDOT Headquarters
-  Interstates
-  U.S. Highways
-  Counties



I-75 @ SR56

Diverging Diamond Interchange



About the Project:

- Converts existing interchange to diverging diamond interchange
- More efficient design reduces travel times for motorists in rapidly growing area

Project Limits: Between CR54 & Cypress Ridge Boulevard

Construction Start: 2018

SR56 Extension Construction Status Update



About the Project:

- Provides east-west corridor to alleviate traffic on SR54
- Provides direct truck route for industrial development on Chancey Road Bypass
- Promotes development and growth for Zephyrhills area

Project Limits: From Meadow Pointe Dr. to U.S. 301

Construction: 2017-2020

SR52 Alignment Update



About the Project:

- Shifts SR52 alignment south of existing roadway in some areas
- Widens SR52 in other areas

Project Limits: From Uradco Place to Fort King Highway

Construction Start: 2019

Pasco/Hernando Projects

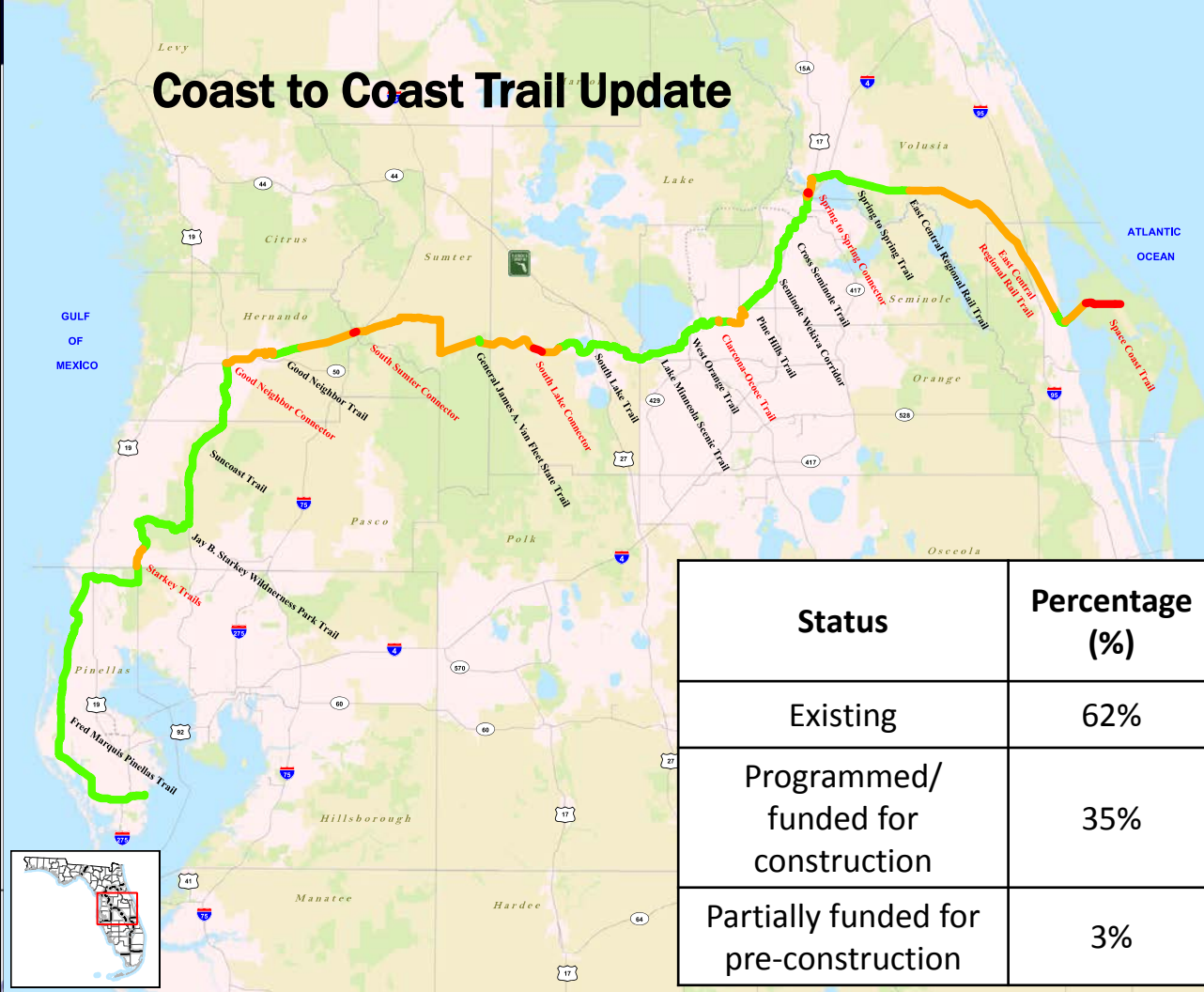
County Line Road Projects Status Update



About the Projects:

- Multiple projects on CR578 to create 4 lanes from U.S. 19 to Suncoast Parkway.
- Intersection at Mariner Blvd/Shady Hills under construction (finish late 2018)
- 3 additional projects in design phase

Coast to Coast Trail Update



Status	Percentage (%)
Existing	62%
Programmed/ funded for construction	35%
Partially funded for pre-construction	3%

SR50 (Cortez Blvd) Widening Update



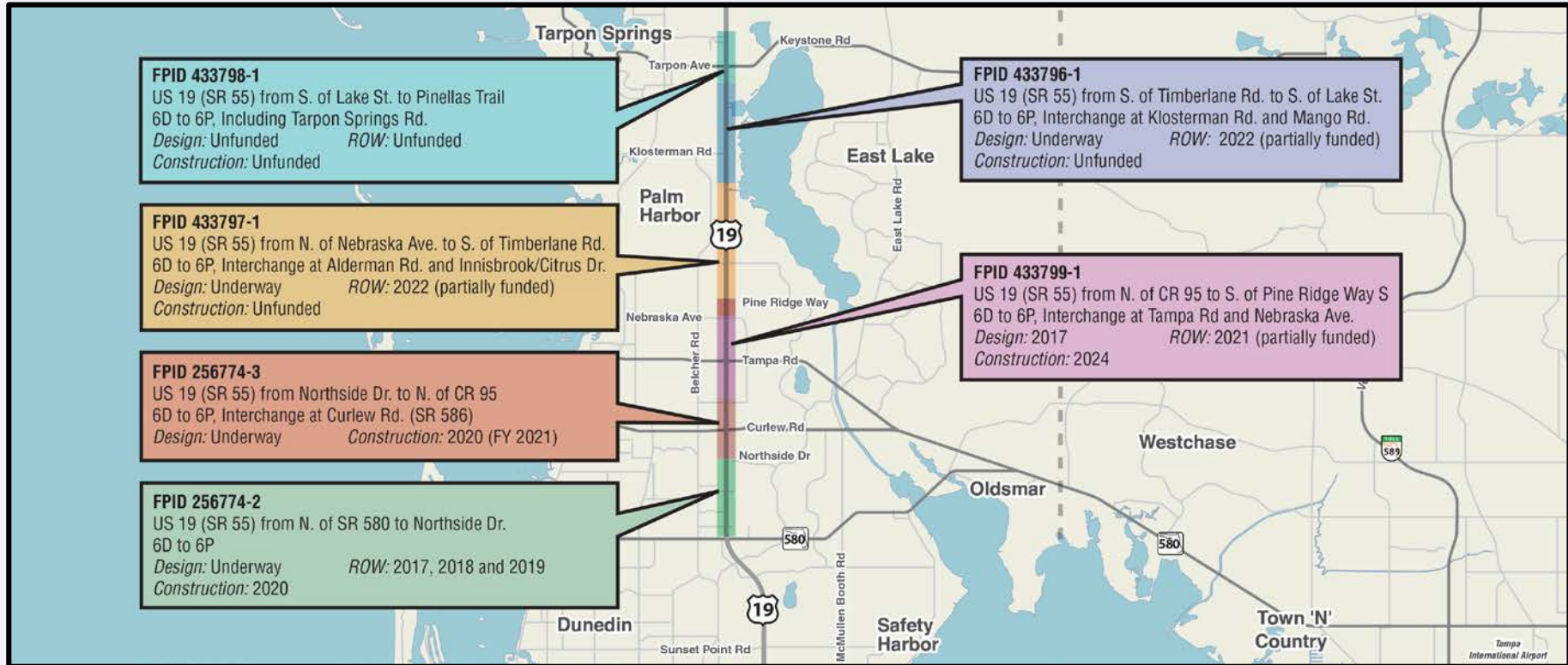
About the Project:

- Widen from 4 lanes to 6 lanes
- Includes shared use path along west side of the road
- Reconstructs intersection of Cobb Rd with concrete

Project Limits: East of I-75 to west of U.S. 301. Construction begins 2019.

