

Port and MPO Freight Planning

MPOAC Freight Committee

July 24, 2013

Arlene Davis

Overview

- Port Everglades Overview
- Infrastructure Needs Identified in Port Plan
- Priority Projects
- Port Everglades and MPO Planning Process

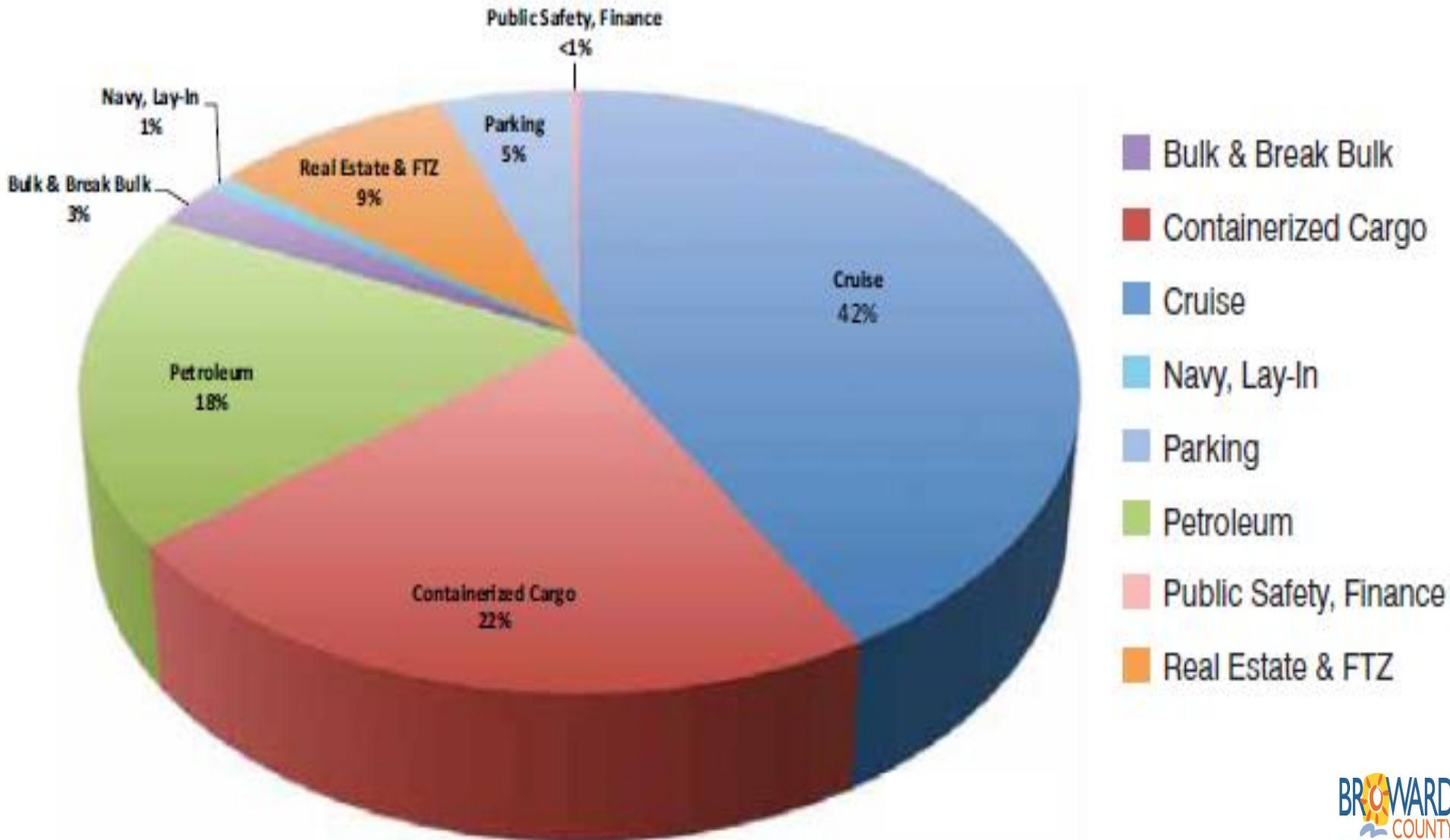


Port Everglades Overview

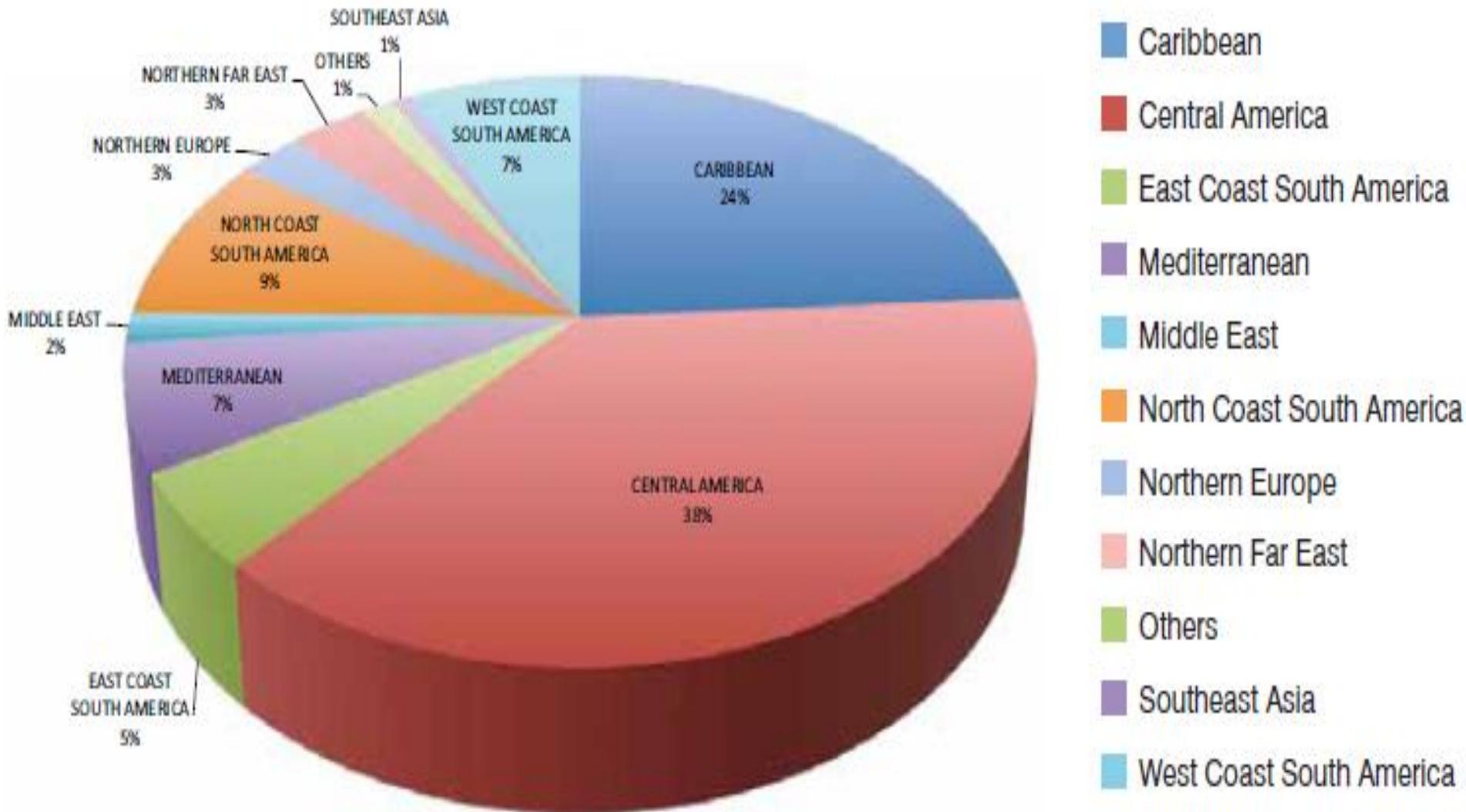
- Enterprise Fund - Broward County
- Landlord Port
- A leading port in Southeast United States
 - Top in Florida for international export trade (#1 Seaport in FL by Revenue = \$143 million; and Exports = \$14 billion)
 - #1 Container Cargo Trade in Florida by Volume (#12 in the United States)
 - 5.94 million tons/923,600 TEUs of containerized cargo (2012)
- World's 3rd busiest multi-day cruise port
- 838 cruise vessel calls at PEV (2012)
- 3.76 million passengers through our terminals



