



# Port Everglades: Powering Up For The Future, Now

February 2, 2017

Presentation for:  
AAPA Planning for Shifting Trade

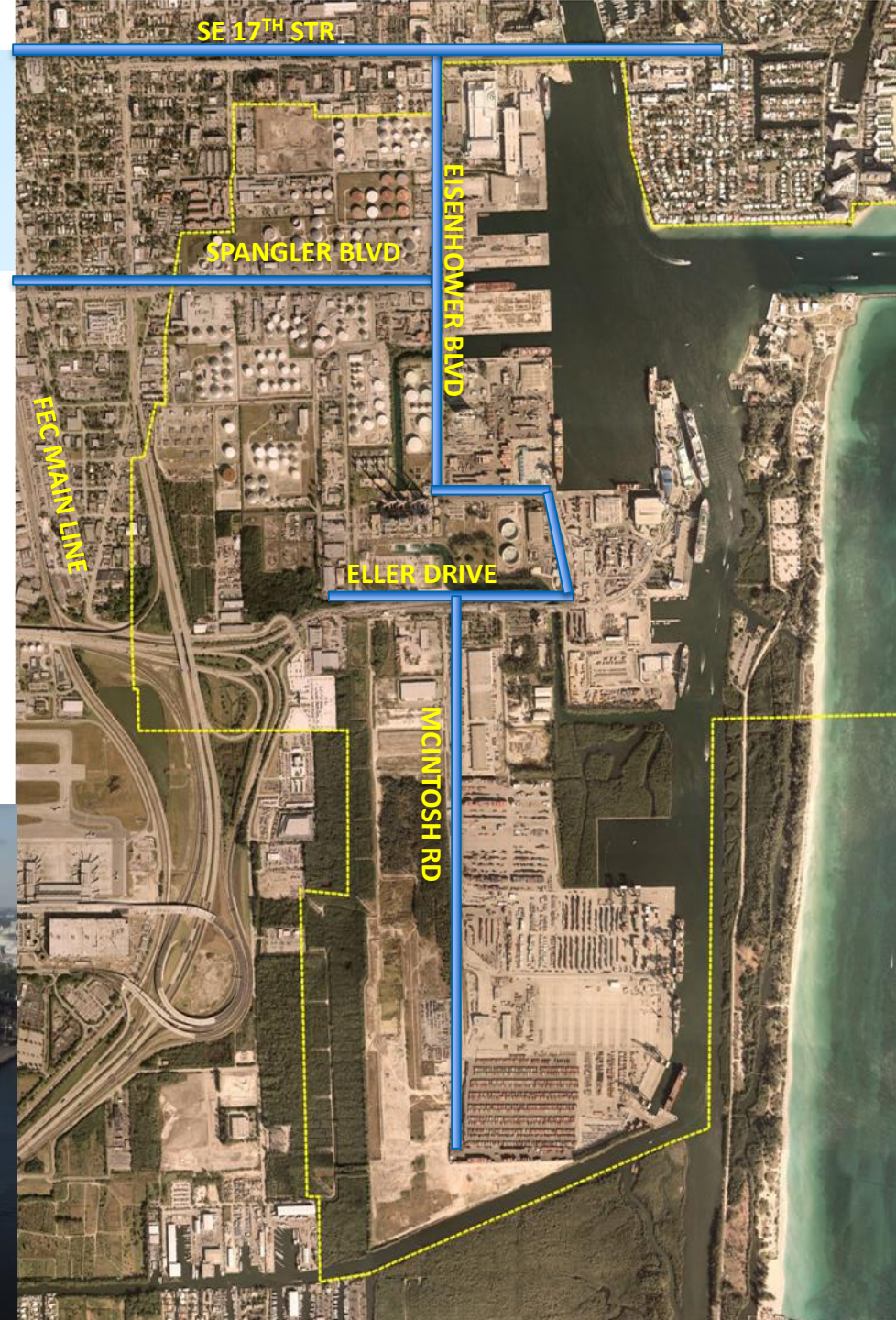
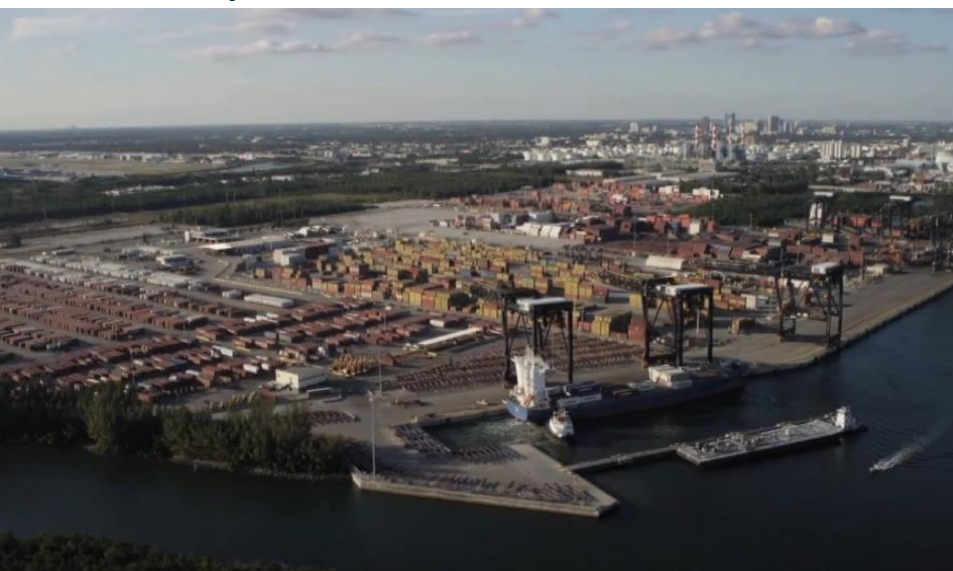
By

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# Port Everglades Jurisdictional Area

- Located in:
  - Hollywood
  - Fort Lauderdale
  - Dania Beach
  - Broward County Municipal Services District
- Direct access to U.S. Interstate System: I-95, I-595, I-75 and Florida Turnpike



# Port Mission

- As a premier gateway and powerhouse for international trade, travel and investment, Broward County's Port Everglades leverages its world-class South Florida facilities and innovative leadership to drive the region's economic vitality and provide unparalleled levels of service, safety, environmental stewardship and community engagement.



