

# South Florida Inland Port Feasibility Study

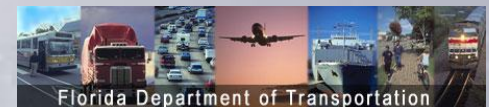
*Project Purpose: Problem Statement and Study Goals*

## ● Problem

- South Florida's freight system is constrained with limited expansion opportunities for existing facilities
- Development of new centralized freight hub(s) should be considered to benefit the region

## ● Study Goals

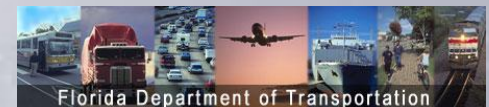
- Define necessary characteristics required for an inland port
- Identify potential locations for developing an inland port
- Determine if an inland port can effectively serve the port network in South Florida
- Develop recommendations for next steps



# South Florida Inland Port Feasibility Study

## *Why an Inland Port?*

- Expand existing seaport capacity
- Increase freight system reliability
- Improve intermodal connectivity
- Improve congestion management activities
- Improve local and regional distribution patterns
- Create new market opportunities
- Support regional economic development



# South Florida Inland Port Feasibility Study

## *Types of Inland Ports*

- **Satellite Marine Terminal/ Maritime Feeder Inland Port**
  - Designed to relieve congestion from one or more seaports by relocating multiple services to an inland location
  - Provides access to international markets, increases overall seaport capacity, and improves or enhances market access
  - Success is contingent upon having efficient and reliable access to the affiliated port(s) and hinterland markets



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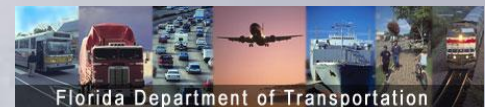
## *Types of Inland Ports*

- **Multimodal Logistics Parks**

- Developments focused on enhancing transportation infrastructure
- Traditionally sited at or near major transportation facilities with access to large markets

- **Economic Development Initiative / Virtual Inland Port**

- Market entire community as a “virtual inland port”
- Requires effective marketing campaign and a regional champion functioning as a broker





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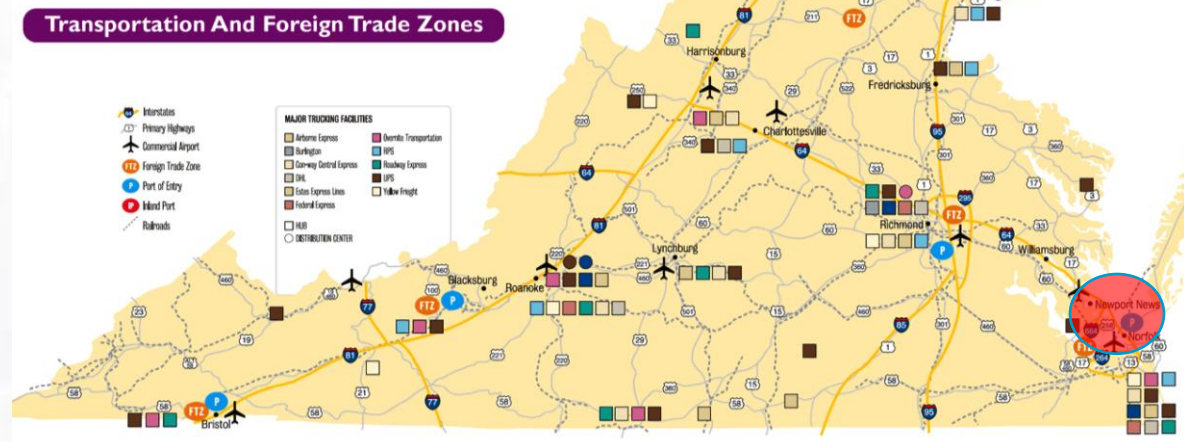
## *Virginia Inland Port*

- Operates as an intermodal container transfer facility
- Containers are moved by rail or truck between the facility and the seaport
- Originally developed to better compete for hinterland traffic by “bringing the port” to the customer
- Facility struggled until major marketing campaign targeting the shipping community
- Relies on Interstate and Class I rail service



Source: Virginia Port Authority

Source: Virginia Economic Development Partnership



# South Florida Inland Port Feasibility Study

*Alliance Texas*

- **Master-planned development including commercial, industrial and residential elements**
- **Multimodal freight services including air cargo, Class I rail, and efficient highway connections**
- **Has foreign trade zone status and customs service**
- **Markets itself based on location, transportation service, market response, and customer service**
- **Strong support from local, regional, and state economic development agencies**

