



# Multimodal Logistics Center

**AKA Inland Port**

**Update to Florida Transportation Commission**

October 9, 2007

**2007 Executive Management Conference**

**Broadening Industry Awareness - Part One**

**Saddlebrook Resort, Tampa, Florida**

**May 7, 2007**



# ***Planning For Future Transportation Technologies***

**John Vickerman**

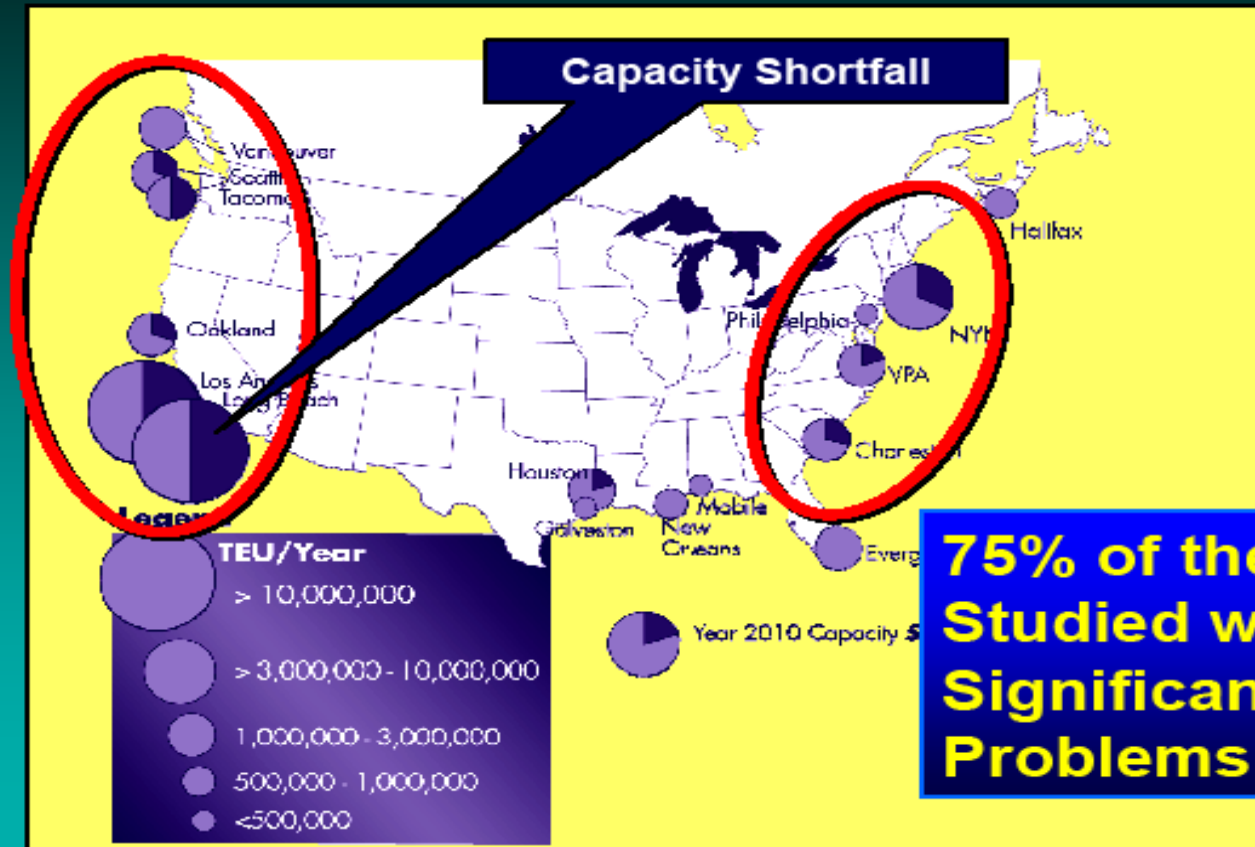
**Tran Systems**

**Norfolk, Virginia**



# Warnings from Port Industry

## 2010 Projected Public Port Capacity Shortfall



**75% of the 16 Ports Studied will have Significant Capacity Problems by 2010**

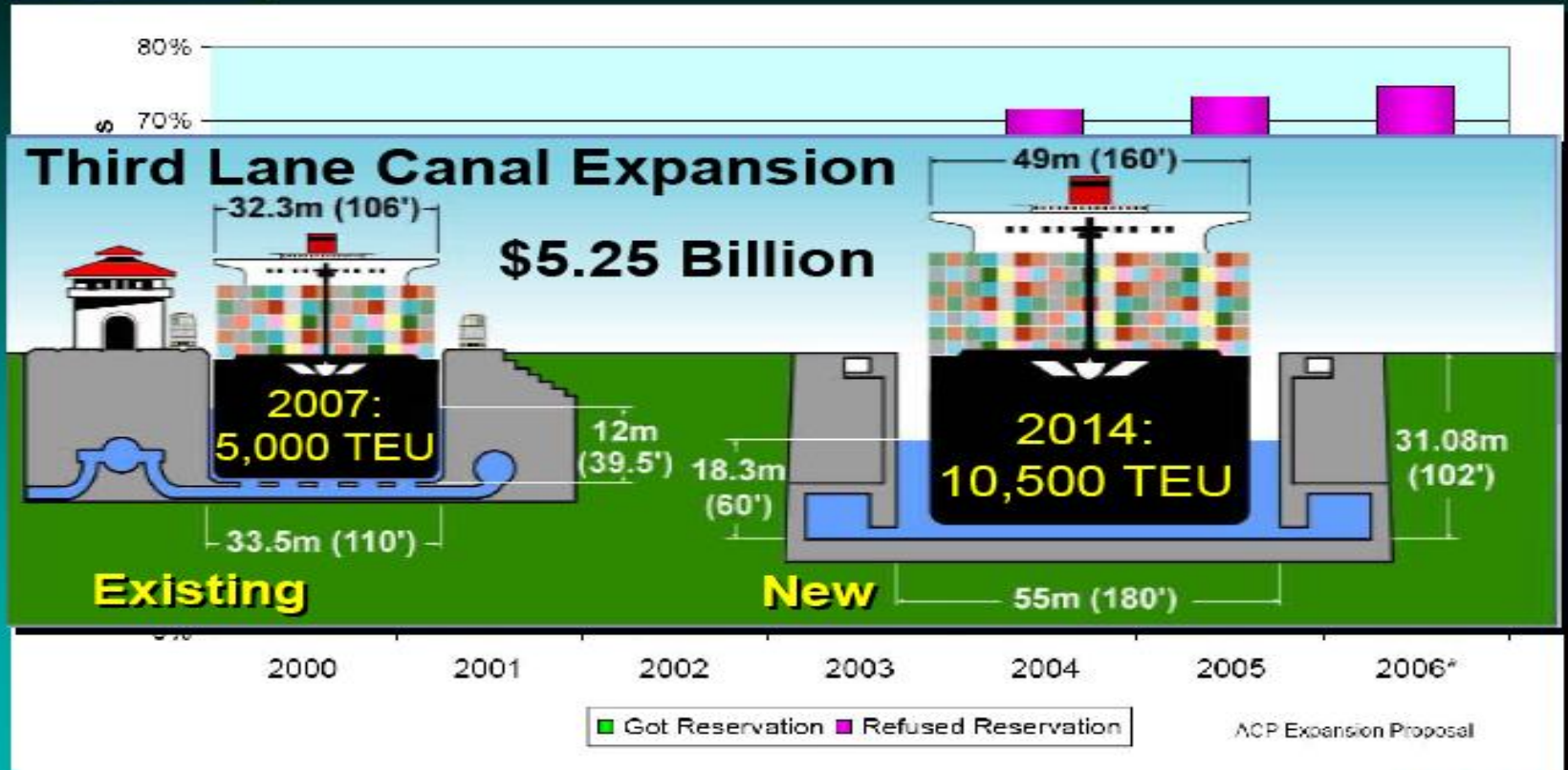