# Port Everglades Overview

## Enterprise Fund of Broward County Government

- Operations are supported 100% by user fees; no local taxpayer dollars
- \$162.5 million operating revenue in FY 2016

## Landlord Port

- We DO develop and lease land + facilities
- We DO NOT operate terminals or handle cargo

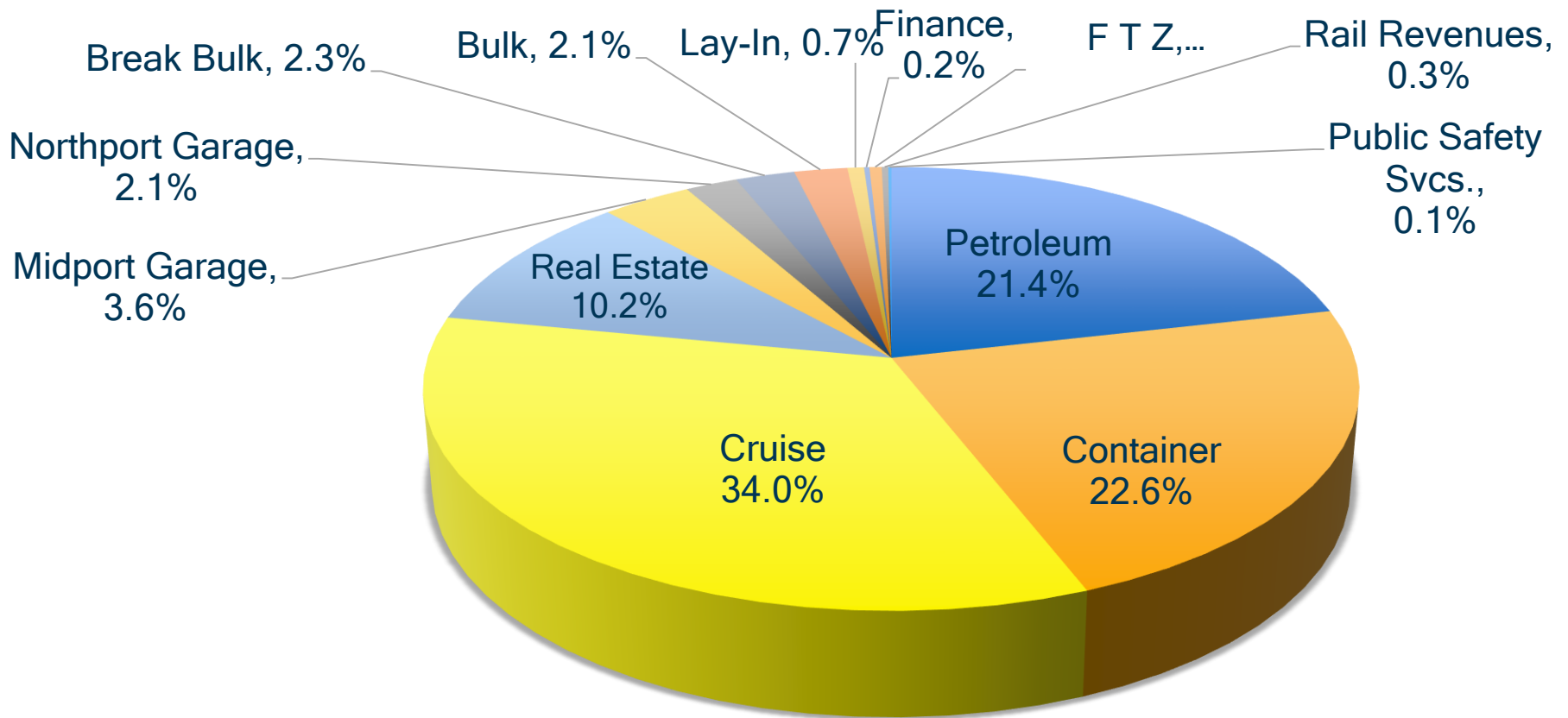
## Diverse revenue stream, with the ability to grow in the future

- Cruise = 34%
- Cargo = 27%
- Petroleum = 21%
- Other = 18%





# Diverse Revenue Stream



- Petroleum
- Container
- Cruise
- Real Estate
- Midport Garage
- Northport Garage
- Break Bulk
- Bulk
- Lay-In
- Finance
- F T Z
- Rail Revenues
- Public Safety Svcs.

# Port Everglades: An Economic Powerhouse

- More than \$29.9 billion total business activity
- 13,322 direct jobs
- \$809.3 million in state and local taxes
- More than 224,054 Florida jobs supported, earning \$8.7 billion in wages