Port Revenue Center Contributions (PEV Business Lines)



Containerized Cargo TEU Activity by Trade Lane



Petroleum

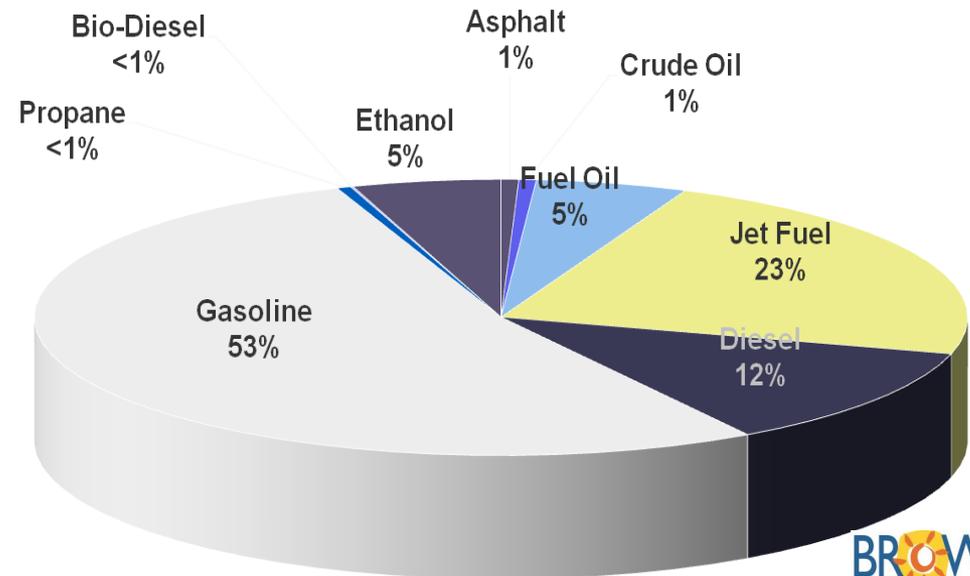
- Distribution site for South Florida region's gasoline, jet fuel and other petroleum products



S. Florida Petroleum Supplier

(Primary port of entry & distribution for refined petroleum)

- Several major petroleum suppliers located at PEV
 - 12 counties in State of Florida (including all of South Florida, & its three international airports)
 - 104.8M barrels/11.8M tons (2012)
 - Accounts for 18% of total PEV revenue (2012)