East of U.S. 301 to Sumter County Line. Construction is unfunded, but design is underway.

US 19 N Projects





Moving Forward Together



Hillsborough MPO
Metropolitan Planning
for Transportation



FORWARD
PINELLAS





Craig Casper

**Pasco County Metropolitan Planning
Organization**





Pasco County MPO

Transportation: With an emphasis on collaborating with local agencies.



SR 54 Wesley Chapel





What is an “MPO/TMA”?

- A federally mandated forum to :
- Facilitate collaboration;
 - Board of Directors made up of local elected officials.
 - Create a shared vision and goals for the transportation system.
 - Allocate transportation funds to meet these goals.

We set out to serve
our customers



20-year Transportation Plan

A forum to :

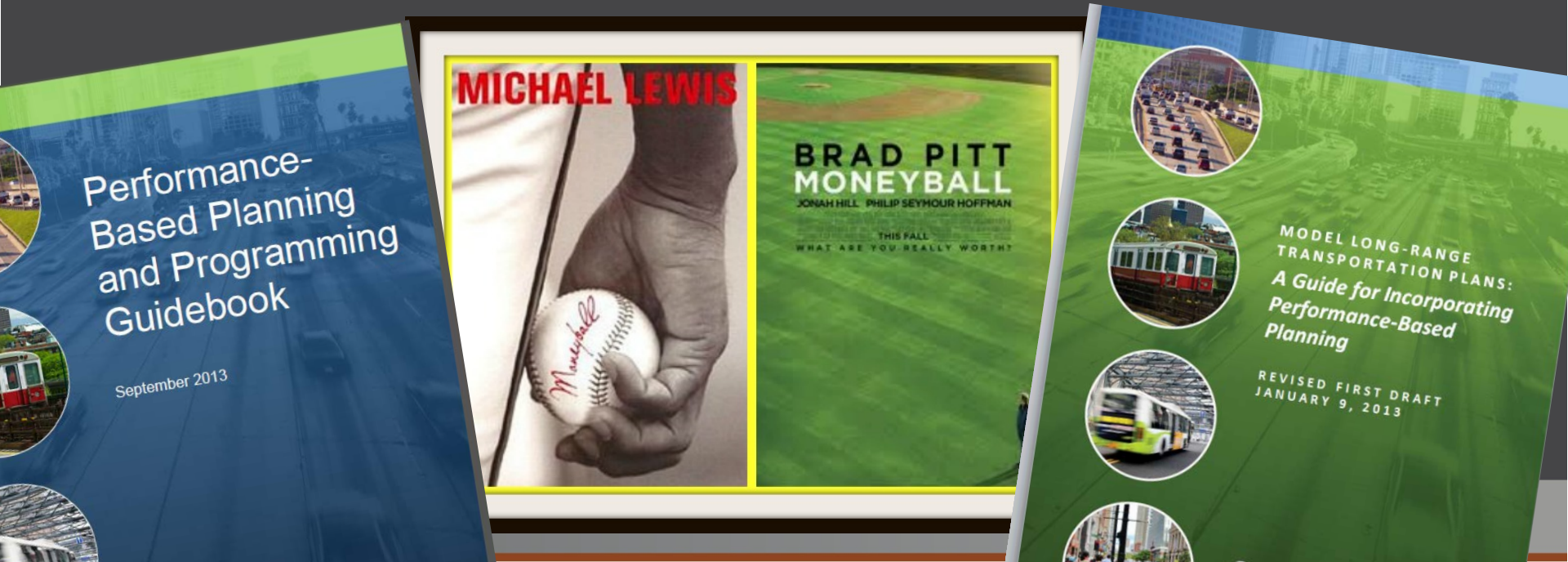
- Create a shared vision for the future.
- Plan across and between local entities and agencies;
- Look at the transportation system as a whole.
- There are both state and federal requirements for the plan from the FAST Act



What is the “FAST Act”?

Fixing America’s Surface Transportation

- Newest federal transportation authorization.
- Requires use of performance metrics.



How do the state, regional, and local plans fit together?





