



2010 SIS Strategic Plan Update

Adopted SIS and Emerging SIS Designation Criteria and Maps

Florida Department of Transportation



Contents

- Hubs
 - Airports
 - Spaceport
 - Seaports
 - Freight rail terminals
 - Passenger terminals

- Corridors
 - Highways
 - Rail
 - Waterways

- Connectors

- Planned facilities



Commercial Service Airports

- Apply to airports with scheduled commercial service
 - SIS criteria
 - Must meet minimum size threshold – 0.25% of national total for
 - Passenger enplanements (1.8 million, 2006)
 - OR
 - Enplaned and deplaned air cargo (82,000 tons, 2006)
- AND
- Must address community and environmental screening criteria



Commercial Service Airports (continued)

- Emerging SIS criteria

- Must be at least 50 miles driving distance from nearest SIS airport*

AND

- Must meet minimum size threshold – 0.05% of national total for
 - Passenger enplanements (370,000, 2006)

OR

- Enplaned and deplaned air cargo (16,000 tons, in 2006)

OR

- Must meet economic connectivity criteria – service to clusters of airport-dependent industries located in or adjacent to fast-growing counties

- * Exceptions to 50-mile criterion are made for hubs that serve unique market niches



Criteria for General Airport Relievers to SIS Airports

- Must meet all of the following criteria
 - Be identified by FAA as reliever facility to existing SIS airport
 - Handle at least 75,000 itinerant flight operations per year
 - Have a runway with length exceeding 5,500 linear feet
 - Have a runway that is capable of handling aircraft weighing 60,000 pounds with a dual wheel configuration and that is served by at least one precision instrument approach
 - Serve a cluster of aviation-dependent industries



Spaceport Criteria

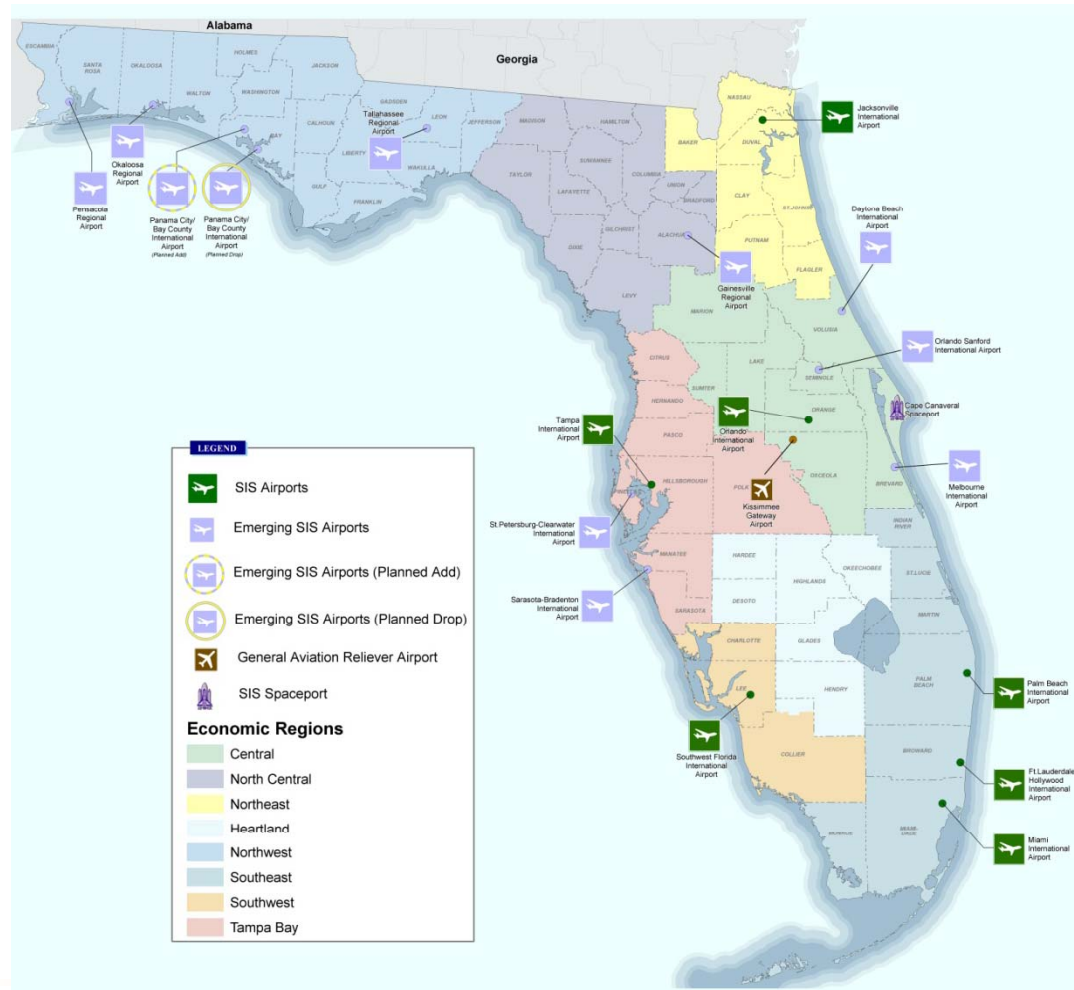
- SIS criteria
 - Must meet minimum size threshold – operating spaceports handling civil, commercial or military payloads

