



CC.

Welcome

Pinellas County Community Working Group October 24, 2017

Tina Fischer

Collaborative Labs

St. Petersburg College







Welcome to those viewing by webinar

LISTENING OPTIONS

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- 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, Forward Pinellas 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, Forward Pinellas, HART and 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.



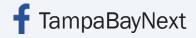




Real Time Record

- 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 (813) 975-NEXT TampaBayNext@dot.state.fl.us















Bill Jones and Ed McKinney FDOT District Seven







Welcome Elected Officials





You Talked. We Listened.

What you said you want to see:

- ► Hub System for Transit
- ► Multimodal Options
- ► Technology Solutions
- Neighborhood Preservation
- Prioritize Safety
- ► Education/Explain Transportation
- ▶ More Online & Recorded Meetings

What we're doing about it:

- Intermodal Center Study
- ► Funding Next Phase of Project Development for RTFP
- ► Formed Tech Team; Working with City and County to Maximize Existing Pavement
- Advanced the Heights Study; Created New Downtown Interchange Concepts
- ► Complete Streets; Working on Improved Road Geometry; Tech Solutions to Enhance Safety
- ► Developed Citizens Transportation Academy
- Utilizing Webinars and Posting Recordings Online









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







Tonight's Topics

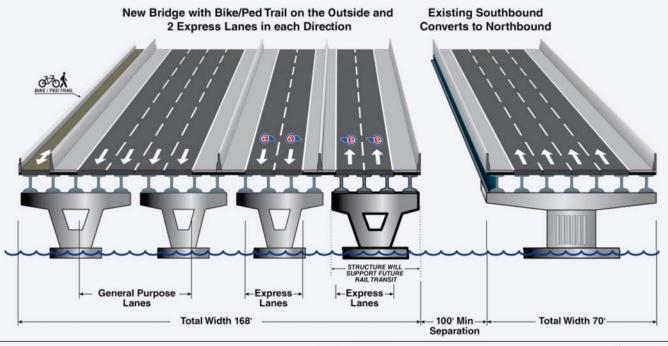
- Howard Frankland Bridge Project
- I-275 Operational Improvements (Westshore side of Howard Frankland Bridge)
- Gateway Expressway
- SEIS Update
- Other Projects
- Central Avenue BRT
- Water Ferry







Howard Frankland Bridge This is what we are proposing to build in 2020.

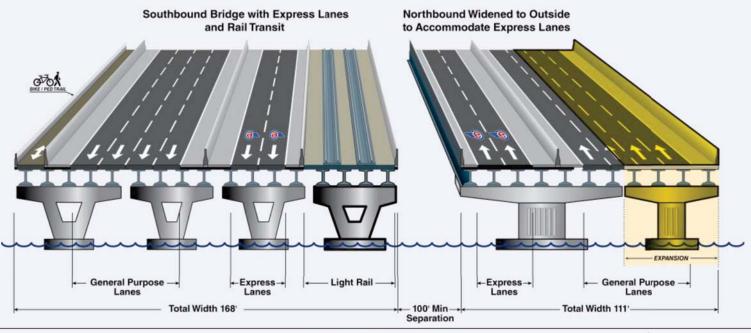








Howard Frankland Bridge This is how we would accommodate rail transit in the future.









New Design Benefits

- ► Improves incident management and hurricane evacuation
- ► Improves operations of Express Bus Service and accommodates future transit
- ▶ Includes bicycle/pedestrian trail
- ► Eliminates the need for a third bridge
- Accommodates future demand
- ► Prepares bridge for **autonomous vehicles**