# Port Everglades by the Numbers

## FY2016: A Banner Year

### #1 Seaport in Florida by Revenue

- \$162.5 million

### #1 Container Port in Florida

- 1,887 ship calls
- 1,037,226 TEUs

### #1 Refrigerated Cargo Port in Florida

- 126,483 TEUs

### #2 Petroleum Port in Florida

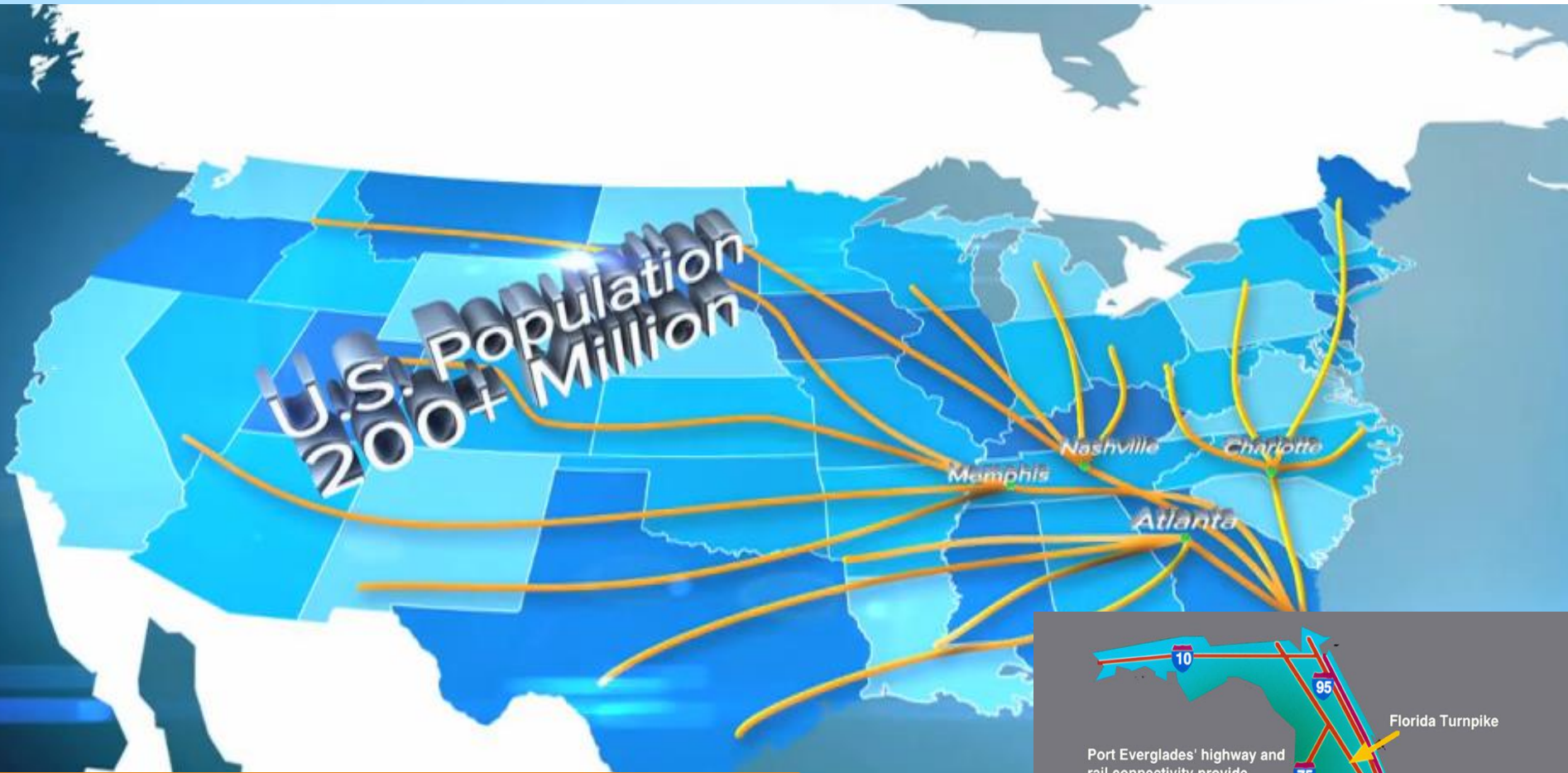
- 593 ship calls
- 121 million barrels

### #3 Multi-Day Cruise Port in the World

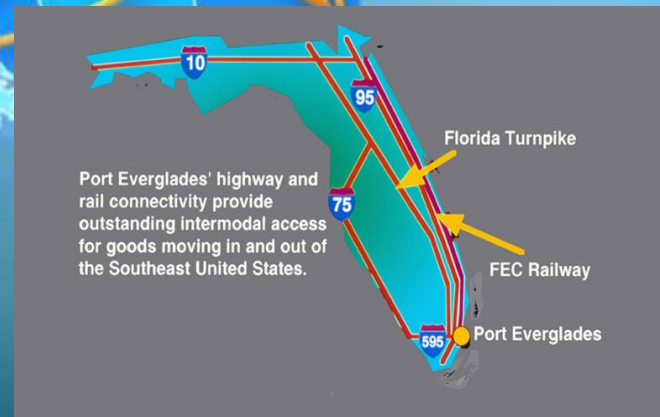
- 876 ship calls
- 3.8 million passengers



# How We Connect - Domestic

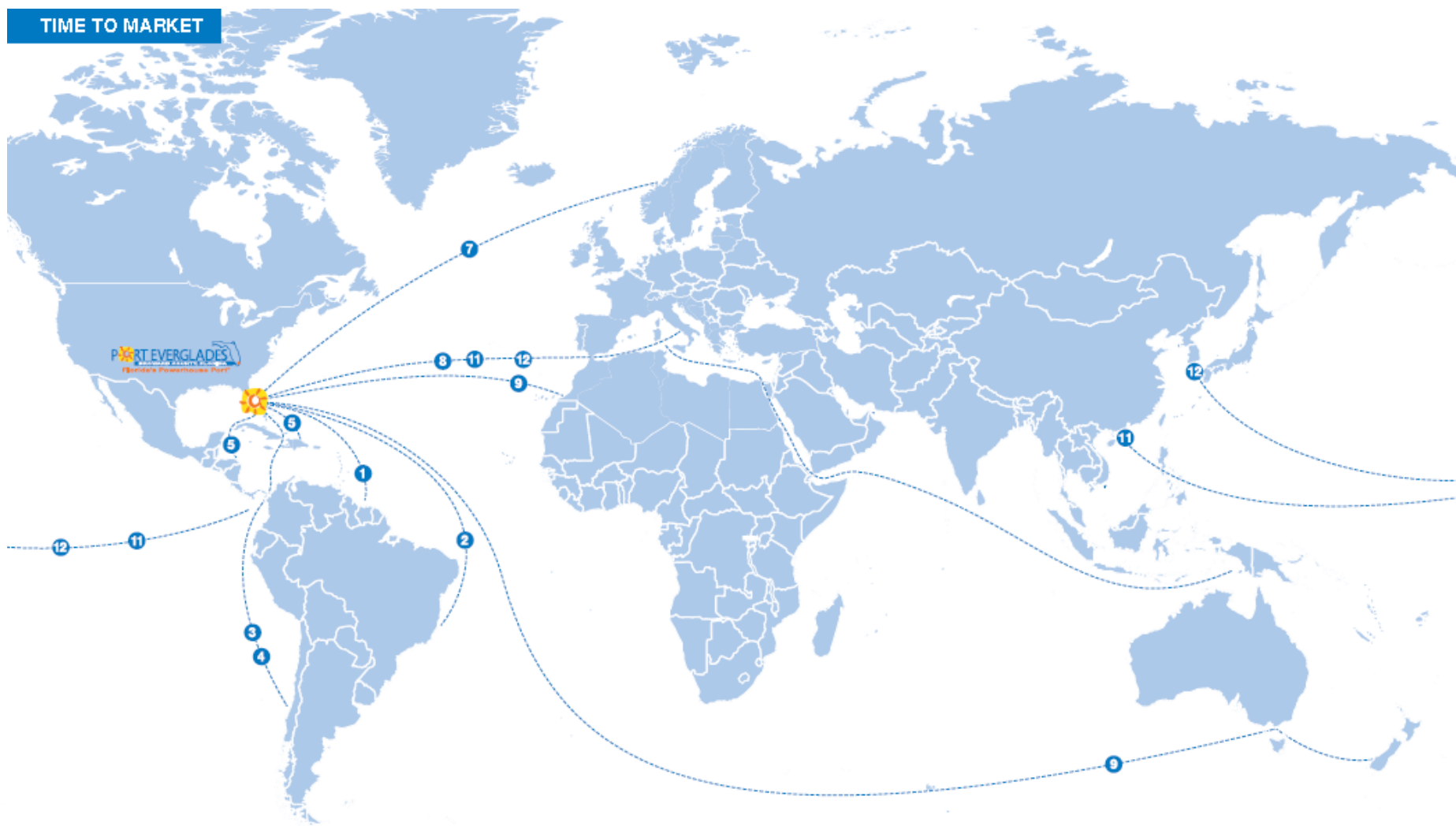


Atlanta/Charlotte = 2 days by rail  
Nashville/Memphis = 3 days by rail  
70% of U.S. Population = 4 days by rail