AND

- Must address community and environmental screening criteria
- Emerging SIS criteria
 - None



SIS and Emerging SIS Airports and Spaceport



Seaport Criteria

- Apply to deepwater seaports identified in statute
 - SIS criteria
 - Must meet minimum size threshold
 - 250,000 home-port cruise passengers per year
 - OR
 - 0.25% of national total waterborne freight tonnage (6.5 million tons, 2006)
 - OR
 - 0.25% of national total waterborne containers (110,000 TEUs, 2006)
- AND
- Must address community and environmental screening criteria



Seaport Criteria (continued)

- Emerging SIS criteria
 - Must be at least 50 miles driving distance from nearest SIS seaport*

AND

- Must meet minimum size threshold
 - 50,000 home-port cruise passengers per year

OR

- 0.05% of national total waterborne freight tonnage (1.3 million tons, 2006)

OR

- 0.25% of national total waterborne containers (22,000 TEUs, 2006)

OR

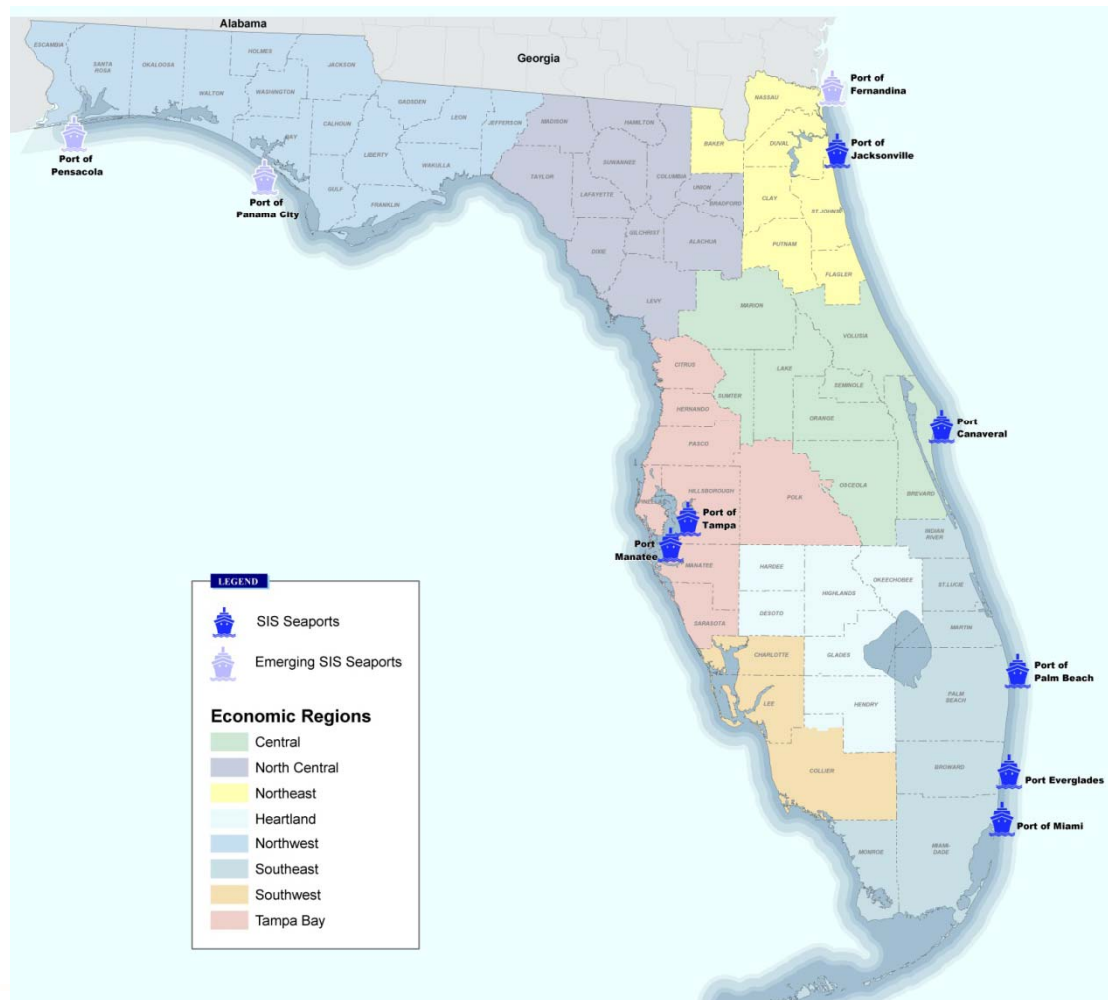
- Must meet economic connectivity criteria – service to clusters of seaport-dependent industries located in or adjacent to fast-growing counties



