

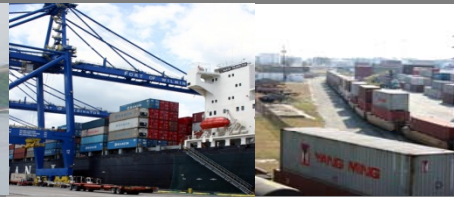
# North Carolina Ports

"Keep North Carolina Working"



Global Engagement Committee  
February 23, 2010  
Glenn Carlson  
Chief Commercial Officer  
NC State Ports Authority

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# Enhancing the Economy Statewide

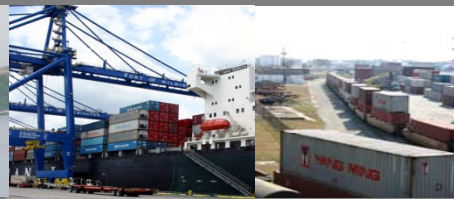
- Economic development agency for State
- Operations self-funded
- Gateways to world markets for State's business and industry
- Support nearly 85,000 statewide jobs
- \$299 million state and local tax revenues
- NC International Terminal offers economic prosperity for future generations

For more information, please visit our website

[www.ncports.com](http://www.ncports.com)



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# North Carolina State Ports Authority Facilities



Port of Wilmington



Radio Island



Port of Morehead City



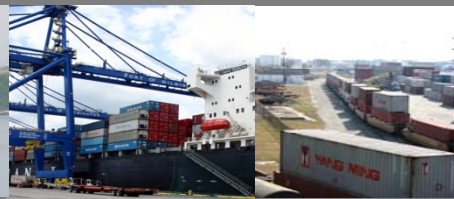
Charlotte Inland Terminal



NC International Terminal



Greensboro Inland Terminal

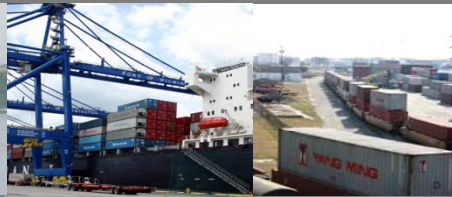




# NC Ports Support NC Business



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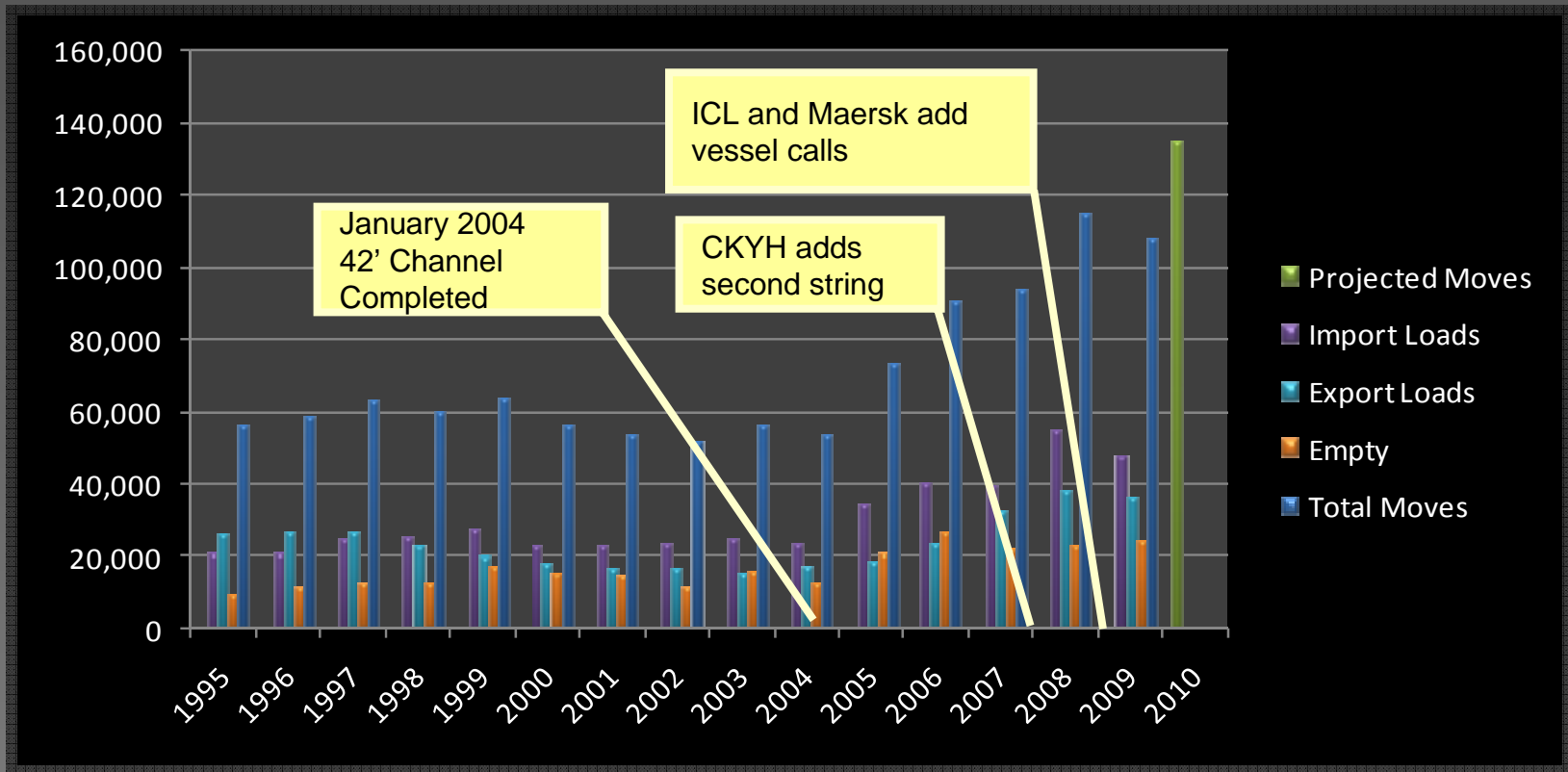
# Port of Wilmington Container Operations



