Rail and Transit
Regional Listening Sessions
PURPOSE

Gather input on how rail and transit should function as part of an integrated, statewide and regional transportation system.

Gather input on the roles and responsibilities of FDOT and other partners.

Strengthen collaboration to advance rail and transit priorities.
AGENDA

01 Overview Presentation

02 Rail & Transit System Engagement Stations

03 Roles, Responsibilities & Priorities Discussion

04 Next Steps
DISCUSSION GUIDELINES

Your feedback is important to us

Use Mentimeter platform to respond to poll questions

Fill out comment forms for additional feedback

We are taking notes
59% of Florida’s population growth is concentrated in 10 counties...

Source: Bureau of Economic and Business Research.
TRUCK ACTIVITY WAS 7% HIGHER IN OCTOBER 2021

TRANSIT RIDERSHIP IS 40% LOWER THAN 2019

AIR TRAVEL HAS REMAINED FLAT

Source: Florida Department of Transportation
FLORIDA’S TRANSPORTATION VISION

SAFETY AND SECURITY FOR RESIDENTS, VISITORS AND BUSINESSES

TRANSPORTATION SOLUTIONS THAT ENHANCE FLORIDA’S ENVIRONMENT

AGILE, RESILIENT, AND QUALITY TRANSPORTATION INFRASTRUCTURE

TRANSPORTATION SYSTEMS THAT ENHANCE FLORIDA’S COMMUNITIES

CONNECTED, EFFICIENT, AND RELIABLE MOBILITY FOR PEOPLE AND FREIGHT

TRANSPORTATION SOLUTIONS THAT STRENGTHEN FLORIDA’S ECONOMY

TRANSPORTATION CHOICES THAT IMPROVE ACCESSIBILITY AND EQUITY
MULTIMODAL CONNECTIVITY

Transit

Passenger Rail

Freight Rail
TRANSIT

217.6 Million passenger trips (2019)
INDUSTRY TRENDS

Declining Ridership

New Mobility

Mobility as a Service and Advancing Technologies
POTENTIAL TRANSIT STRATEGIES

Include High-Capacity Premium Transit in Integrated Mobility Corridors

Integrate Technology and Emerging Mobility

Encourage Regionalism

Enhance Access to Activity Centers, Facilities and Services

Encourage Co-location with Other Modes
PASSENGER RAIL

InterCity  Regional  Urban

Providers

- Amtrak
- Amtrak - Sunset Limited Service
- SunRail (CFRC)
- Tri-Rail (SFRC)

Brightline
- In Service
- Proposed Future Concept
- Under Construction

- TECO Streetcar
- JTA Skyway
- Miami Metromover & Metrorail

7.8 Million Rail Passengers (2019)
• FDOT
  o Managing the PD&E Study
  o Environmental analysis of Commuter Rail on FEC Railroad
  o Operational analysis of Commuter Rail on FEC Railroad
  o Aventura to Deerfield Beach (27 miles)
  o Technical Recommendations for Station Locations
  o Alternatives Analysis for the New River Crossing
  o East/west traffic analysis for crossings and stations
  o Incorporate the necessary rail, signaling, safety, communication as well as passenger stations and amenities
  o Maintain eligibility for federal funding
  o Public engagement & stakeholder coordination

• Broward County
  o Stakeholder outreach and consensus building
  o Track access, design/construction and O&M agreements
  o Identify local share of capital costs and annual O&M funds
  o Draft financial plan
From Aventura in Miami-Dade County to Deerfield Beach in Broward County
- 27 Miles along the FEC Railroad
- Technical recommendations have been made for six station locations in Broward County
  - Deerfield Beach (south of Hillsboro Blvd.)
  - Pompano Beach (north of Atlantic Blvd.)
  - Oakland Park (north of Oakland Park Blvd.)
  - Ft. Lauderdale (Downtown Brightline Station)
  - Airport Station (joint station with Brightline)
  - Hollywood (north of Hollywood Blvd.)
- 4 Alternatives under consideration to cross the New River
- BCR will continue commuter rail connecting Miami Dade County’s Northeast Corridor Project (SMART PLAN) – Starting at Aventura
- Palm Beach County is expected to conduct a study in the future to extend service to Jupiter. The three potential projects stemmed from the Coastal Link Study.
ECONOMIC & RESIDENTIAL GROWTH