* Exceptions to 50-mile criterion are made for hubs that serve unique market niches



SIS and Emerging SIS Seaports



Interregional Passenger Terminal Criteria

- Apply to terminals providing scheduled interregional or interstate service and providing on-site ticketing and support services

- SIS criteria
 - Must meet minimum size threshold – 100,000 passengers per year

AND

 - Must address community and environmental screening criteria

- Emerging SIS criteria
 - Must be at least 50 miles driving distance from nearest SIS passenger terminal*

AND

 - Must meet minimum size threshold – 50,000 passengers per year

OR

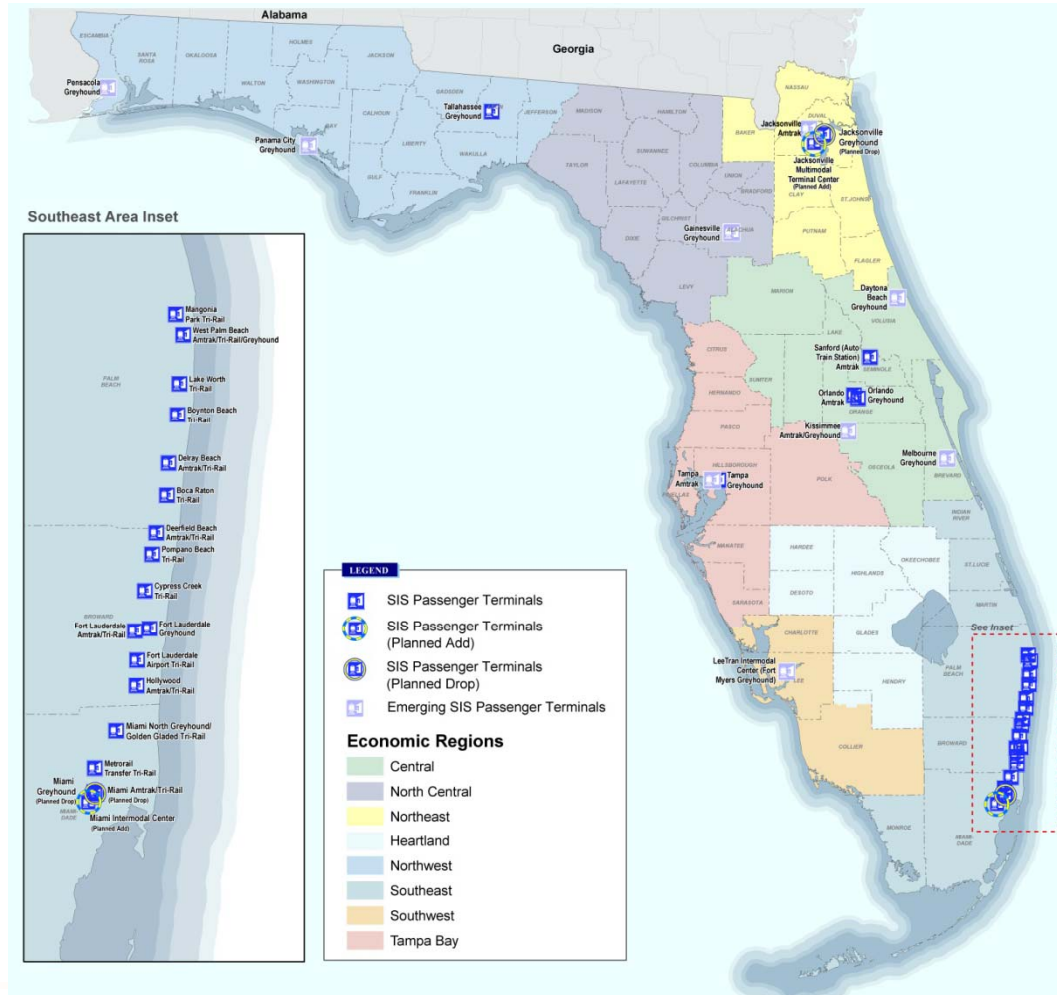
 - Must meet economic connectivity criteria – service to clusters of industries dependent on long-distance ground transportation and located in fast-growing regions