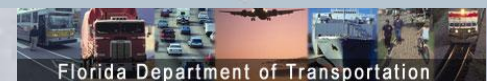


Source: Alliance Texas/Hillwood Properties

# South Florida Inland Port Feasibility Study

## *KC SmartPort*

- Economic initiative designed to market and develop the Kansas City region as a freight hub
- Attract transportation business by making it cheaper, faster, and more efficient to use KC
- KC is major transportation hub with a significant network of highways and railroads
- Aggressive media campaign used to promote entire region
- Maintain database of freight facilities and services
- Provide attractive financial packages and provide development friendly environment





# **South Florida Inland Port Feasibility Study**

## ***Preliminary Market Assessment***

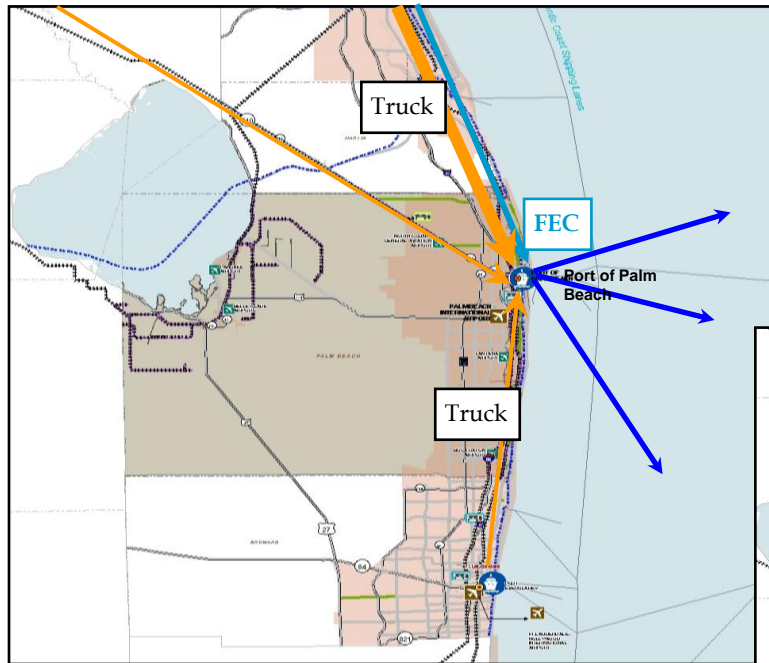
- **Key observations**
  - Existing traffic hard to move
  - New customers have greater potential
  - Strong support for improved distribution network
- **Key regional developments**
  - Winter Haven integrated logistics center
  - Port Everglades ICTF
  - Port of Miami Tunnel
  - SR 710 Industrial Developments



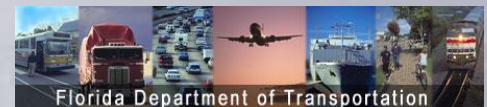
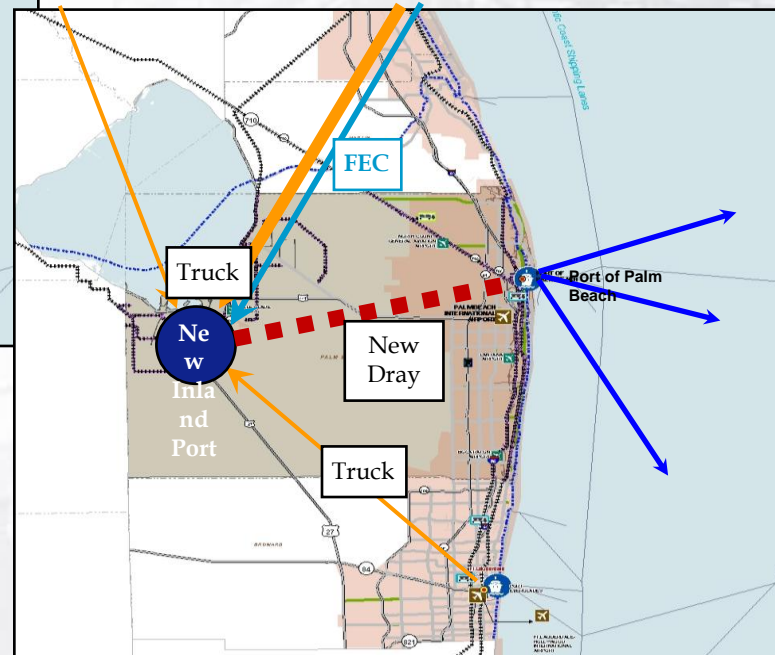


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## *Impacts on the Supply Chain*