# TIME TO MARKET



Trade Lane	Export	Import
<b>1</b> North Coast South America Venezuela, Colombia, Guyana, Suriname	4-11 days	3-10* days
<b>2</b> East Coast South America Brazil, Argentina, River Amazon & Delta	12-20 days	17-32 days
<b>3</b> West Coast South America Colombia (Pacific), Ecuador, Peru	7-16 days	6-30 days
<b>4</b> Chile	14-16 days	15-30 days
<b>5</b> Caribbean	1-10 days	1-17 days

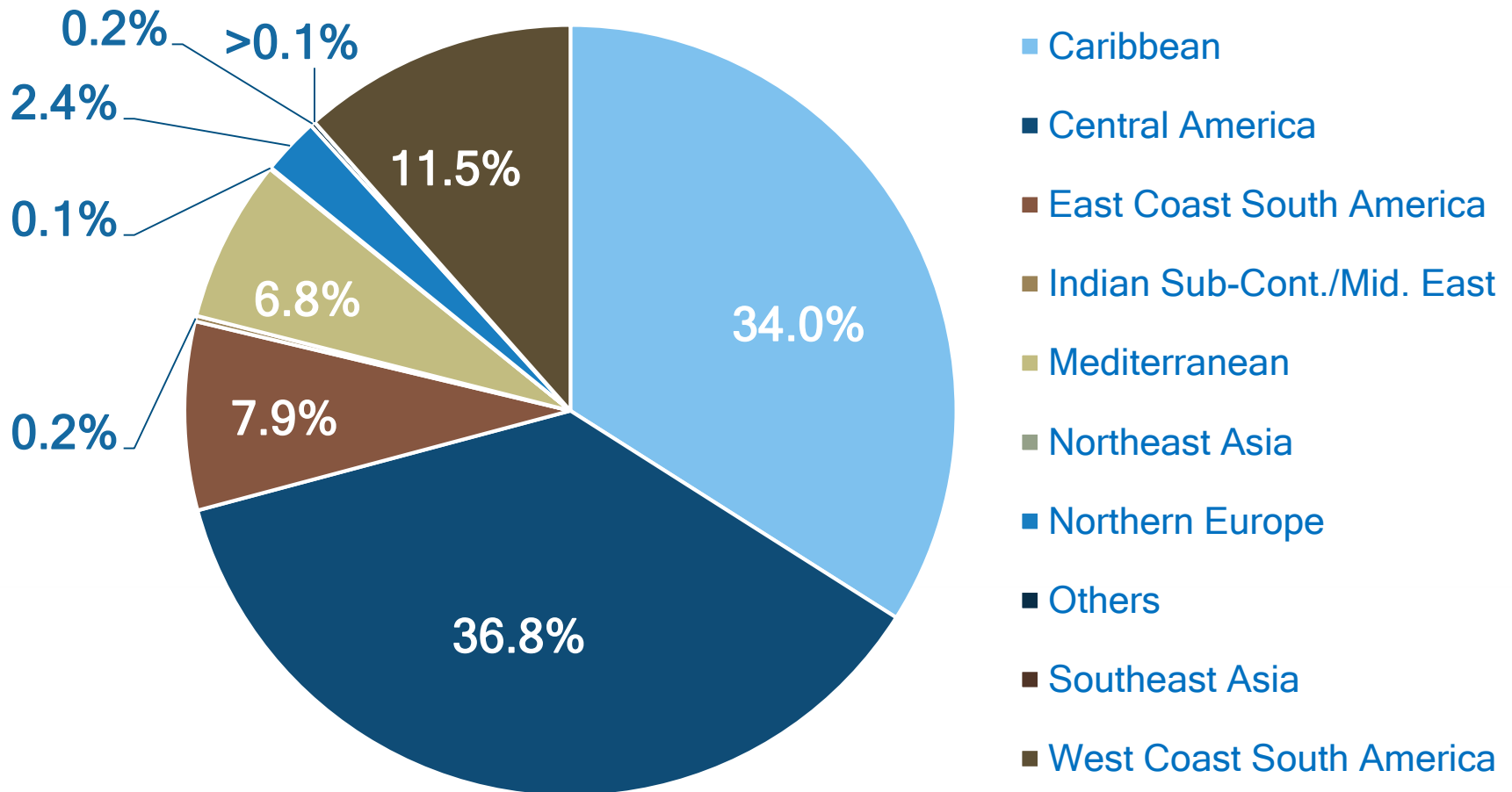
\*See Freight - Zim - Florida/Caribbean butlerfly (FCNA-Carib/NCSA (1)) has a 1 day import transit time from Guyana (next to Venezuela)

Trade Lane	Export	Import
<b>6</b> Central America	3-11 days	2-15 days
<b>7</b> Northern Europe Iceland/Scandinavia/Baltic, UK, Germany/Benelux, France, Atlantic Coast Spain, Portugal	18-23 days	10-16 days
<b>8</b> Mediterranean North Africa, Spain/France Med, Italy, Malta, Black Sea, Adriatic/Slovenia, Greece/Turkey/Cyprus, Syria/Lebanon/Israel	24-31 days	11-19 days
<b>9</b> Africa	30 days	20 days

Trade Lane	Export	Import
<b>10</b> Australia/New Zealand	26 days	37 days
<b>11</b> Indian Subcontinent/Middle East Sri Lanka, India, Pakistan, Oman, Dubai, Bahrain, Kuwait, Aden/Red Sea	24 days	29 days
<b>12</b> Northeast Asia Philippines, Vietnam, Cambodia & Thailand, Malaysia, Singapore, Indonesia	28 days	33 days
<b>12</b> Southeast Asia China, Taiwan, Russian Far East, Korea, Japan	28 days	33 days

Direct Service: TT from: BlueWater Reporting  
Transshipment Service: TT from: JoC Settings, OceanSchedules.com

# Port Everglades - Containerized Cargo by Lane (FY2016)



# Capital Improvement Highlights





# Intermodal Container Transfer Facility

- 43.4-acre near-dock facility operated by FECR
- Transfer international & domestic containers between ship and rail
- Handle domestic containers originating in/destined for the eastern U.S. market
- Connections to Class 1 railroads CSX and Norfolk Southern allow for rail service to 70 percent of the U.S. population within four days