* Exceptions to 50-mile criterion are made for hubs that serve unique market niches



SIS and Emerging SIS Passenger Terminals



Freight Rail Terminal Criteria

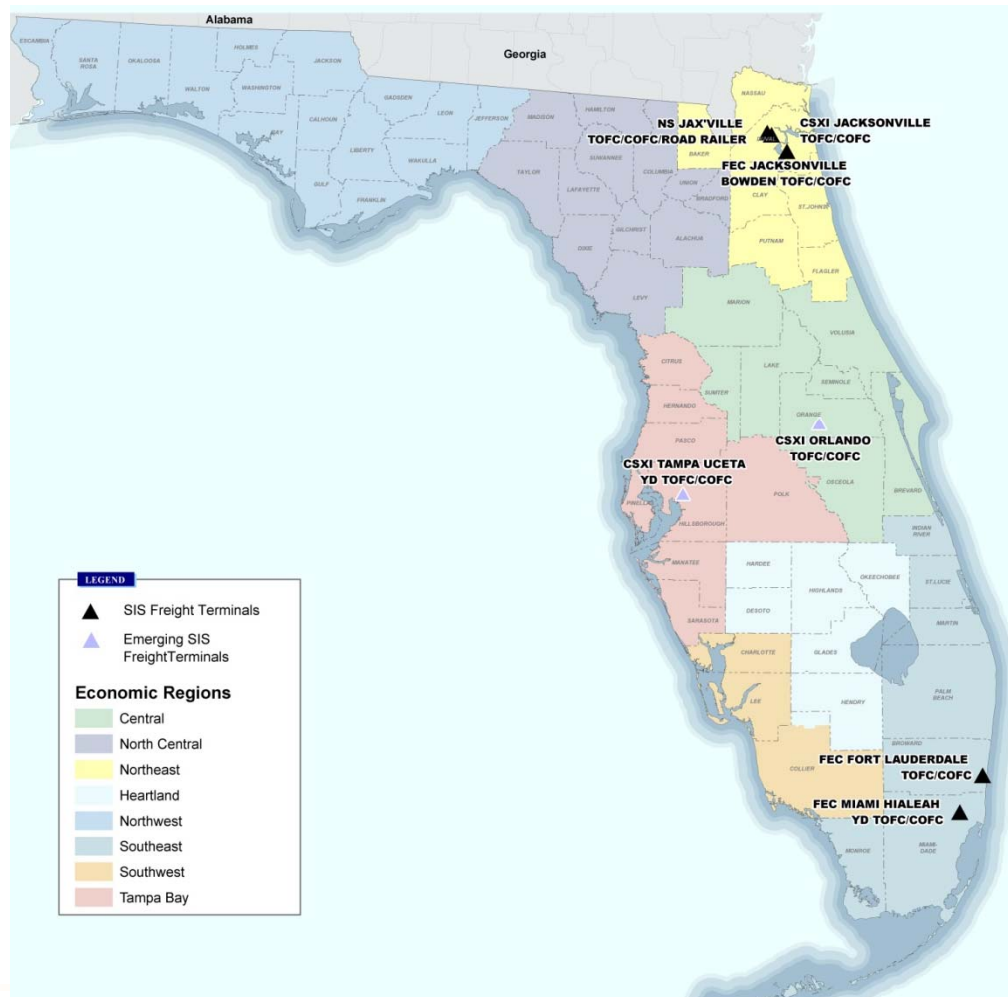
- Apply to intermodal terminals; developed but not applied for carload terminals
- SIS criteria
 - Must meet minimum size threshold – 0.25% of national total rail freight activity (4.1 million carload tons *OR* 425,000 intermodal tons, 2004)AND
 - Must address community and environmental screening criteria
- Emerging SIS criteria
 - Must be at least 50 miles driving distance from nearest SIS freight rail terminal*AND
 - Must meet minimum size threshold – 0.05% of national total rail freight activity (840,000 carload tons *OR* 85,000 intermodal tons, 2004)OR
 - Must meet economic connectivity criteria –service to clusters of rail-dependent industries located in fast-growing regions