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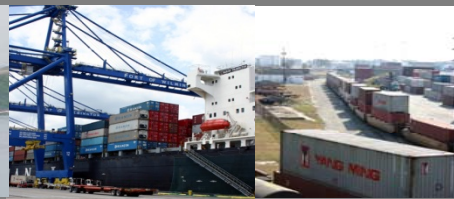


# Wilmington's Container Volume has Grown Significantly Following the Completion of the 42' Channel Project and Terminal Upgrades



In Fiscal Year 09 (July 2008-June 2009) the Port of Wilmington's two Transpacific Services fell only 9% from FY 08. Carriers took advantage of an NC Port's recommended "Port Gateway Optimization" program

With the addition of two new services, Wilmington's total container movement for Fiscal Year 2009 ended only 4% short of FY 08 – much better than the 20% overall decline in US Port Industry







Warehousemen  
Equipment Operators  
Computer Operators  
Managers  
Logistics Coordinators  
Trucking firms



Retail Workers  
Warehousemen  
Equipment Operators  
Computer Operators  
Managers  
Logistics Coordinators  
Trucking firms  
Overnight providers



Pilot organizations  
Tug Operators  
US Coast Guard  
Multiple Federal Agencies

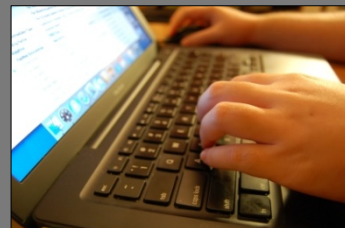
# One Container Box Thru NC's Ports Impacts all of North Carolina



Warehousemen  
Equipment Operators  
Computer Operators  
Managers  
Logistics Coordinators



Leasing companies  
Trucking firms  
Rail operators  
Maintenance firms



Steamship agents  
Terminal operators  
Customhouse brokers  
Freight Forwarders  
Logistic service providers

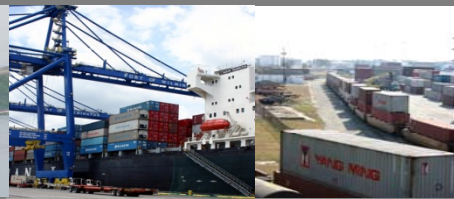


Financial institutions  
Marine construction companies  
Int'l Longshoreman Assoc (ILA)  
Terminal operating companies  
Gate Inspectors  
Security Officers  
Warehousemen  
Customs Officers  
Equipment Operators  
State Employees  
On Terminal Rail Operators  
US Army Corps of Engineers  
Other governmental agencies

# Port Infrastructure Development

During these uncertain economic times, the Ports Authority continues its mission to enhance the economy of North Carolina