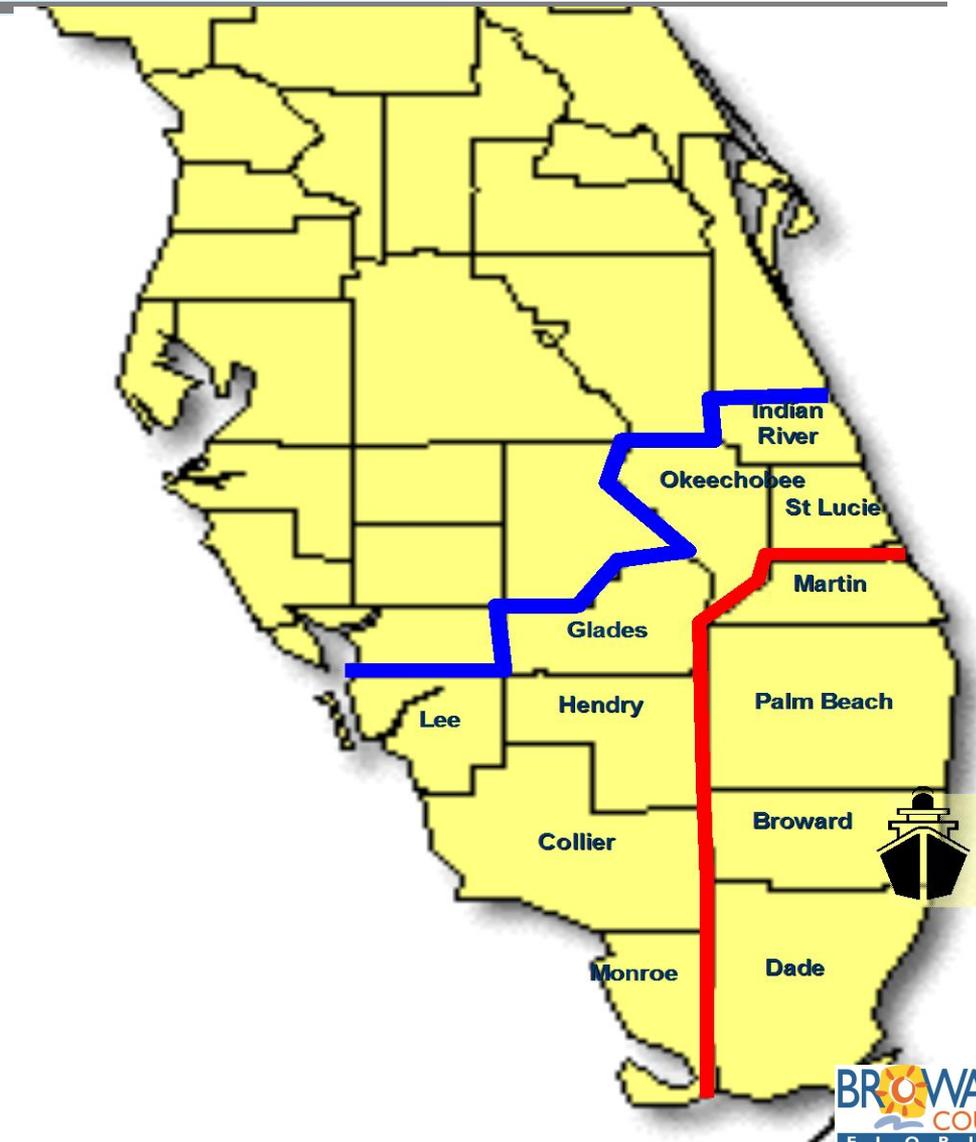


Petroleum Product Distribution

Counties Served by Petroleum Products Moving through Port Everglades

— Red line indicates counties 100% served by PEV

— Blue line indicates border of distribution area



ECONOMIC IMPACT

PEV Economic Impact Cargo and Cruise Activities (FY 12)

	FY 2012
Total Jobs	201,371
Direct Local Jobs	11,687
Personal Income	\$7.84 billion
State & Local Taxes	\$729.3 million
Total Value of Economic Activities	\$25.7 billion



Facility/Infrastructure Needs Identified in the 2009 Master/Vision Plan Update

- More, longer and deeper cargo berths
- Ability to berth fully laden Post-Panamax vessels
- Rail to Southport/ICTF
- Longer cruise berths and modernized cruise terminals
- Reconfiguration of Northport slips
- Improvements to terminals to accommodate future growth
- Crushed rock/aggregate ship/facility
- Deeper and wider petroleum slips





PEV's 3 Critical Expansion Projects

- Will add 5 berths, widen & deepen channel to 48 feet & bring freight-rail into port.
- Over next 15 years -
 - **7,000 new regional jobs** projected, and
 - support **135,900 statewide jobs** , for
 - total of **143, 000 jobs**.
- To be completed over next 6 years



Bigger Ships Need Longer Berths and Deeper Water

Evolution of Container Ships

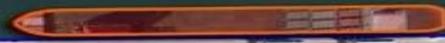


EXISTING TURNING NOTCH

Current Berthing Arrangement



42 FT WATER DEPTH
TURNING NOTCH



30

900'

31



32



42 FT WATER DEPTH
INTRA COASTAL WATERWAY

TURNING NOTCH EXPANSION

Future Berthing Arrangement



100' WHARF

800'
700'

42 FT WATER DEPTH
TURNING NOTCH

2,400'