* Exceptions to 50-mile criterion are made for hubs that serve unique market niches



SIS and Emerging SIS Freight Rail Terminals



Corridor Example: Highways

- Applies to Florida Intrastate Highway System
 - Special cases: National Highway System (interstate connectivity) and State Highway System (serving Rural Areas of Critical Economic Concern)

- SIS criteria
 - Must meet minimum size criteria
 - FIHS corridors with 9,000 AADT on at least 75% of corridor length
 - OR
 - FIHS corridors with 20% truck traffic on at least 75% of corridor length
 - OR
 - NHS facilities connecting to major markets in Alabama and Georgia
 - AND
 - Must address community and environmental screening criteria



Corridor Example: Highways (continued)

- Emerging SIS criteria
 - Must meet minimum size criteria
 - FIHS corridors with 6,000 AADT on at least 50% of corridor length

OR

- FIHS corridors with 13% truck traffic (minimum 800 trucks per day) on at least 50% of corridor length

OR

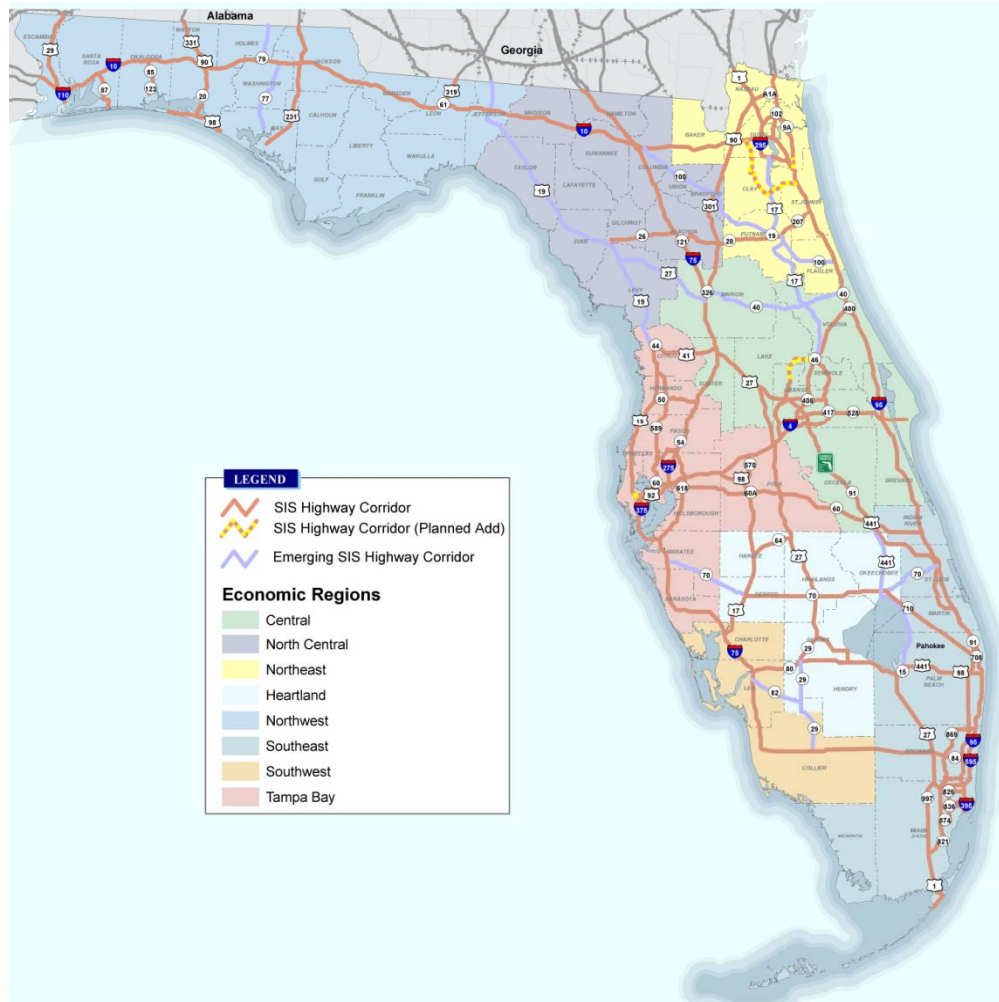
- SHS interregional corridors serving Rural Areas of Critical Economic Concern with 6,000 AADT