HOWARD FRANKLAND BRIDGE

Construction Sequence for 2020



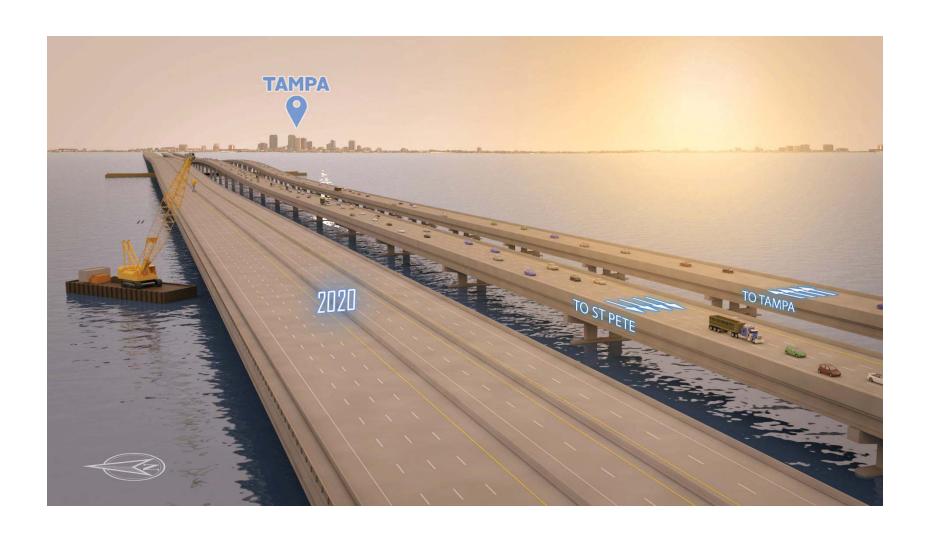


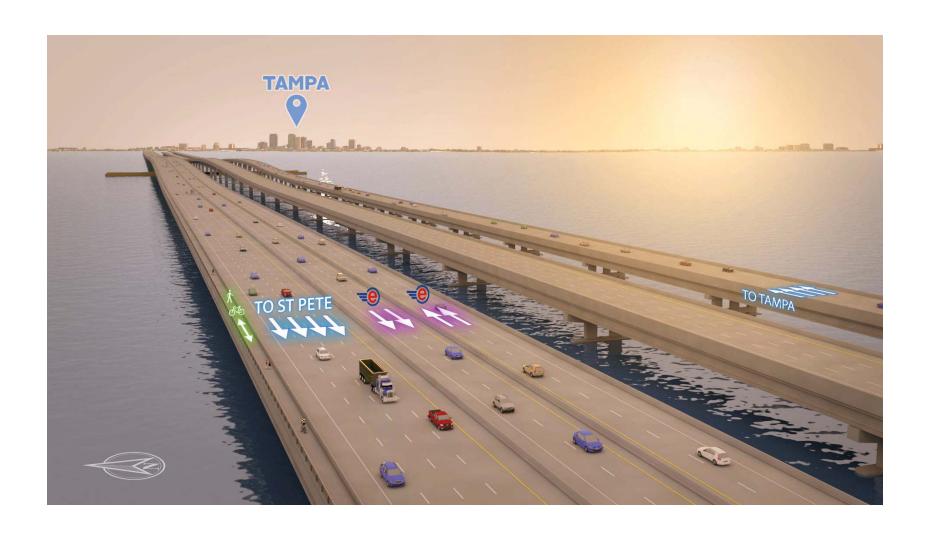


















HOWARD FRANKLAND BRIDGE PUBLIC HEARING

The dates and locations are as follows:

Tuesday, November 14
5:30 p.m. - 7:30 p.m.
Tampa Marriott Westshore
1001 N. Westshore Blvd.
Tampa, FL 33607

Thursday, November 16
5:30 p.m. - 7:30 p.m.
Hilton-St. Pete Carillon Park
950 Lake Carillon Drive
St. Petersburg, FL 33716

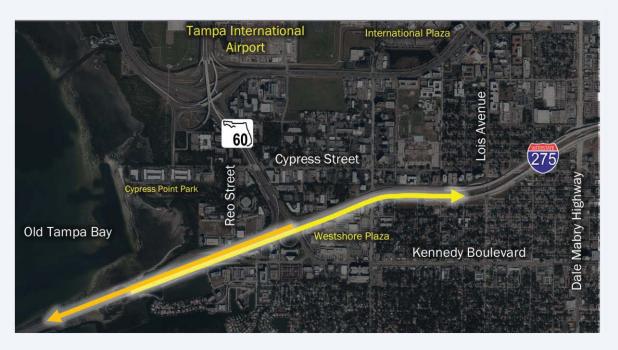








I-275 Operational Improvements



Cost Estimate: \$25M

Construction Dates: 2019-2020

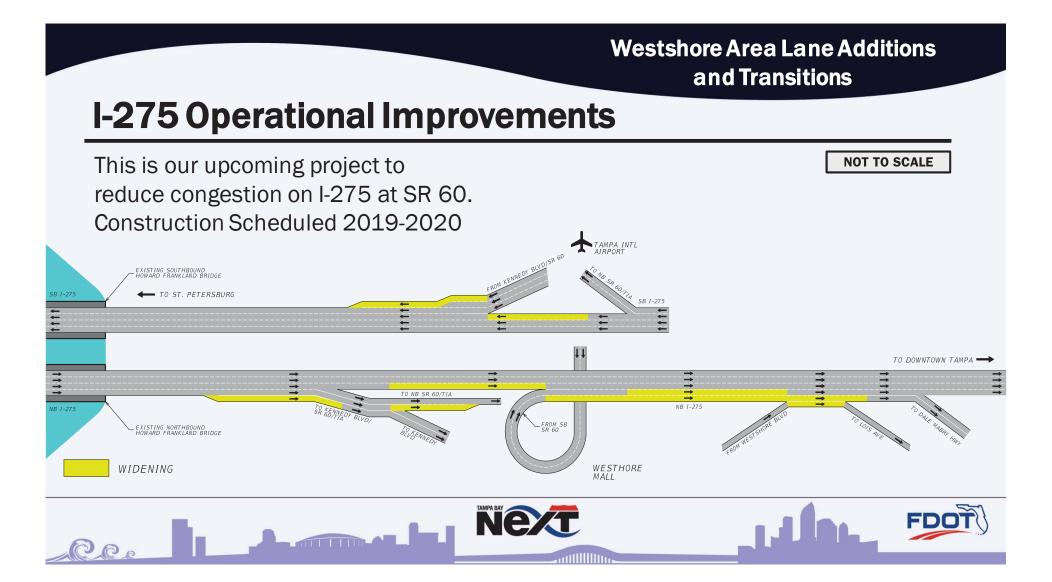
From North of the Howard Frankland Bridge to West of Lois Avenue