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# Panama Canal Expansion



## Panama Canal Transit Reservation Demand



Source: ACP Expansion Proposal

# Transportation Industry Warnings

## Capacity vs. Demand Bottom Line: *Balancing Capacity and Demand is Both a **Public and Private Issue***

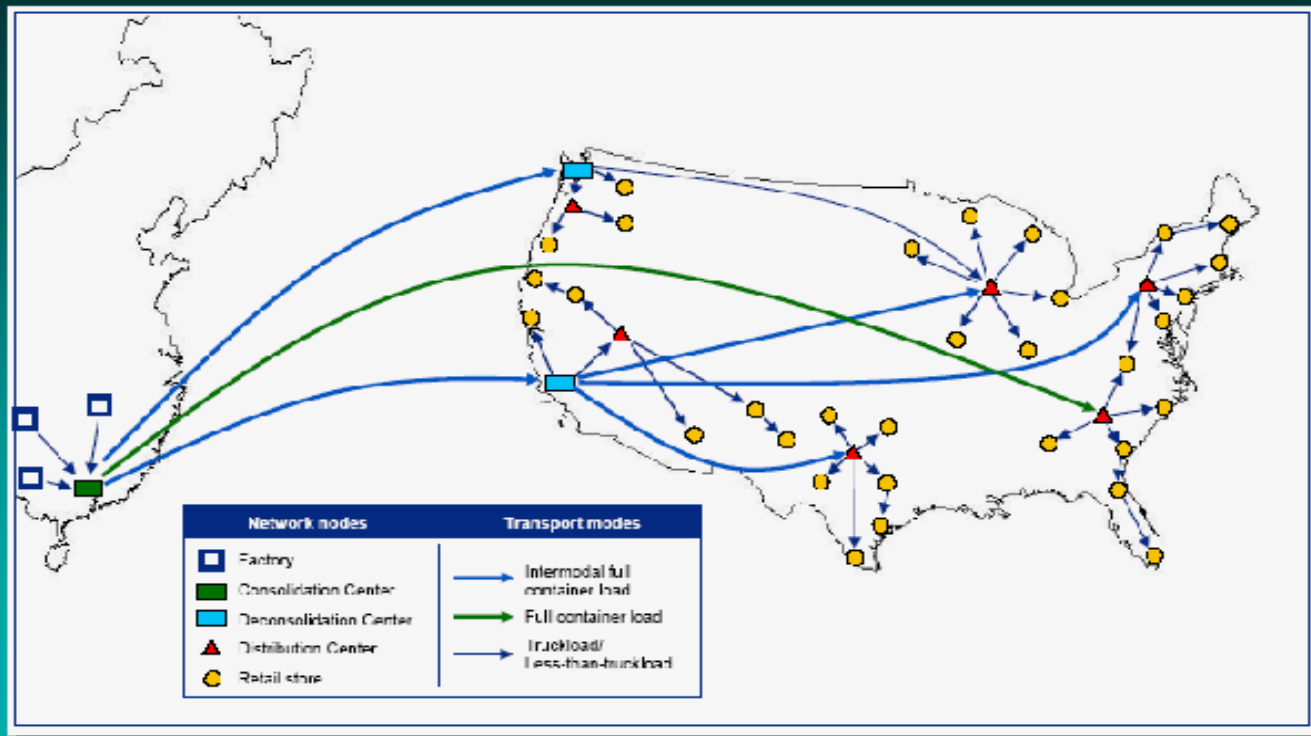


*North America's future economic and  
**environmental health is at risk** as a result of  
declining transportation efficiency and reliability.*



# Rail Movements to Distribution Centers

## Changes in West Coast Port & Intermodal Cargo Transloading



# New Trend – Inland Ports w/Rail

## Emergence of the Inland Port - Rail Logistics Park is Changing West Coast Trans-loading Long Term Trends

Port Logistics Rail Parks Attracting Major Import DCs

Ex: BNSF's Alliance, TX and Joliet, IL Logistics Park & UP's Global III Rochelle, IL

Disembark Ops Handled Not at West Coast Ports but at Inland Rail Logistics Park which is close to the Consumer

TTX 2006 International Transportation Flow Study:

2000: 28% Transload

2004: 24% Transload

2005: 20% Transload

**West Coast  
Trans-load**



Dedicated DC Volume is primary reason

Wal-Mart's 3.2 million sf Joliet Import DC



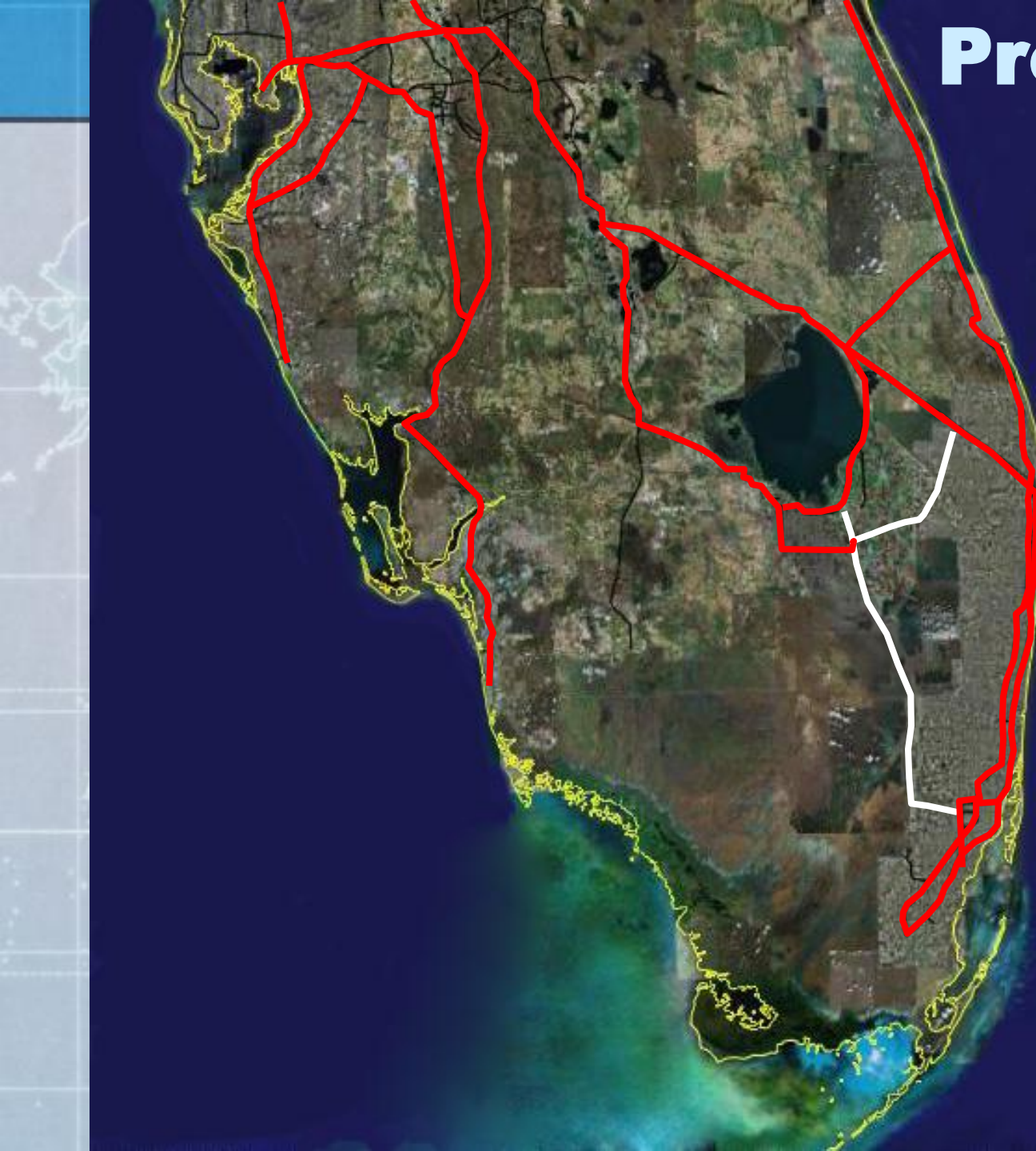


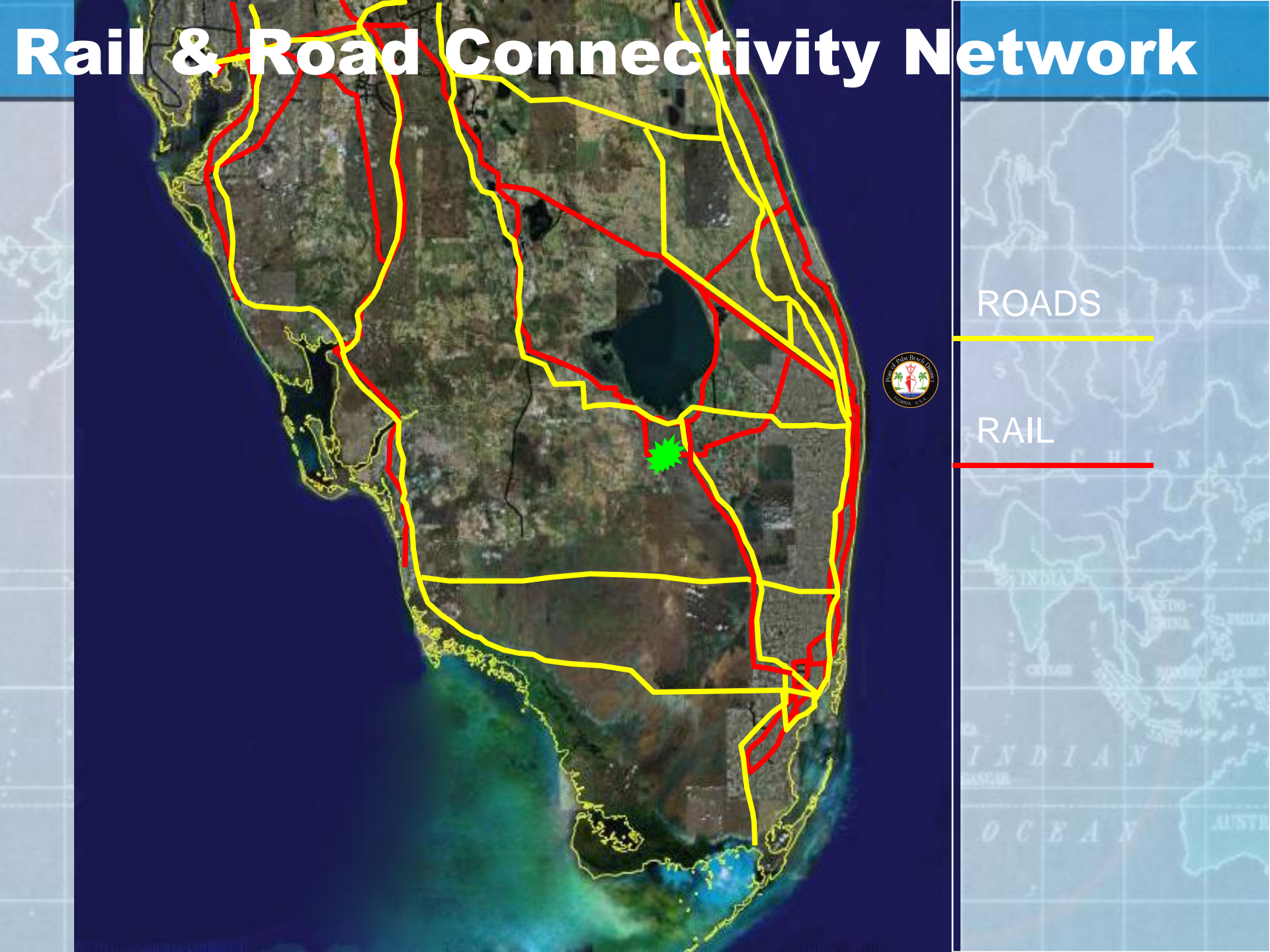
# Congestion Along The Coast





# Proposed Rail







# Inland Port Components

- **3,500 acres**
- **Warehouses, Distribution, Light Manufacturing**
- **Open Ground, Paved and Improved Storage**
- **Connectivity to existing & future Roadway Improvements**
- **Connectivity to existing & future Rail Improvements**
- **Secure Rail Interchange Facility**



## INLAND PORT COMPONENTS





# Regional Approach to Heartland Rural Area of Economic Concern



## Legend



Heartland Rural Area of  
Critical Economic Concern

# Real Jobs For The Heartland

- Direct - **Construction, trucking, maintenance, warehouse, dispatch, management, parts, rail, heavy equipment operators & security**
- Indirect – **Business opportunities to support shippers, distributors, freight forwarders, manufacturers, restaurants, fueling, retail & vocational training.**
- **Numerous entry level & family wage, full time, year-round jobs**
- **Transportation jobs = higher level paying jobs averaging \$44,000 annually**