The Authority will proceed with the port expansion necessary to position the Authority for the economic recovery and a continuation in the growth of international trade



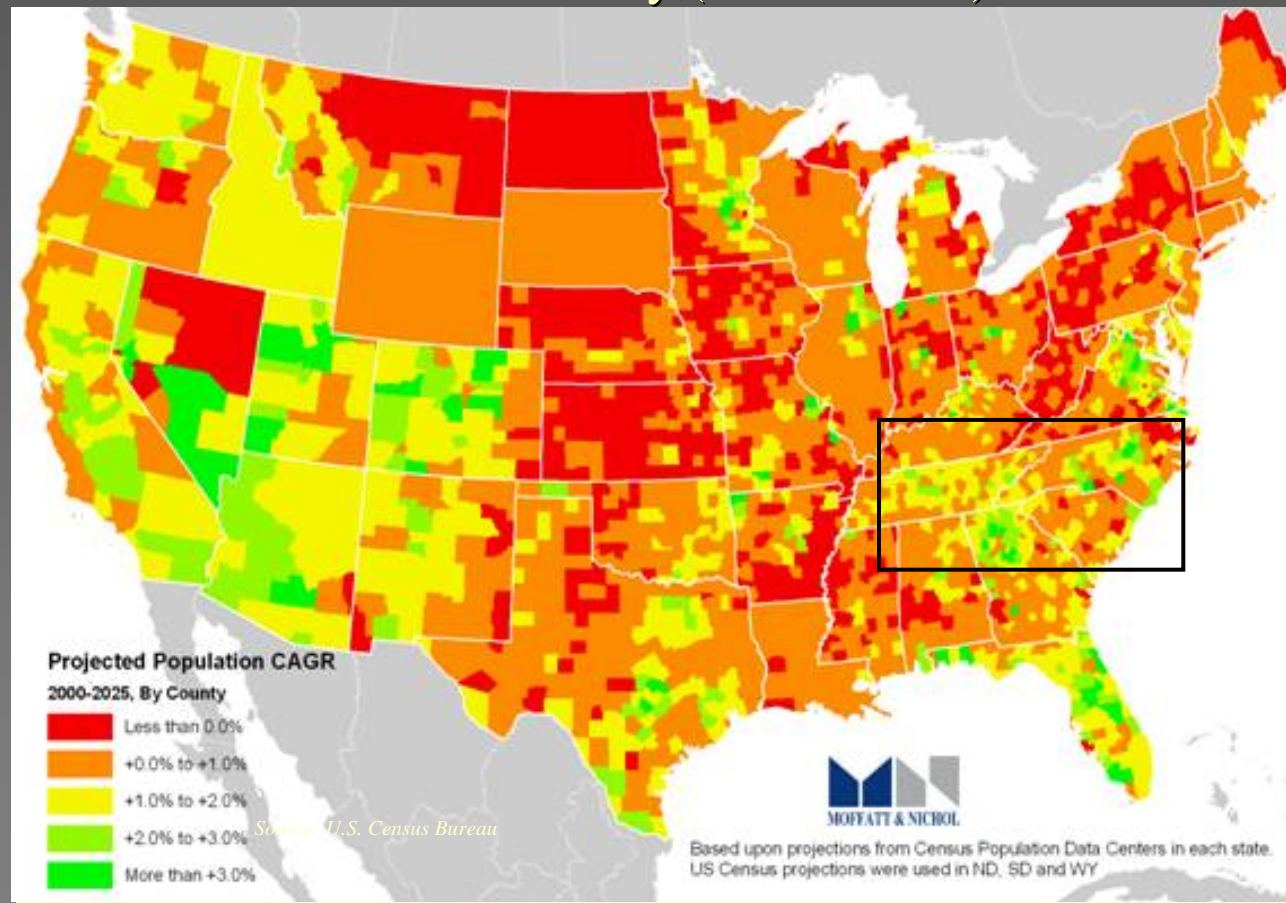


# Population demographics support an above-average market opportunity within North Carolina and South Atlantic region

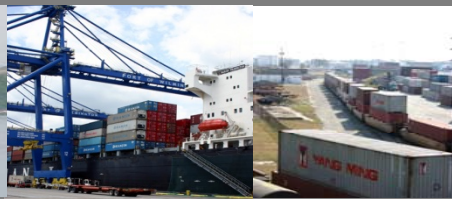
## Key Observations

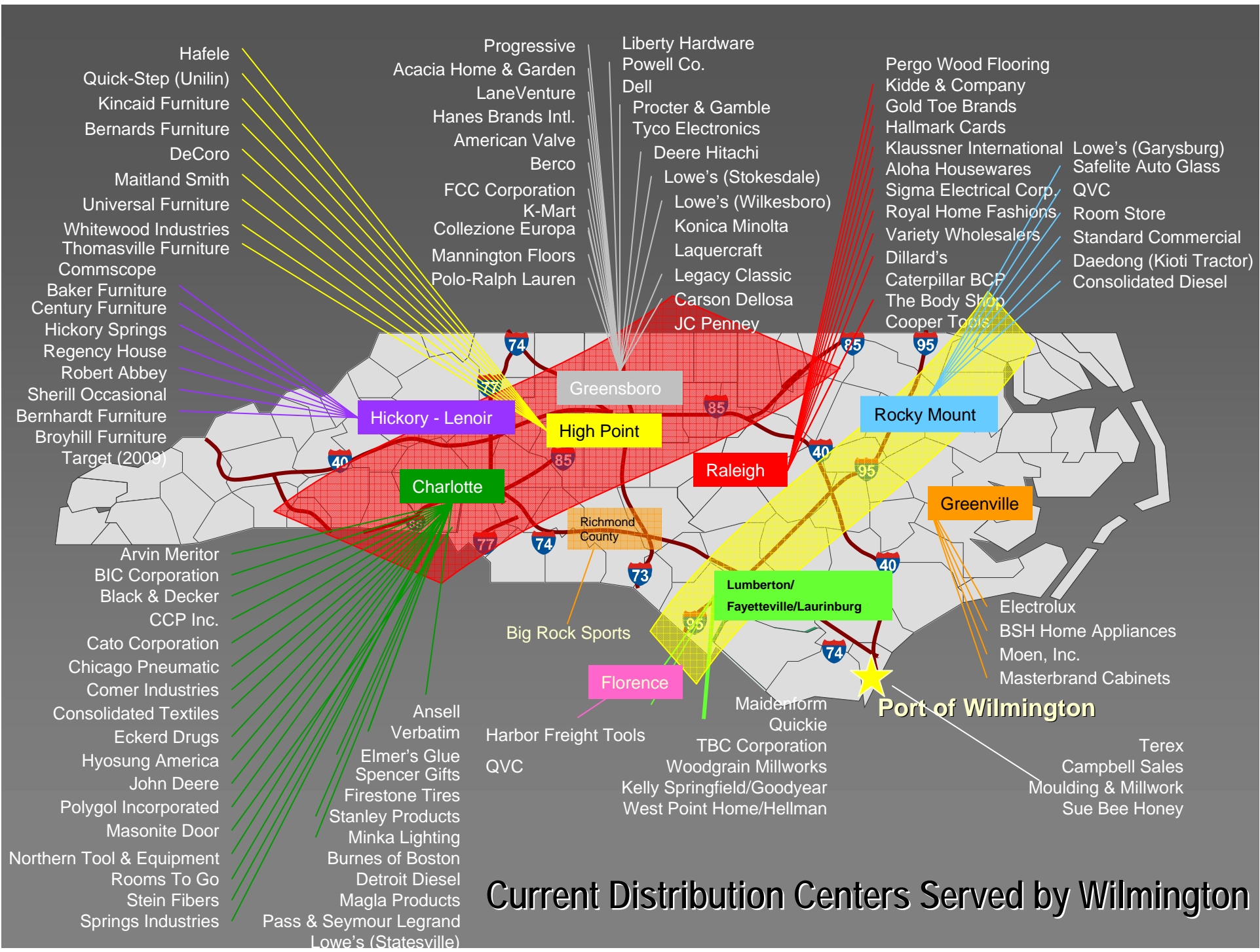
- ▶ Population is moving South and to the coasts
- ▶ **Emerging mega-metropolis in the Charlotte /Atlanta / Knoxville-Memphis area**
- ▶ **North Carolina will be the seventh most populous state by 2030**
- ▶ North Carolina's purchasing power exceeds national averages, and is forecasted to remain so
- ▶ North Carolina's GDP growth is forecasted to exceed national averages

## Forecasted Population Growth by County (2005 – 2030)



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**Current Distribution Centers Served by Wilmington**