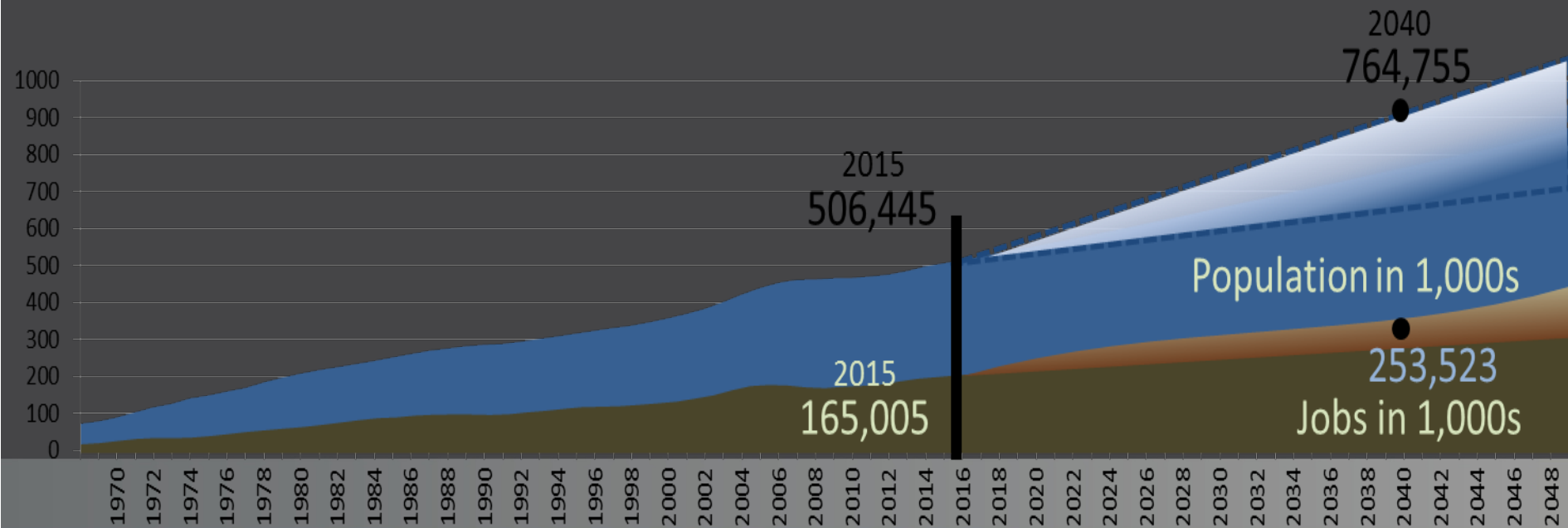
Traffic Volumes

Population and Jobs

Maintenance Needs

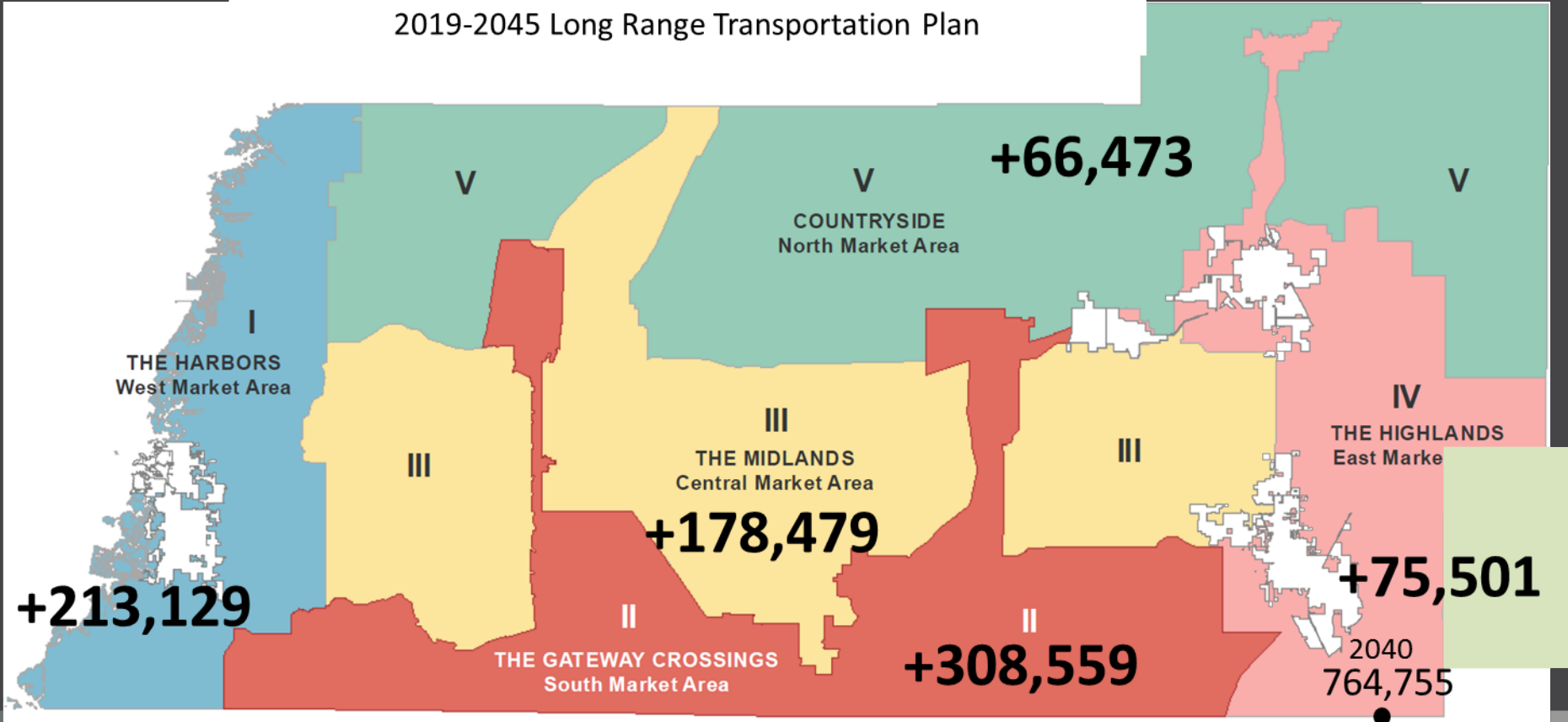
Crashes

Forecast not just number, but location.

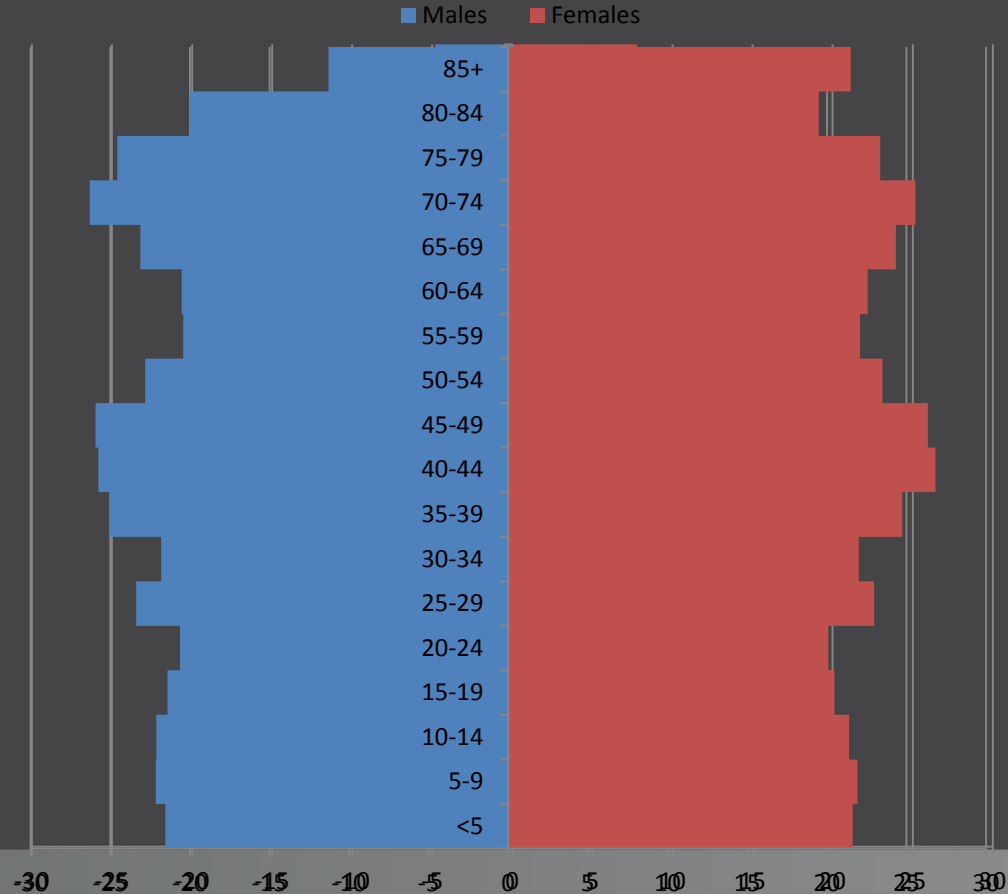


PASCO COUNTY GROWTH PERSPECTIVES

2019-2045 Long Range Transportation Plan



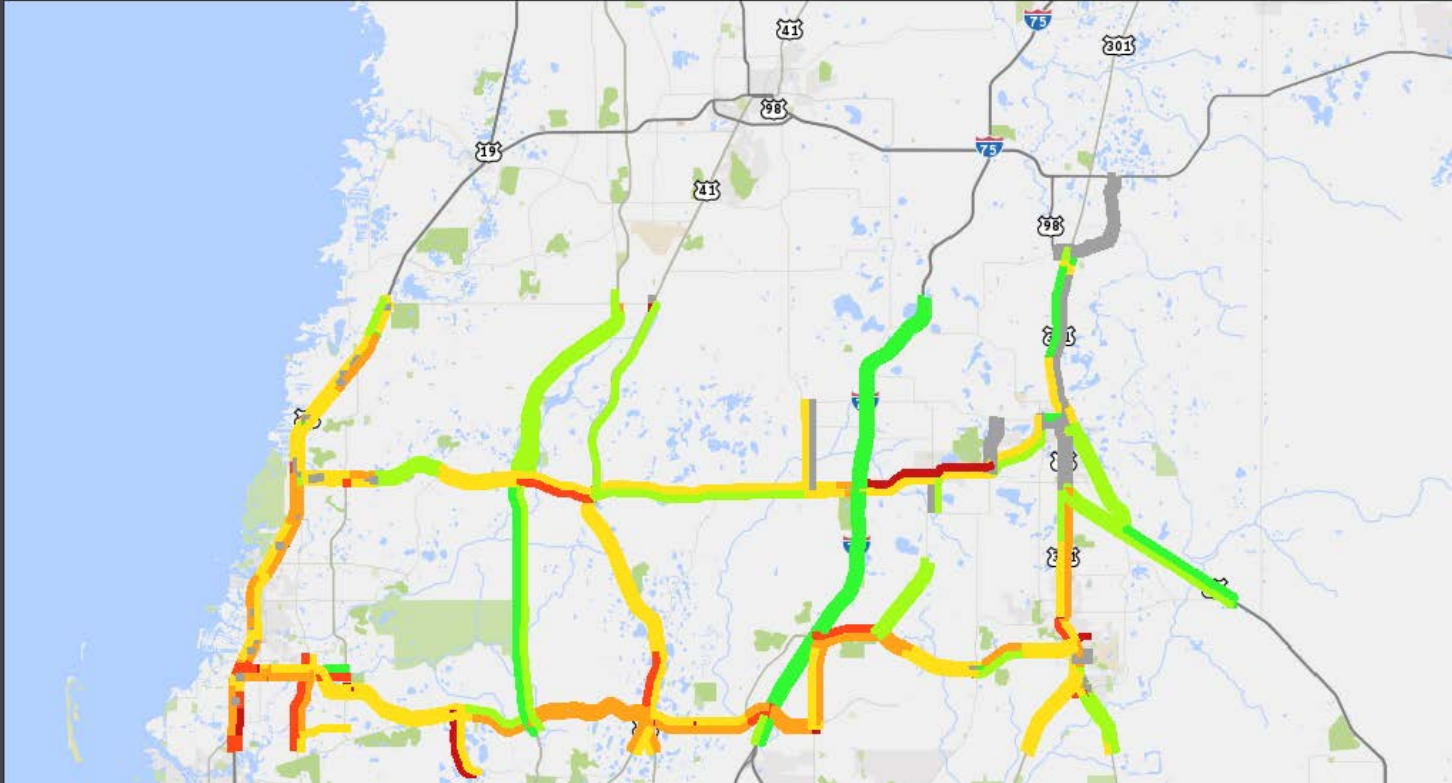
Population and Jobs by Type.



