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

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

Now on to our presentations
Welcome
Elected Officials
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
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?

Leveraging Technology
Pasco/Hernando Projects
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
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

<table>
<thead>
<tr>
<th>Status</th>
<th>Percentage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing</td>
<td>62%</td>
</tr>
<tr>
<td>Programmed/funded for construction</td>
<td>35%</td>
</tr>
<tr>
<td>Partially funded for pre-construction</td>
<td>3%</td>
</tr>
</tbody>
</table>
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

FPID 433798-1
US 19 (SR 55) from S. of Lake St. to Pinellas Trail
6D to 6P, including Tarpon Springs Rd.
Design: Underway  ROW: Unfunded
Construction: Unfunded

FPID 433797-1
US 19 (SR 55) from N. of Nebraska Ave. to S. of Timberlane Rd.
6D to 6P, Interchange at Alderman Rd. and Innisbrook/Citrus Dr.
Design: Underway  ROW: 2022 (partially funded)
Construction: Unfunded

FPID 256774-3
US 19 (SR 55) from Northside Dr. to N. of CR 95
6D to 6P, Interchange at Curlew Rd. (SR 586)

FPID 256774-2
US 19 (SR 55) from N. of SR 580 to Northside Dr.
6D to 6P
Design: Underway  ROW: 2017, 2018 and 2019
Construction: 2020

FPID 433796-1
US 19 (SR 55) from S. of Timberlane Rd. to S. of Lake St.
6D to 6P, Interchange at Klosterman Rd. and Mango Rd.
Design: Underway  ROW: 2022 (partially funded)
Construction: Unfunded

FPID 433799-1
US 19 (SR 55) from N. of CR 95 to S. of Pine Ridge Way S
6D to 6P, Interchange at Tampa Rd and Nebraska Ave.
Design: 2017  ROW: 2021 (partially funded)
Construction: 2024
Moving Forward Together

Hillsborough MPO
Metropolitan Planning for Transportation

TBARTA
Tampa Bay Area Regional Transit Authority

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

“Someone calling themselves a customer says they want something called service.”
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.
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
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
Transit Oriented Development
Regional Transit Feasibility Plan
A ROUTE MAP TO IMPLEMENTATION
1. What is the project to be built?

(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

- **19%** More Miles of New Lanes
  - Cost Feasible in Long Range Plans

- **219%** 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
<table>
<thead>
<tr>
<th>Month</th>
<th>Events</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nov</td>
<td>90+ Presentations/meetings</td>
</tr>
<tr>
<td>Nov</td>
<td>1,280+ Participants</td>
</tr>
<tr>
<td>Nov</td>
<td>7,000+ Website visits</td>
</tr>
<tr>
<td>Nov</td>
<td>500+ Social media posts</td>
</tr>
<tr>
<td>Nov</td>
<td>18+ New Articles</td>
</tr>
<tr>
<td>Nov</td>
<td>465+ Comments Received</td>
</tr>
</tbody>
</table>

**SCHEDULE AND OUTREACH**

Regional Transit Feasibility Plan
A ROUTE MAP TO IMPLEMENTATION

[www.TRRegionalTransit.com](http://www.TRRegionalTransit.com)
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”

“Use CSX”

“Need frequent rail transit”

“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

EVALUATION PLAN
REGIONAL TRANSIT VISION

The top performers and critical regional connections would serve the following within ½ mile of each connection by 2040:

- **6 in 10 jobs (2040)**
- **5 in 10 residents (2040)**
- **2,100 jobs per mile (2040)**
- **3,000 residents per mile (2040)**
- **6 in 10 residents without cars (2040)**
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

TRANSIT MODES
## Step 2 “What”: Top Performing Projects

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
<th>Evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preliminary FTA Rating</td>
<td>Mobility, environmental benefits, congestion relief, cost effectiveness, and land use</td>
<td>✔</td>
</tr>
<tr>
<td>Return on Investment</td>
<td>Annual crash reduction cost, farebox, energy savings, greenhouse gas and air quality, increased revenue compared to annual capital and operating costs</td>
<td>✔</td>
</tr>
<tr>
<td>Impacts</td>
<td>Utility, noise, natural, and cultural resource impacts</td>
<td>✔</td>
</tr>
<tr>
<td>Benefits</td>
<td>Serves employment and population growth (2040), elderly, low income, and minority populations</td>
<td>✔</td>
</tr>
<tr>
<td>Public Opinion</td>
<td>Workshops and website survey</td>
<td>✔</td>
</tr>
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**Compete for state and federal grants**

**Best serves our region today while supporting tomorrow’s growth**
## STEP 2 PROJECTS: PRELIMINARY RANKING

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

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

STEP 2 PRELIMINARY RESULTS
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