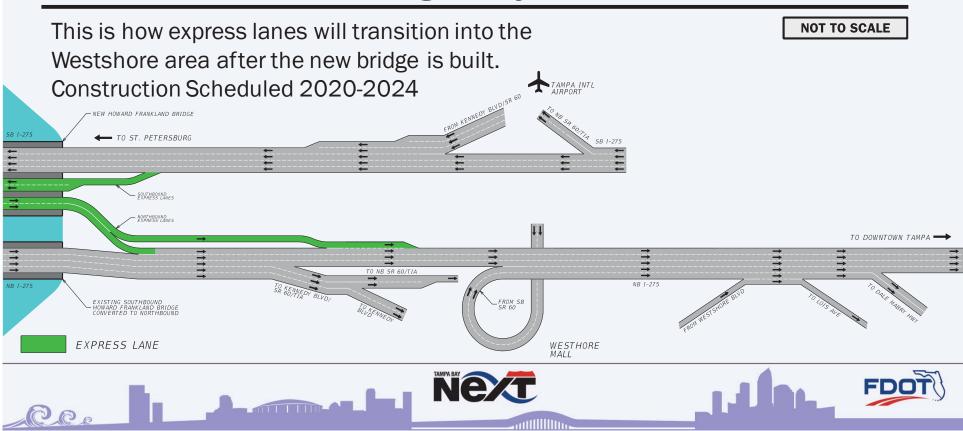






Westshore Area Lane Additions and Transitions

Howard Frankland Bridge Project



Gateway Expressway

Gateway Expressway



Anticipated construction start: Nov. 2017
Anticipated completion: Late 2021
Estimated Cost: \$545 million

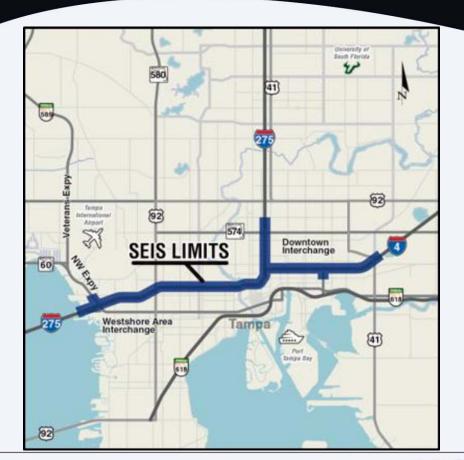












Supplemental Environmental Impact Statement (SEIS)

Public Workshop Held October 9th & 10th

Documents available at TampaBayNext.com

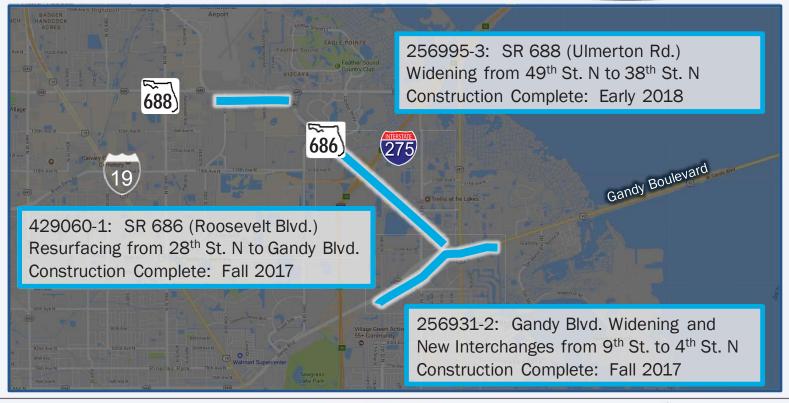
Comments can be submitted online, in-person, or by mail through October 31st.







Other Projects



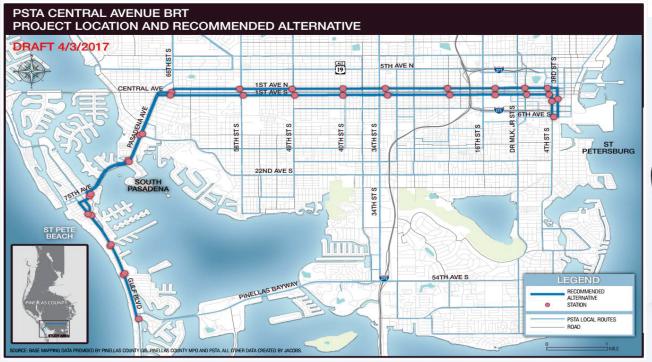








Central Avenue BRT











Central Avenue BRT



A Business Access and Transit, or BAT, lane is dedicated to BRT but vehicles can use the lane when making turns



Where will the BAT lanes be located?