What do we look at?

Pasco, Florida (437 TMCs) using NPMRDS (Trucks and passenger vehicles) data

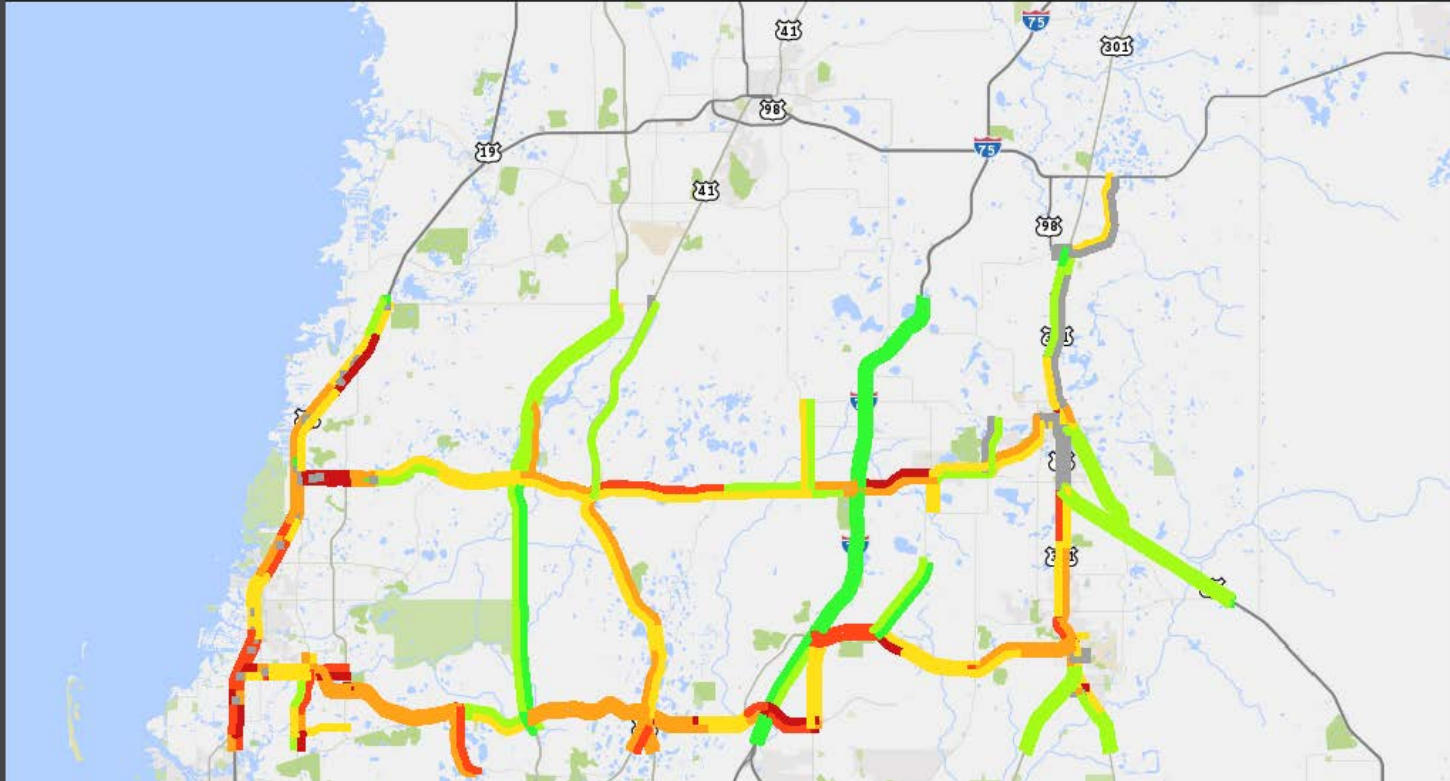
7:45 AM - July 04, 2017 through July 25, 2017 (every Tue)



What do we look at?

Pasco, Florida (437 TMCs) using NPMRDS (Trucks and passenger vehicles) data

5:00 PM - July 04, 2017 through July 25, 2017 (every Tue)



Individual Projects



Elevated Express Lanes At Major Intersections
Express Lanes On the Ground for Remainder
Bus Service in Express Lanes

VISION 54/56 MOBILITY 2040 MPO

US 41 Remaining Survey Results

Alternative Number	Ranked 1 st	Ranked 2 nd	Ranked 3 rd	Ranked 4 th	Ranked 5 th	Response Count	Weighted Score
	Votes	Weight	Votes	Weight	Votes	Weight	
1	1	1					
2							
3							
4							
5							
6			0	0	0	3	11
7			0	0	0		
8			0	0	0		
9			0	0	0		
10			0	0	0		
11			0	1	1	2	8
12			0	2	2		
13			0	2	2	4	
14			0	0	2	2	
15			0	0	0	0	
16			8				
17				49			

What trends will shape what Tampa Bay looks like in 2045?



