

Florida's Future Corridors

Linking Land Use, the Environment, and Transportation on a Large Scale

Presented to

APA Florida Annual Conference

Presented by

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September 5, 2014



Session Outline

- Overview of the Future Corridors planning process
- East Central Florida Corridor Task Force
- Tampa Bay-Northeast Florida Study Area
- What's next?

Why Plan for Future Corridors?

- Meet growing demand for moving people and freight to support economic development
- Provide solutions for or alternatives to existing congested corridors
- Improve connectivity
 - Between regions
 - Between Florida and other states and nations
- Coordinate long-range growth and transportation plans

Corridors: Where Are We Now?



Corridors: Where Are We Going?



Corridors: Where Could We Go?

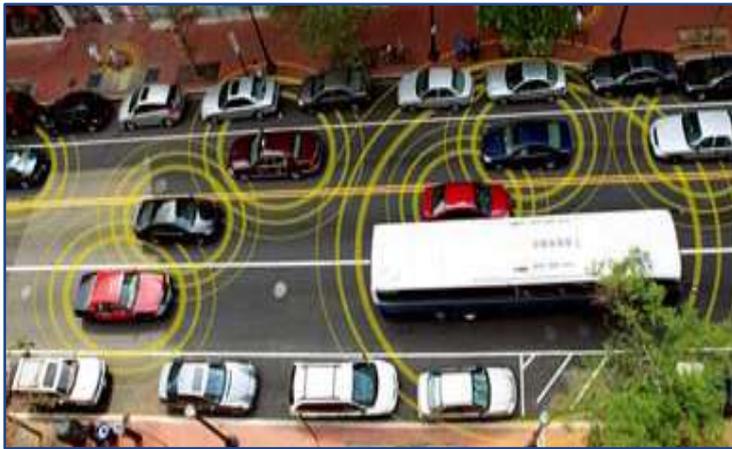
*High-speed, high-capacity
corridors connecting
Florida's regions*



*Efficient and reliable
long-distance trade and
visitor flows*

Corridors: Where Could We Go?

*More options for
personal travel*



*Emerging technologies
such as automated or
connected vehicles*

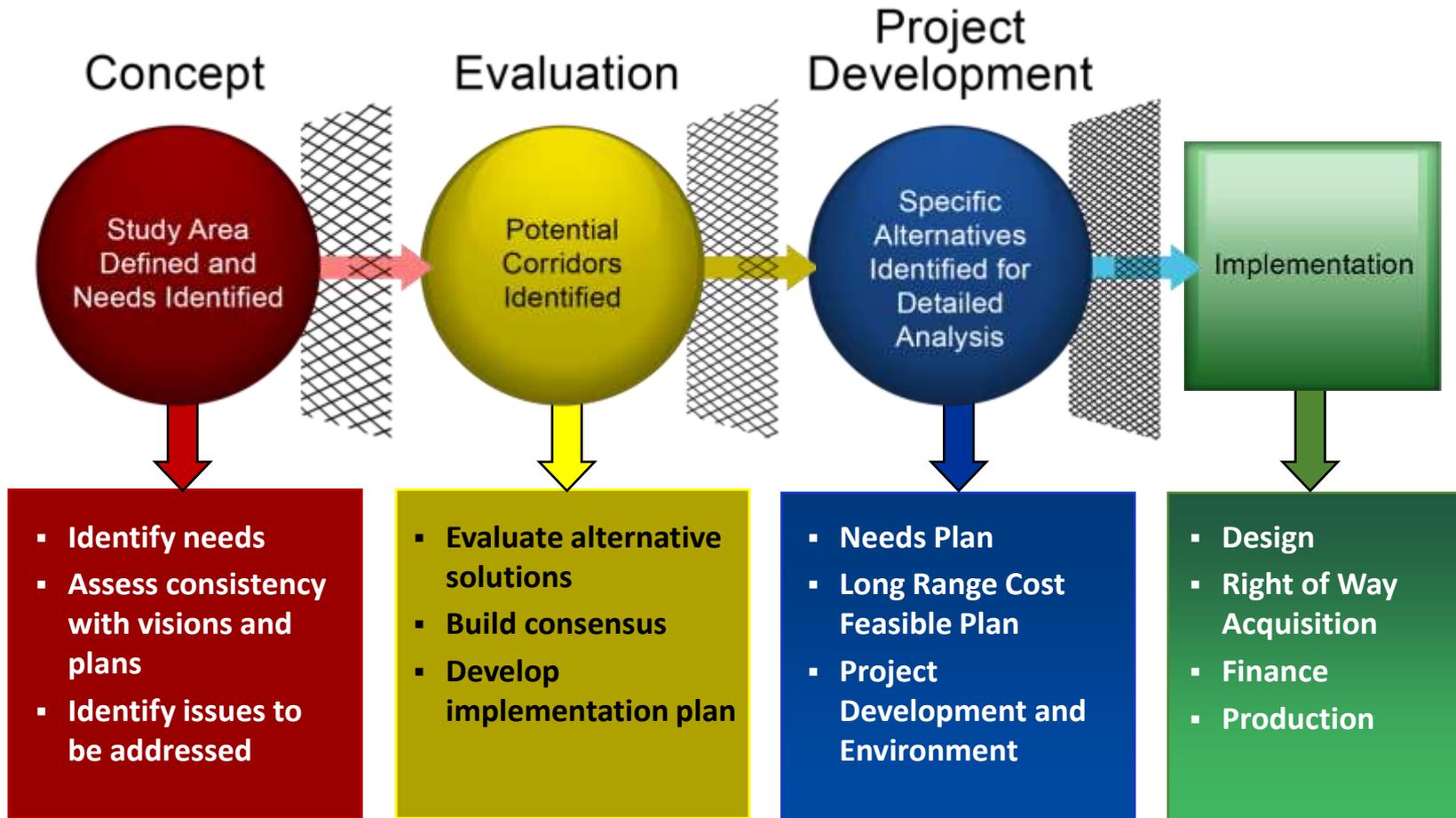
Corridors: Where Could We Go?

Colocation with energy, communications, and other infrastructure



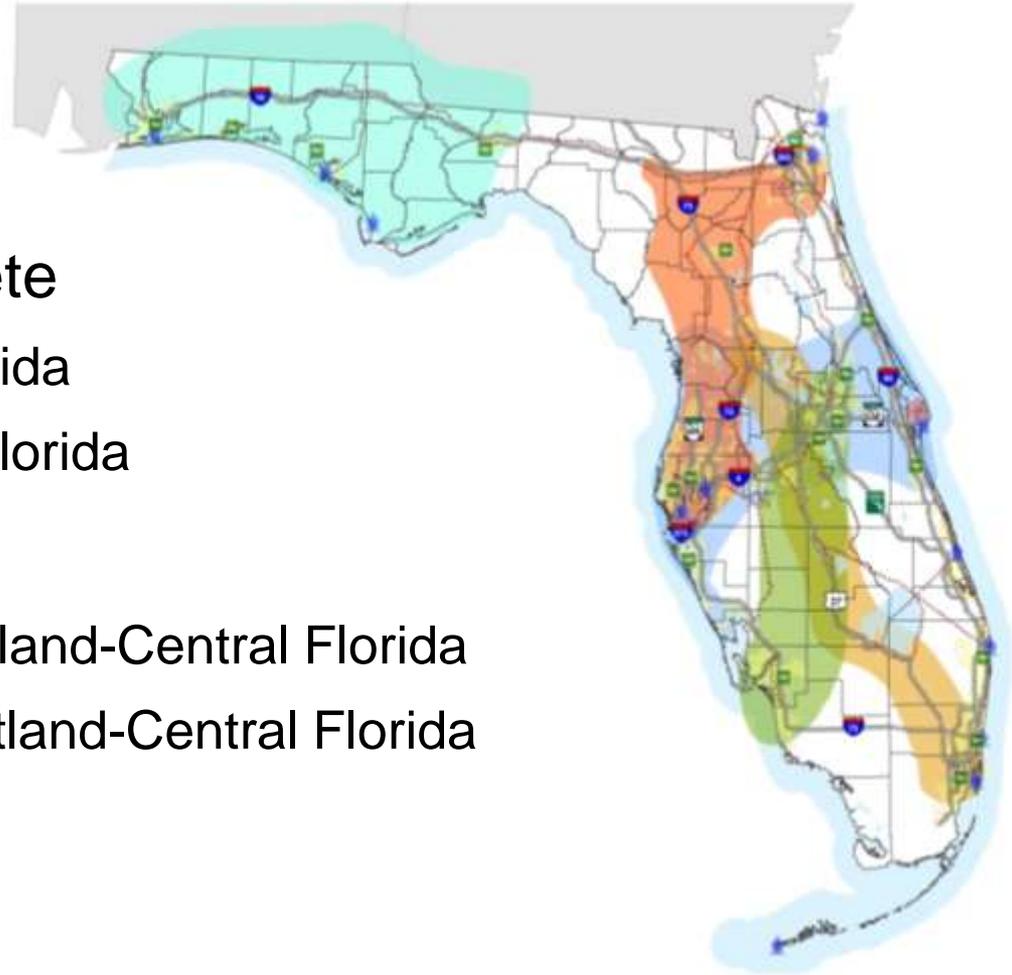
Careful location and design to protect and enhance Florida's environment and communities

Future Corridor Planning Process

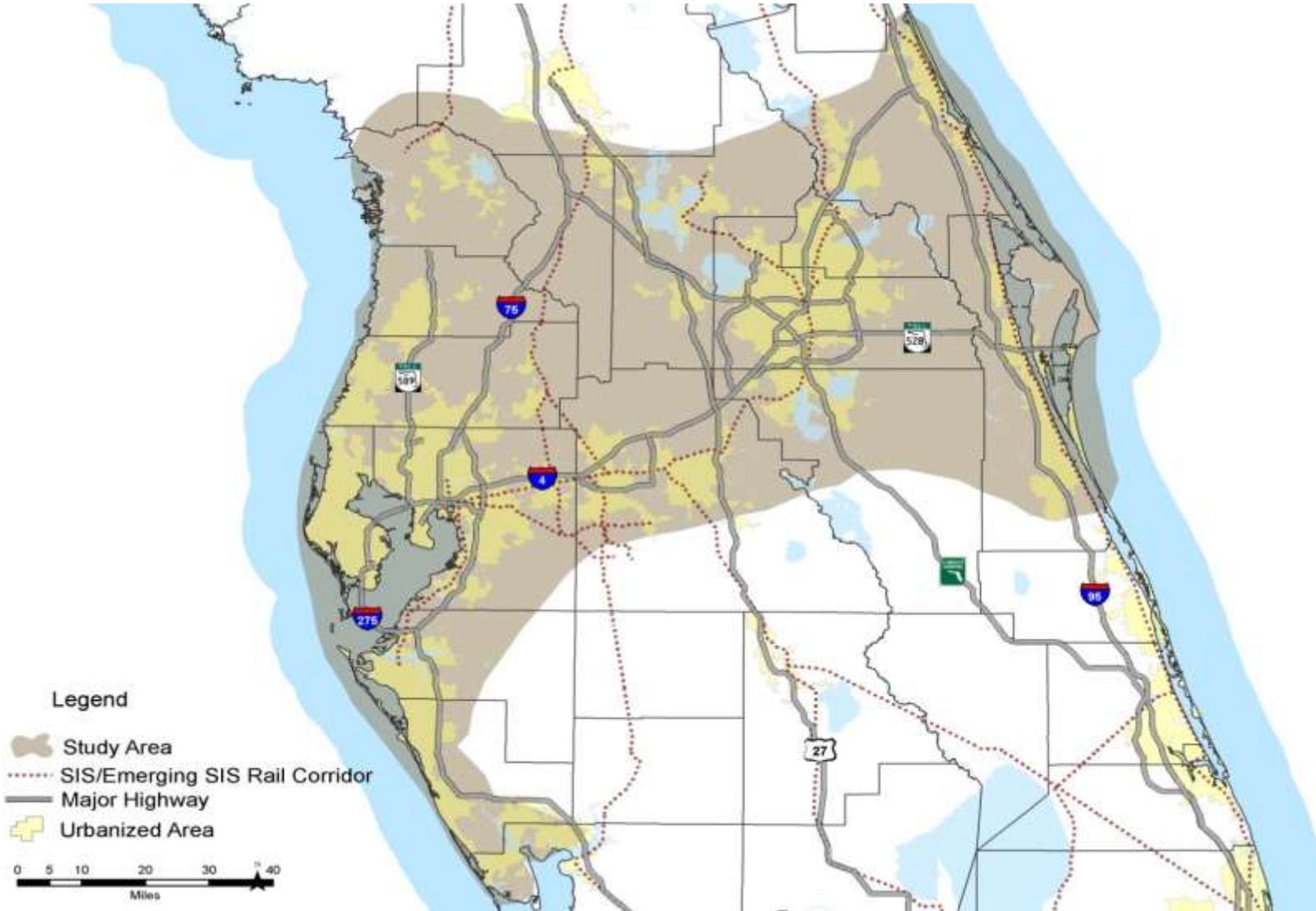


Future Corridor Study Areas

- Concept Study Complete
 - Tampa Bay-Central Florida
 - Tampa Bay-Northeast Florida
- Future Study
 - Southeast Florida-Heartland-Central Florida
 - Southwest Florida-Heartland-Central Florida
 - Northwest Florida



Tampa Bay-Central Florida Study Area



Tampa Bay – Central Florida

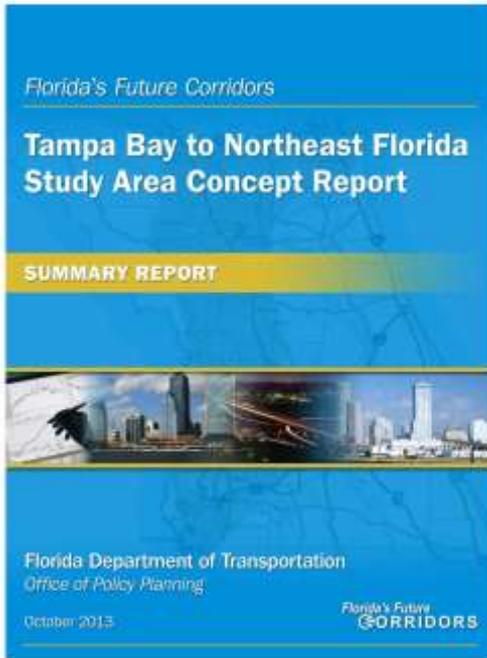
Mobility and Connectivity Needs

- Growing demand for moving people and freight
- Highway delay and reliability
- Limited options for long-distance, interregional travel
- Connectivity to seaports and airports
- Connectivity to emerging economic centers