# McIntosh Loop Road

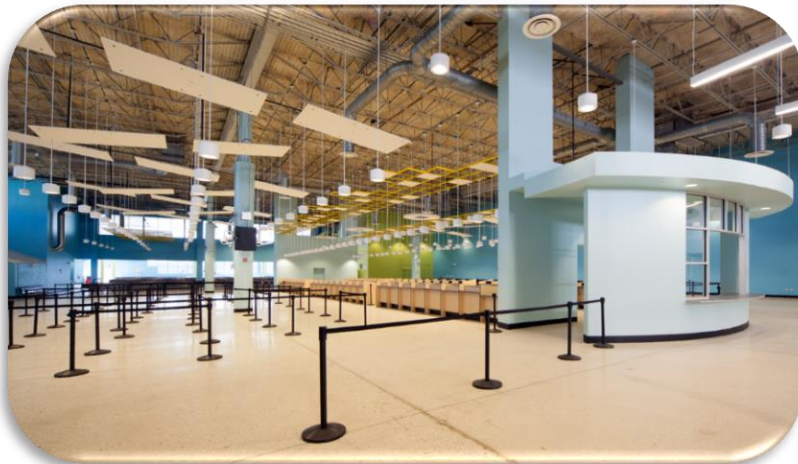
- Safer and more efficient
- \$7 million, partially funded by a Florida Department of Transportation grant
- Opened March 2014





# Cruise Terminal 4 Renovation

\$24 million project



## Improvements include:

- 50,000 feet of baggage area
- 172 space surface parking lot
- 2 new loading bridges
- Covered loading areas
- Simultaneous check-in and debark
- New restrooms, escalators and elevators
- Improved lighting and acoustics
- High-efficiency air conditioning, lighting and acoustics
- LEED Certified



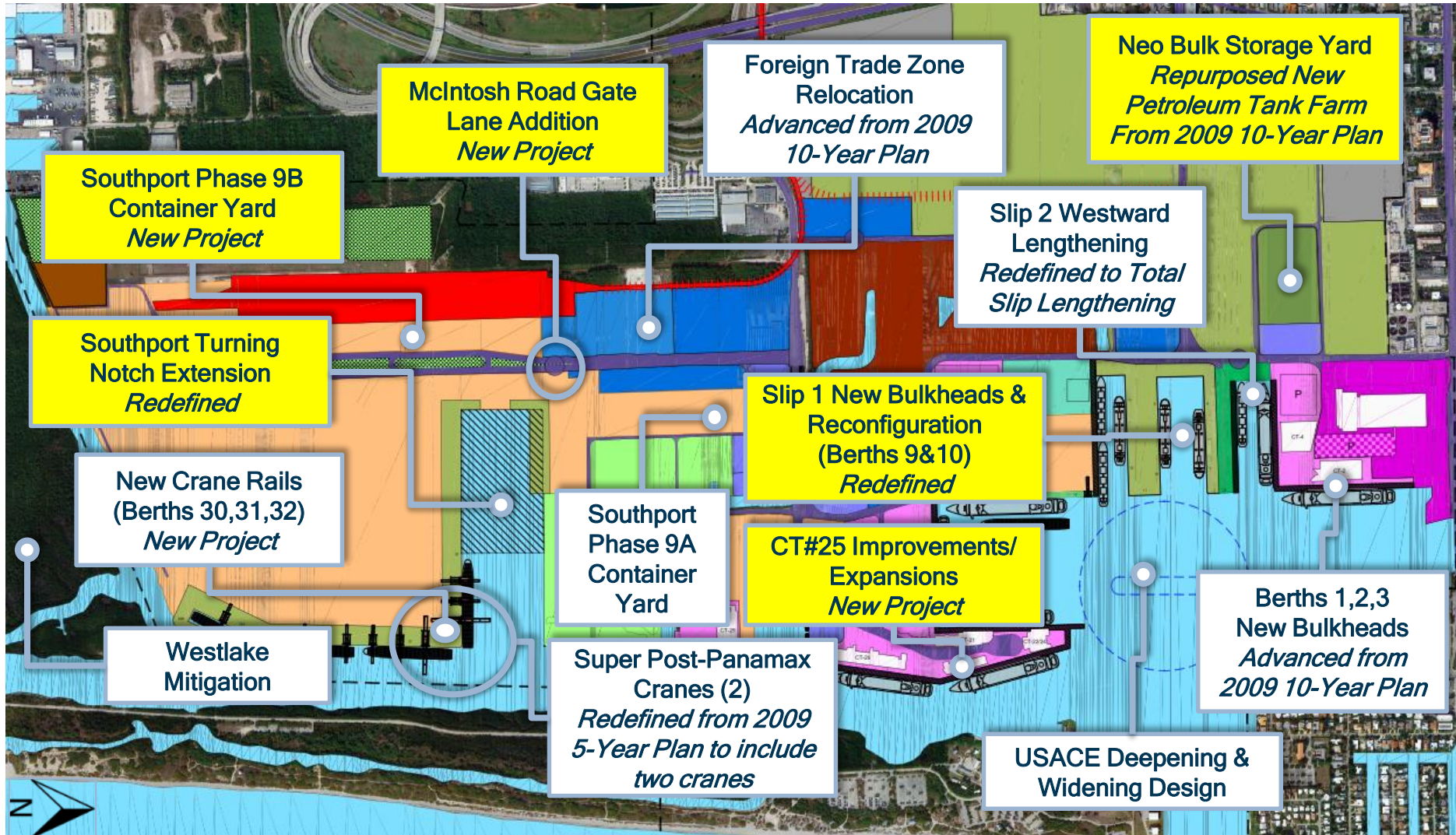
# Port Everglades is Preparing for the Future





# 5-Year Master Plan Projects

(2015-2019)