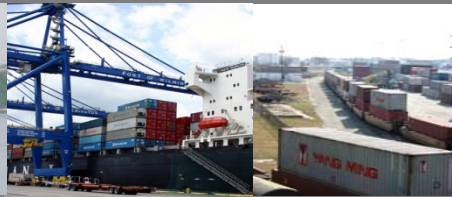
# Capital Projects – Port of Wilmington



Container Terminal Expansion  
\$190 million  
Increase container throughput  
capacity to 600,000 TEU



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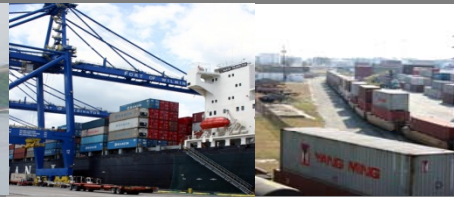
# Capital Projects – Port of Morehead City

## Morehead City

New 177,000 Sq. Ft. Warehouse  
Central Hardstand  
\$21 million



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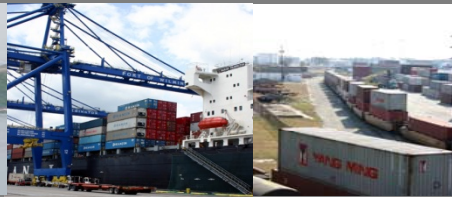


“America’s next great port”

## North Carolina International Terminal

Jobs, investment and growth - that is what America’s next great port means to the State of North Carolina

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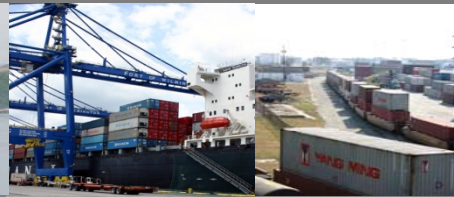


# North Carolina International Terminal (NCIT)

- Vacant Site
- Purchased by NC Ports in April 2006
- 600 Acres; 4600 LF of Berth
- 4 Miles from Atlantic Ocean; 9.5 Miles from Sea Buoy
- Site is Rail Served
- Planned Operating Depth 50' MLLW
- Estimated 3 Million TEU thruput at full build out
- Anticipate 1<sup>st</sup> phase operational 2017
- Strategic to NC Military