Tampa Bay – Central Florida

Concept Report Recommendations



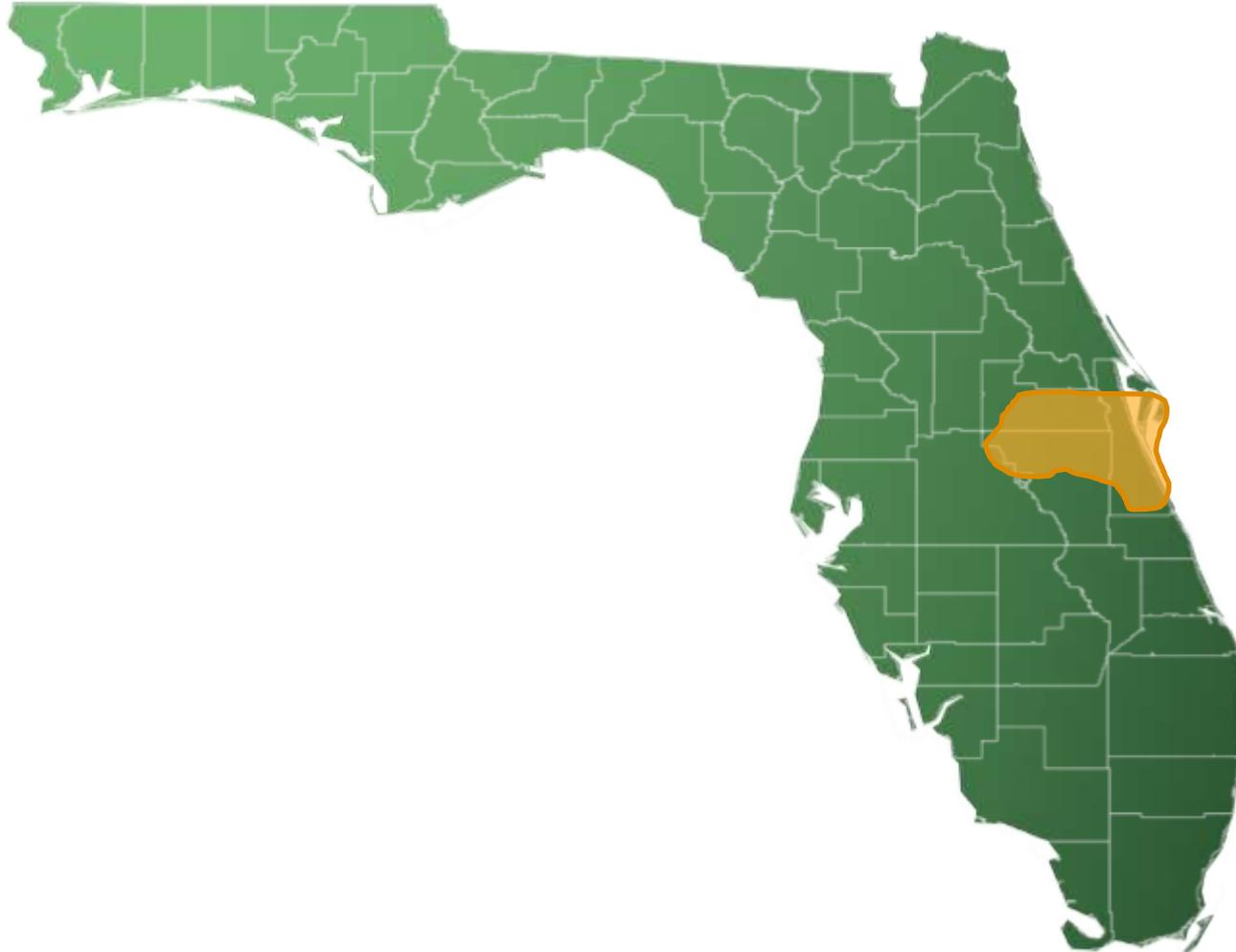
- Develop strategy for I-4 transformation over next 50 years
- Develop long-term strategies for enhanced passenger and freight rail service
- Assess benefits and costs of developing one or more parallel multimodal corridors to help relieve I-4
- Convene collaborative process to assess development patterns and mobility needs in one subarea

East Central Florida Corridor Task Force

- ▶ Created by Executive Order 13-319, November 1, 2013
- ▶ Purpose: “evaluating and developing consensus recommendations on future transportation corridors serving established and emerging economic activity centers in portions of Brevard, Orange, and Osceola Counties”
- ▶ 13 members representing public, private, civic organizations

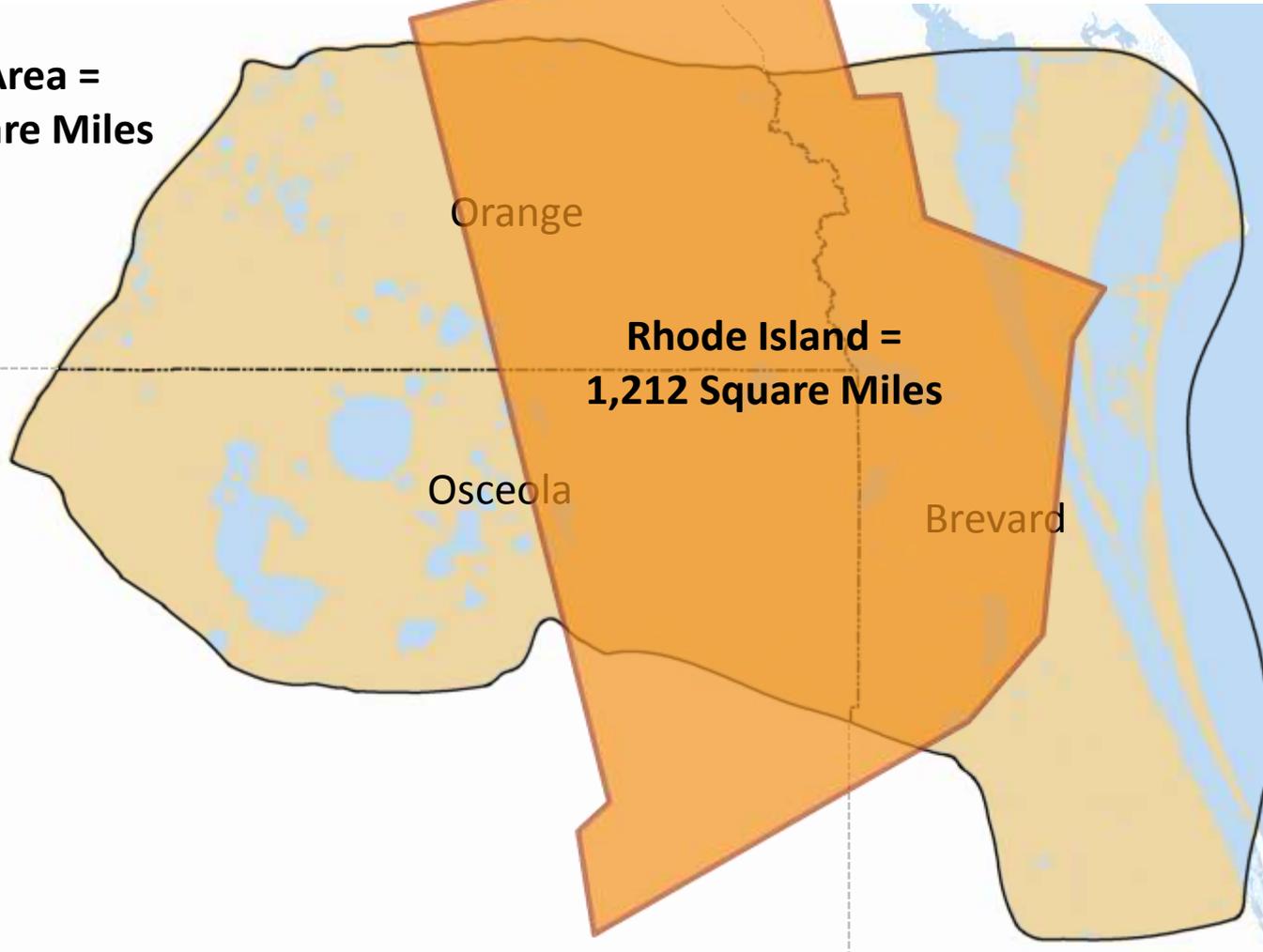


East Central Florida Study Area



East Central Florida Study Area

**Study Area =
2153 Square Miles**

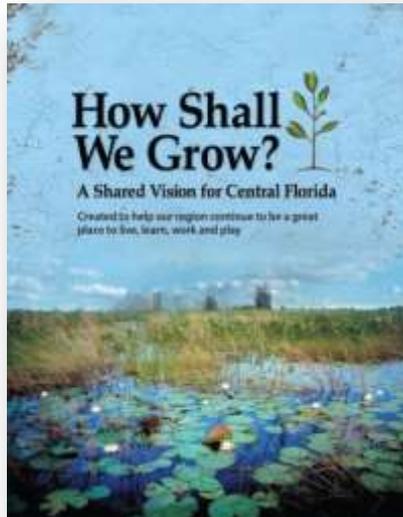


Why Are We Here? Implement Statewide Plans

- ▶ Florida Strategic Plan for Economic Development
- ▶ 2060 Florida Transportation Plan



Why Are We Here? Implement Regional Vision



Why Are We Here?

Plan for the Needs of a Changing Region



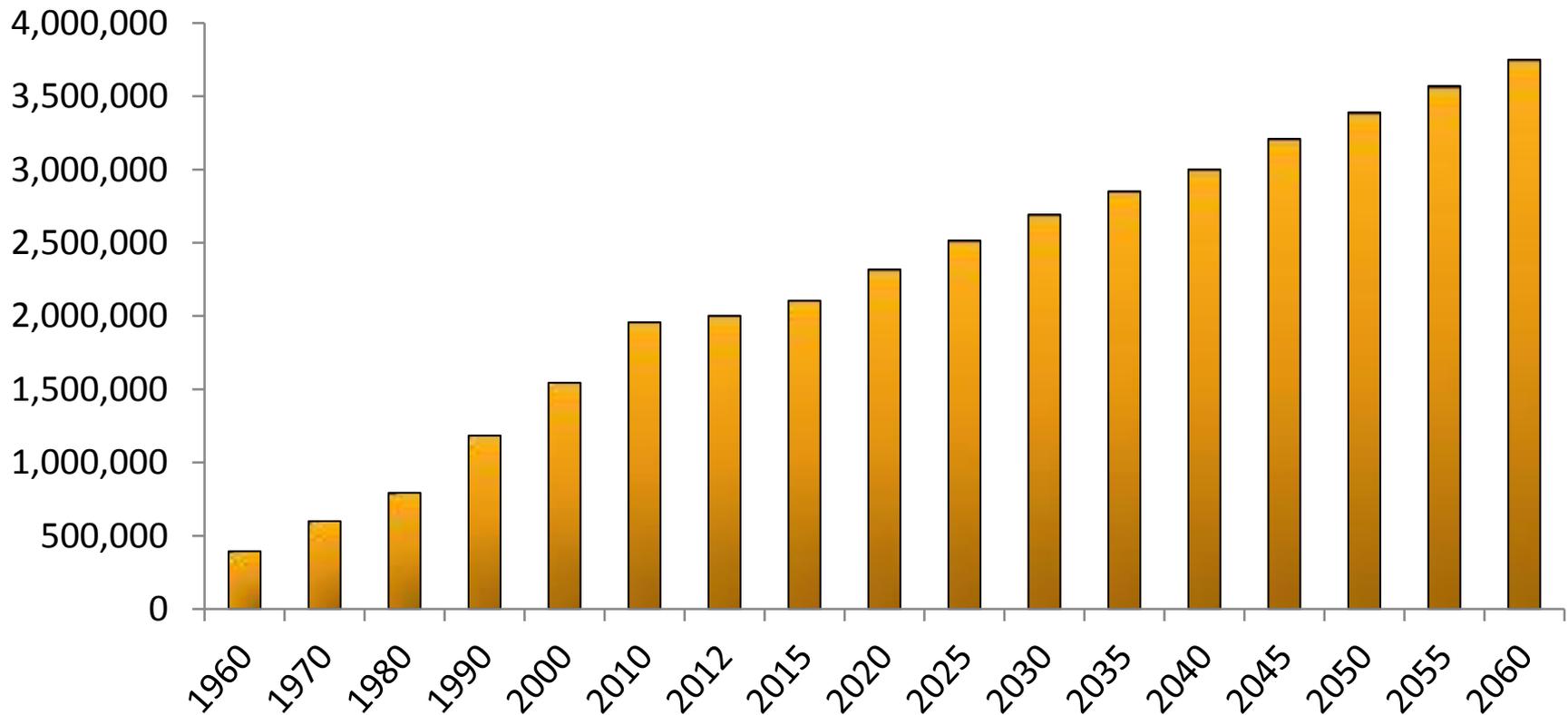
Photo: Courtesy of Lake Nona (upper left)

East Central Florida Corridor Task Force



A Growing Area...

Population Estimates and Projections for 3-County Area, 1960-2060



Sources: Census Bureau; University of Florida, Bureau of Economic and Business Research (BEBR); FDOT.

East Central Florida Corridor Task Force



A Changing Area...

Cape Canaveral



University of Central Florida



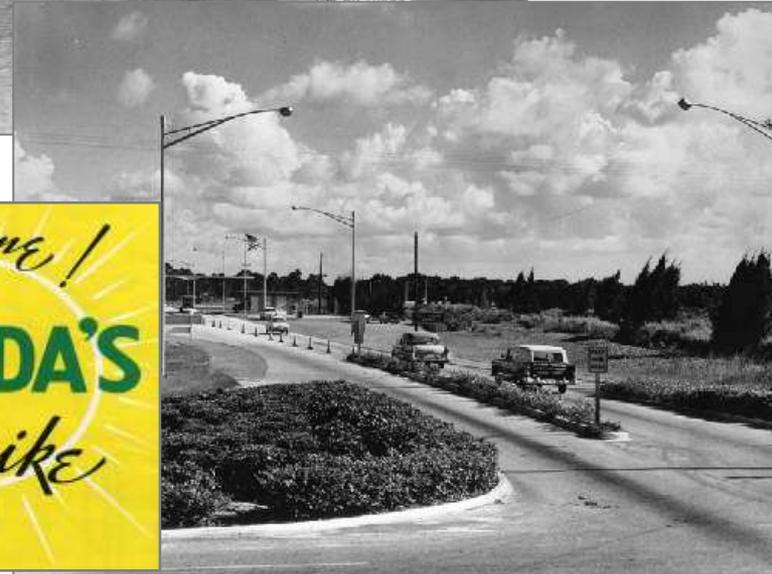
With a Changing Economy...



Photo: Courtesy of Lake Nona (upper left)



And Changing Transportation Needs...



And Changing Transportation Needs...



[Home](#) | [Public Hearings & Docs](#) | [Jobs & Procurement](#) | [Station Concepts](#) | [Economic Development](#)



Connecting Central Florida's Economy

Orlando

Cape
Canaveral

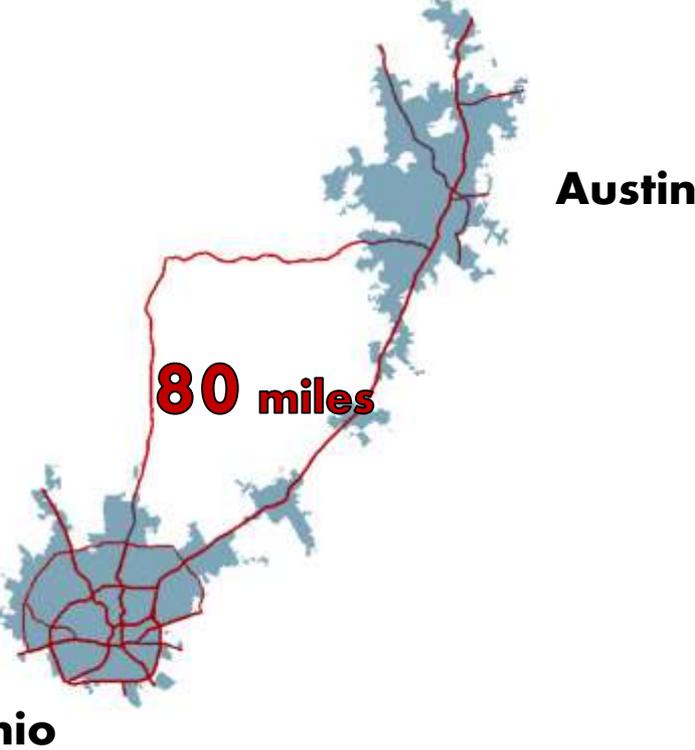


Kissimmee

Melbourne



Baton Rouge



Task Force Charge

- Recommend *guiding principles* for coordination of future transportation and land use planning
- Review and determine *consistency* among existing state, regional, local *transportation plans*
- Review local and regional *land use and development plans* and determine *consistency* with transportation plans
- Consider and recommend *general purpose, need, and location* for *new or enhanced transportation corridors*
- Solicit and consider *agency, stakeholder, and public input*
- Recommend *proposed action plan* for new or enhanced transportation corridors



Task Force Activities to Date

- ▶ **4 meetings (April 29, June 5, June 27, August 22)**
 - » Technical presentations and discussions on the 4Cs
 - » Identification of issues and opportunities
 - » Initial work on guiding principles
- ▶ **2 Community Workshops (July 8)**
 - » Review of Task Force charge
 - » Identification of key issues, organized by the 4Cs



What's Next?

- ▶ **3 more meetings (September 15, October 9, November 13)**
- ▶ **October 6-8: 3 more Community Workshops, 1 in each county, to review draft recommendations**
- ▶ **October/November: draft report and public comment period**
- ▶ **Final report due to Governor December 1, 2014**



After the Task Force ...

- ▶ Task Force shall submit a report on its findings and recommendations to the Governor by *December 1, 2014*
- ▶ Local Governments encouraged to consider possible amendments to their comprehensive plans by *September 30, 2015*
- ▶ Regional planning, water, and transportation agencies encouraged to amend or revise their respective plans by *September 30, 2015*
- ▶ DEO, FDOT and other agencies to move forward with planning of recommended state investments



How Shall We Grow?