The recommended alternative has BAT lanes on 1ST AVENUE NORTH, 1ST AVENUE SOUTH and PASADENA AVENUE

EUGENE, OR

O.C.







Cross-bay Water Ferry

Transit Service Development Grant

- \$438,000 to the City of St. Petersburg for FY2019
- Competitive annual grant process
- Matches local funds











Moving Forward Together

















Next Steps

Date	Time	Event Name	Location
Tuesday, October 24	5:30 p.m. – 7:30 p.m.	Pinellas County Community Working Group Meeting	Sunken Gardens – Meeting Room 1825 4th Street N., St. Petersburg, FL 33704
Thursday, October 26	5:30 p.m. – 7:30 p.m.	North & West Hillsborough County Community Working Group Meeting	Christian Family Church 3457 W. Kenyon Ave. (Near Busch Blvd., off of Himes Ave.), Tampa, FL 33614
Friday, October 27	12:00 p.m.	Citizen Transportation Academy How Transportation Projects are Funded	Online Webinar (or attend at FDOT) 11201 N. McKinley Dr., Tampa, FL 33612
Thursday, November 2	12:00 p.m.	Citizen Transportation Academy Congestion Management Strategies	Online Webinar (or attend at FDOT) 11201 N. McKinley Dr., Tampa, FL 33612
Tuesday, November 14	5:30 p.m. – 7:30 p.m.	Howard Frankland Bridge Public Hearing	Tampa Marriott Westshore 1001 N. Westshore Blvd., Tampa, FL 33607
Thursday, November 16	5:30 p.m. – 7:30 p.m.	Howard Frankland Bridge Public Hearing	Hilton-St. Pete Carillon Park 950 Lake Carillon Dr., St. Petersburg, FL 33716



WEBINAR COURSES		
September 22	eptember 22 Regional Transportation Roles and Responsibilities	
Note: There will be no s	session on Sept. 29 due to the TMA Leadership Meeting	
October 6	Metropolitan Planning Process	
October 13	Introduction to Transportation Project Development	
Introduction to Transit: Transit Modes and How They Wor		
October 27 How Transportation Projects are Funded		
November 2 Congestion Management Strategies		











2045 Long Range Transportation Plan

Whit Blanton, FAICP Executive Director

he Integration of Land Use and Transportation

It's a new plan!

The Long Range Transportation Plan will be first since merging of Metropolitan Planning Organization and Pinellas Planning Council under Forward Pinellas umbrella

Economic sustainability and resilience central to the new plan

Adapt – Build – Connect

ramework for Regional Long Range Transportation Plan

One Long Range Plan for the Tampa Bay Area – "Three Ring Binder"

Regional

- Regional Element requires Hillsborough, Pasco and Pinellas to agree upon regional investments and revisions to those investments
- Scenarios for the future

Hillsborough

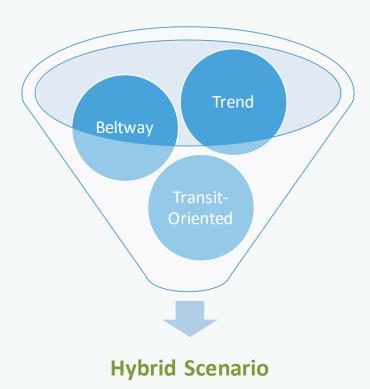
 Local Elements – provides autonomy to local MPOs to set priorities for local projects and supporting policies

Pasco

These local elements may be changed without approval from the full region

Tampa Bay Regional Scenarios

Build 2045 Growth Scenarios

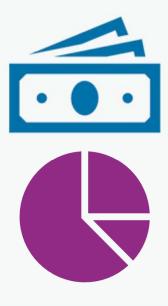


Create Public Survey
Tools





Develop Funding & Cost Sharin Strategies for Hybrid Scenario



pa Bay Next

erstate Modernization



Transit



Bicycle/Pedestrian Facilities



Complete Streets



Transportation Innovation



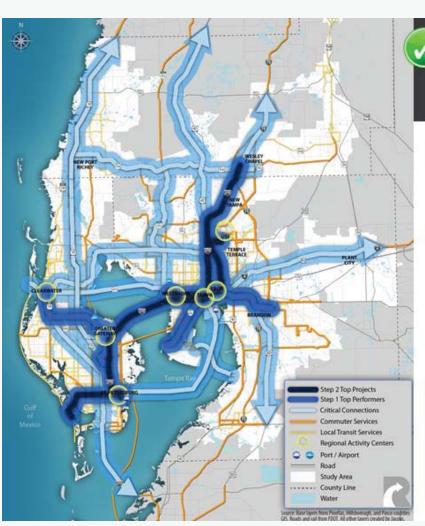
Freight Mobility



gional Transit Feasibility Plan

p Performing Projects

pporting corridors



Projects that have the greatest p be funded (compete for state an grants)

Preliminary Medium FTA

- (I-275) Wesley Ch
 USF, Tampa, Gate
 St. Petersburg
- (CSX North) Dowr Tampa to USF



Adapt Means ...