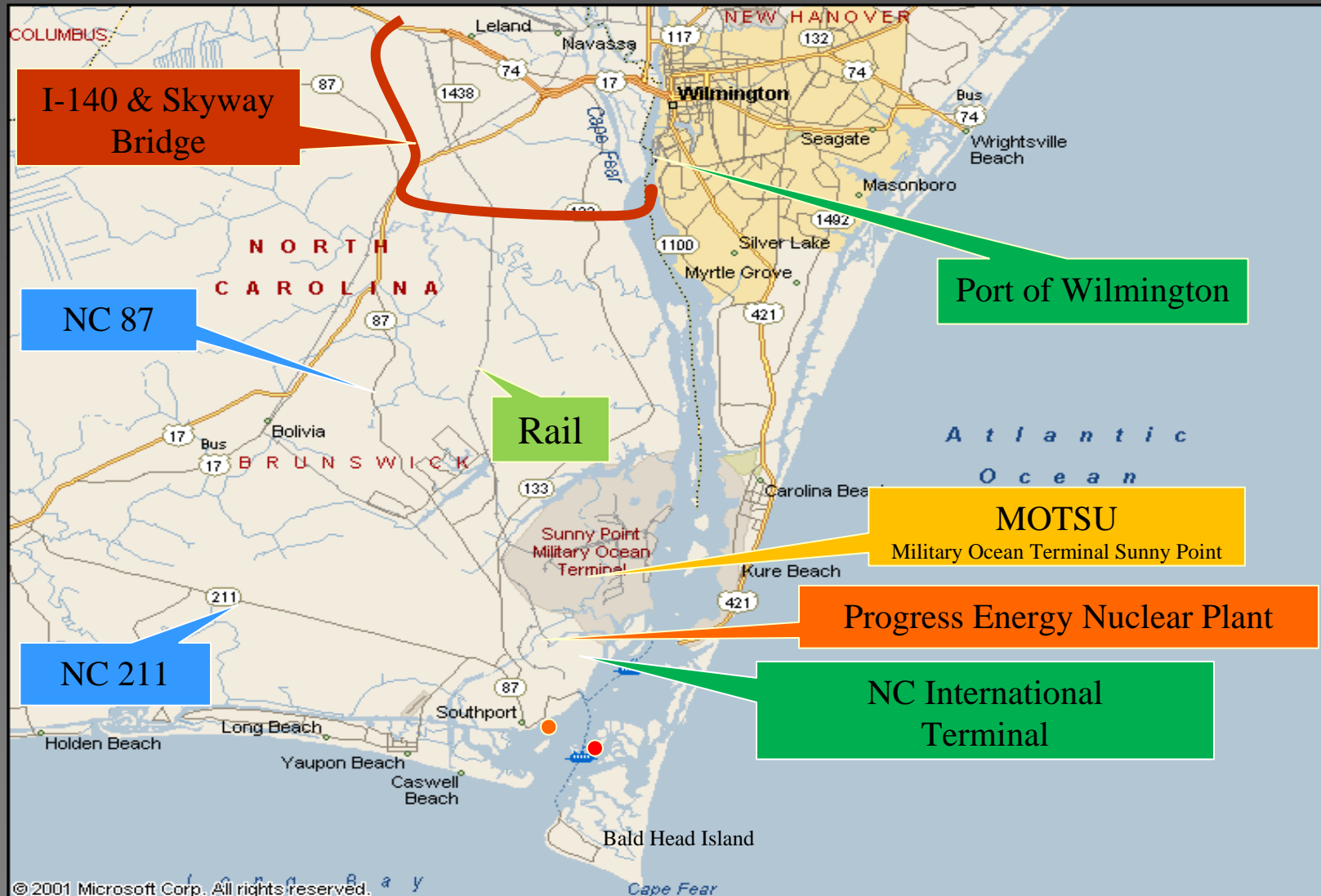


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# North Carolina International Terminal Location



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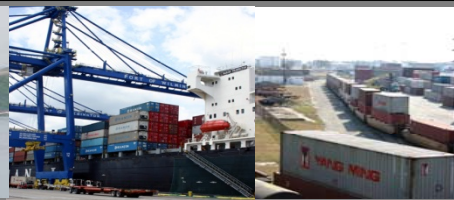


# NCIT - Significant Statewide Economic Impact Employment, Investment and Tax Revenues

- ▶ An estimated 16,500 new terminal-related jobs will be created; more than 477,000 jobs will be supported
- ▶ An estimated \$114 million in new state and local taxes will be generated annually; more than \$1.2 billion annually will be supported by port activities

Source: *THE PROJECTED ECONOMIC IMPACTS OF THE NORTH CAROLINA INTERNATIONAL TERMINAL*, March 2008, Martin Associates

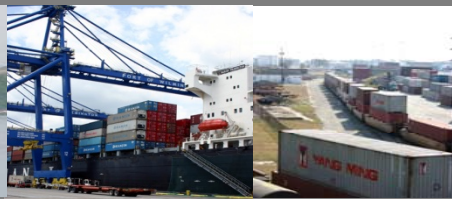
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# Surface Transportation Infrastructure

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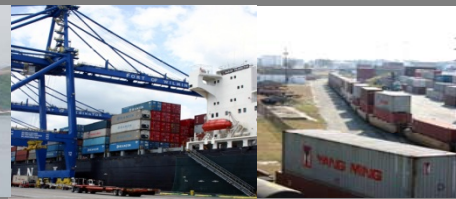
# Highway and Rail Infrastructure Priorities

## Highway:

- I-74 Upgrade Gastonia to Wilmington including Monroe Bypass – Interstate connectivity Charlotte to Wilmington
- Wilmington Bypass - I-140 and Cape Fear Skyway Bridge
- NC International Terminal connector to I-140, I-74 and I-40
- US 70 Strategic Corridor including Havelock and Beaufort Bypass
- Gallant Channel Bridge

## Rail:

- Pembroke Northern Connector
- CSX to Fort Bragg Connector
- Castle Hayne to Wallace rail restoration
- CSX National Gateway