- Transit Oriented Development (TOD)
  - Increased business investment
  - Affordable housing incentives
- Mixed land uses to support the increase in residential and business development

ENHANCE QUALITY OF LIFE

- Increased mobility and transportation choices
- Greater access to employment, education, and essential services

TRANSIT INCENTIVES TO THE PUBLIC

- Reduce travel times and automobile dependence
- Save money on gas, parking, and car maintenance/repairs

ENVIRONMENTAL

- Cleaner air by reducing traffic congestion (reduced vehicle emissions)

COMMUTER RAIL BENEFITS EMPLOYERS

- Access to a wider pool of talent
- Dependable and reliable transit service may boost and enhance productivity
Shared-use corridor with FEC freight trains and intercity passenger trains

Florida East Coast Railway, L.L.C. owns the FECR right of way and operates freight service

Brightline operates inter-city passenger rail trains via a passenger easement in the corridor
Typical Commuter Rail Platform

Commuter Type Station (note platform adjacent to mainline track)
BCR will most likely have sidings

- Approx. 17-foot width
- Approx. 500-foot length to accommodate train sets of 3-4 cars
- Additional tracks/sidings required per FECR to avoid freight running adjacent to platforms
- Pedestrian bridges are not anticipated but would be evaluated
Potential Station Locations
Technical Recommendations for Stations
Next Steps

- Preliminary Engineering
- Alternative's evaluation to enhance, avoid, minimize, or mitigate potential environmental impacts
- Coordination with stakeholders, federal, state, and local agencies
- Engage the public in the alternative's evaluation process
- Recommendation of a Locally Preferred Alternative that satisfies the Federal Transit Administration NEPA* process with evaluation of the following:
  - Cost Feasibility
  - Engineering
  - Environmental/Social
  - Public Involvement
- *NEPA: National Environmental Policy Act

- Extended outreach to interested parties (Spring 2022)
- Broward County Commission Decision/Direction for an LPA (May/June 2022)
- Entry to FTA Project Development (Summer/Fall 2022)
- Public Hearing – Spring 2023
- Broward Metropolitan Planning Organization Adopts LPA – Spring 2023
- Location and Design Concept Acceptance (PD&E Study Approval) Summer 2023
Overview of Project

The Northeast Corridor (NE Corridor) study is being led by Miami-Dade County Department of Transportation and Public Works, extending from Downtown Miami to the City of Aventura along the existing Florida East Coast (FEC) railway for an approximate length of 14.5 miles.

• PD&E by Miami-Dade Department of Transportation & Public Works (DTPW)
• Land Use & Visioning by the Miami-Dade TPO

For more information on this project, please go to www.miamidadetpo.org/smartplan.asp and click on the Northeast Corridor updates/links.
POTENTIAL PASSENGER RAIL STRATEGIES

- Create Intercity Hybrid Model
- Preserve Corridors
- Lead Regional Efforts
- Ensure Regional/Local Funding Mechanisms
- Assistance to Local Partners
- Balance Needs of All Users
FREIGHT RAIL

Partners:
- CSX
- Florida East Coast Railway
- Norfolk Southern

Class I: CSX TRANSPORTATION, INC.
Class II: NORFOLK SOUTHERN CORPORATION
Class III: FLORIDA EAST COAST RAILROAD

78 Million tons (2019)
INDUSTRY TRENDS

Partnership with Passenger Rail

Industry Consolidation

Technology / Decarbonization
POTENTIAL FREIGHT RAIL STRATEGIES

Safety  Liability  Capacity  Funding  New Rail Access  Economic Development
RAIL & TRANSIT
STATION ACTIVITIES
National Electric Vehicle Infrastructure (NEVI) Formula Program
## EXISTING ROLES AND RESPONSIBILITIES