OR

- SHS interregional corridors serving Rural Areas of Critical Economic Concern with 13% truck traffic (minimum 1,000 trucks per day) on at least 50% of corridor length



SIS and Emerging SIS Highway Corridors



Passenger Rail Corridor Criteria

- SIS criteria
 - Must meet minimum size threshold
 - Provide scheduled interregional/interstate passenger service
 - ♦ *Includes connecting to a scheduled interstate service – e.g., Tri-Rail to Amtrak*

AND

- Must address community and environmental screening criteria
- Emerging SIS criteria
 - None



Freight Rail Corridor Criteria

- SIS criteria

- Must meet minimum size threshold -- freight density > 10 million gross ton-miles per mile per year

AND

- Must address community and environmental screening criteria

- Emerging SIS criteria

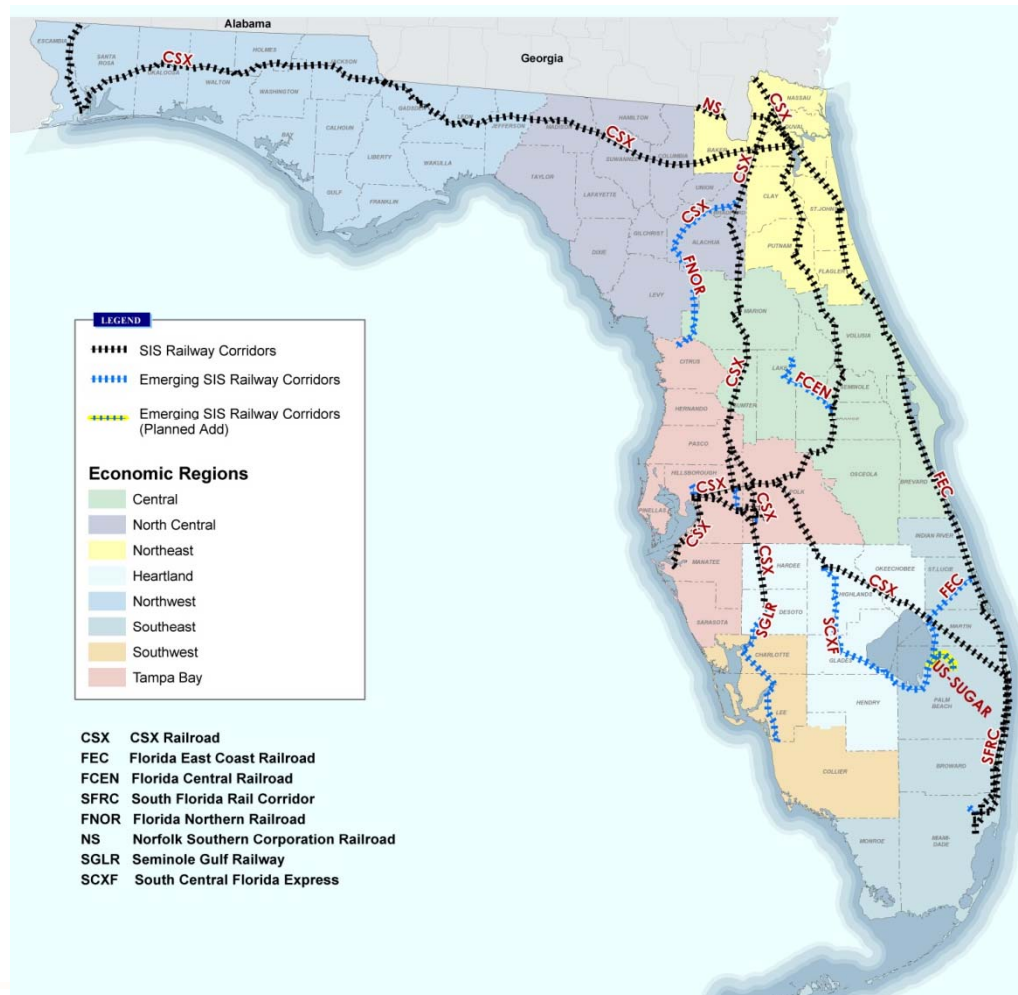
- Must meet minimum size threshold -- freight density > 5 million gross ton-miles per mile per year