Four Key Themes (The 4Cs)



Conservation



Centers



Countryside

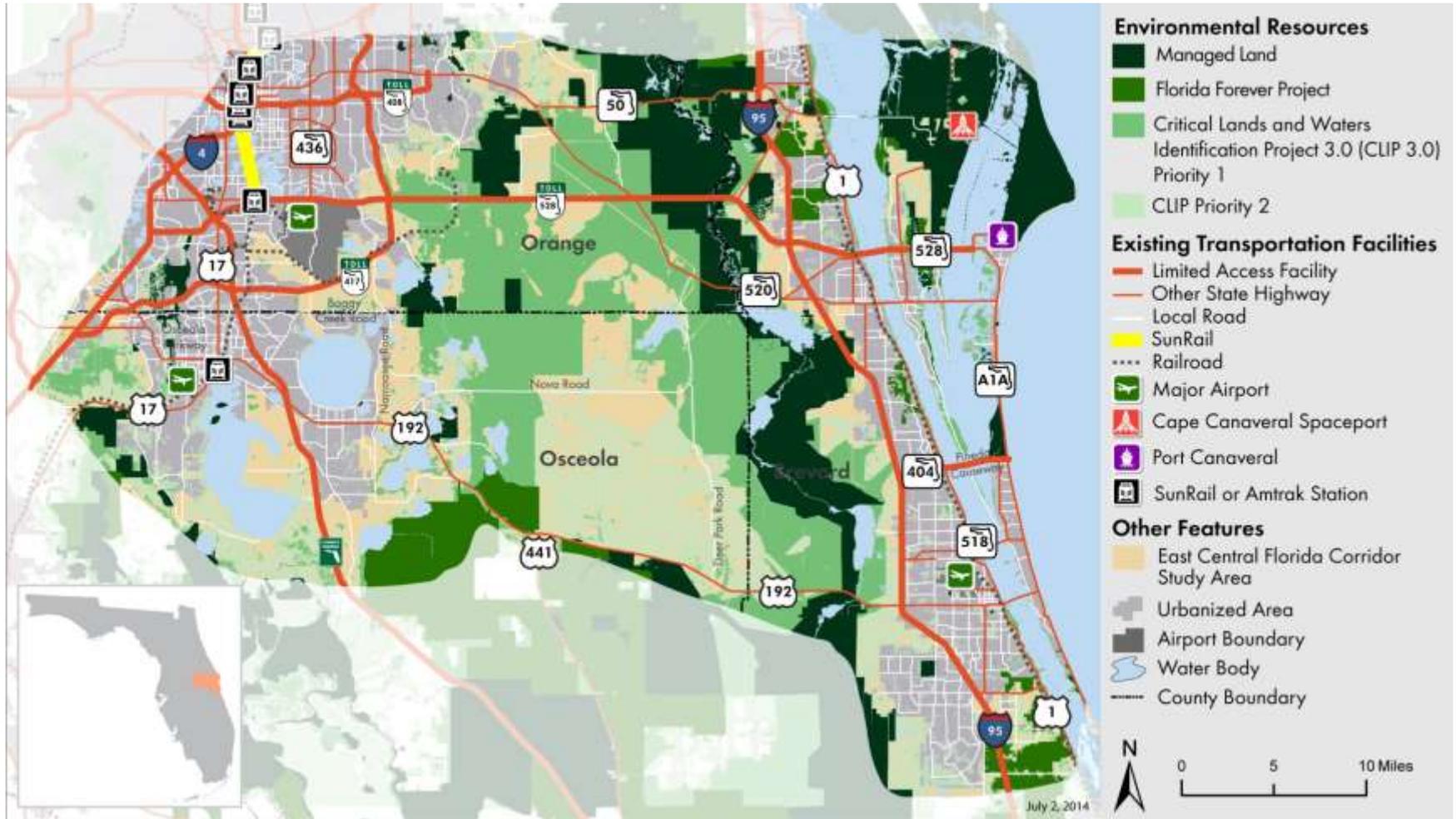


Corridors

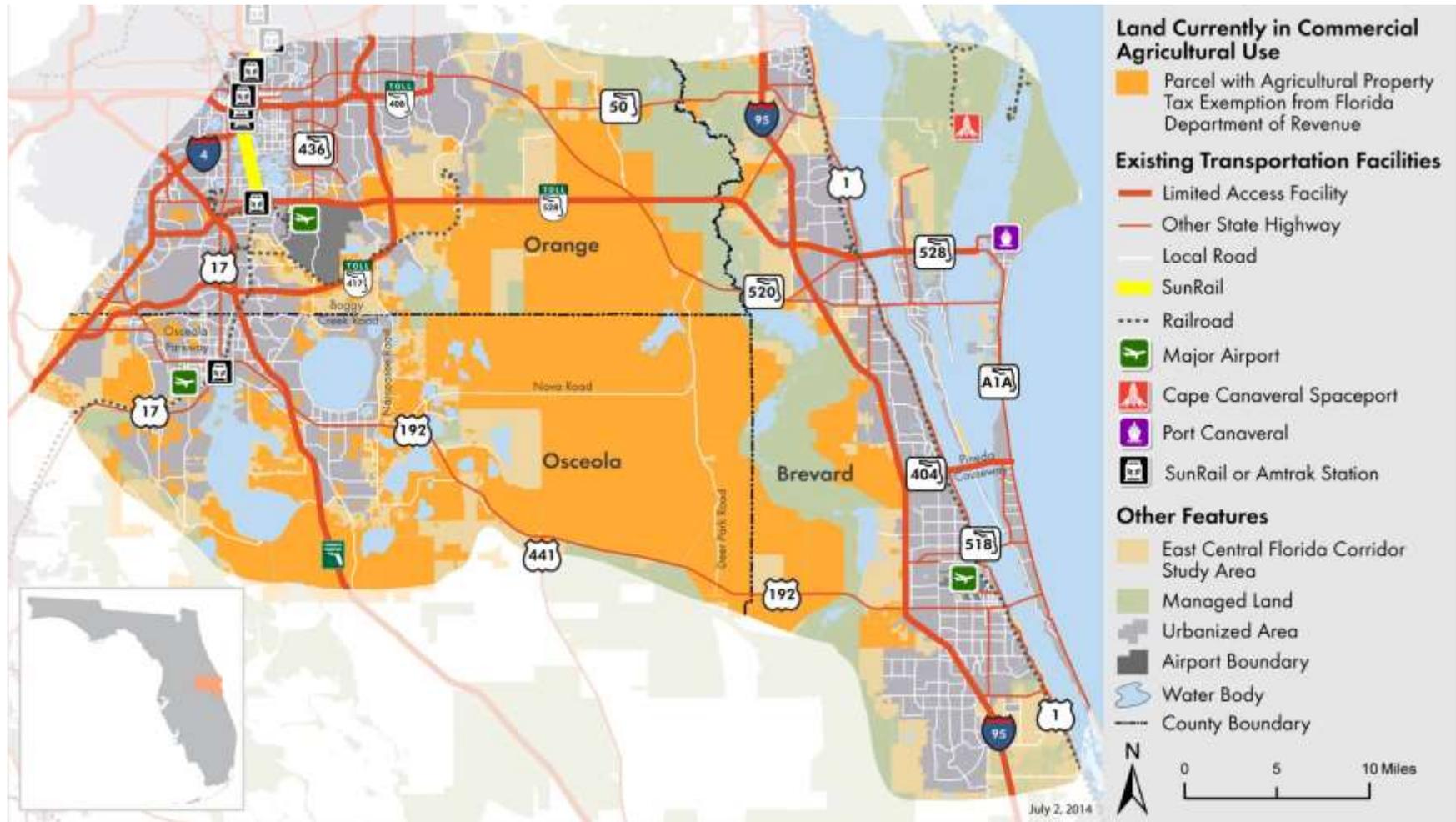
Photos: Courtesy of <http://www.myregion.org>.



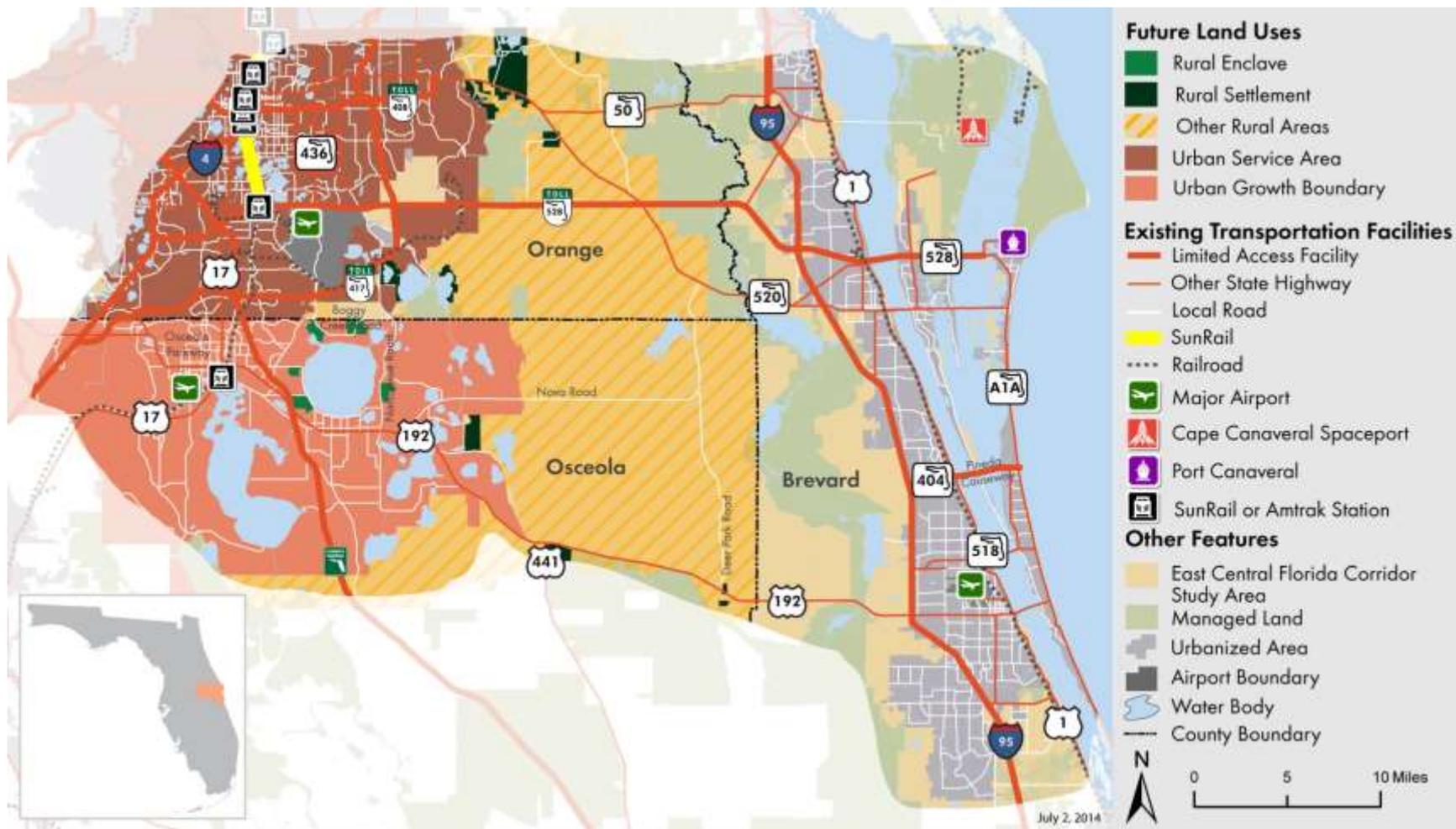
Conservation: Managed Lands and Other Critical Lands and Waters