# Major Projects Improve Highway Transportation Access

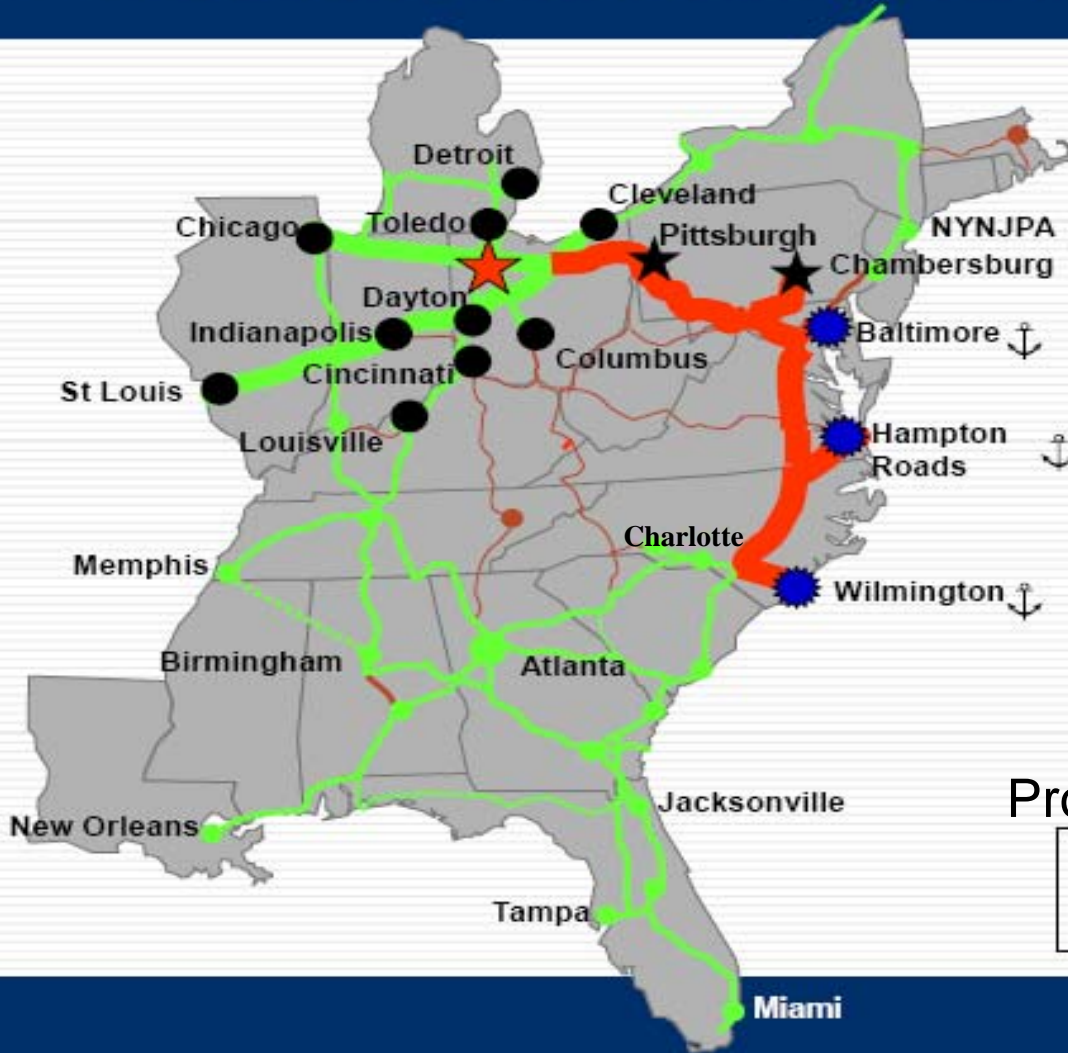


- 1 **I-140 Wilmington Bypass (Sections 1 & 2)** Opened! July 2007  
*Improves connection from Container Terminal to I-40* **\$59,670,000**
  - 2 **I-73 Corridor from I-74 to I-85 at Greensboro** Opened! January 2008  
*New 16.8 mile Interstate Route connects I-74 to I-85* **\$74,500,000**
  - 3 **Upgrade US 74 to Interstate Quality West of I-95** Opened! September 2008  
*Major upgrade from Wilmington Container Terminal to I-85* **\$100,000,000**
- RECENT HIGHWAY INFRASTRUCTURE INVESTMENTS** **\$234,170,000**

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# National Gateway Unlocks Mid-Atlantic Region



- Connects Mid-Atlantic Region to the Midwest and beyond
- ★ NW Ohio Transfer Yard enables CSX service to new major markets
- Supports long-term growth of Mid-Atlantic ports
- Expedites traffic through Chicago and St Louis gateways