OR

- Must meet economic connectivity criteria – service to clusters of rail-dependent industries located in fast-growing regions



SIS and Emerging SIS Rail Corridors



Waterway Criteria

- SIS criteria
 - Must meet minimum size threshold
 - All designated intracoastal waterways and coastal shipping lanes
 - Inland waterways
 - ◆ >0.25% of domestic waterway freight traffic on shallow waterway corridors (2.6 million tons, 2005)
 - ◆ >0.25% of total waterway freight traffic on deep draft waterway corridors (6.3 million tons, 2005)

AND

- Must address community and environmental screening criteria



Waterway Criteria (continued)

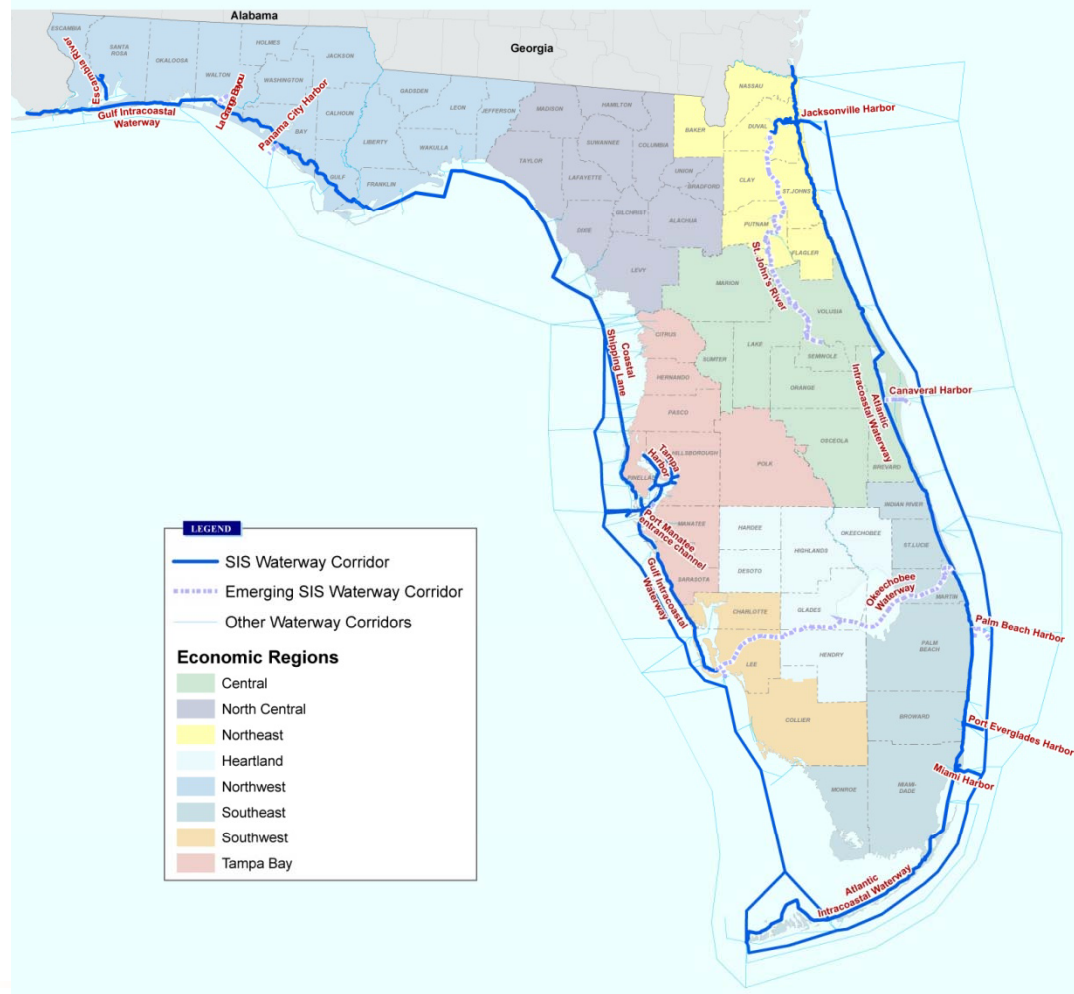
- Emerging SIS criteria
 - Must meet minimum size threshold for inland waterways
 - >0.05% of domestic waterway freight traffic on shallow waterway corridors (514,000 tons, 2005)
 - >0.05% of total waterway freight traffic on deep draft waterway corridors (1.3 million tons, 2005)