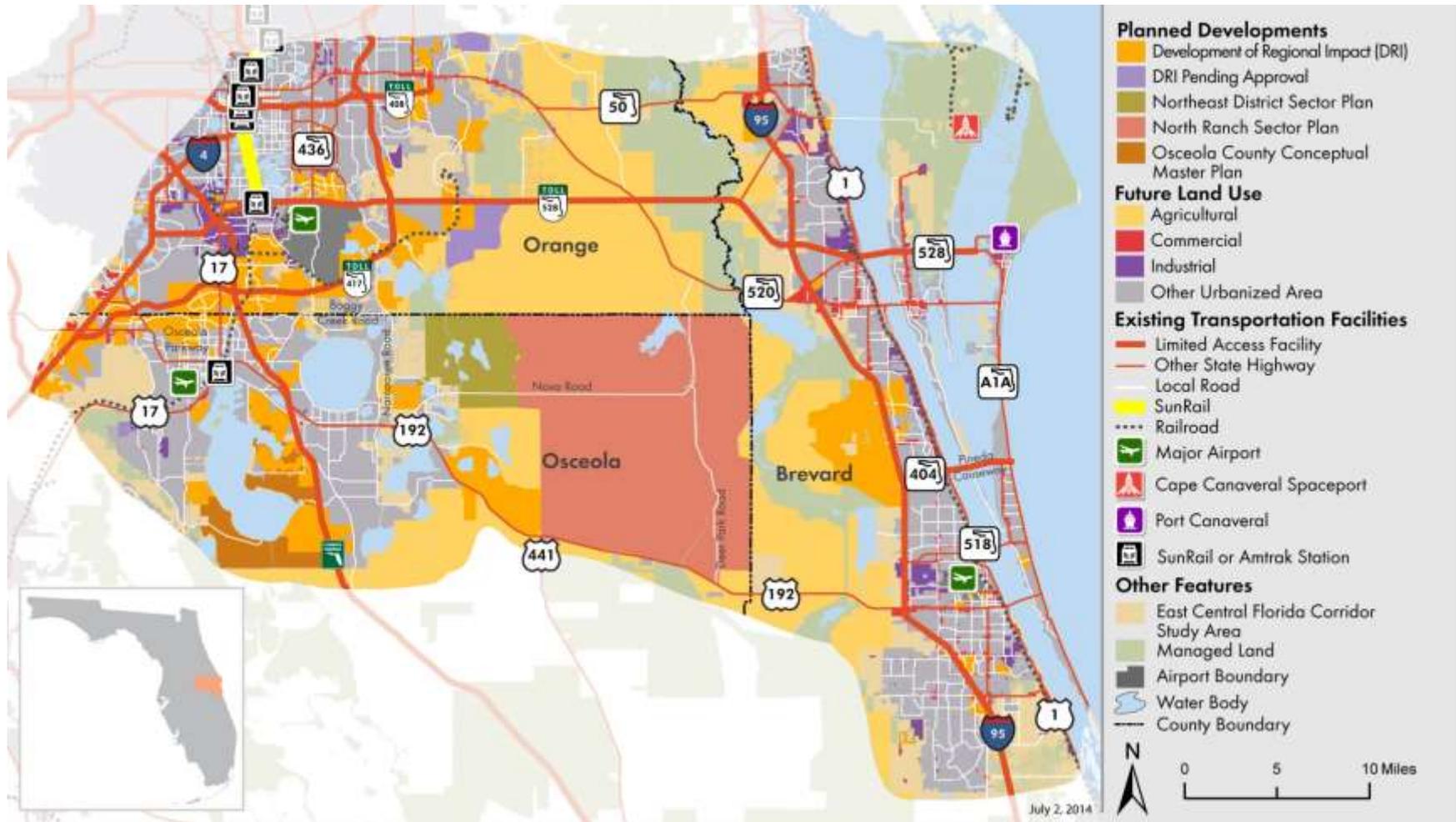
Countryside: Working Farmlands



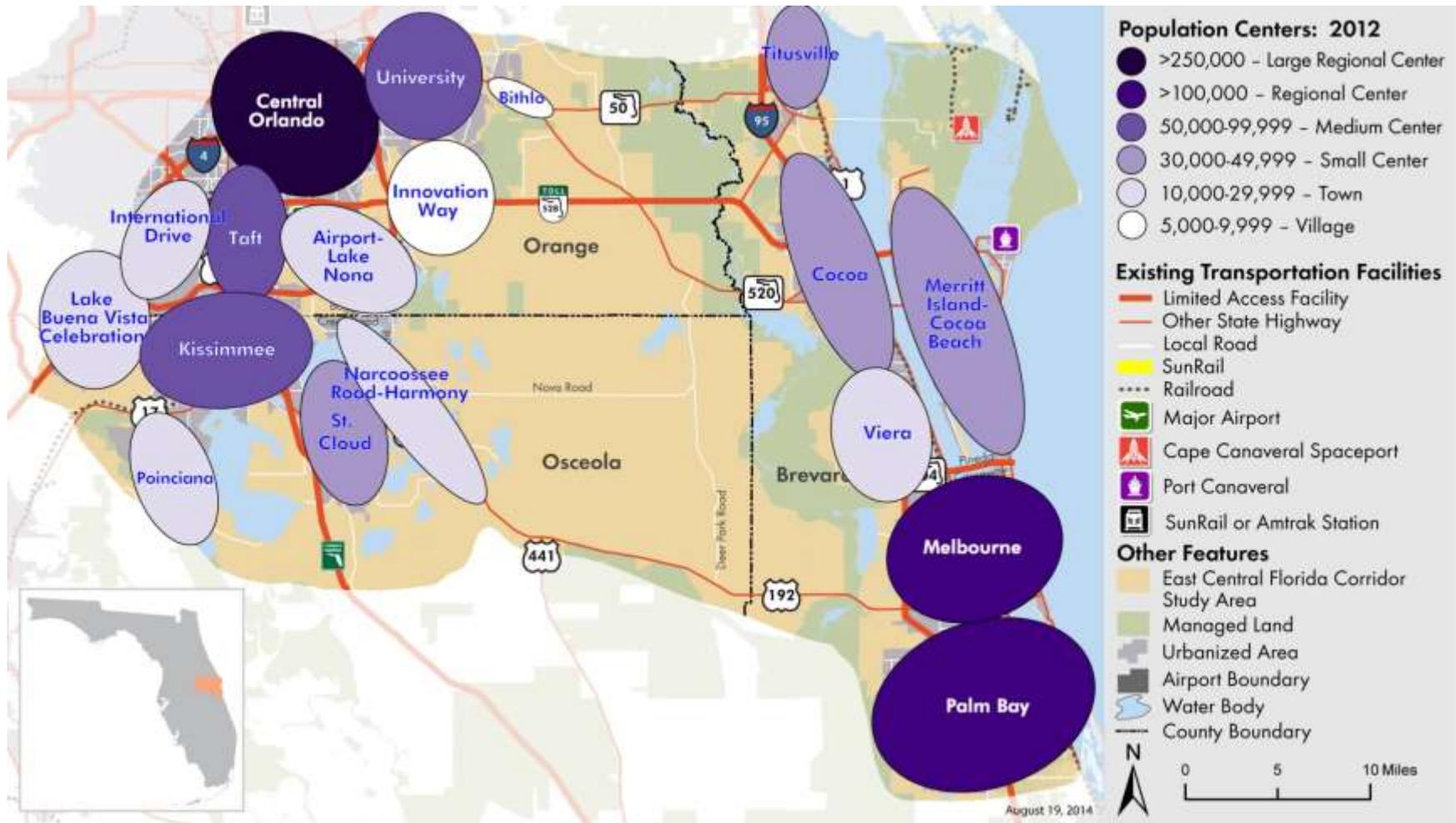
Countryside: Rural Districts, Rural Settlements, Rural Enclaves