# Southport Turning Notch Extension

Adding up to 5 new cargo berths, super post-Panamax cranes

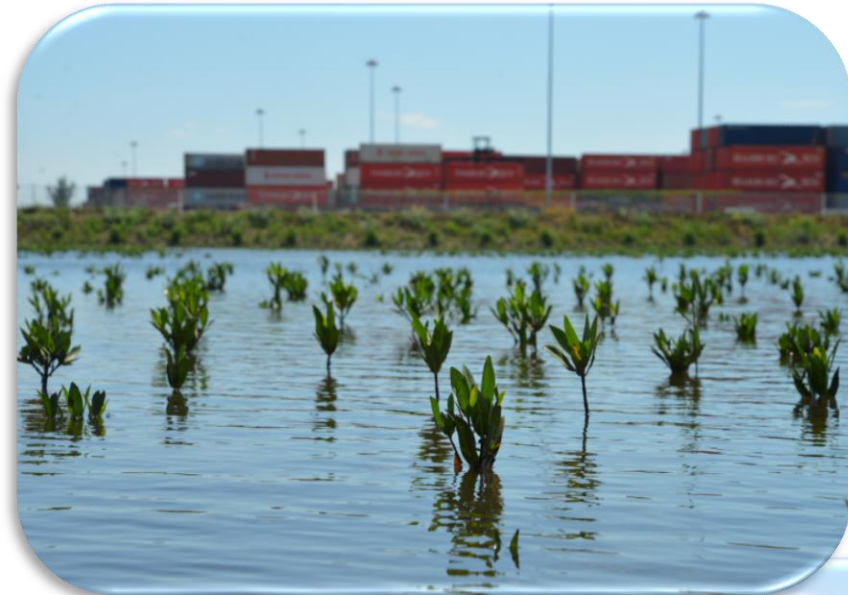




# Mangrove Enhancement “Trending Towards Success”

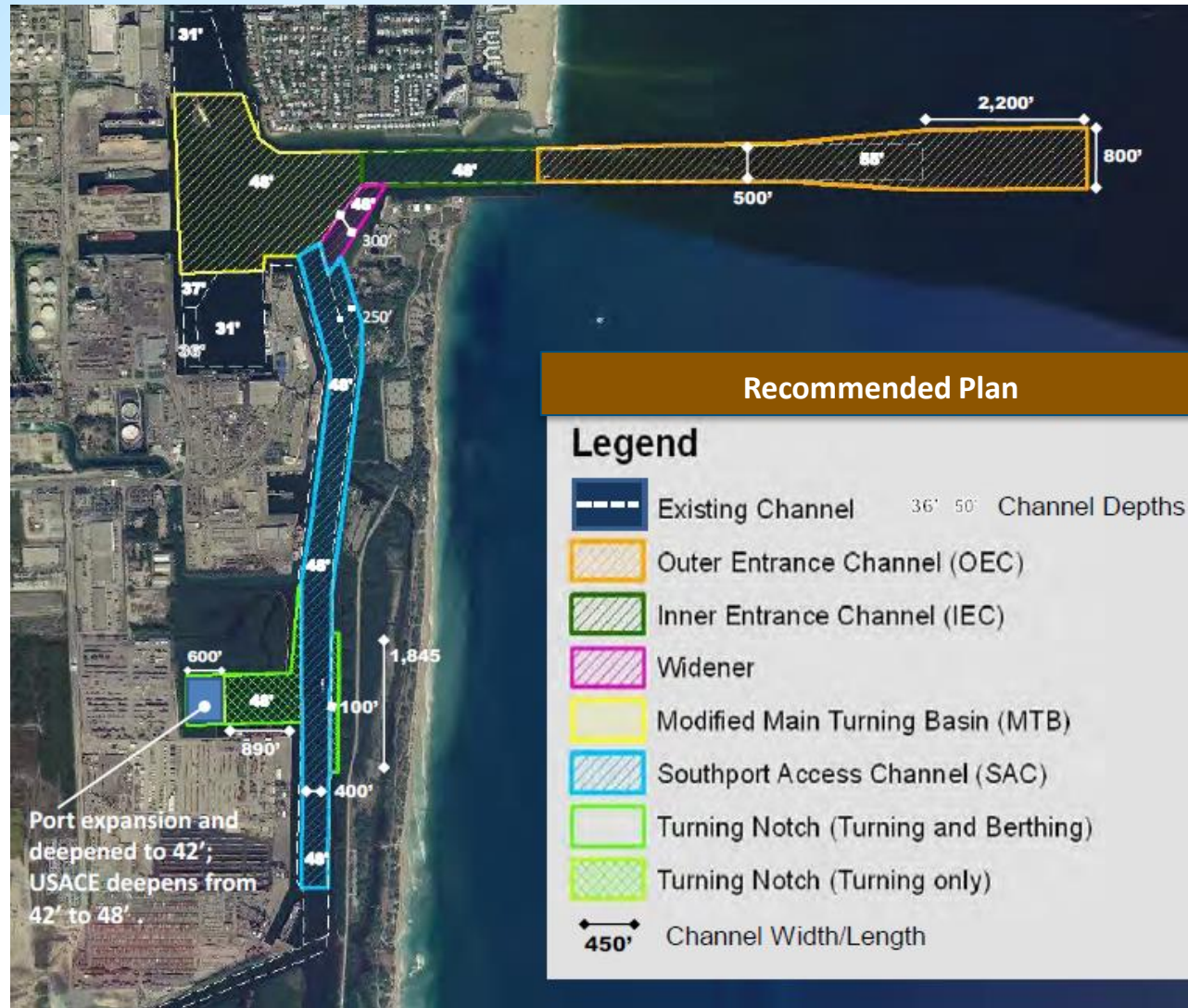


- Critical component of Southport Turning Notch Extension
- Replacing 8.7 acres of existing mangroves with 16.5 acres
- Approximately 70,000 have been planted and are “Trending Towards Success.”



# Deepening & Widening

- Deepen Outer Entrance from 45 ft. to 55 ft. and Widen from 500 ft. to 800 ft.
- Deepen Inner Channel from 42 ft. to 48 ft., Plus 1-ft. Required and 1-ft. Allowable Overdepth for a Total of 50 ft.
- Widen Southport Access Channel by 250 ft.