Responding to a shifting economic market

Planning for changing demographics

Recognizing vulnerability to environmental factors

Embracing technology

Understanding a changing policy environment



Build Means ...

Guiding planned growth to right locations

Building community and building capacity

Building trust in the process through greater transparency

Building connected networks



Connect Means ...

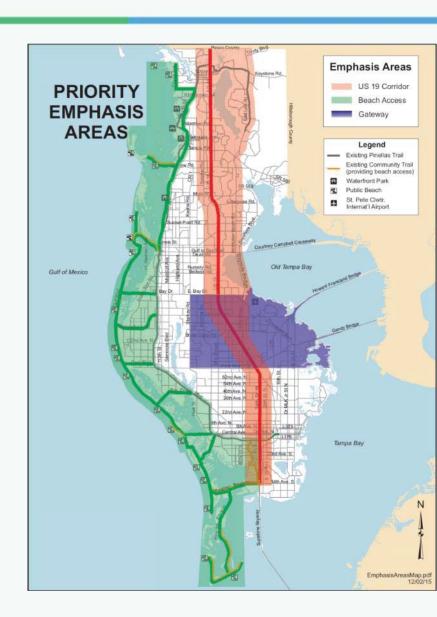
- Work as one region to unite our communities and districts through transportation
- Strengthen our transportation networks for all modes to provide real choices
- Reinforce a sense of identity and attachment to place
- Provide avenues for productive and meaningful dialogue



Pinellas SPOTlight Initiative

Strategic emphasis topics that feed directly into the Long Range Plan

- Economic analyses
- Land use visioning
- Evaluation of access to transit
- Identification of key transportation investments
- Application of Complete Streets principles



he 2045 Long Range Transportation Plan

Advances transportation projects that support the countywide land use vision

- Projects future growth and travel trends
- Sets transportation funding priorities
- Defines a policy framework



(ey Objectives for the LRTP

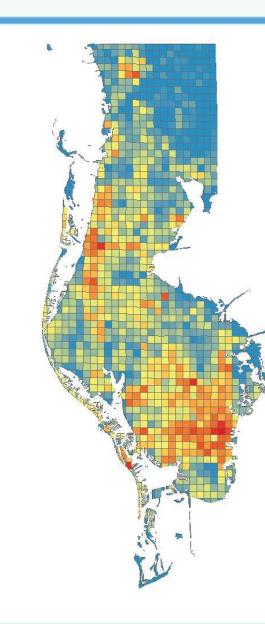
One integrated plan that addresses corridor modal priorities and strategies

- PSTA Community Bus Plan
- Bicycle and Pedestrian Master Plan
- Complete Streets screening and selection
- Intelligent Transportation Systems

Role of emerging technology on plan outcomes

Resilience strategy for land development and infrastructure

Funding strategy for transit investment



Phase I Data Development

Socioeconomic Data
Countywide Trends &

Develop Measures of Effectiveness

Conditions

Corridor Screening

Cultivate Contacts

Community Outreach

Market Research

Focus Group: Issues

Phase II Scenario Evaluation

Develop Scenarios

Define Transportation Alternatives

Evaluate Impacts

Build Vision Consensus Focus Group: Needs Phase III
Fiscal Priorities

Identify Revenues

Prioritize Investments

Match Revenues with Priorities

Priorities Workshops
Local Gov't Alignment
Focus Group: Priorities

Phase IV
Vision Strategy

Policy Definition

Amendments to
Countywide Land Use
Plan

Plan Adoption

Broad Outreach
Explanation of Plan

Focus Group: Key Messages

Q4 2017- Q3 2018

Q1 2018 - Q4 2018

Q3 2018- Q2 2019

Q2 - Q4 2019

Phase I: Data Development

hrough mid-2018

Project population & employment growth

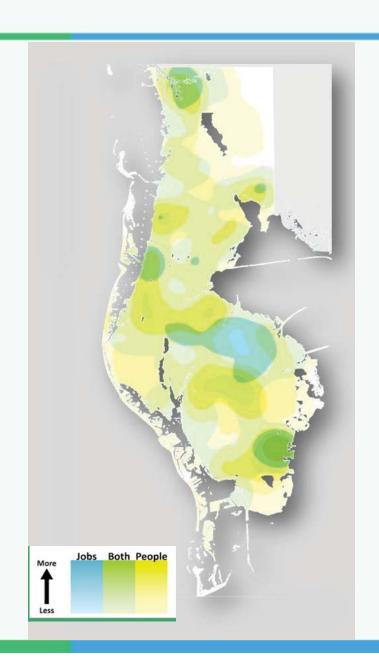
Identify demographic changes

Focus Group 1 – What are the key issues?