Countryside and Centers: Local Planning Efforts



Current Population Centers

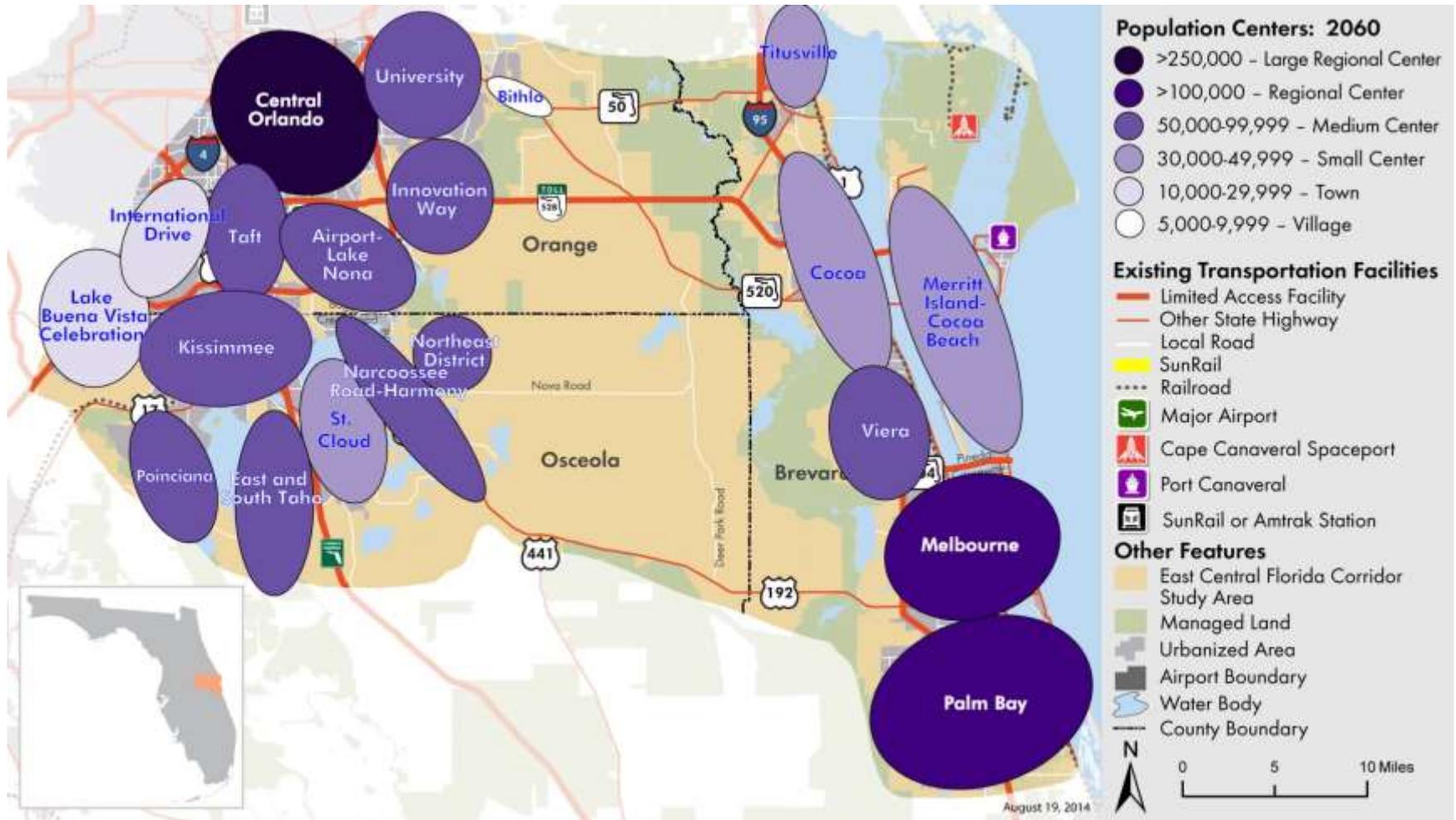


Source: FDOT analysis of data from U.S. Census Bureau, 2012

East Central Florida Corridor Task Force



Potential 2060 Population Centers

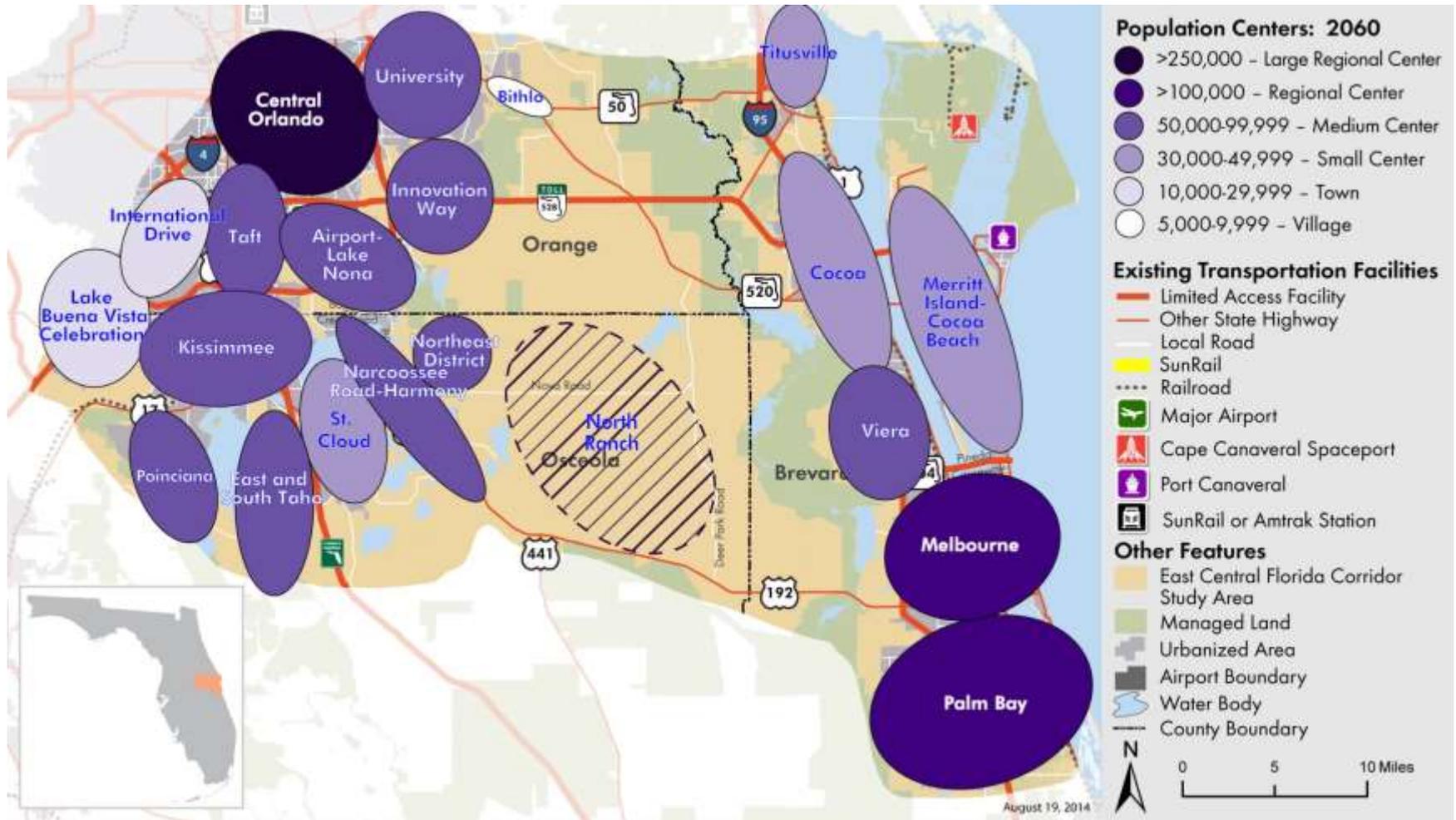


Source: FDOT projection based on county estimates

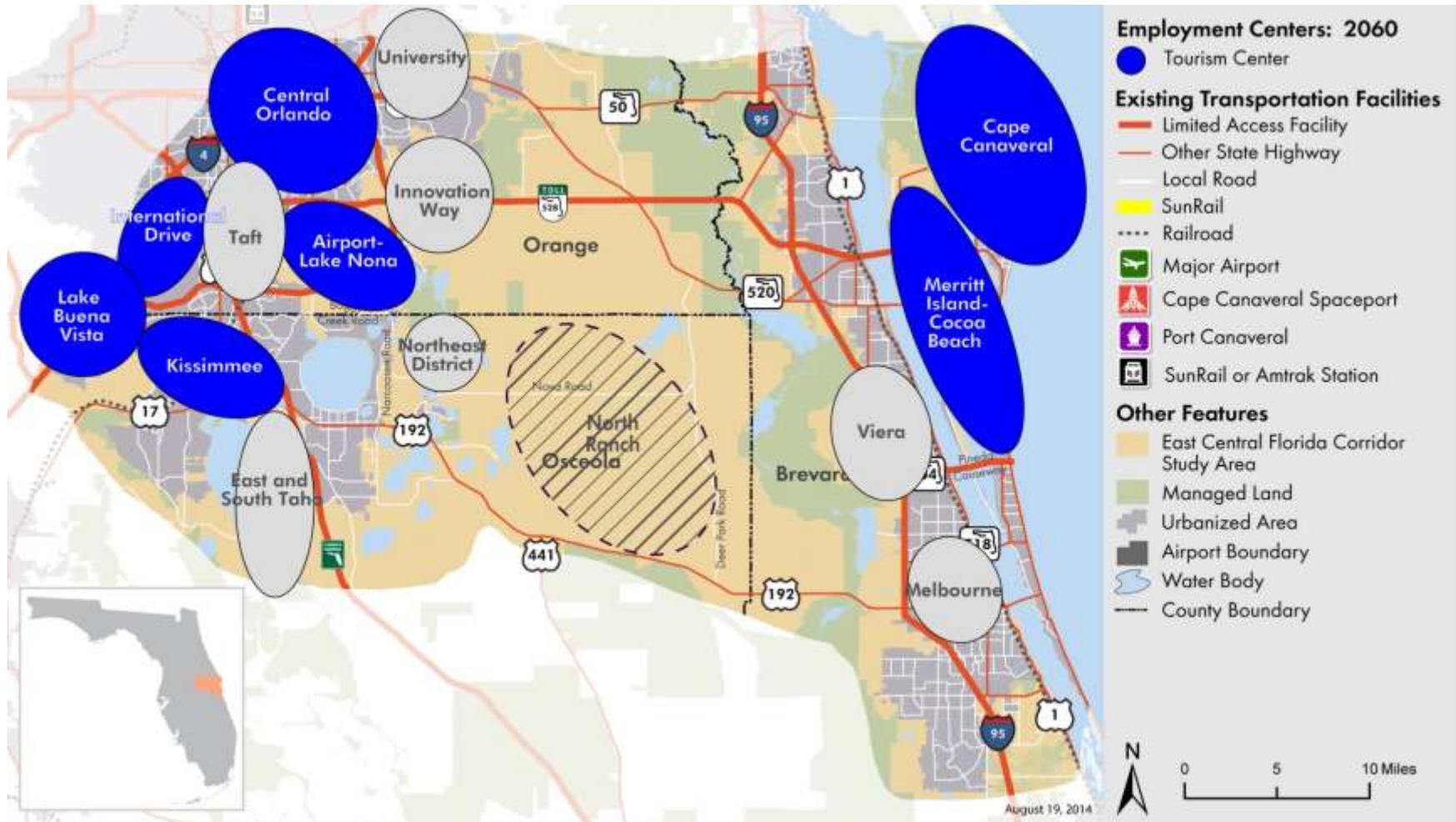


East Central Florida Corridor Task Force

Potential 2060 Population Centers



Potential 2060 Employment Centers: Tourism Centers

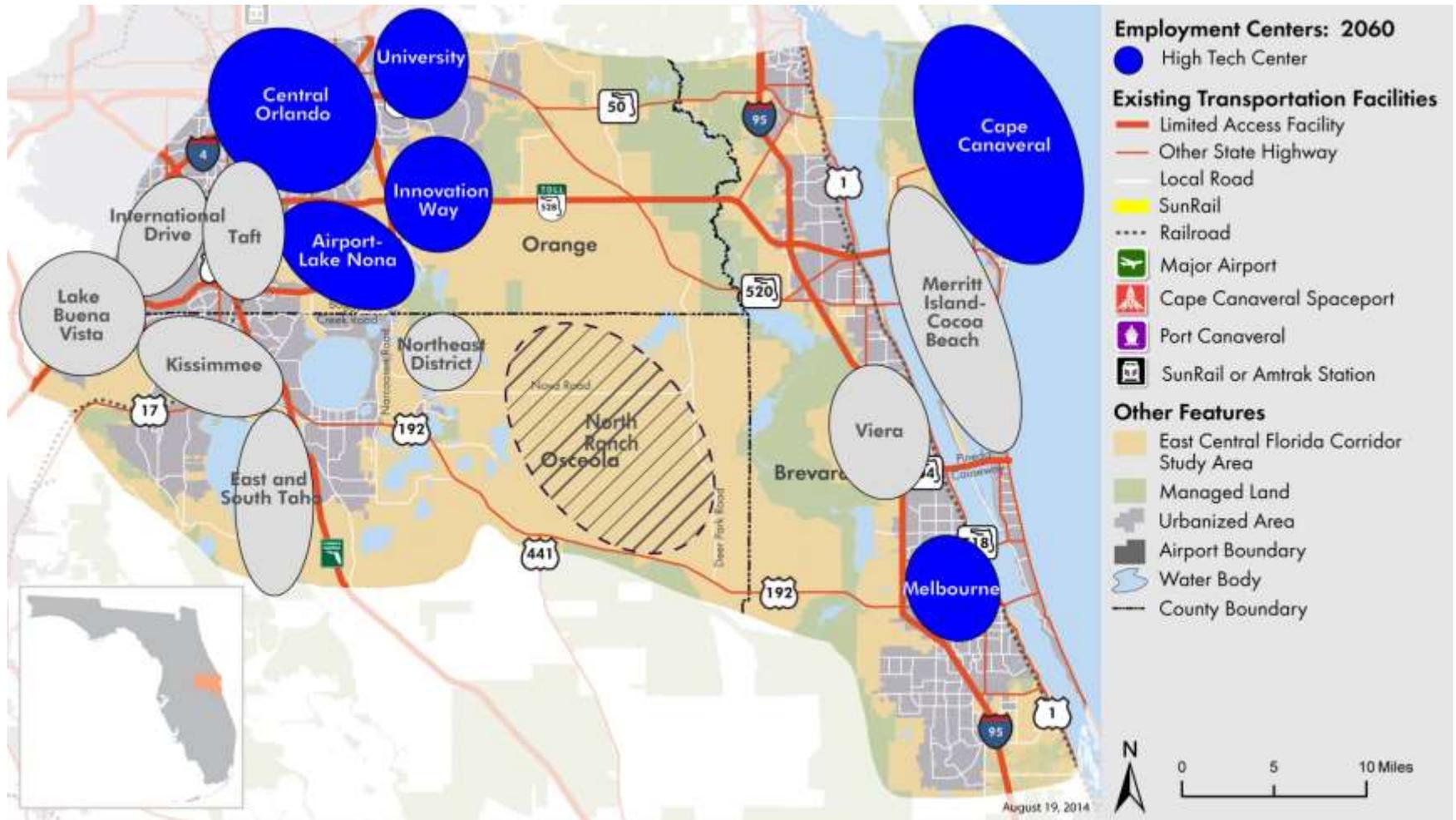


Source: FDOT projection based on county estimates

East Central Florida Corridor Task Force



Potential 2060 Employment Centers: High Tech Centers



Source: FDOT projection based on county estimates



East Central Florida Corridor Task Force

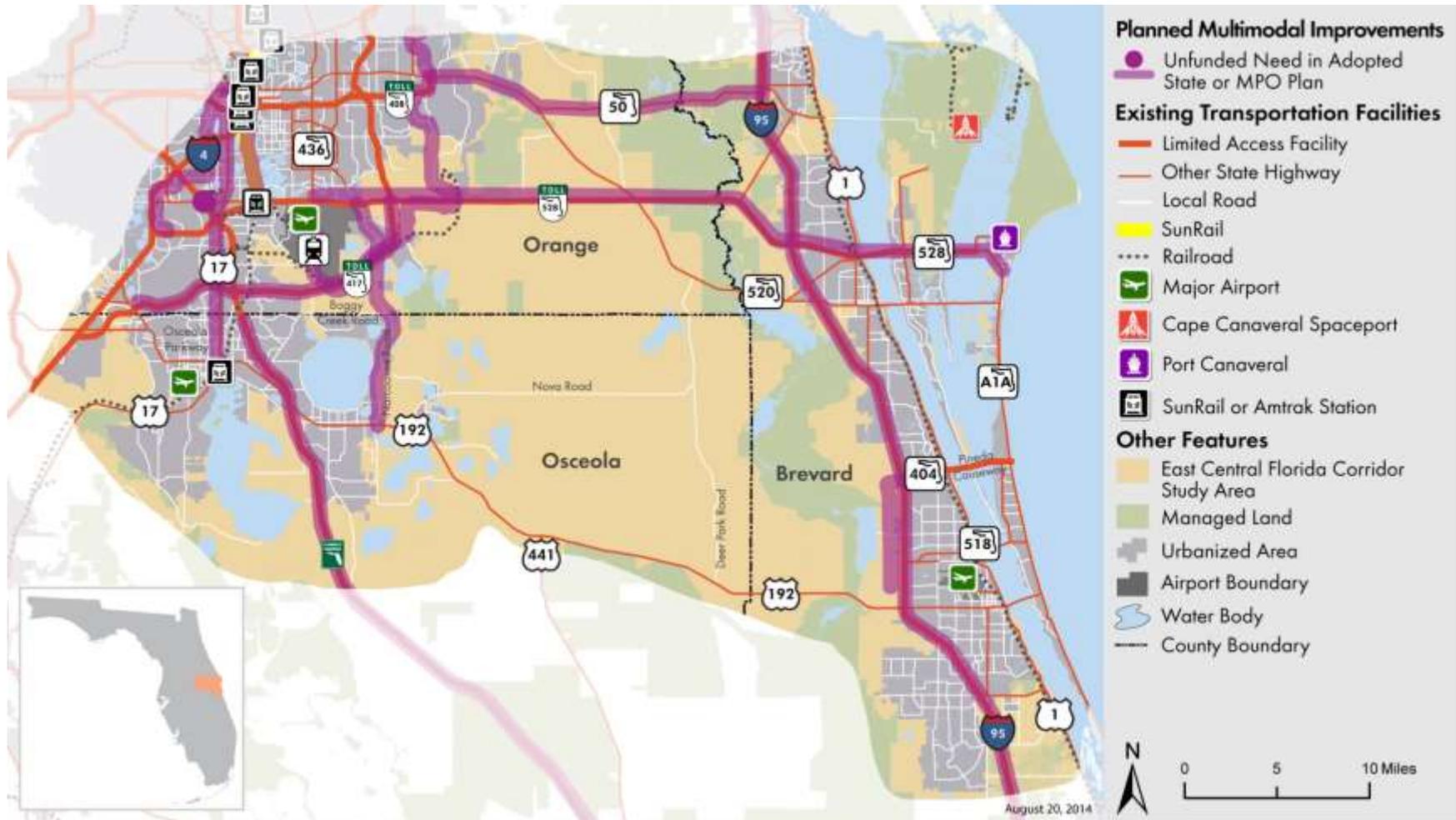
Corridors: Existing Study Area Transportation System



Corridors: Improvements Under Construction or in Adopted Plans



Corridors: Unfunded Needs in Adopted State or MPO Plans



What's Next?

- ▶ **Refine future forecasts of travel demand**
 - » Test scenarios including new center(s) on North Ranch
- ▶ **Recommend general purpose, need, location of major corridor investments**
- ▶ **Identify potential implementation plan including**
 - » Scope for completing Evaluation study
 - » Potential amendments to existing state, regional, and local plans
 - » Potential corridor management or preservation agreements
- ▶ **Prepare Task Force report**





East Central Florida Corridor TASK FORCE

Task Force About the Study Area Planning Process Resources Supporting Docs Meeting Information Comments

News

[June 27th Task Force Meeting Draft Agenda is Now Available](#)

[Meeting Materials for June 5th Task Force Meeting Now Available](#)

[June 5th Task Force Meeting Draft Agenda Now Available](#)

About the Task Force

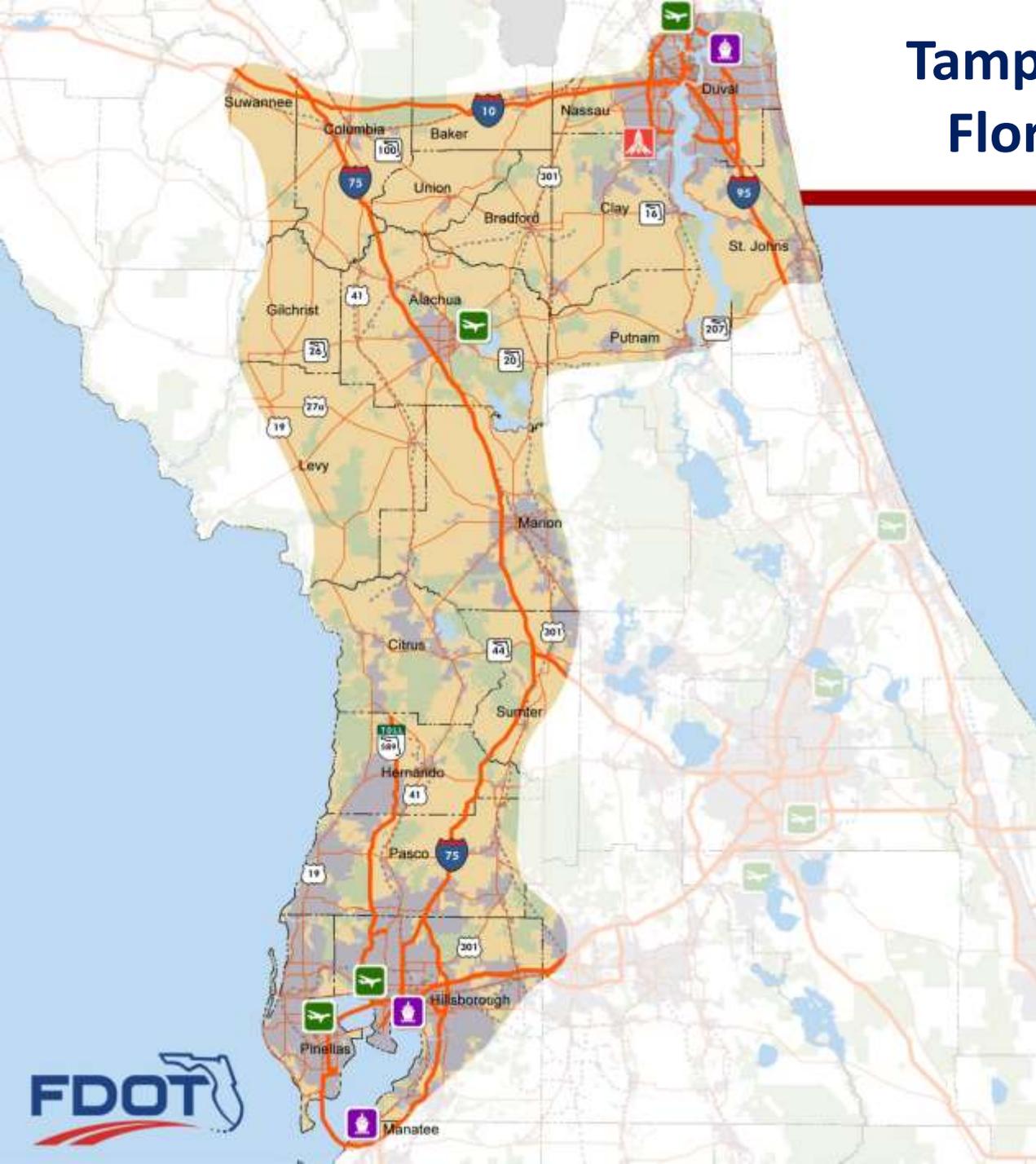
Governor Rick Scott signed [Executive Order 13-319](#) on November 1st, 2013 creating the *East Central Florida Corridor Task Force*. The purpose of the Task Force is to evaluate and develop consensus recommendations on future transportation corridors serving established and emerging economic activity centers in portions of Brevard, Orange, and Osceola counties.

The Task Force is part of a broader statewide Future Corridors effort to coordinate future land uses and the supporting transportation network, and will serve as a pilot planning effort to be tested and evaluated for use in other future corridor planning efforts statewide. Well planned communities, major transportation corridors, and protections of the state's unique environmental and agricultural resources are critical to the state's economic competitiveness and quality of life. The Task Force will build upon the *How Shall We Grow?* regional vision supported by an analysis of land use, mobility, economic, environmental, water, and community issues in the study area.

The charge of the Task Force includes the identification of anticipated future development patterns and associated mobility and connectivity needs in portions of Brevard, Orange, and Osceola counties, as well as potential solutions for addressing these needs through coordinated planning and partnerships. The Task Force will involve stakeholders and the public as it develops its recommendations.



Tampa Bay-Northeast Florida Study Area



Existing Transportation Facilities

- Limited Access Facility
- Other State Highway
- SIS/Emerging SIS Rail Corridor
- ✈ SIS/Emerging SIS Airport
- 🚀 SIS Spaceport
- 🚢 SIS/Emerging SIS Seaport

Other Features

- Tampa Bay to Northeast Study Area
- Managed Land
- Urbanized Area
- 🌊 Water Body
- County Boundary

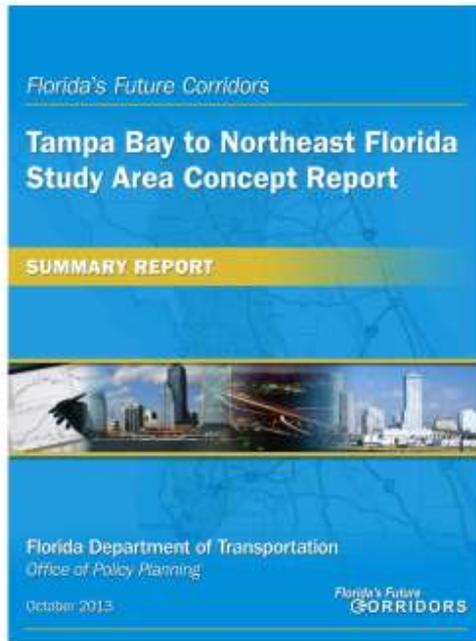


May 14, 2014

Tampa Bay – Northeast Florida

Concept Report Recommendations

- Support development of regional vision for North Central Florida
- Develop ultimate plan for I-75 over next 50 years
- Develop long term strategies for enhanced freight and passenger rail service
- Conduct initial technical studies on existing facilities (e.g., 301, 19)
- Conduct 1 or more Evaluation studies for connectivity between Tampa and Jacksonville



Stakeholder Outreach to Date

- 16 counties
- 5 cities
- 8 MPOs/TPOs
- 3 regional planning councils
- 3 regional transportation authorities/commissions
- 3 water management districts
- 4 regional economic development organizations
- 9 environmental/community interest groups
- Private businesses (CSX, Duke Energy, Plum Creek, Rayonier)

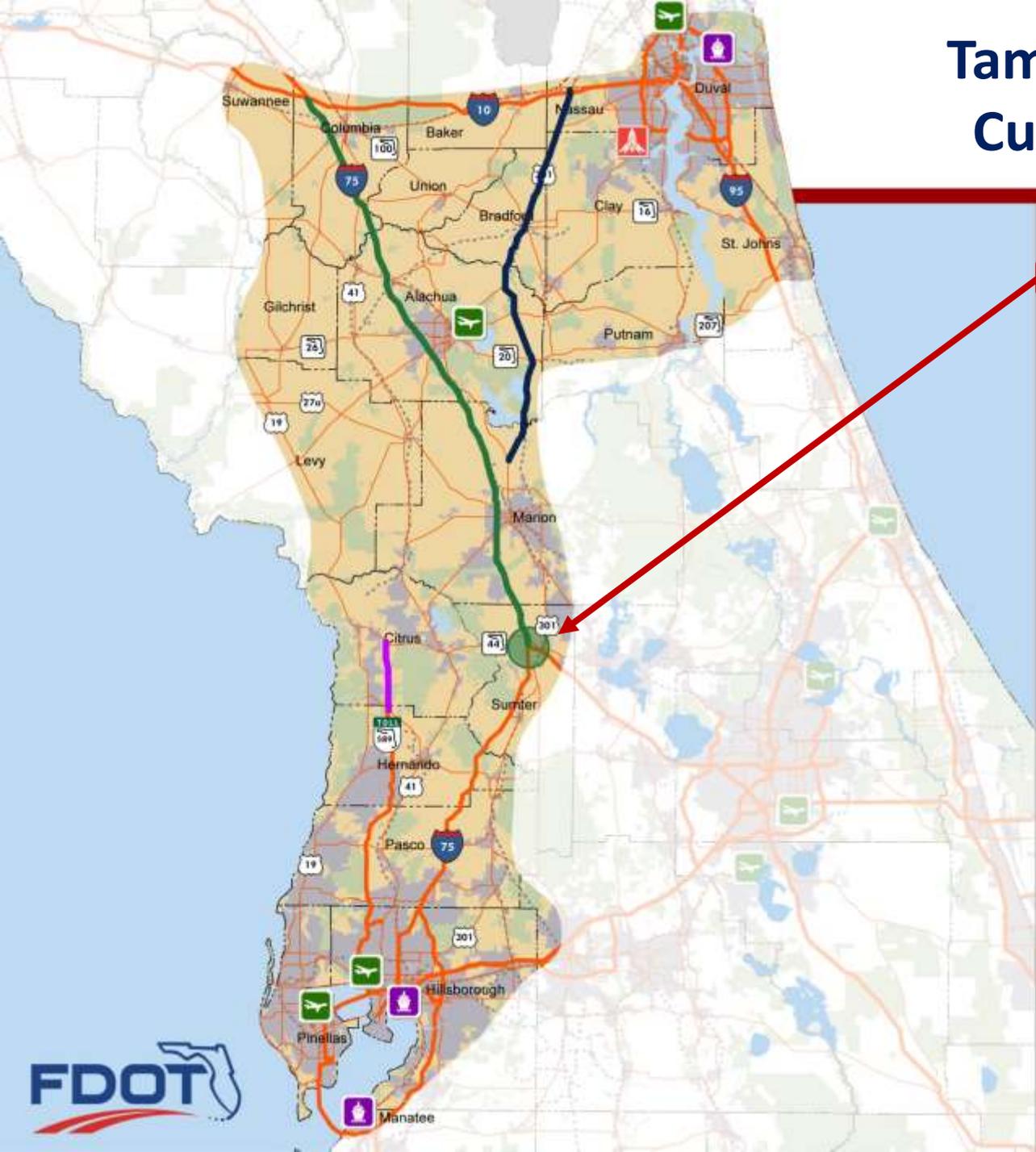
Stakeholder Input: Key Issues

- Critical role of I-75; growing concerns about safety, delay, reliability
- Multiple connectivity needs within study area, which together may create demand for a complete corridor from Tampa Bay to Northeast Florida
- Counties, business organizations have strong interest in economic benefits of better connectivity