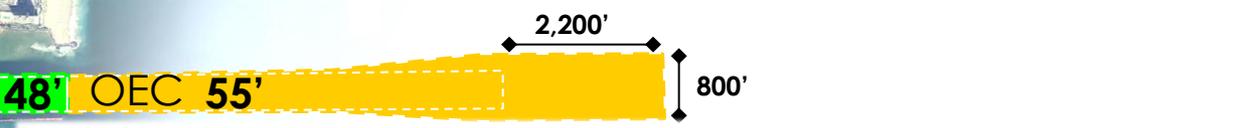
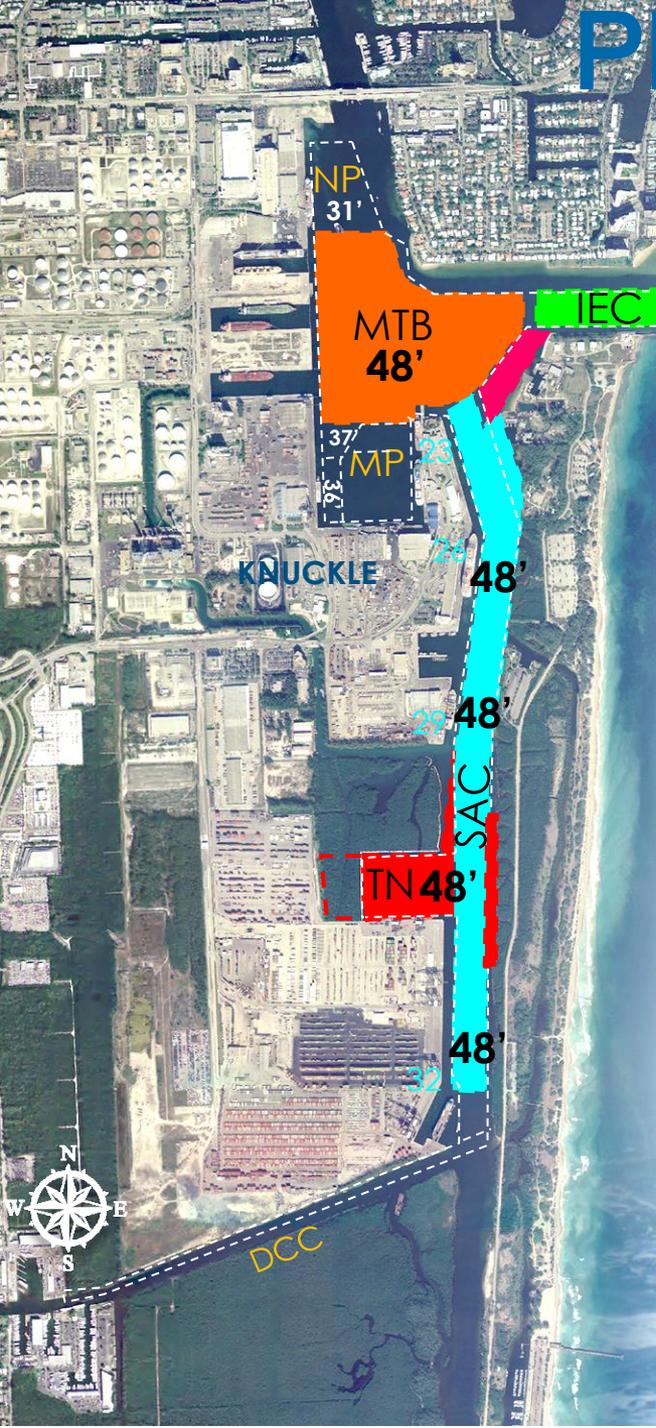
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42 FT WATER DEPTH
INTRA COASTAL WATERWAY