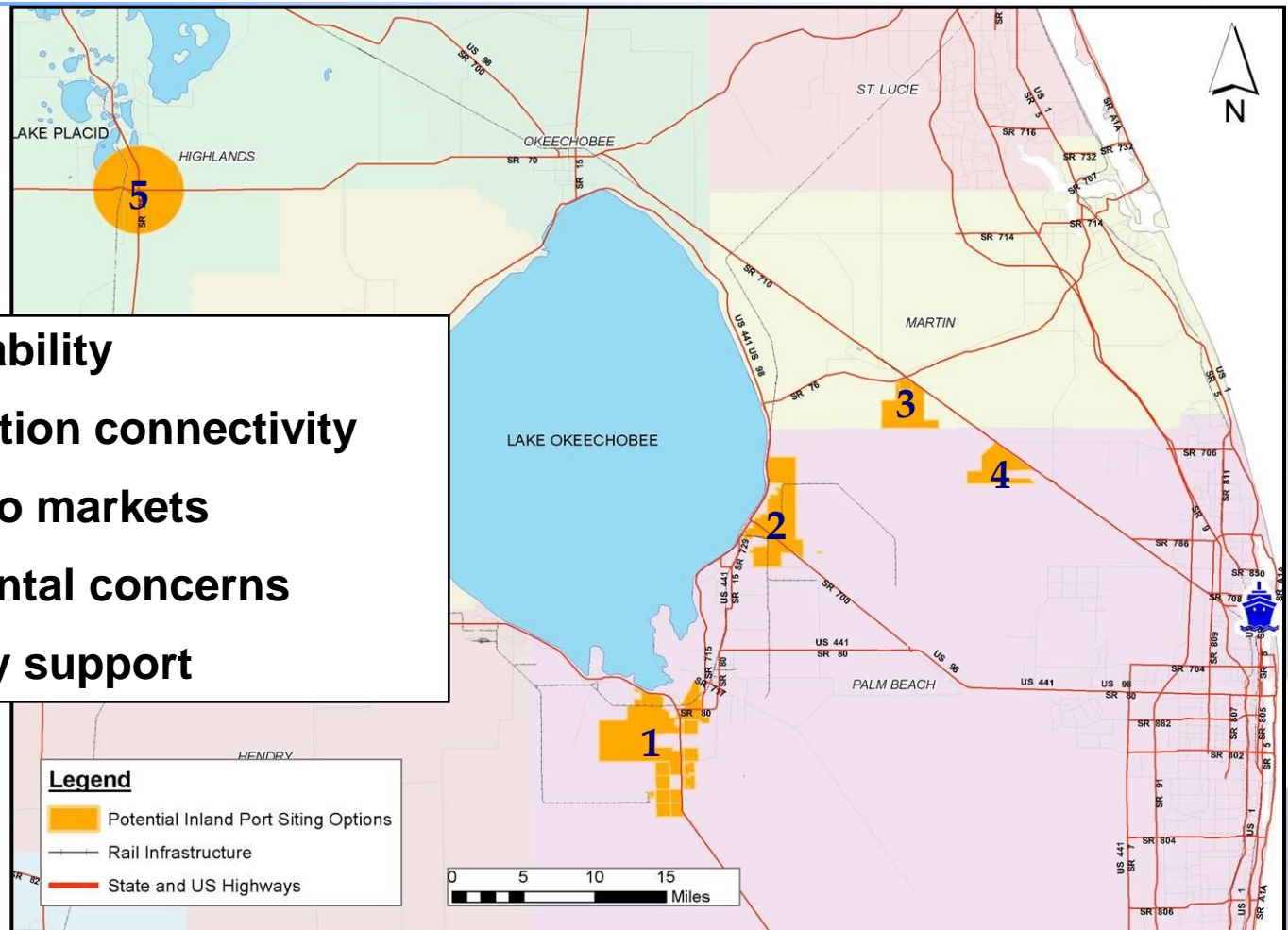
● New supply chain nodes must add value...