Stakeholder Input: Key Issues

- Environmental partners recognize I-75 challenges and value of reliever corridor, but have significant concerns:
 - National/state forests, wildlife corridors, watersheds, springs
 - Historic, cultural, archaeological resources
 - Lack of a clear regional growth vision for North Central Florida
 - Impact on Big Bend from potential connections to US 19
- Potential partnership opportunities
 - Multimodal (rail, trail)
 - Regional mitigation strategies (habitat, water)
 - Co-location with utilities (transmission lines, pipelines)
 - Landowner agreements

Tampa-NE Florida Current Priority



Current Priority

- I-75/Turnpike Interchange Realignment
- I-75 Operational Improvements
- Suncoast 2 Design to SR 44
- U.S. 301 Transportation Alternatives Study

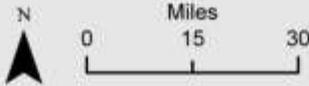
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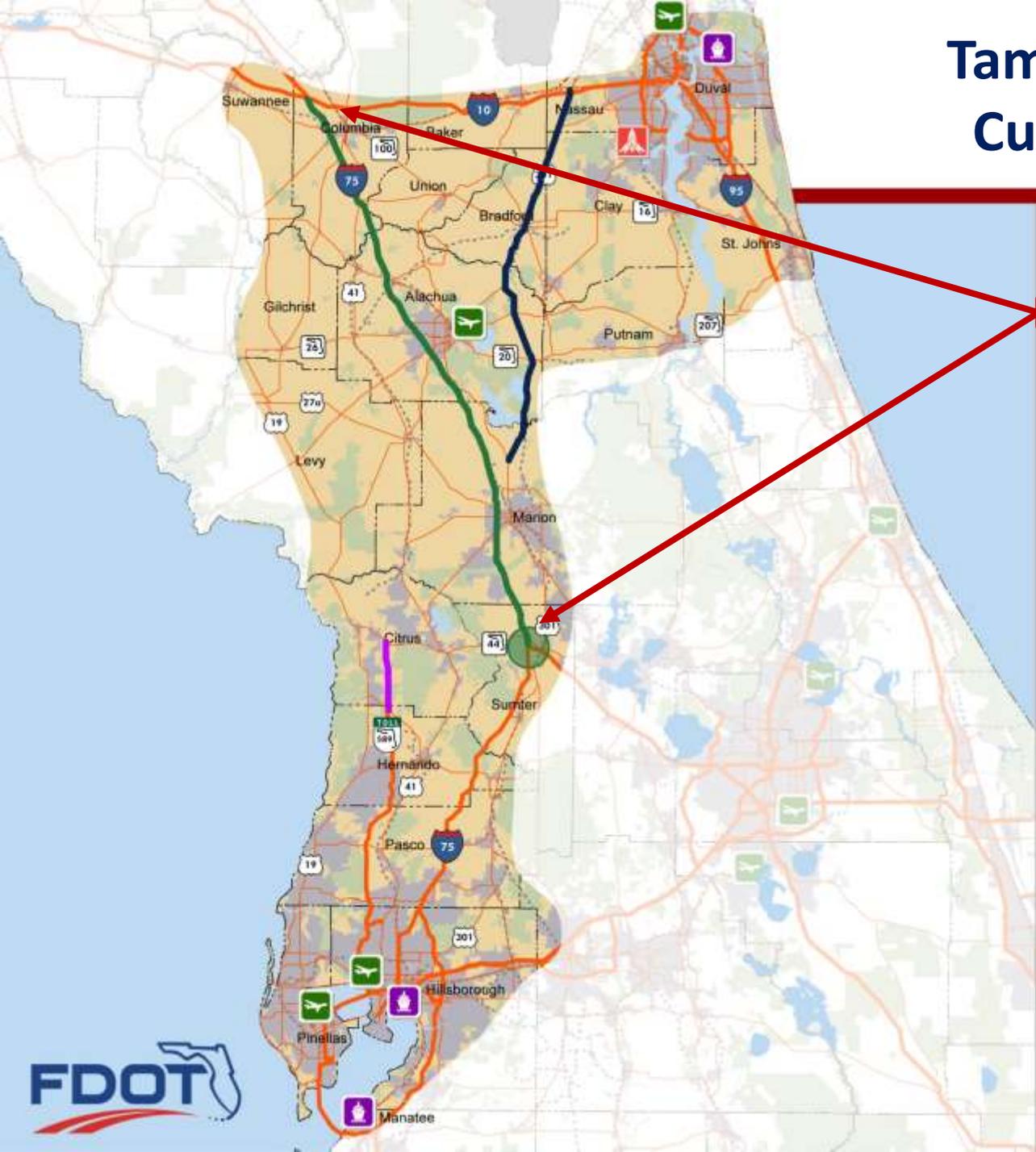
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August 6, 2014



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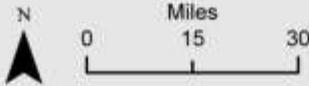
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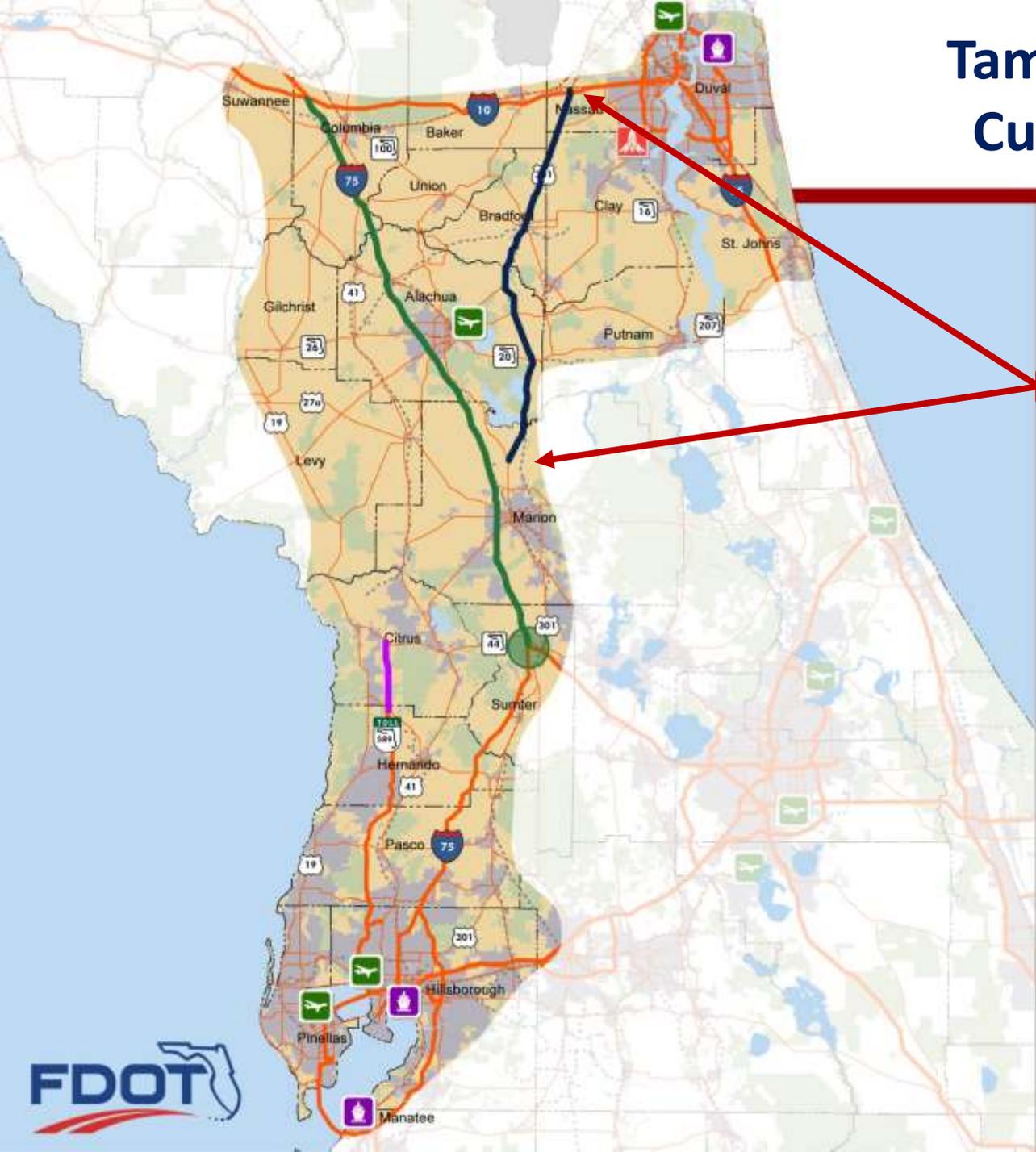
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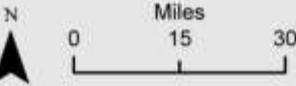
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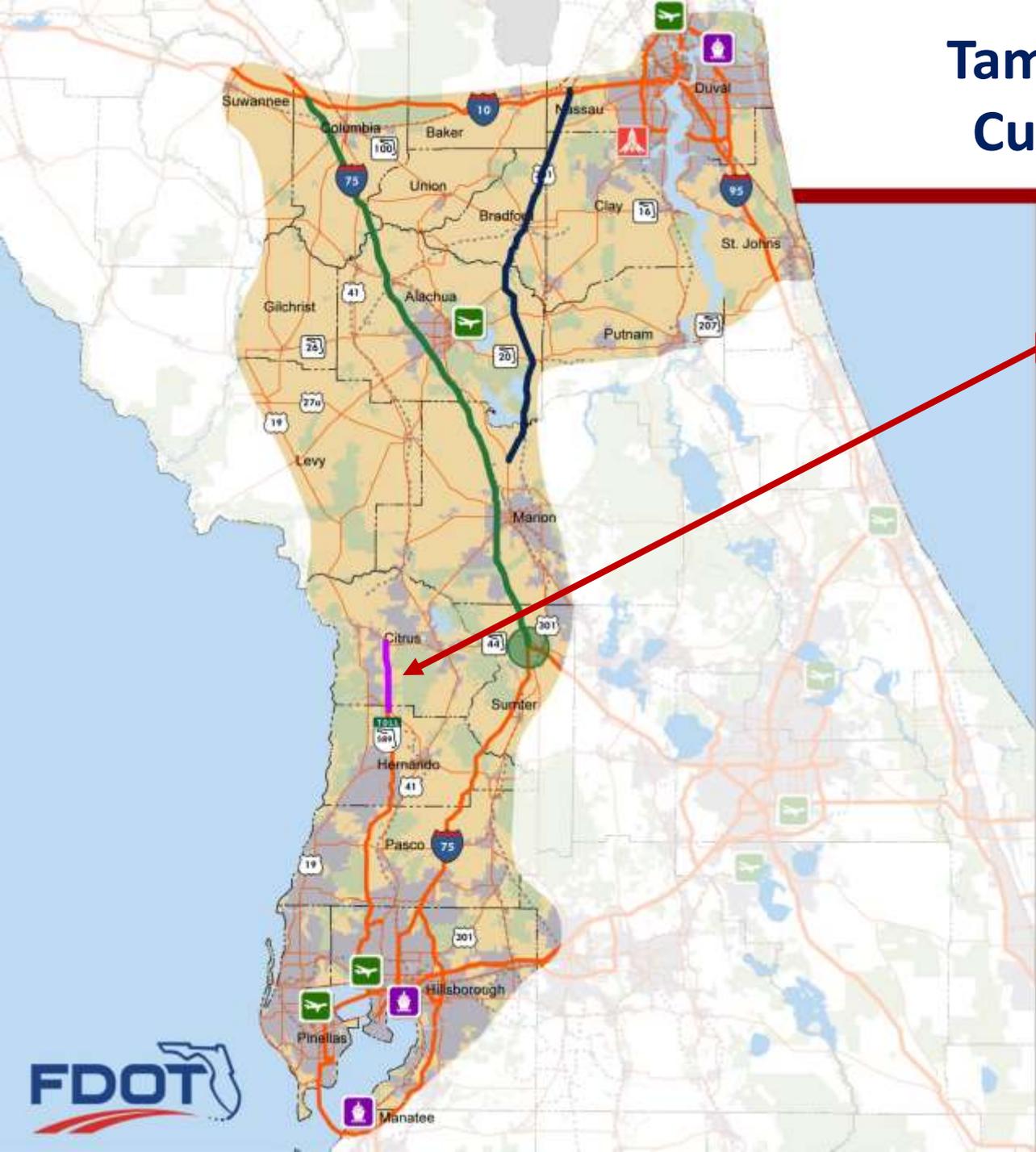
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Tampa-NE Florida Current Priority



Current Priority

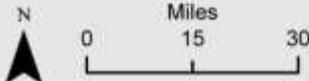
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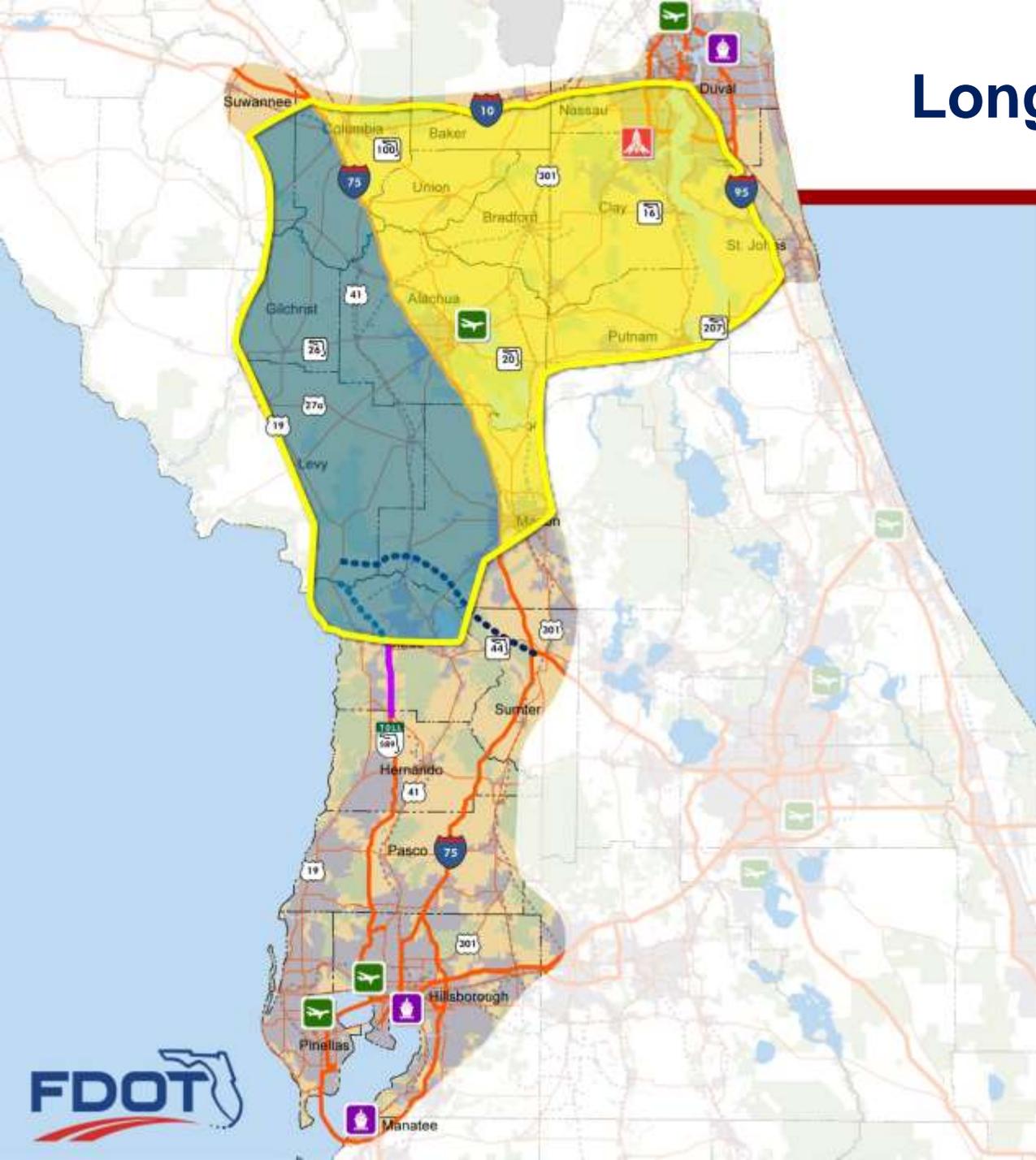
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Long-Term Issues