PEV Harbor Deepening & Widening

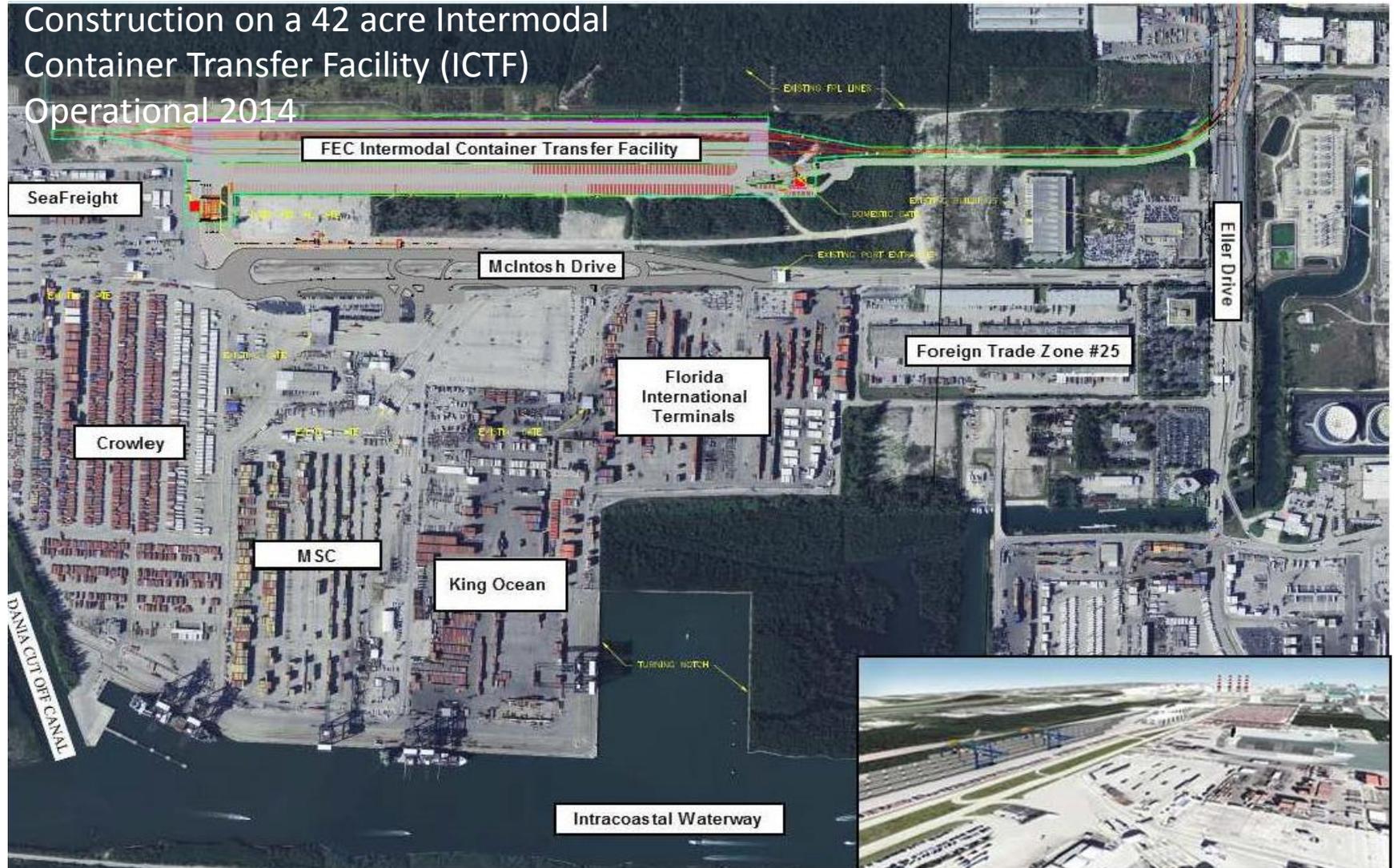


Features (from north to south)

- Outer Entrance Channel - extend, widen, and deepen from 45 to 55 feet
- Inner Entrance Channel - deepen from 42 to 48 feet
- Main Turning Basin - deepen from 42 to 48 feet
- Shoaling area - widen by 300 feet, deepen to 48 feet; and relocate USCG Station to the east
- Southport Access Channel - widen by 250 feet at the knuckle; shift channel easterly 65 feet from berth 26 to 29; deepen from 42 to 48 feet from berth 23 to south end of 32
- Turning Notch (Turning and Berthing) - deepen from 42 to 48 feet plus minor widening features
- Turning and Berthing (Turning Only) - Port expansion plus USACE deepening to 48 feet

Intermodal Container Transfer Facility

Construction on a 42 acre Intermodal Container Transfer Facility (ICTF)
Operational 2014



MPO Planning and Port Projects

- MPO LRTP (Freight Component)
- MPO TIP
- MPO Unfunded Priorities
- Regional Freight Plan Development
- MPO Support for FSTED - Port Funding
- MPO as Port/Freight Advocate



What Can MPO Do to Assist Freight Development

- Help Identify Funding
- Make Freight Funding a Priority
- Become an Advocate - Communicate to Community the Importance of Freight
- Policy Advocate - Federal/State Level
- Involve the Operators - Have Reps on Advisory Committee
- Follow Through With Plans (even via P3s)



Port Everglades = JOB\$



Thank You!

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