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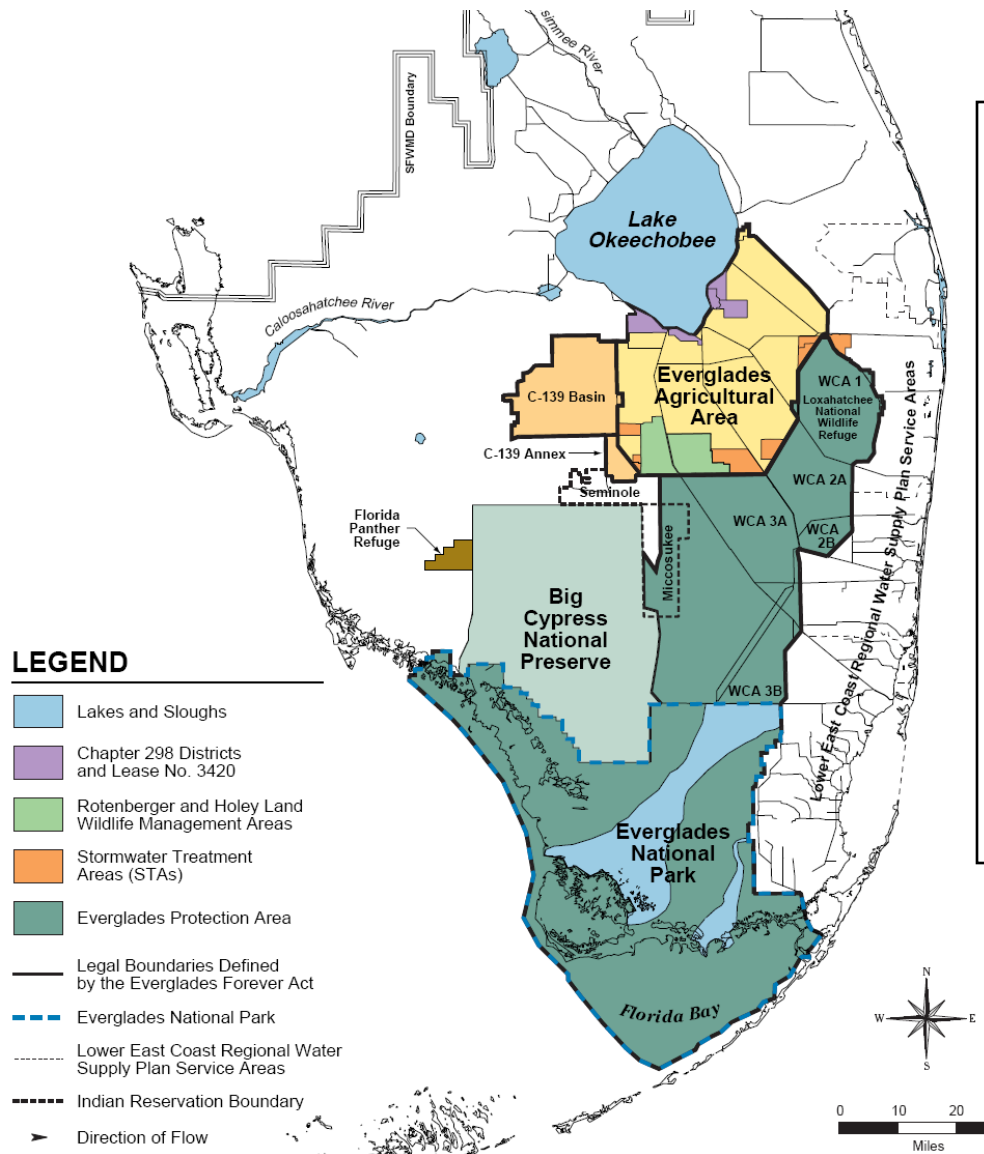
## *Identification of Potential Sites*

- Land availability
- Transportation connectivity
- Proximity to markets
- Environmental concerns
- Community support