Long-Term Issues

-  Suncoast to Northeast Florida Study Area (Western Portion)
-  Suncoast to Northeast Florida Study Area (Eastern Portion)
-  Suncoast 2 SR 44 to US 19 Reassessment
-  Nature Coast Parkway Reassessment

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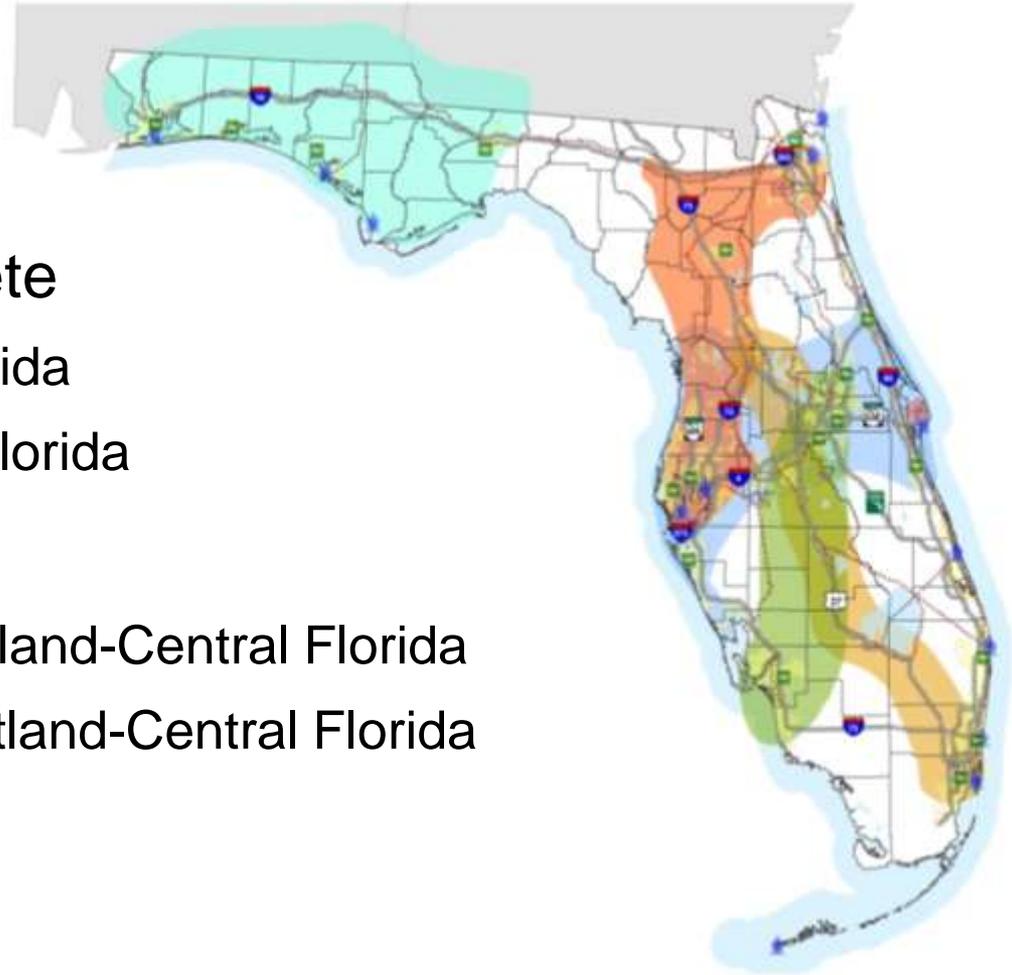
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August 8, 2014



Future Corridor Study Areas

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Heartland 2060

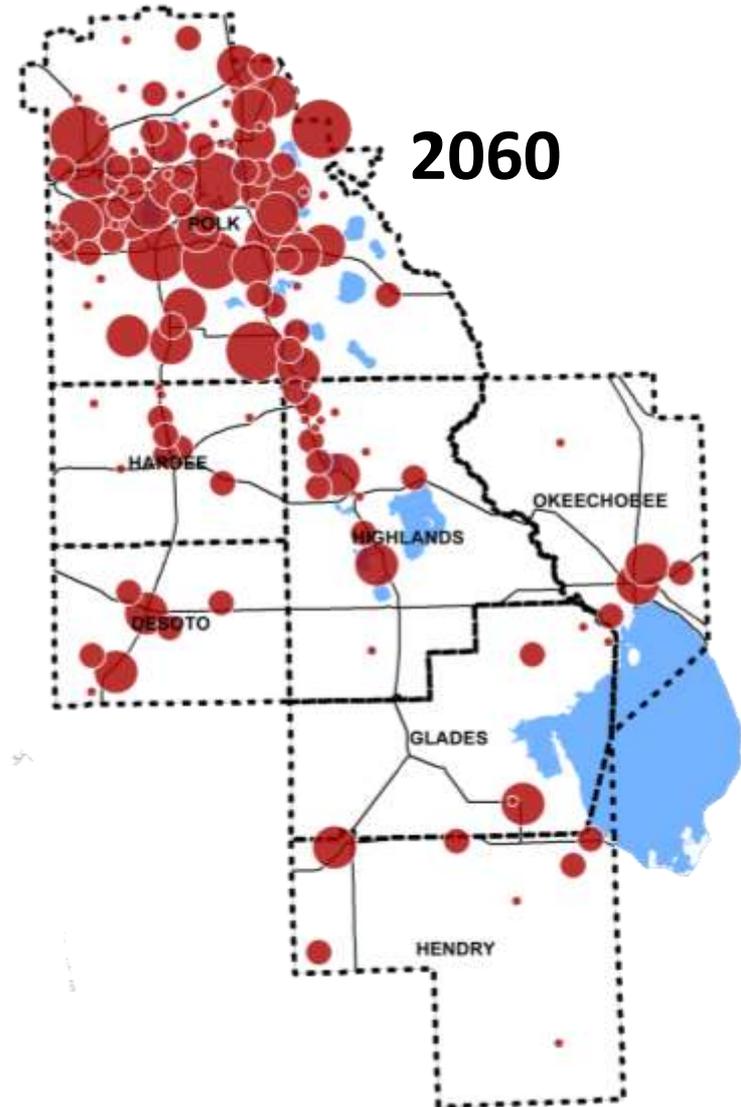
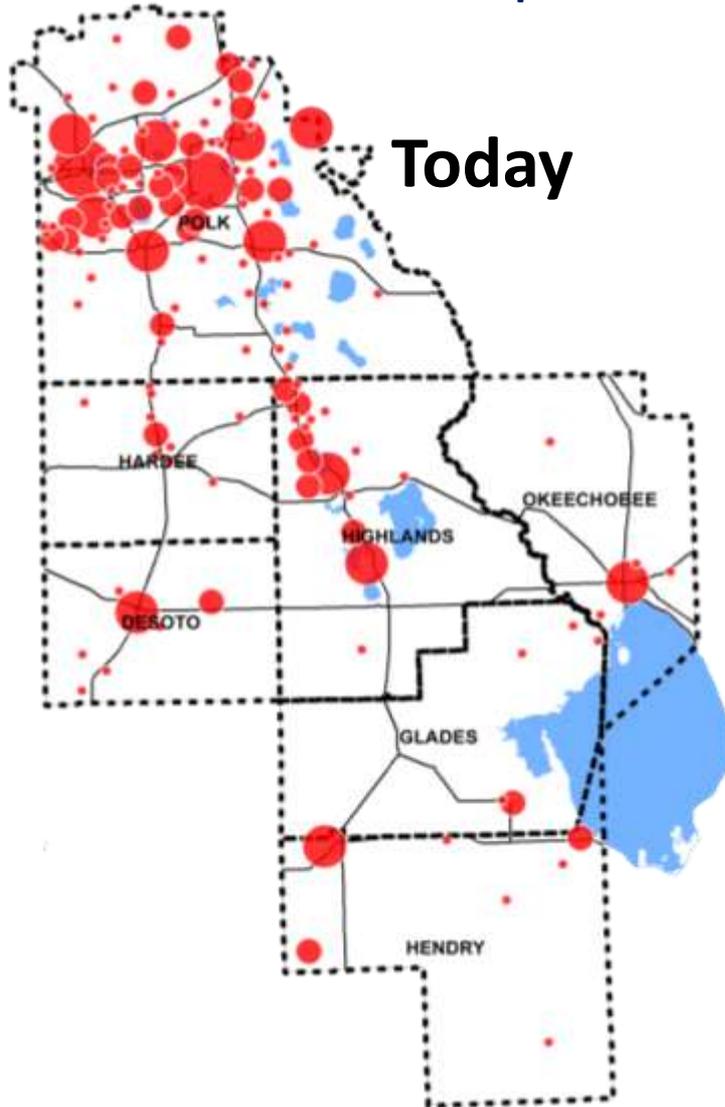
Building a Resilient Region





The population in Heartland is projected to double to 1.73 million persons by 2060.

Population

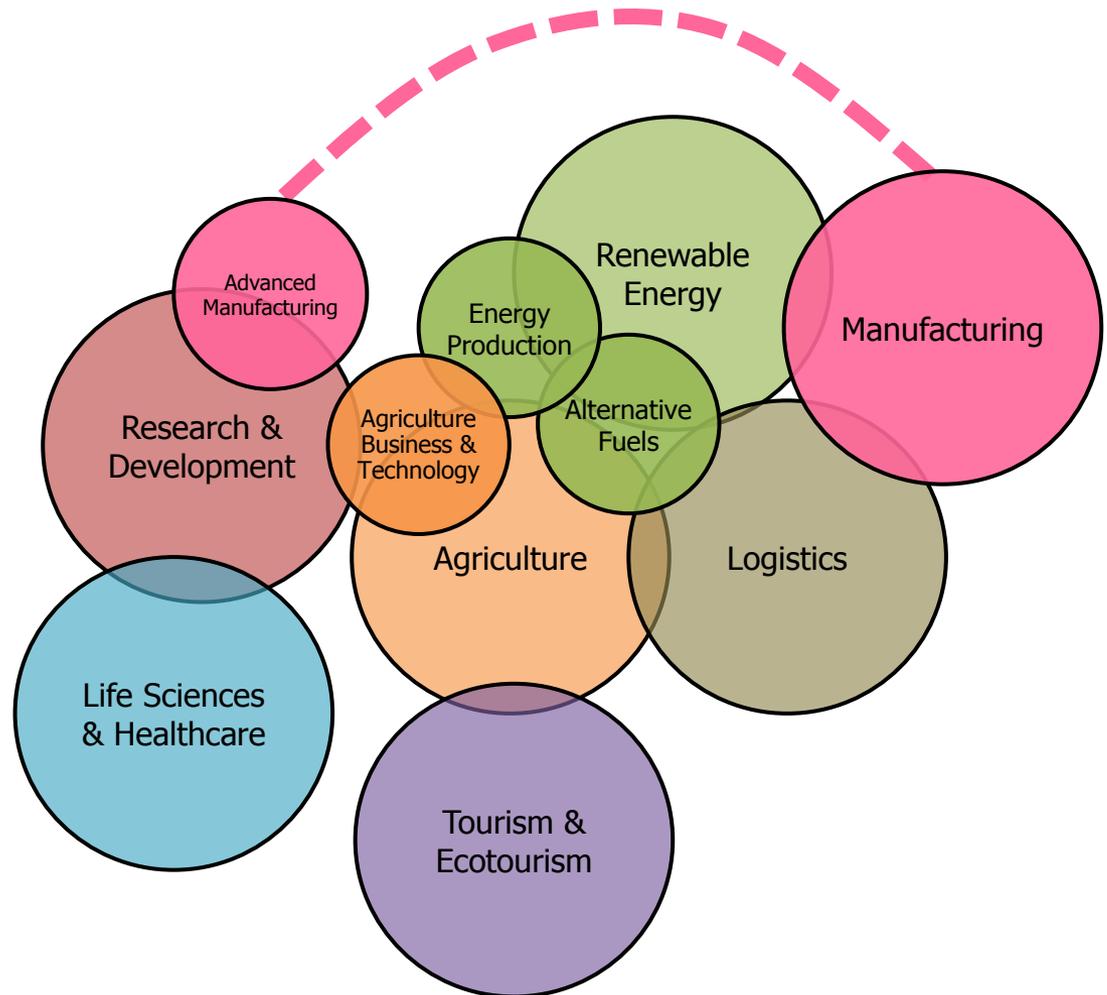




The Heartland Tomorrow... Future Industry Clusters

*Where we could be
going...*

**Economic
Opportunities**
(from the CEDS)



Current Economy

A future that...

Resembles the Present.

“If we continue with business-as-usual, including healthcare, natural resources, and ecotourism, then we can expect our future to look like...”