### Passenger Rail

<table>
<thead>
<tr>
<th>Role</th>
<th>Responsibilities</th>
<th>Planning/Visioning</th>
<th>System Implementation</th>
<th>Funding/Financing</th>
<th>Operations/Maintenance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Intercity</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FDOT</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amtrak / Brightline</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Local Government</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MPO/RPC</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Regional</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FDOT</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>SunRail/SFRTA</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Local Government</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MPO/RPC</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Urban</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FDOT</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Local Government</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>MPO/RPC</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Role</td>
<td>Planning/Visioning</td>
<td>System Implementation</td>
<td>Funding/Financing</td>
<td>Operations/Maintenance</td>
<td></td>
</tr>
<tr>
<td>---------------</td>
<td>--------------------</td>
<td>-----------------------</td>
<td>-------------------</td>
<td>------------------------</td>
<td></td>
</tr>
<tr>
<td>FDOT</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>Railroads</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>Local Government</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>MPO/RPC</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**EXISTING ROLES AND RESPONSIBILITIES**

*Freight Rail*
## EXISTING ROLES AND RESPONSIBILITIES

### Transit

<table>
<thead>
<tr>
<th>Role</th>
<th>Responsibilities</th>
<th>Planning/Visioning</th>
<th>System Implementation</th>
<th>Funding/Financing</th>
<th>Operations/Maintenance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Urban/Rural</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FDOT</td>
<td>●</td>
<td></td>
<td></td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>Local Government</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>MPO/RPC</td>
<td>●</td>
<td></td>
<td></td>
<td>●</td>
<td></td>
</tr>
<tr>
<td><strong>Intercity</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FDOT</td>
<td>●</td>
<td></td>
<td></td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>Providers</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Local Government</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MPO/RPC</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ROLES & RESPONSIBILITIES

DISCUSSION
STATION ACTIVITIES
DEBRIEF
<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAR 29TH</td>
<td>Jacksonville FDOT District Two Headquarters</td>
<td>1:00- 4:00 PM</td>
</tr>
<tr>
<td>APR 6TH</td>
<td>Lakeland Magnolia Building</td>
<td>9:00 AM – 12:00 PM</td>
</tr>
<tr>
<td>APR 7TH</td>
<td>Longwood Longwood Community Building</td>
<td>9:00 AM – 12:00 PM</td>
</tr>
<tr>
<td>APR 12TH</td>
<td>Ft. Myers Riverside Community Center</td>
<td>9:00 AM – 12:00 PM</td>
</tr>
<tr>
<td>APR 13TH</td>
<td>Aventura Miami Aventura Branch Library</td>
<td>1:00- 4:00 PM</td>
</tr>
<tr>
<td>APR 26TH</td>
<td>Marianna Jackson County Agriculture Center</td>
<td>9:00 AM – 12:00 PM</td>
</tr>
<tr>
<td>TBA</td>
<td>Statewide Closing</td>
<td>GoToWebinar TBA</td>
</tr>
</tbody>
</table>

For more information and to register: FDOT.gov/rail-transit-listening
NEXT STEPS

Send Additional Comments to
RAIL@dot.state.fl.us
fdot.transit@dot.state.fl.us

Continue the Conversation
CLEARING THE PATH FOR A SAFER JOURNEY.

Dynamic Envelopes are pavement markings used to decrease unsafe stopping behavior for motorists, bicyclists, and pedestrians near railroad crossings. These white markings, coated with reflective glass powder, indicate the clearance needed for trains to safely pass.

Dynamic Envelopes reduce vehicles stopped on or too close to the tracks by at least 15%.*

*According to FDOT Pilot Program
Brad Thoburn
Assistant Secretary, Strategic Development
605 Suwannee Street, MS 57
Tallahassee, FL 32399
Phone: 850-414-5211
Email: Brad.Thoburn@dot.state.fl.us