Statistically valid survey of the public

Coordination with PSTA

On board survey of transit riders



Phase II: Alternatives Development and Analysis

018

Focus Group #2 – What are our needs and how should we best satisfy them?

Identify and test various scenarios to meet those needs

- Development/Redevelopment
- Transportation Investments
- Impact on Land Use
- Impacts of Technology
- Collaboration with PSTA & regional partners

Complete streets screening

Bicycle/pedestrian master plan





Phase III: Financial Implications and Priorities

ate 2018 – early 2019

Identify revenues available for transportation improvements

Prioritize investments to support the land use vision

Match revenues with priorities – what can we reasonably assume we can fund by 2045?

Focus Group #3 – Did we get it right?







Phase IV: Vision Strategy

June – November 2019

Defining policy & developing messages

Broad and targeted outreach

Explaining the outcomes of the Plan to the public

Garnering support to move forward

Plan adoption





oving Forward Together







Questions / Discussion

wblanton@forwardpinellas.org

727-464-8250





What is the project to be built?



(Emphasis of the Regional Transit Feasibility Plan)



How is it funded?



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)

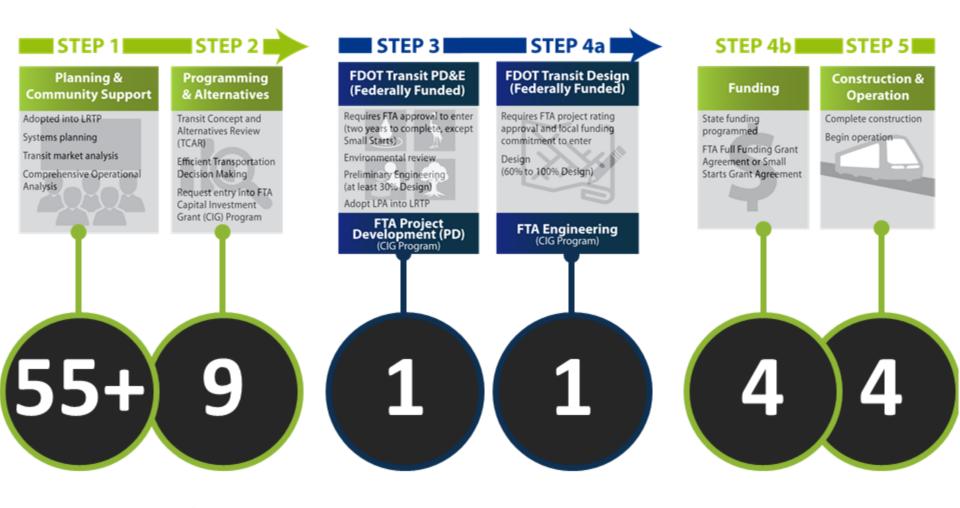






Increase in Delay Due to Congestion

Cost Feasible in Long Range Plans



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

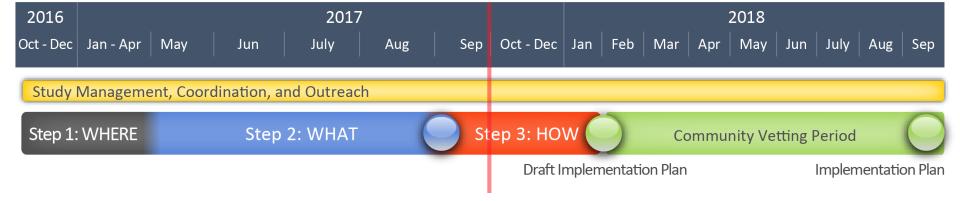




Purpose of the Plan

- 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







WHAT WE'VE HEARD

"Rail has left the are a nous vehicles start building"

"Focus on land use and economic growth"

"Use CSX"

"Need frequent rail
transit"
"Need a comment

"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 have the greatest potential to be funded (compete for federal grants) and implemented

Step One Evaluation Criteria

- Most studied
- Activity centers served
- Trips to activity centers
- Jobs and population per mile
- Resiliency

- Amenities
- Transit Oriented
 Development (TOD)
 policies and
 Community
 Reinvestment Areas
 (CRAs) served