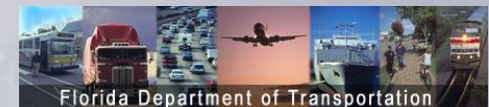


# South Florida Inland Port Feasibility Study

## *Environmental Factors*

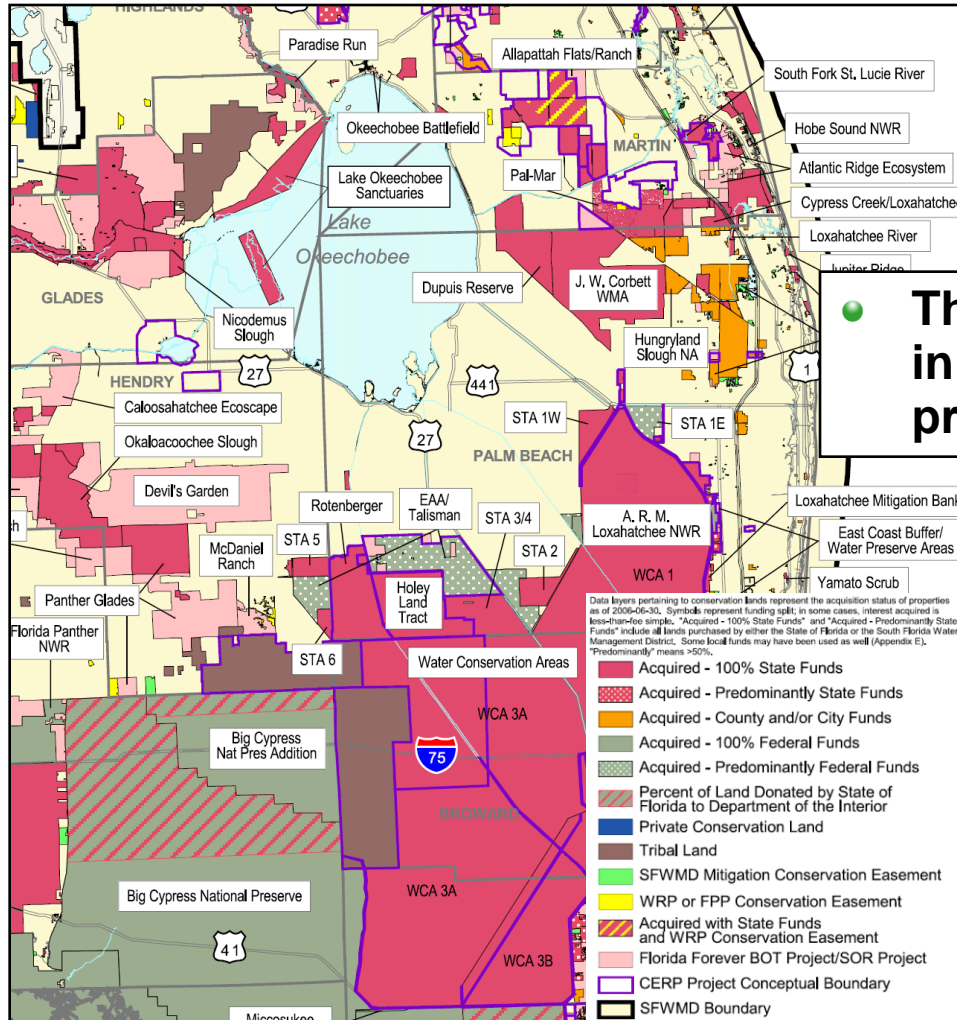


- **Effective growth management and environmental protection are critical**
- **Developers must adhere to strict environmental protocols**
- **Preservation of natural resources and cultural diversity is critical**
- **Transportation investments should focus on existing corridors**



# South Florida Inland Port Feasibility Study

## *Environmental Factors*



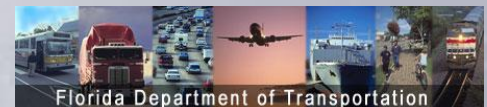
There are many natural areas in South Florida that must be protected and preserved...



# **South Florida Inland Port Feasibility Study**

## ***Economic Development Opportunities***

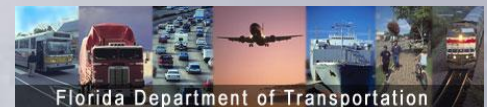
- **Rural Area of Critical Economic Concern**
- **Targeted industries work underway**
- **Region lacks industrial lands**
- **Community leaders support smart industrial development**
- **Business attraction activities restricted**
- **Large work force available but requires training**



# **South Florida Inland Port Feasibility Study**

## ***Stakeholder Support***

- **Widespread support for continued exploration of freight mobility improvements**
- **Lack of a clear consensus on specific infrastructure improvements**
- **Economic development interests are the driving force for many stakeholders**



# **South Florida Inland Port Feasibility Study**

## ***Draft Recommendations***

- **State should work with local and regional partners to promote consideration of a mixed use freight hub that would**
  - **Directly serve Port of Palm Beach**
  - **Maximize use of existing transportation corridors**
  - **Expanded logistics facility will have to be supported by appropriate facilities to attract new market**
  - **Promote regional economic development**
  - **Be dependent on public and private investments**



# South Florida Inland Port Feasibility Study

## *Potential Funding*

- **Public**

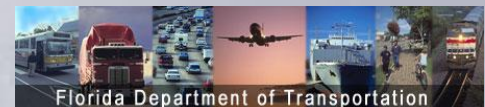
- Federal, SIS, FDOT District, TRIP, City/County

- **Private**

- Ports, Railroads, Developers
- Land owners

- **Partnerships**

- Incentives
- Matches





# **South Florida Inland Port Feasibility Study**

## ***Phase II Scope of Work***

- **NTP Signed on September 21, 2007**
- **Identify market potential for intermodal logistics complex**
- **Identify capital facilities and investments to capture market**
- **Determine the economic benefit**
- **Determine an appropriate financial strategy**
- **Draft concepts by January 2008**
- **Final report June 2008**