**Autonomous
Vehicles**



**Spatial, Racial
and Economic
Equity**



**Climate
Change
Regulations**



**Aging of the
Population**



**Transportation
Finance
Structure**



**Water
Supply**



**Intelligent
Infrastructure
& Technology**

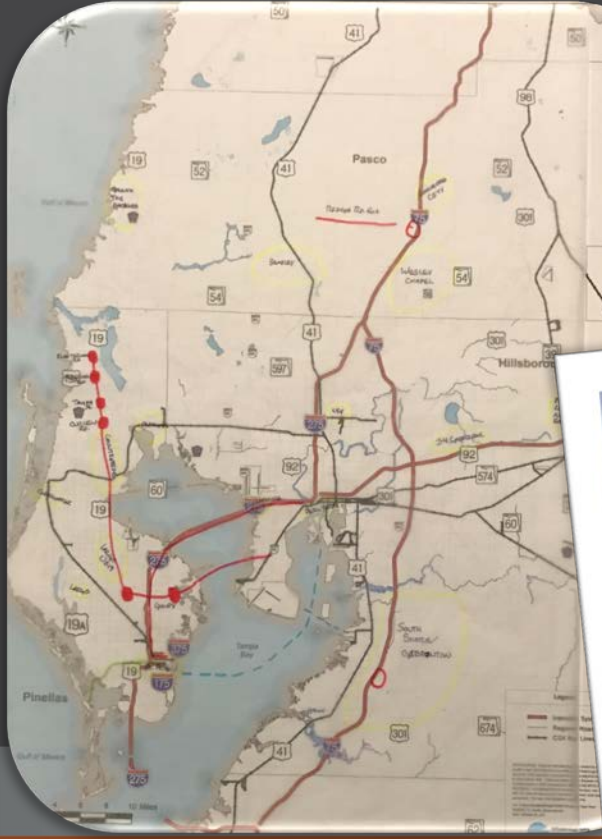


**Ridehailing
Services**



**Port
Traffic**

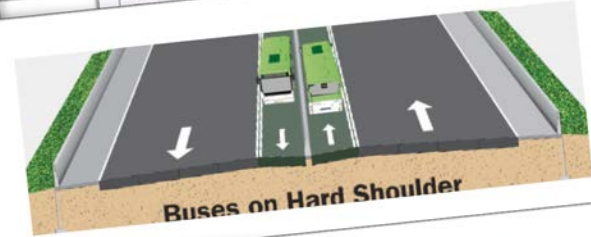
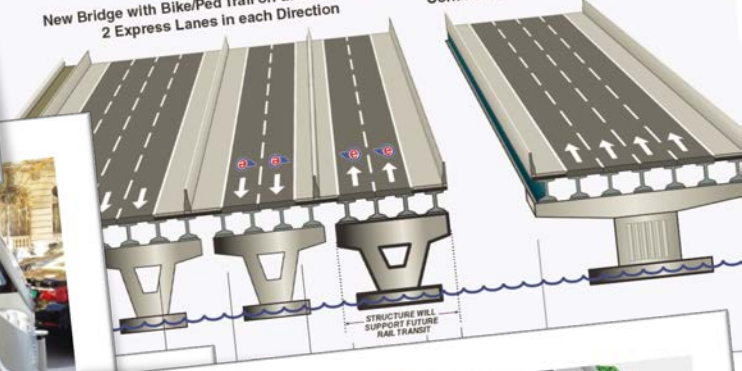
Trend + Technology



This Is What We Are Proposing to Build In 2020.

New Bridge with Bike/Ped Trail on the Outside and 2 Express Lanes in each Direction

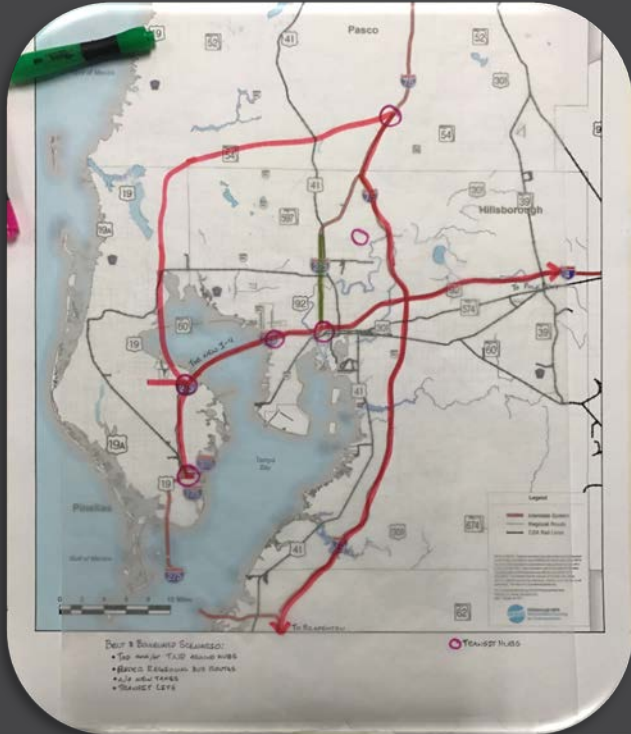
Existing Southbound Converts to Northbound



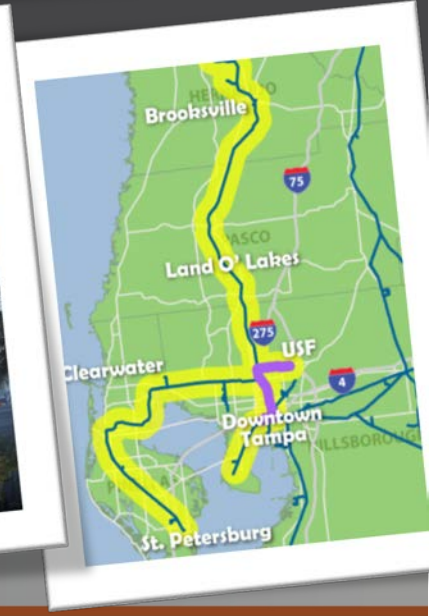
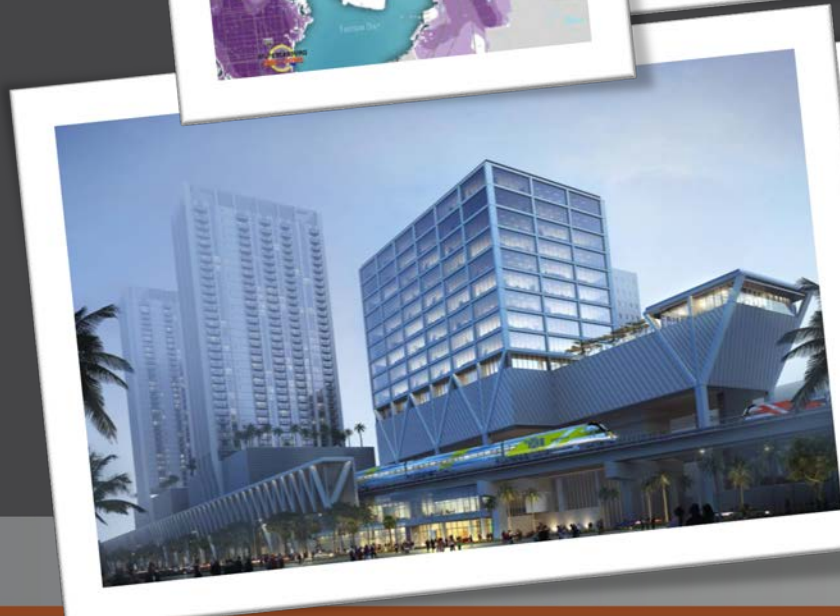
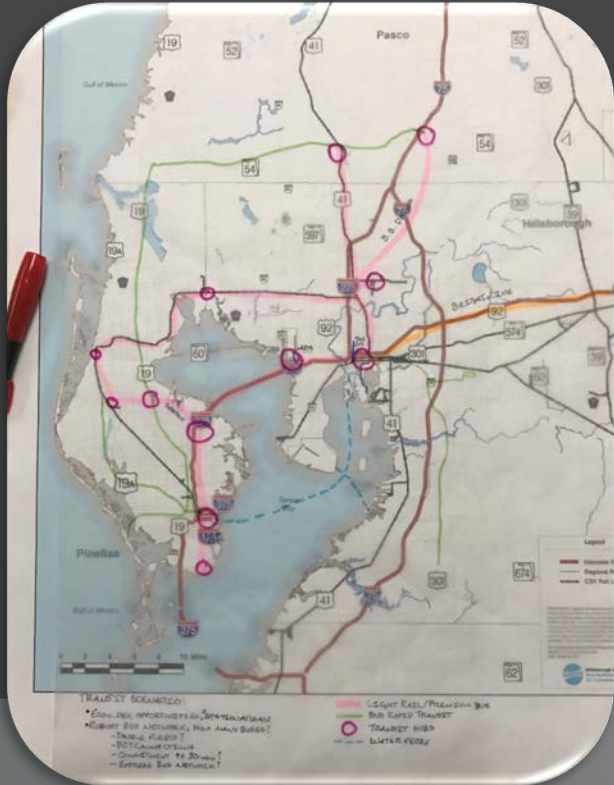
FOX 5 #fox5atl 9-55-19 RAMP METERS HELP TO UNCLOG HIGHWAYS LEADING TO INTERSTATES



Belt & Boulevard



Transit Oriented Development





Regional Transit Feasibility Plan

A ROUTE MAP TO IMPLEMENTATION

1

What is the project to be built?



**Regional Transit
Feasibility Plan**
A ROUTE MAP TO IMPLEMENTATION

(Emphasis of the Regional
Transit Feasibility Plan)

2

How is it funded?

3

Who is responsible for building and
maintaining it?

Traveling to Our Regional Centers in 2040...