Purpose of the Plan

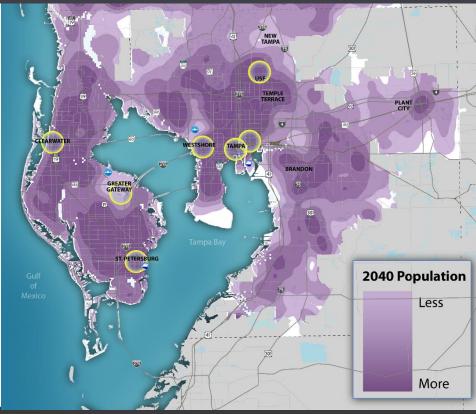


Projects that best serve our region today while supporting tomorrow's growth

Job Centers

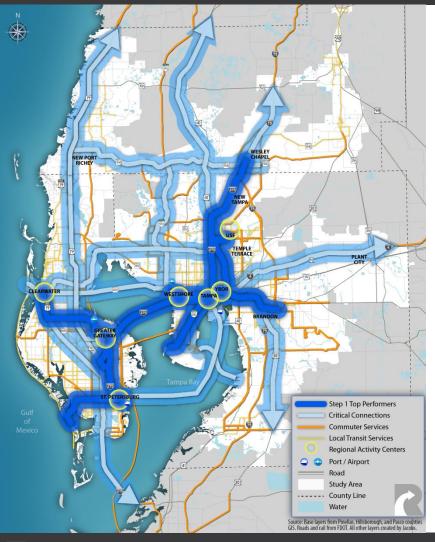
2040 Employment Less More

Population Centers



REGIONAL TRANSIT VISION

THE TOP PERFORMERS AND CRITICAL REGIONAL CONNECTION WOULD SERVE THE FOLLOWING WITHIN 1/2 MILE OF EACH CONNECTION BY 2040





SERVES APPROX. 6 IN **10 JOBS** (2040)

5 IN **10** RESIDENTS (2040)



SERVES APPROX. 2,100

JOBS PER MILE (2040)

SERVES APPROX. 3,000

RESIDENTS PER MILE (2040)





SERVES APPROX.

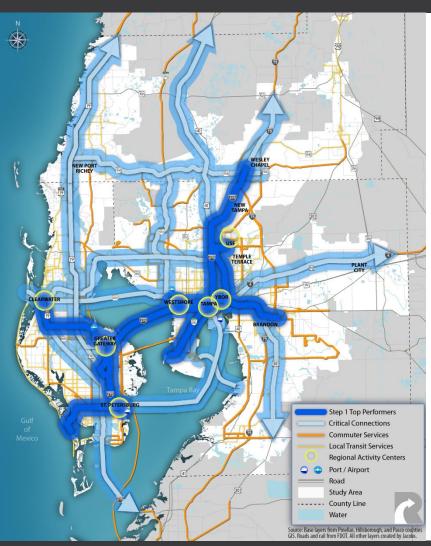
6 IN 10

RESIDENTS WITHOUT CARS

(2040)



REGIONAL TRANSIT VISION

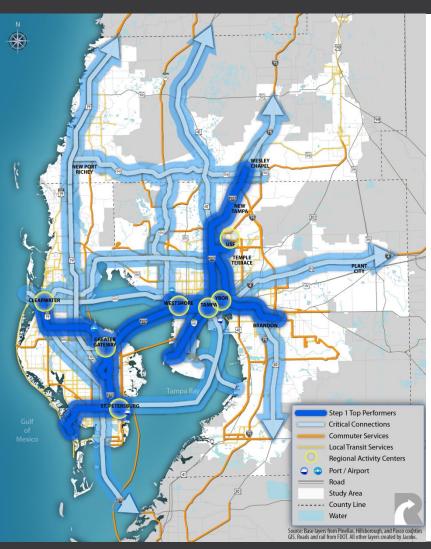


Vision for TampaBay region and for all stakeholders

what about a connection what about a connection what about a and we will be an connection where

"St. Pete to Tampa is where we live and work"

REGIONAL TRANSIT VISION



REGIONAL TRANSIT VISION

Top Performing Connections

Top Performing Projects

Implementation Plan



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







EMERGING AUTONOMOUS SOLUTIONS

- Projects that have the greatest potential to be funded (compete for state & 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



Autonomous Solutions

- Rail
- Rubber Tire



EMERGING AUTONOMOUS SOLUTIONS

NAVYA ARMA SHUTTLE Operating in

Switzerland and France



MITSUBISHI Delivered to Tampa International Airport



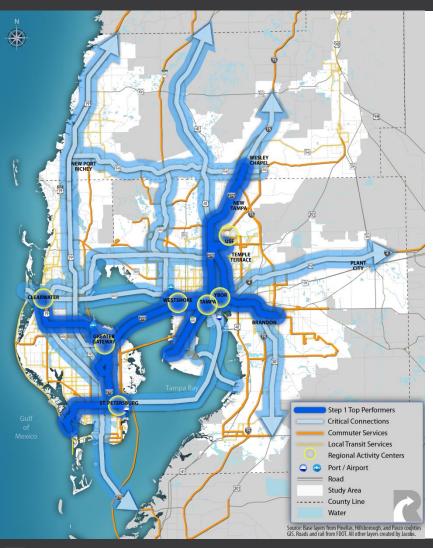
EASYMILE Operating in the Netherlands, Australia, Singapore