OR

- Must meet economic connectivity criteria -- service to clusters of water-transportation-dependent industries located in fast-growing regions



SIS and Emerging SIS Waterway Corridors



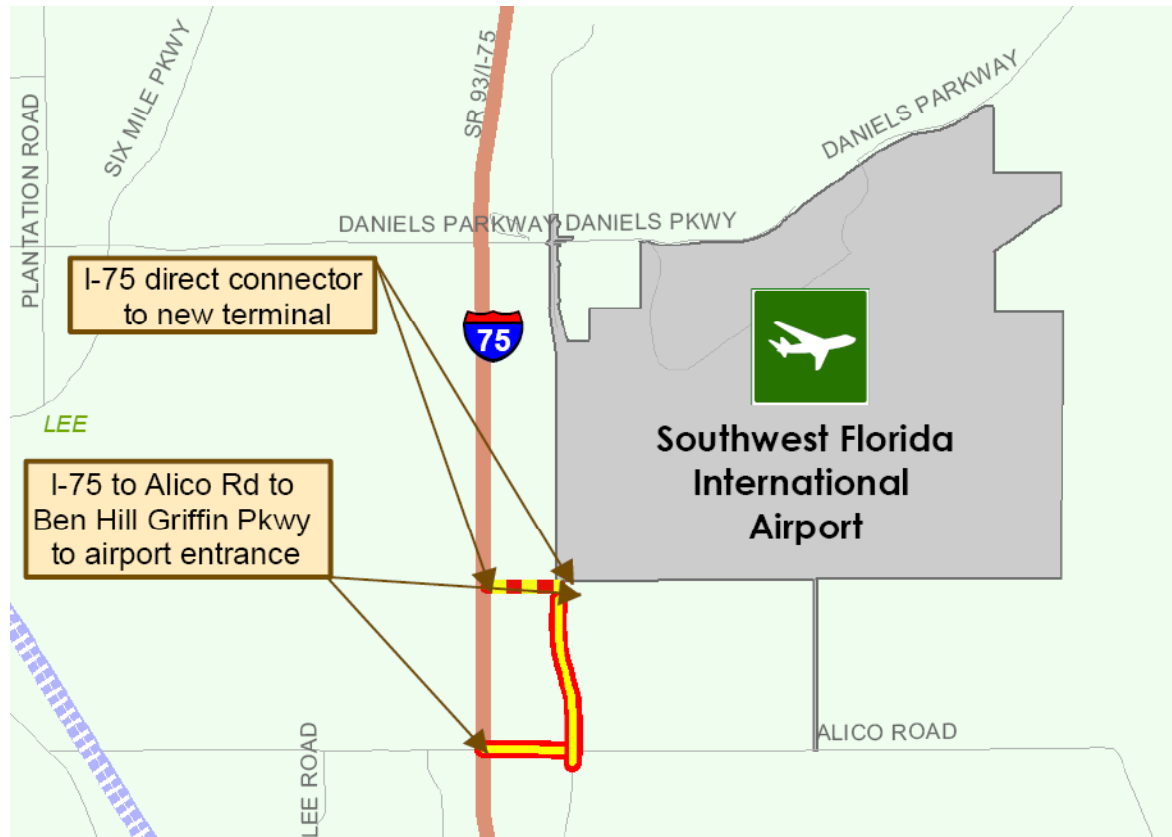
Connector Criteria

- Connect hub to nearest or most appropriate SIS or Emerging SIS corridor
- Choose among multiple potential connectors based on:
 - Frequency of use for interregional passengers or freight
 - Ability to provide high-speed, high-capacity, limited access service
 - Ability to provide the most direct access
 - Ability to provide two-way directional movement
- Designate more than one connector per hub if:
 - Hub meets criteria for both freight and passenger flows and passenger and freight facilities have discrete access points at different locations
 - Hub has multiple terminals or terminal areas with discrete access points
 - Existing flows of people or goods are divided significantly among more than one mode
- Address community and environment screening criteria



Connector Example

- Southwest Florida International Airport to I-75



Criteria for Planned SIS Facilities

- **Criteria and Thresholds:** Will meet applicable SIS or Emerging SIS criteria and thresholds within three years of operation

AND

- **Partner Consensus:** A favorable Record of Decision (or its equivalent) has been issued

AND

- **Financial Feasibility:** Is included in appropriate cost-feasible plan(s), work program(s), capital improvement plan(s), and/or joint participation agreement(s)