Source: Adopted MPO Long Range Transportation Plans (Hillsborough, Pasco, and Pinellas)



51%

More Miles Traveled

Cost Feasible in Long Range Plans



219%

Increase in Delay Due to Congestion

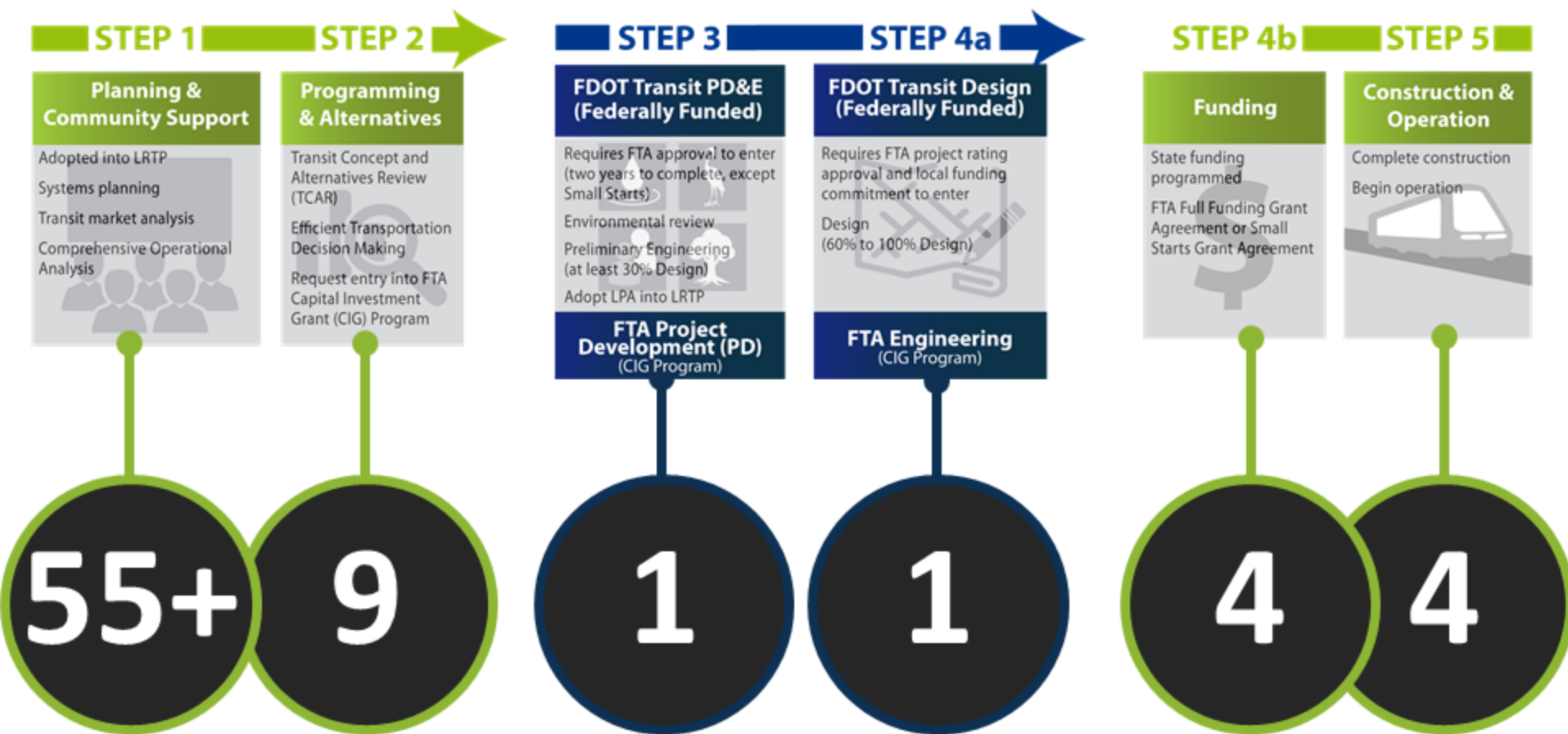
Cost Feasible in Long Range Plans



19%

More Miles of New Lanes

Cost Feasible in Long Range Plans

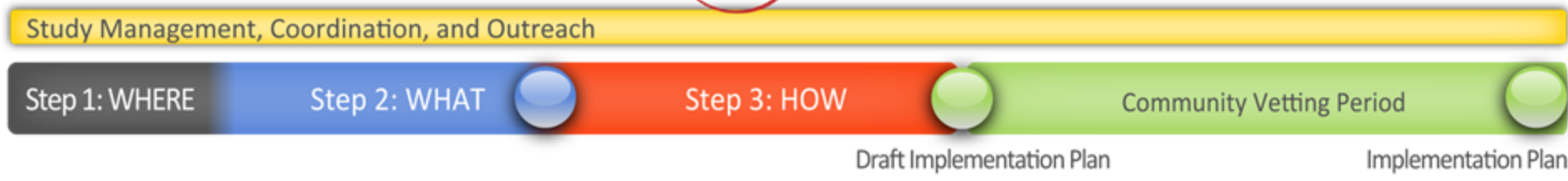
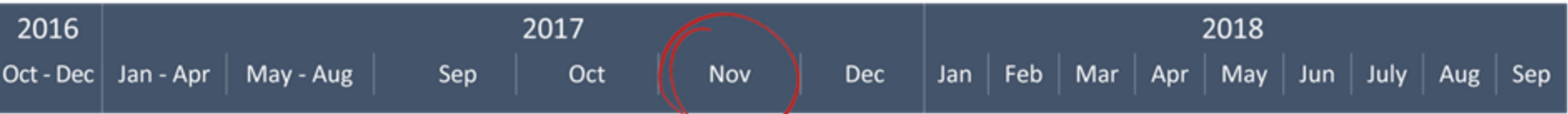


Number of Projects Over the Past 30+ Years in Tampa Bay



Purpose of the Plan

- ✓ Projects that have the greatest potential to be funded (compete for state and federal grants) and implemented
- ✓ Projects that are the most forward thinking and make the best use of today's technology
- ✓ Projects that best serve our region today while supporting tomorrow's growth



- 90+** Presentations/meetings
- 1,280+** Participants
- 7,000+** Website visits
- 500+** Social media posts
- 18+** New Articles
- 465+** Comments Received

WHAT WE'VE HEARD

"Rail has left the station, focus on rubber tire"

"Stop talking, start building"

"Autonomous vehicles are a no brainer"

"Focus on land use and economic growth"

"Need frequent rail transit"

"Use CSX"

"Need a connection to the airport"

STEP 1:

**WHERE ARE THE TOP
PERFORMING
CONNECTIONS?**

STEP 2:

**WHAT ARE THE BEST
PROJECTS?**

STEP 3:

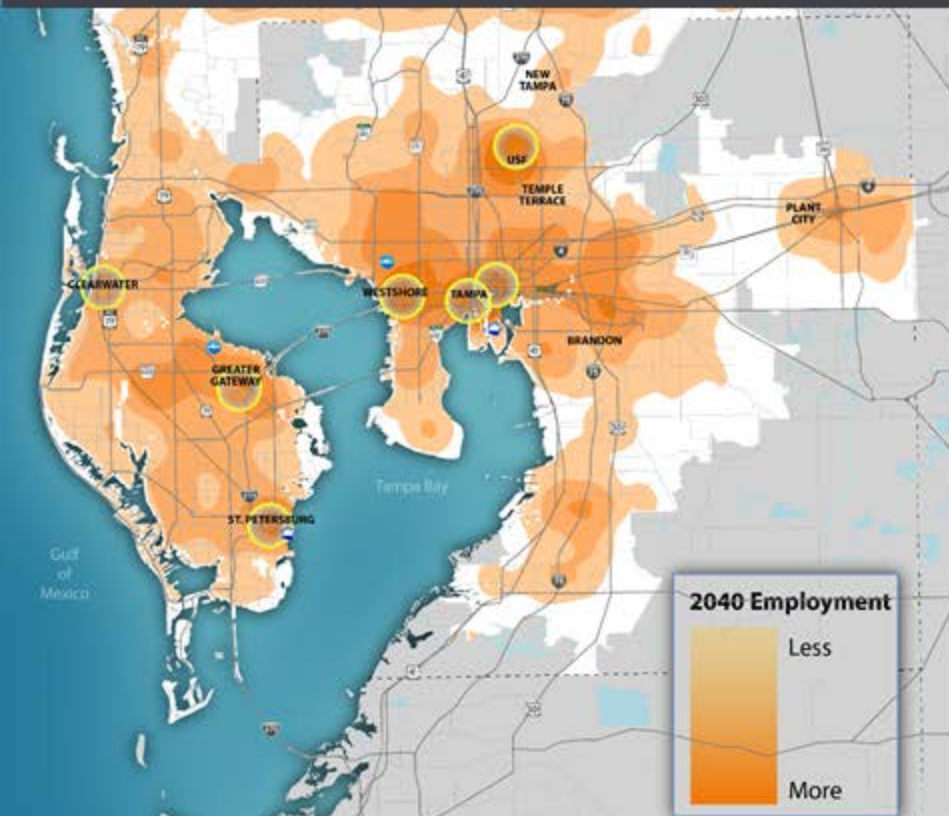
**HOW AND WHEN ARE
PROJECTS BUILT?**

Purpose of the Plan

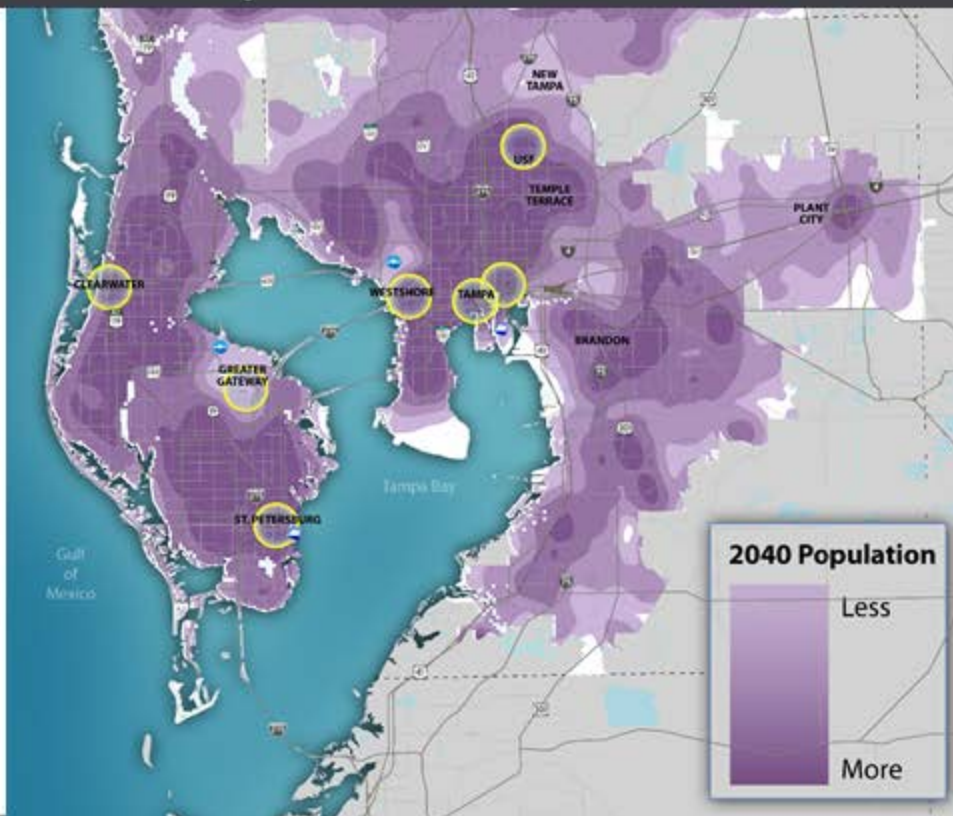


Projects that best serve our region today while supporting tomorrow's growth

Job Centers

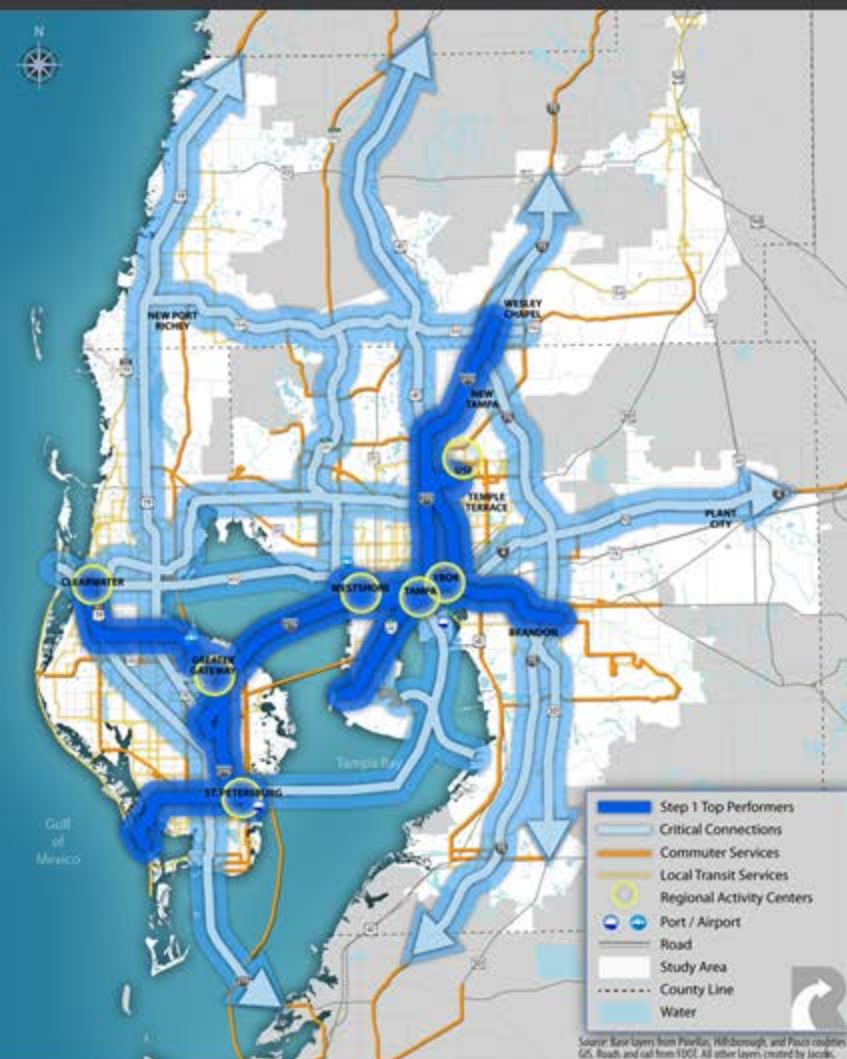


Population Centers



REGIONAL TRANSIT VISION

THE **TOP PERFORMERS** AND CRITICAL REGIONAL CONNECTIONS WOULD SERVE THE FOLLOWING WITHIN ½ MILE OF EACH CONNECTION BY 2040



SERVES APPROX.
6 IN 10
JOBS (2040)

SERVES APPROX.
5 IN 10
RESIDENTS (2040)



SERVES APPROX. **2,100**
JOBS PER MILE (2040)

SERVES APPROX. **3,000**
RESIDENTS PER MILE (2040)



SERVES APPROX.
6 IN 10
RESIDENTS WITHOUT CARS
(2040)

Source: Base layers from Pinellas, Hillsborough, and Pasco counties GIS. Roads and rail from TIGER. All other layers created by Jacobs.