# New Cranes Design Parameters

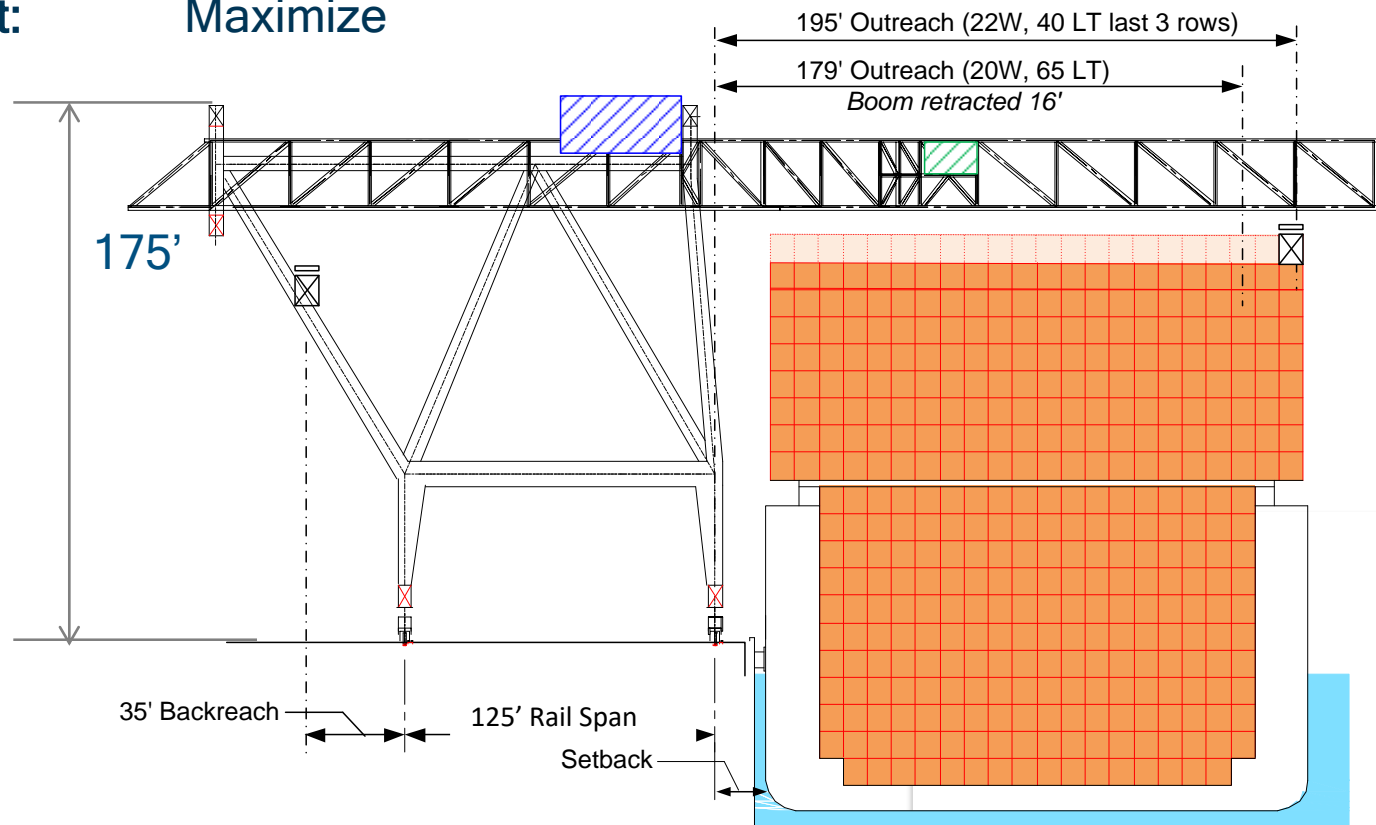
## New Cranes Design Parameters

Reach & Lift: 22 wide, 7 high on deck

Backreach: 35' w/ boom fully extended

Capacity: 65 LT

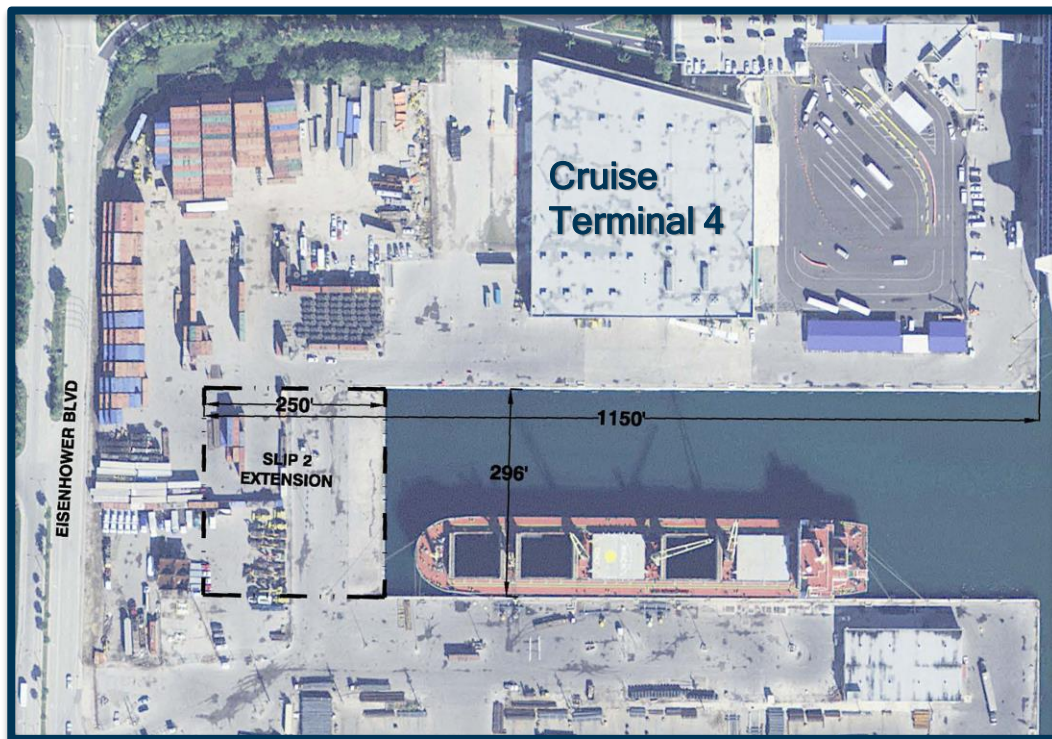
Lift height: Maximize





# Slip 2 Extension

Port Everglades is lengthening Slip 2 by 250 feet to accommodate today's larger cruise ships



## Project Facts:

- Slip 2 will be 1,150-foot long and 42-foot deep
- Total cost: \$18 million for construction

# Foreign-Trade Zone Relocation

- Relocate FTZ #25 to a new Logistics Center to be built on the west side of McIntosh Rd.
- 16.65 acres
- 250,000-square-foot building
- Public/Private Partnership







## Future of Southport

- Relocation of on-port FTZ #25
- Development of a New Logistics Center





# How Ports Define Masterplans

- PPM-research
- A master plan, also called a comprehensive plan is a blue print for the future.
- It is a comprehensive document with goals and policies, long-range in its view that is intended to guide the desired development for the future.
- Capital Improvement Plan
- Business and/or Operational Plan
- Chief Executive Office vs. Planning Departments
- Project Expediency



# Project Background:

## Why do we do a Master/Vision Plan?

- The original Port Everglades Master/Vision Plan was approved by the Board of County Commissioners in December 2007
- BOCC has directed that Port Master Plan be updated every two to three years
- Port Everglades Master/Vision Plan Update was approved by the Board of County Commissioners in March 2011
- Second Update was adopted by County Board June 2014
- To account for changes in the market and which have occurred regionally, nationally and internationally, a Third Update is forthcoming



# Master/Vision Plan Update Process

- Elements:

1. Existing Conditions Assessment
2. Market Assessment
3. Plan Development
4. Strategy Development
5. Final Plan Master/Vision Plan
6. Plan Implementation Plan
  - Key element which presents the Port's 5-Year CIP, summarizes the estimated costs of the Port's complete 20-year development program, and provides an "affordability analysis of the 5-Year Master Plan and 10-Year Vision Plan

## Additionally:

- We Update Deepwater Port Component of County's Comprehensive Plan
- Prepare and update a 3-D Computer Animated Video





# Affordability Analysis

- **Future Revenue Calculations**
  - Based on anticipated revenues from Port's on-going businesses and revenues generated from new projects as they come on-line
  - Review of actuals and assuming % increase in tariff to calculate future revenues
  - The market forecasts is used a check to ensure that the sum of existing and new project volumes in a business line do not exceed the projected market total for the Port
- **Future Expense** Calculations-Revenues minus expenses
- **Debt Service Estimates-** Finance Division is very involved in the Master/Vision Plan Update process.
  - New debt service was estimated in consultation with Port Finance Division
  - Port bond covenants require minimum coverage ratios of 110 percent and 125percent of operating income divided by annual debt service requirements



# Decision-Matrix Criteria

## Criteria Categories

- Competitiveness
  - » Capacity
  - » Operational Flexibility
- Economics
  - » Port Return on Investment (ROI)
  - » Regional Economic Impact
- Stewardship
  - » Asset Preservation
  - » Environmental Preservation





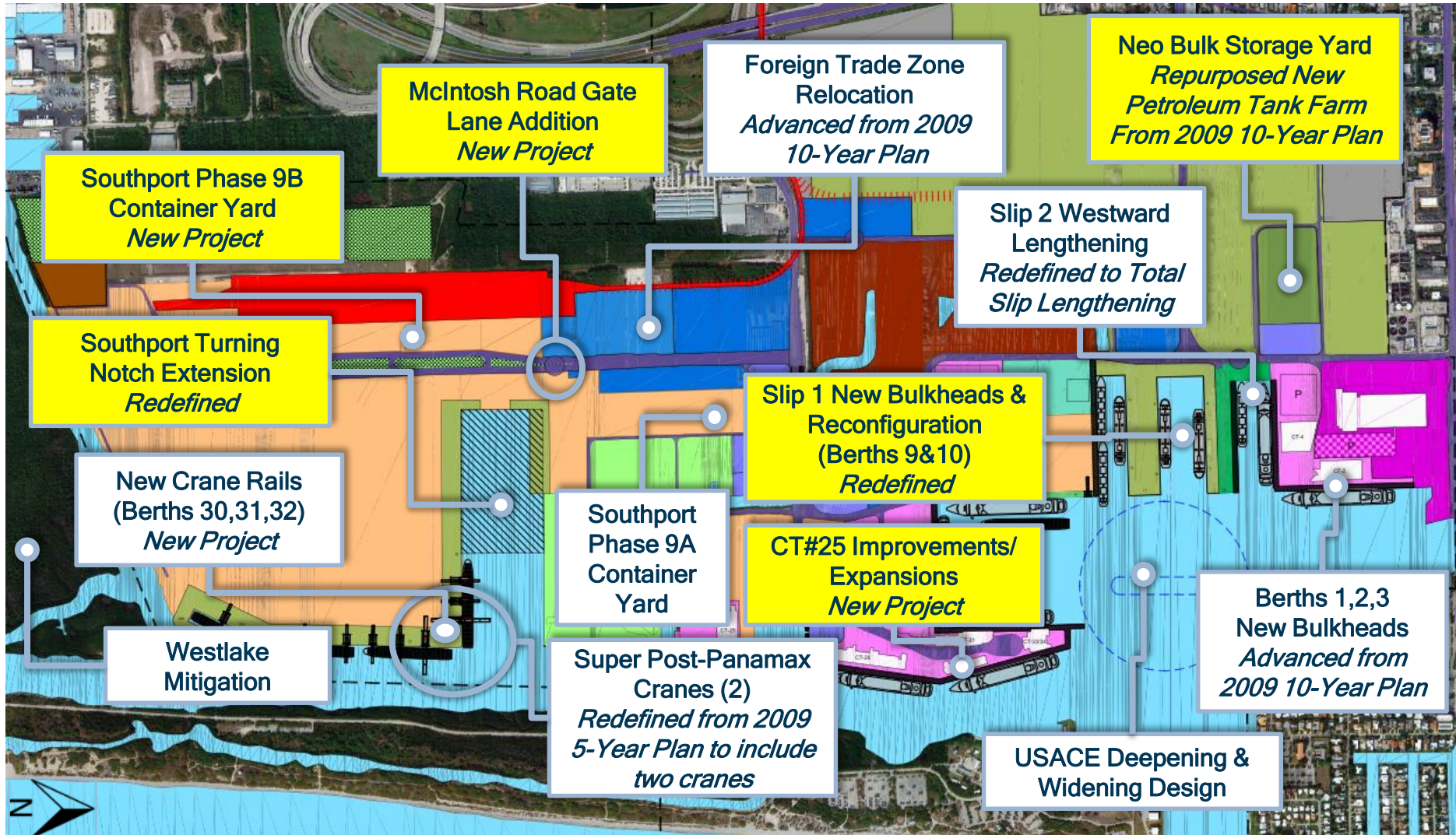
# Consultants' Competitive Negotiation Act (CCNA)

- CCNA - created in 1971 by the Florida Legislature as a qualifications-based public procurement method for acquisition of professional architectural, engineering, landscape architectural, surveying and mapping services.  
Select the most qualified firm by considering pertinent criteria OTHER than price/compensation.
- Negotiate a contract with selected firm which is fair and reasonable to both the firm and the state. A very basic premise of the CCNA is that an Agency may not request, accept, or consider fee proposals from the submitting firms during the selection process.



# 5-Year Master Plan Projects

(2015-2019)





# Summary of Facility/Infrastructure Needs Over 20 year planning horizon

- Longer-term projects in the 10- and 20-year Vision Plans include:
- Cruise Terminal 29 improvements
- Fill in the Tracor Basin to lengthen Berth 29 to accommodate larger cruise ships
- Continue to replace bulkheads throughout the Port
- Build a new parking garage for Cruise Terminals 2 and 4 in Northport
- Purchase of additional super post-Panamax cranes
- Reconfigure Berth 33 to accommodate larger cargo ships
- Deepen and widening the Port's navigational channels
- Construct a crushed rock (aggregate) facility with an underground conveyance from the docks to the rail facility
- The plan also includes conducting traffic and environmental studies for projects in the five-year Master Plan, and an **affordability analysis** for the projects in the 10-year timeframe.



# Stay Connected with Port Everglades

## Website

[porteverglades.net](http://porteverglades.net)

## eMail

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