# Disaster Response Potentials

- **Military/Medical/FEMA Response**
- **Evacuation**
- **Fuel Distribution**
- **Synergy with Industrial Facilities & Equipment**
- **Post Disaster Recovery**



# Community Factors

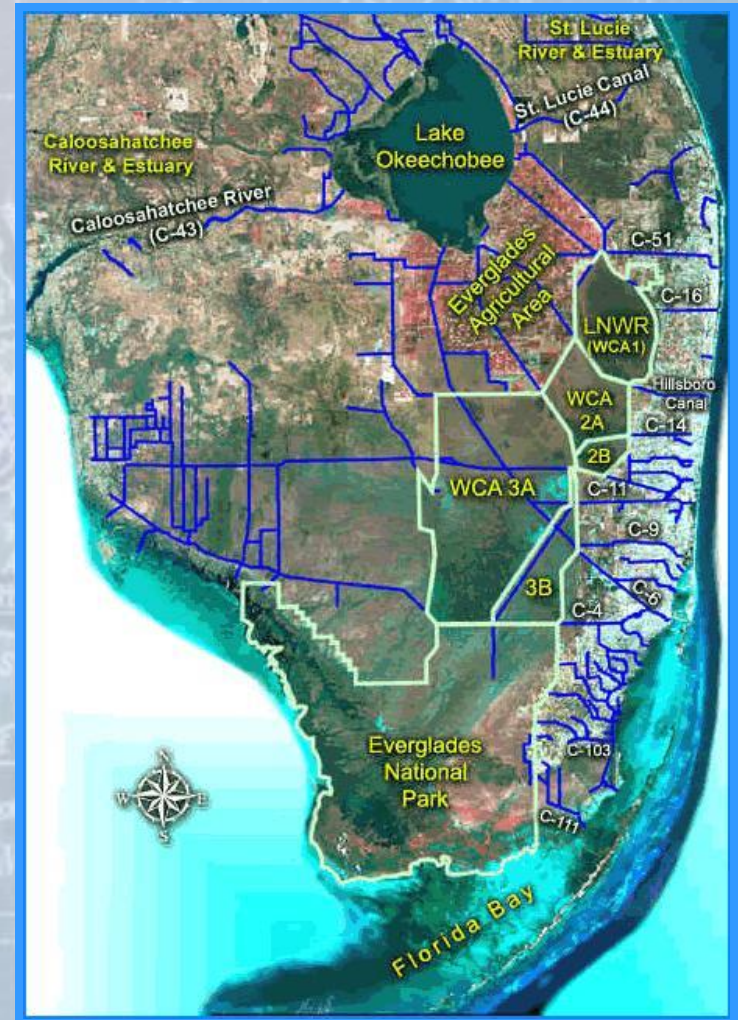
- **Economic Development for adjacent Counties**
- **Job Opportunities and Training**
- **Promotes connectivity utilizing existing transportation network**
- **Relocates freight off of I-95 & Turnpike corridors**
- **Improved transit options in urban core**
- **Improves quality of life**
- **Master planning opportunity**





# Environmental Commitment

- **EPA Consistency**
  - Increased Rail = Reduced Fuel & Emissions for Air
  - 270 vs. 12 at grade RR Xings
- **Work w/Everglades Restoration to minimize impacts**
- **Synergy w/green initiatives**
- **Improve Quality of Life**



# Process



## Port Effort

- Understand Issues
- Communicate Concept
- Get input and ideas
- Forming a working group

## FDOT Studies

- Feasibility Study 9/07
- Economic & Market Study \*\*\*
- Environmental
- Community & Master Planning
- Public Input

## Site Location

- State/Port &/or Public-Private Partnerships
- Planning, Design & Engineering
- Construction



# FDOT District Four

- **Jeff Weidner, Modal Manager**

## **Reports**

- **Feasibility Study Phase 1**
- **Market & Economic Study Phase 2**



# Multimodal Logistics Complex (Inland Port)

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