CHOOSING MODES

Understanding the travel needs of riders along and near each of the top connections illustrates which modes best serve that need, such as:

- Capacity
- Average Trip Distance
- Type of Work Trips
- Population Characteristics

Ferry and Aerial Propelled Transit



Steel Wheel or Rail Transit



Rubber Tire Rapid Transit



EMERGING AUTONOMOUS SOLUTIONS

NAVYA ARMA SHUTTLE Operating in Switzerland and France



EASYMILE Operating in the Netherlands, Australia, Singapore



MITSUBISHI Delivered to Tampa International Airport



2GETTHERE Operating in Netherlands



STEP 2 “WHAT”: TOP PERFORMING PROJECTS

65+
connections

5
connections

15
projects

3
projects

3
projects

3
projects
in order

PRELIMINARY FTA RATING

Mobility, environmental benefits, congestion relief, cost effectiveness, and land use

RETURN ON INVESTMENT

Annual crash reduction cost, farebox, energy savings, greenhouse gas and air quality, increased revenue compared to annual capital and operating costs

IMPACTS

Utility, noise, natural, and cultural resource impacts

BENEFITS

Serves employment and population growth (2040), elderly, low income, and minority populations

PUBLIC OPINION

Workshops and website survey

Compete for state
and federal grants

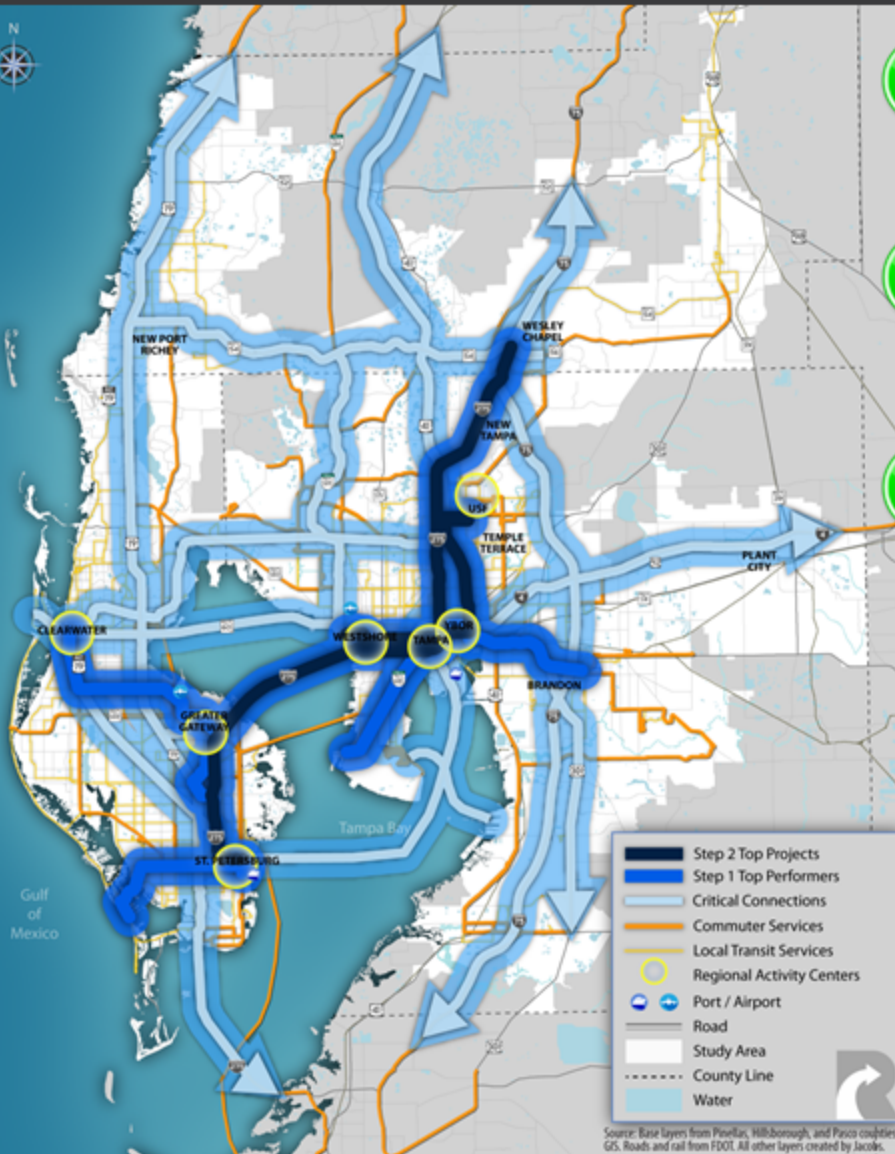
Best serves our region
today while supporting
tomorrow's growth



STEP 2 PROJECTS: PRELIMINARY RANKING

Rank	Connection	Mode
1	(I-275) Wesley Chapel, USF, Tampa, Gateway, St. Petersburg	Light Rail
2	(I-275) Wesley Chapel, USF, Tampa, Gateway, St. Petersburg	Rubber Tire in Exclusive Lane
3	(CSX North) Downtown Tampa to USF	Light Rail
4	(CSX North) Downtown Tampa to USF	Rubber Tire in Exclusive Lane
5	(I-275) Wesley Chapel, USF, Tampa, Gateway, St. Petersburg	Commuter Rail
5	(CSX North) Downtown Tampa to USF	Commuter Rail
7	Westshore to Brandon	Rubber Tire in Exclusive Lane
7	Westshore to Brandon	Light Rail
9	(I-275) Wesley Chapel, USF, Tampa, Gateway, St. Petersburg	Rubber Tire in Toll Lane
9	(CSX South) South Tampa to Downtown Tampa	Light Rail
11	Clearwater, Gateway, St. Petersburg	Light Rail
12	Clearwater, Gateway, St. Petersburg	Rubber Tire in Exclusive Lane
13	Westshore to Brandon	Commuter Rail
13	(CSX South) South Tampa to Downtown Tampa	Rubber Tire in Exclusive Lane
13	(CSX South) South Tampa to Downtown Tampa	Elevated Rail

STEP 2 RESULTS: TOP PERFORMING PROJECTS



Projects that have the greatest potential to be funded (compete for state and federal grants)



Projects that are the most forward thinking and make the best use of today's technology



Projects that best serve our region today while supporting tomorrow's growth

(I-275) Wesley Chapel, USF, Tampa, Gateway, St. Petersburg

(CSX North) Downtown Tampa to USF

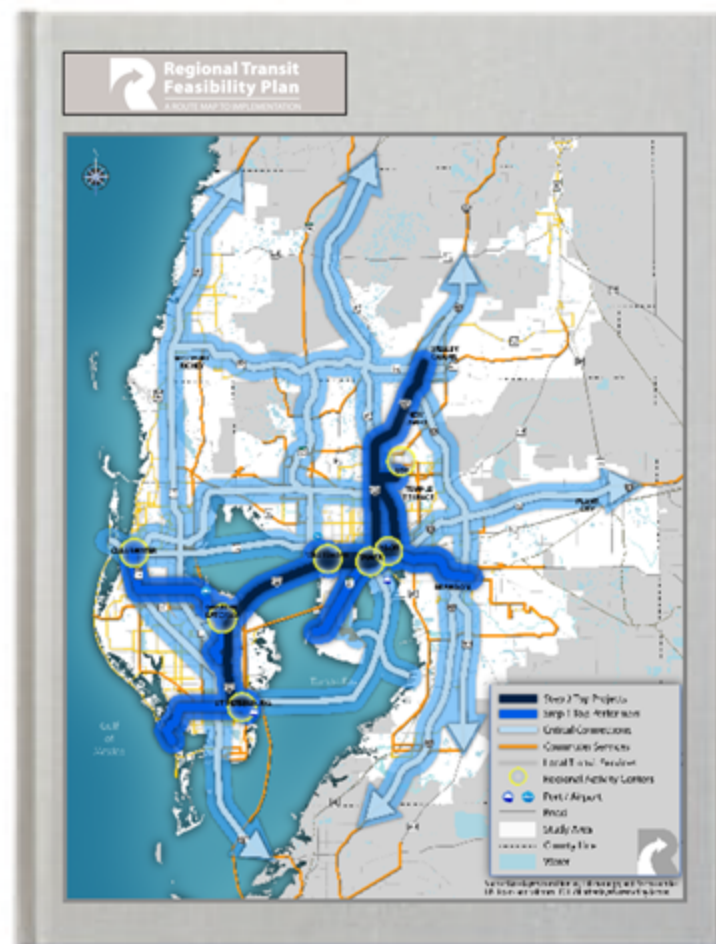
NEXT STEPS: **DRAFT PLAN**

1A

Develop a plan to build each project in the Regional Transit Vision

1B

Provide information needed for entrance of the catalyst project(s) into the federal program





Regional Transit Feasibility Plan

A ROUTE MAP TO IMPLEMENTATION