2GETTHERE Operating in Netherlands



REGIONAL TRANSIT VISION



REGIONAL TRANSIT VISION

Top Performing Connections

Top Performing Projects

Implementation Plan

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: TECHNICAL RANKING

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

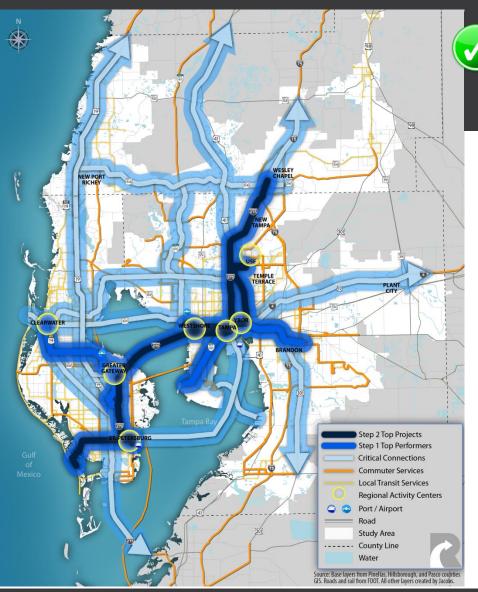


STEP 2 PROJECTS: PRELIMINARY RANKING

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
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STEP 2 RESULTS: TOP PERFORMING PROJECTS

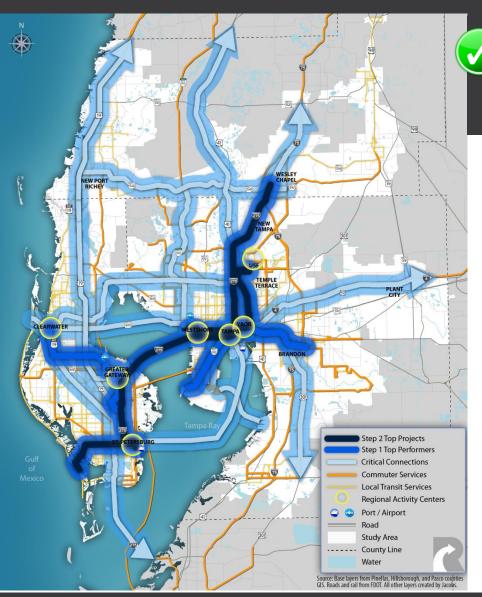


Projects that have the greatest potential to be funded (compete for state and federal grants)

Preliminary Medium FTA Rating:

- (I-275) Wesley Chapel,
 USF, Tampa, Gateway,
 St. Petersburg
- (CSX North) Downtown Tampa to USF

STEP 2 RESULTS: TOP PERFORMING PROJECTS

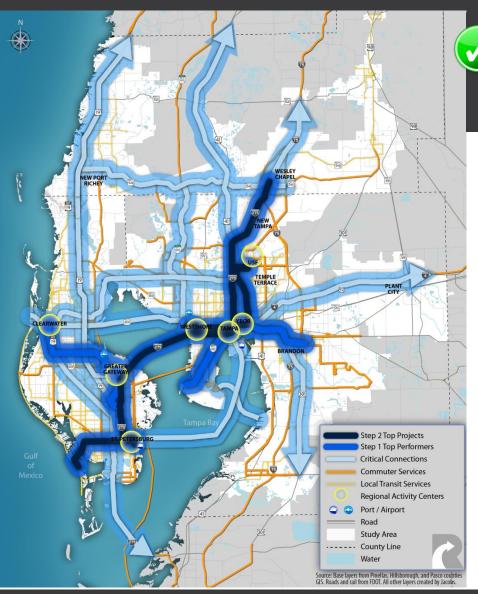


Projects that are the most forward thinking and make the best use of today's technology

Technology:

 All recommendations should consider infrastructure improvements that support autonomy and advanced communication systems

STEP 2 RESULTS: TOP PERFORMING PROJECTS



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

Projects that provide the greatest community benefits:

- Wesley Chapel, USF, Tampa, Gateway, St. Petersburg
- Downtown Tampa to USF

NEXT STEPS



- Alignments
- Value Engineering (revisiting performance)
- Phasing
- Prioritizing for implementation



STEP 2 PROJECTS: PUBLIC OPINION BY COUNTY

Pasco	Cou	ntv
I asco	Cou	IILY

Rank	Connection	Mode
1	(I-275) Wesley Chapel, USF, Tampa, Gateway, St. Petersburg	Rubber Tire in Exclusive Lane
2	(CSX North) Downtown Tampa to USF	Commuter Rail
3	(I-275) Wesley Chapel, USF, Tampa, Gateway, St. Petersburg	Light Rail
3	(I-275) Wesley Chapel, USF, Tampa, Gateway, St. Petersburg	Commuter Rail

Hillsborough County

капк	Connection	Mode
1	(I-275) Wesley Chapel, USF, Tampa, Gateway, St. Petersburg	Light Rail
2	(CSX North) Downtown Tampa to USF	Light Rail
3	(CSX South) South Tampa to Downtown Tampa	Light Rail

Pinellas County

Rank	Connection	Mode
1	(I-275) Wesley Chapel, USF, Tampa, Gateway, St. Petersburg	Light Rail
2	Clearwater, Gateway, St. Petersburg	Light Rail
3	(I-275) Wesley Chapel, USF, Tampa, Gateway, St. Petersburg	Rubber Tire in Exclusive Lane