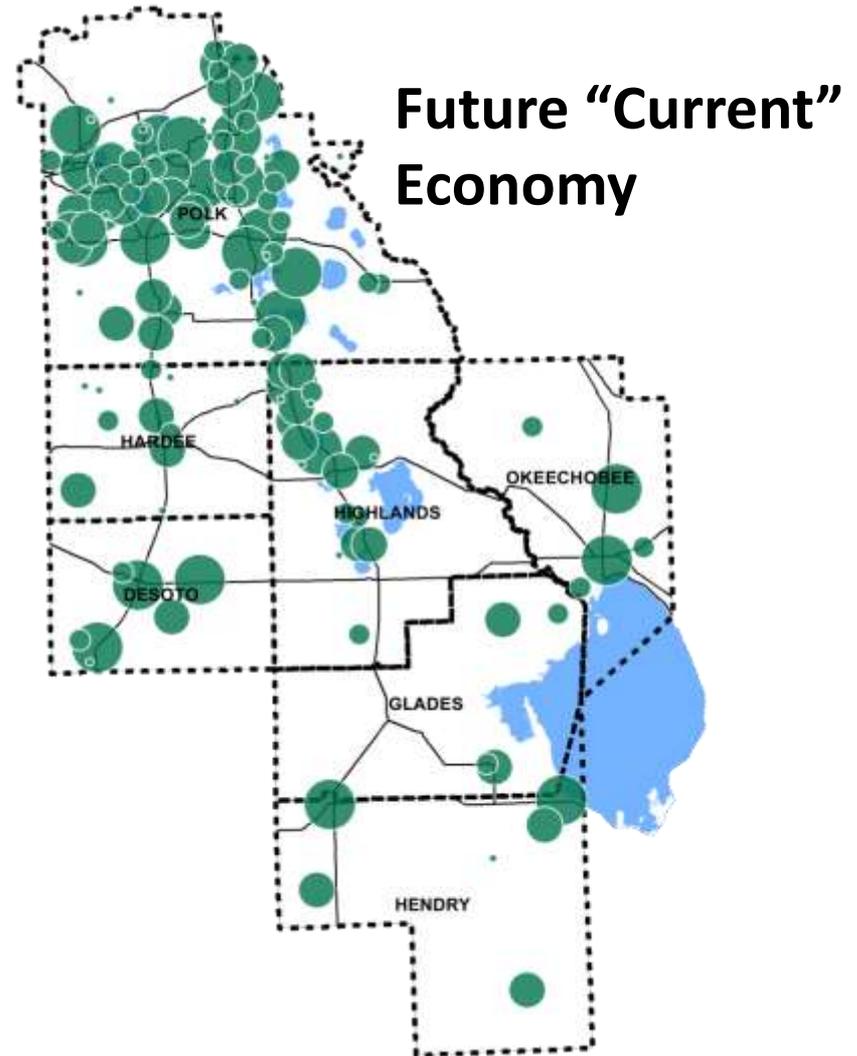
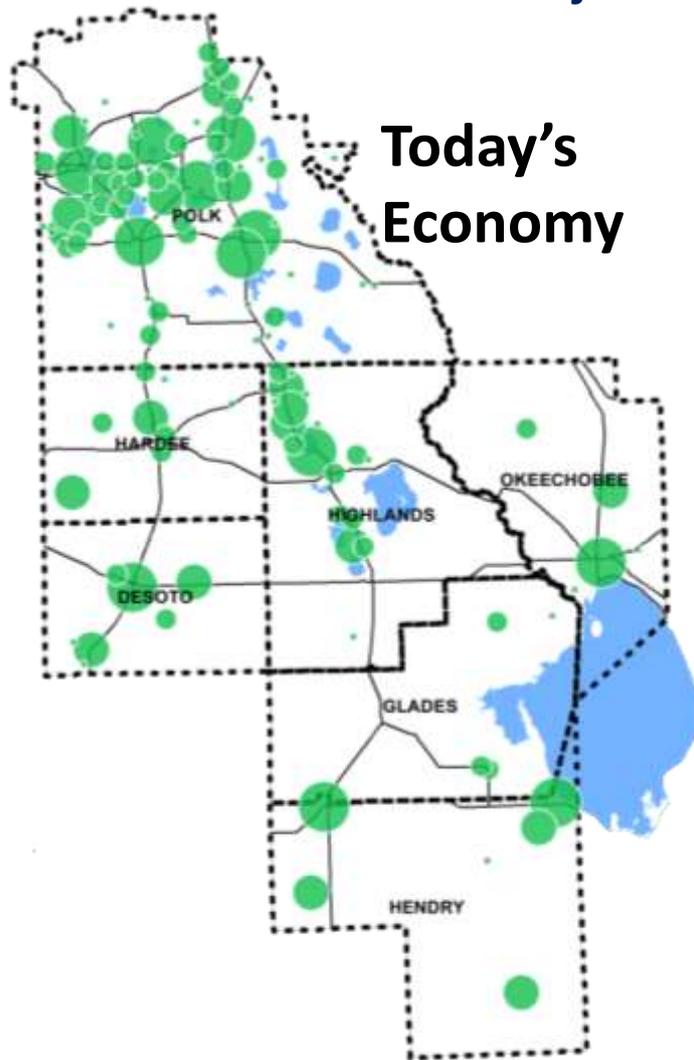


- Following current and historical trends in:
 - population
 - employment
 - land use
- Continuing economic prominence of agriculture, healthcare, mining, warehousing, ecotourism, and service industries



Today's economy reflects over 350,000 jobs. The number of jobs is projected to nearly double to 690,000.

Projected 2060 Employment



Trade Economy

A future that is...

Making & Moving Goods.

“If we focus on employment hubs for manufacturing, transportation, and warehousing, then we can expect our future to look like...”



- Using current and future industrial areas and logistics and trade networks
- Maintaining high capacity transportation networks for moving goods
- Enhancing distribution of air cargo
- Connecting ports
- Establishing advanced manufacturing and warehousing facilities

Energy Economy

A future that is...

Focused on Energy.

“If we focus on supplying technologies and goods that create energy and become energy exporters, then we can expect our future to look like...”

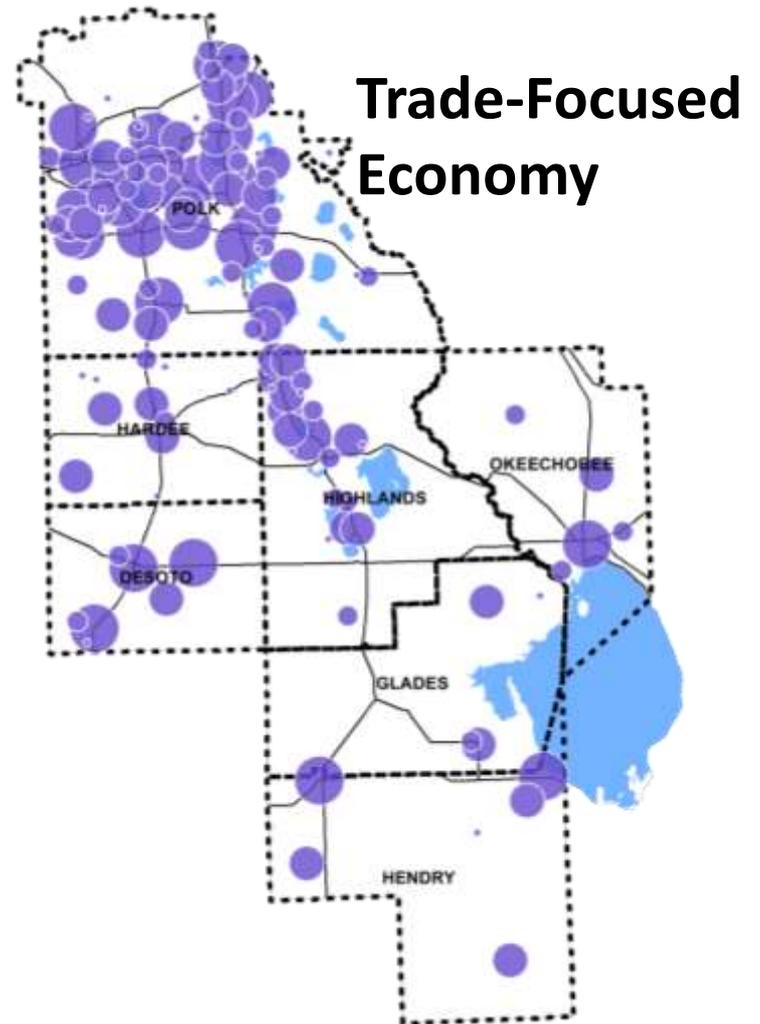
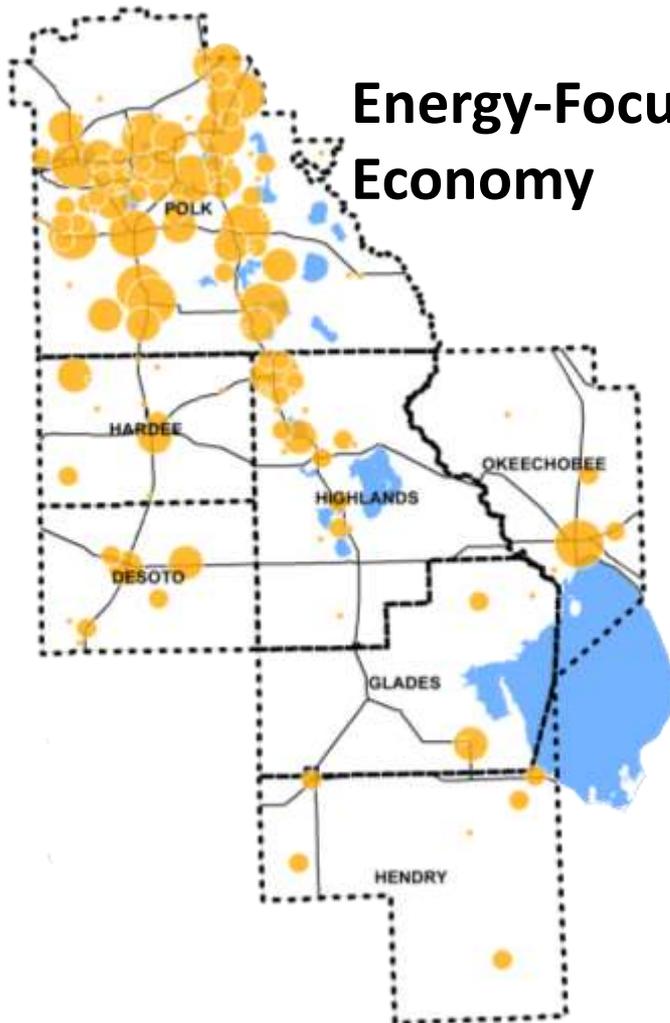


- Developing an alternative fuels industry based on agriculture
- Manufacturing and installing renewable energy technologies
- Using high-tech energy technologies to become an energy exporter
- Energy efficiency and conservation technologies



Projected jobs increase by 11% in the Energy-Focused Economy and 10% in the Trade Economy

Projected 2060 Employment



Challenges

Employment in the region's traditional industries has declined, and unemployment in some sectors may continue to increase. The region's workforce may not have the skills necessary to adapt to the shift in key industries that is taking place. Employment will become increasingly difficult to obtain for workers with lower levels of education and training. The Heartland has 10% fewer persons in the workforce than the state average. The poverty cycle will continue if educational attainment does not improve.

Heartland children are 12% less proficient in math than the state.

Environment & Natural Resources

Trends

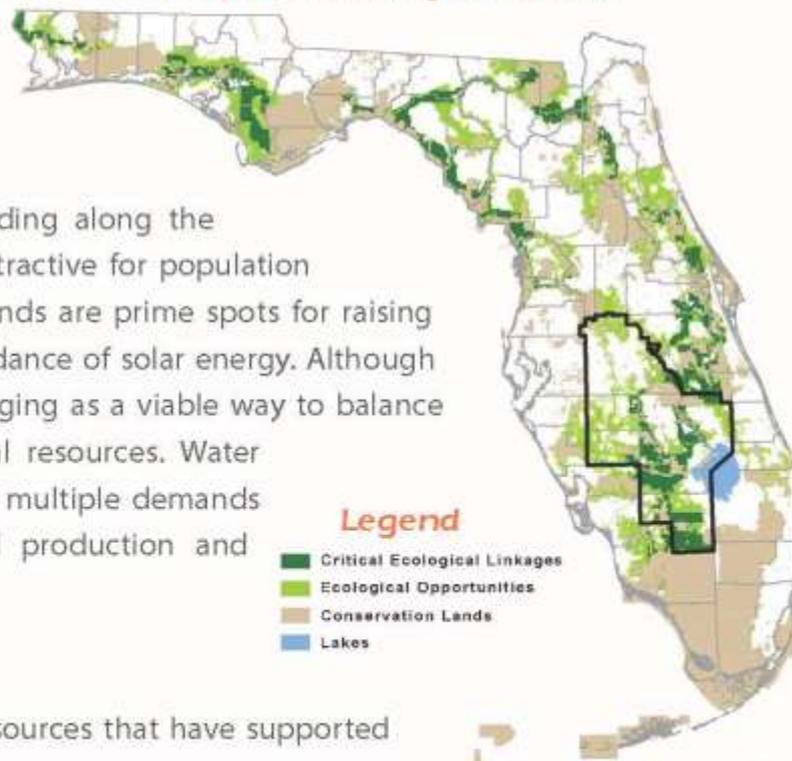
As the population, and the cost of developing and residing along the coasts continues to rise, the region may become more attractive for population and economic development. The Heartland agricultural lands are prime spots for raising crops, food, or fuel. Our unique location provides an abundance of solar energy. Although agricultural employment has declined, ecotourism is emerging as a viable way to balance employment and preservation of natural resources. Water resources continue to be stressed by multiple demands of population growth, agricultural production and industrial operations.

Sun, soils, and central location make the Heartland very suitable for growing biofuel crops.

Opportunities

The region has abundant natural resources that have supported

Florida Greenways Network



Source: Florida Office of Greenways and Trails

Transportation & Land Use

Transportation

Trends

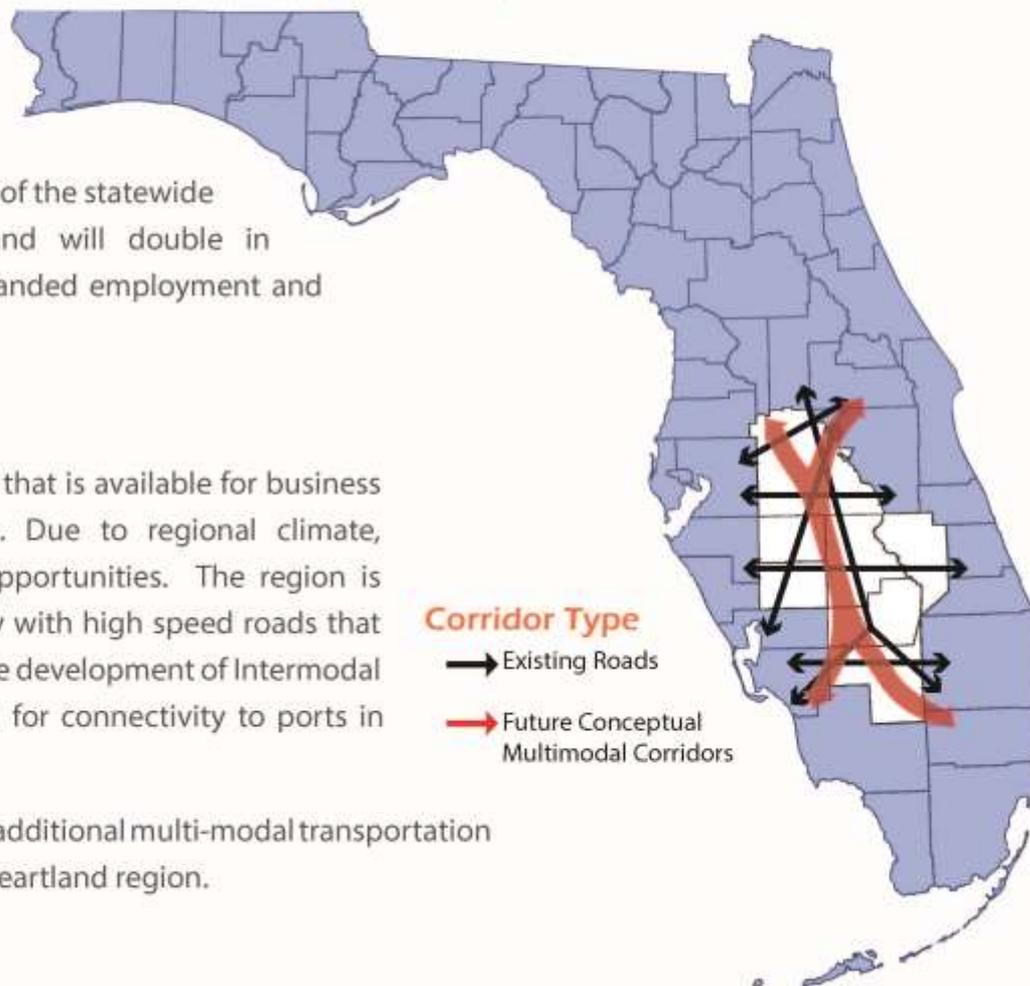
The regional transportation network moves freight and people both within and through the region as part of the statewide transportation system. The Heartland will double in population creating demand for expanded employment and residential areas.

Opportunities

The region has a large supply of land that is available for business development at competitive prices. Due to regional climate, alternative energy provides many opportunities. The region is developing a logistics reliant industry with high speed roads that facilitate freight transportation and the development of Intermodal Logistics Centers (ILCs) and planning for connectivity to ports in order to move goods.

To accommodate the forecast growth, additional multi-modal transportation corridors may be needed across the Heartland region.

Regional Transportation Network



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Home
Comments

Planning Process Tampa Bay to Central Florida Study Area Tampa Bay to Northeast Florida Study Area Future Study Areas

NEWS

Florida Governor Rick Scott signs Executive Order authorizing the East Central Florida Corridor Task Force.
[Click here to view the Executive Order.](#) [Click here to view the Task Force Website.](#) [Click here to view the Press Release.](#)

Welcome to Florida's Future Corridors Initiative

The Future Corridors initiative is a cooperative effort between FDOT and statewide, regional, and local partners to envision and plan the future of Florida's major statewide transportation corridors over the next 50 years.

This web site will help you learn more about this process, stay current on news and events, and become involved in this exciting effort.

[Brochure](#) [Presentation](#) [Glossary](#)

About the Initiative

What is the Future Corridors Initiative?

The Future Corridors initiative is a statewide effort led by the Florida Department of Transportation (FDOT) to plan for the future of the major transportation corridors critical to the state's economic competitiveness and quality of life over the next 50 years. This initiative builds upon the 2060 Florida Transportation Plan and Secretary Prasad's "Florida's 21st Century Transportation Vision," which call for planning a transportation