Projected completion 2014

	CSX National Gateway
	CSXT Double Stack Routes
	Other CSXT Routes

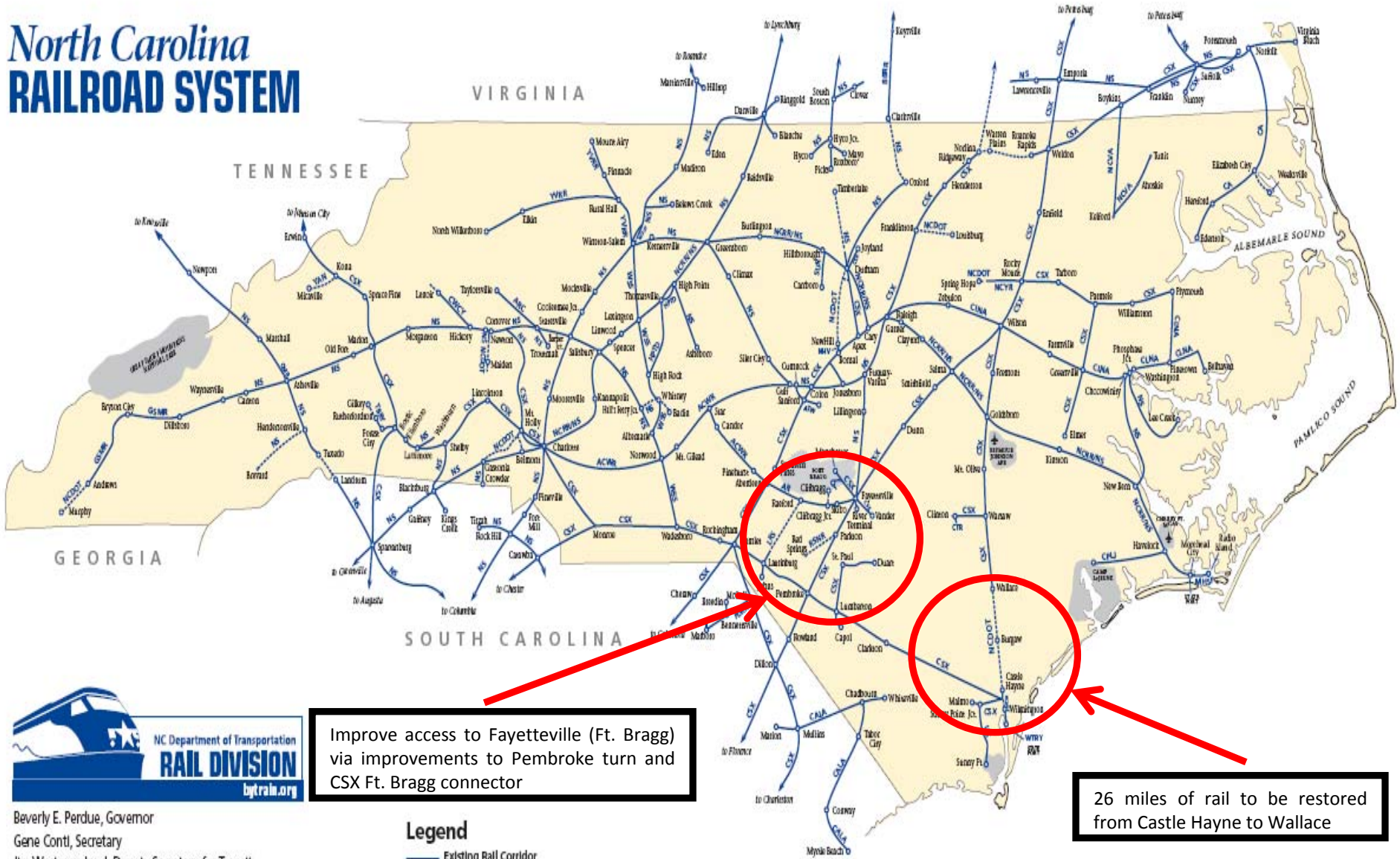
How tomorrow moves **[CSX]**

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# North Carolina RAILROAD SYSTEM



Improve access to Fayetteville (Ft. Bragg) via improvements to Pembroke turn and CSX Ft. Bragg connector

26 miles of rail to be restored from Castle Hayne to Wallace



Beverly E. Perdue, Governor  
Gene Conti, Secretary  
Jim Westmoreland, Deputy Secretary for Transit  
Patrick B. Simmons, Director, Rail Division

**Legend**  
 — Existing Rail Corridor  
 - - - Preserved Rail Corridor/Out of Service

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# Questions



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