



# Freight Transportation Facilities Impact on Economic Development

August 19, 2015



Stewards of Tomorrow

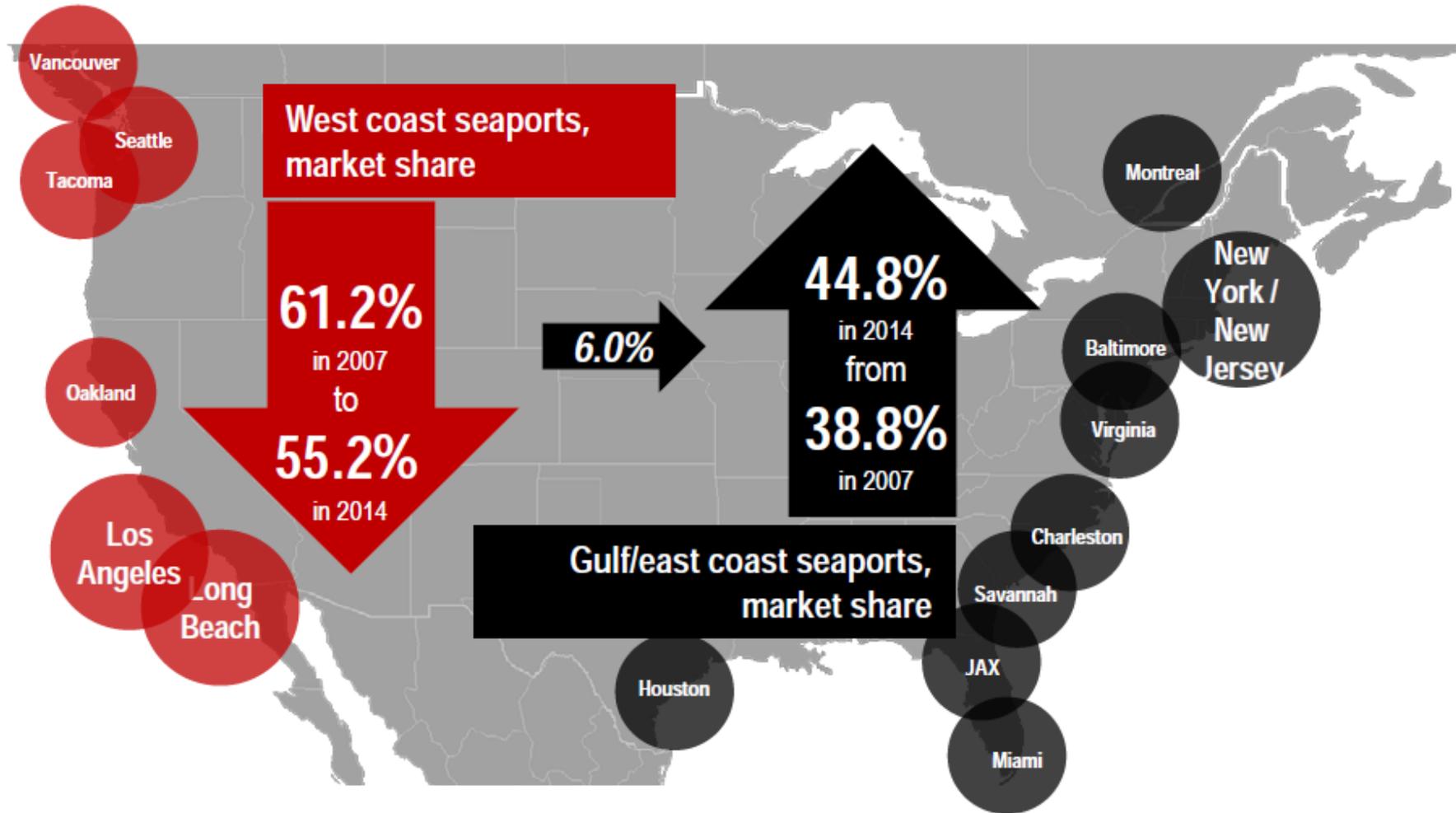


# International Cargo Trends



# TEUs have been shifting to the east

A new Panama Canal will advance this trend

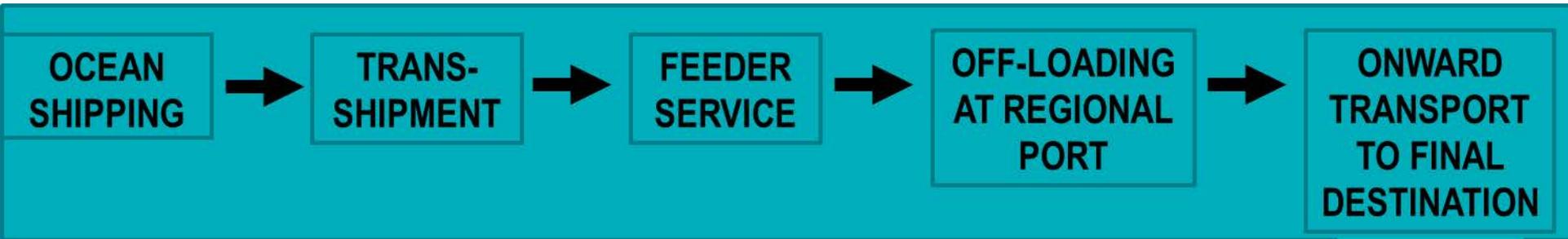


Source: JLL, PAGI Report

# East Coast Ports



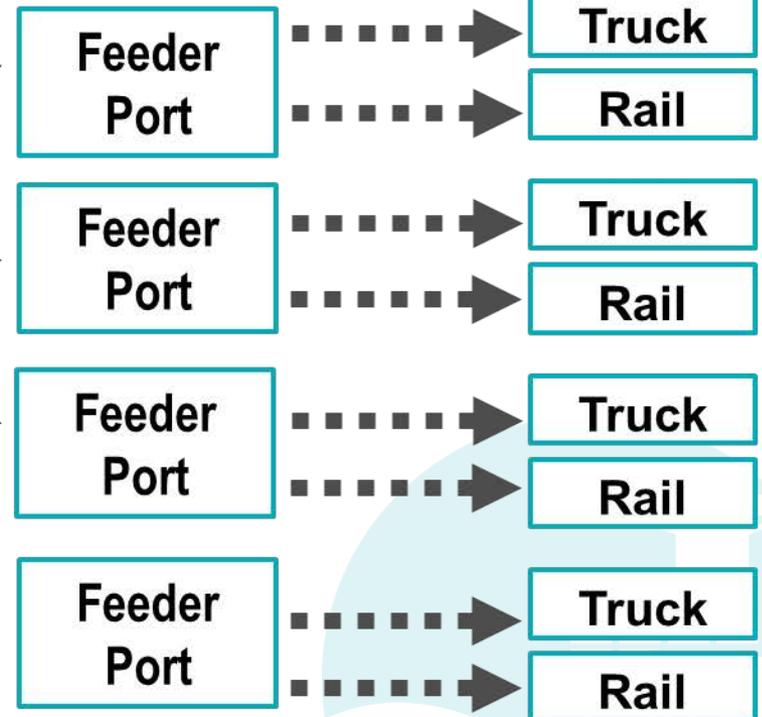
# Hub and Spoke



INTERNATIONAL CONTAINER SHIP



HUB PORT



# Economic Impacts FY 2013



**\$17.5 billion in wages**  
**374,000 employees**  
**9.4% VA workforce**



**18 million tons**  
**\$53.2 billion**



**4.5 million tons**  
**\$10.9 billion**



**GSP \$30.5 billion**  
**6.9% of GSP**

Source: *The Fiscal Year 2013 Economic Impacts of The Port of Virginia*, Raymond A. Mason School of Business, William & Mary

# Norfolk Southern



# Rickenbacker Logistics Park



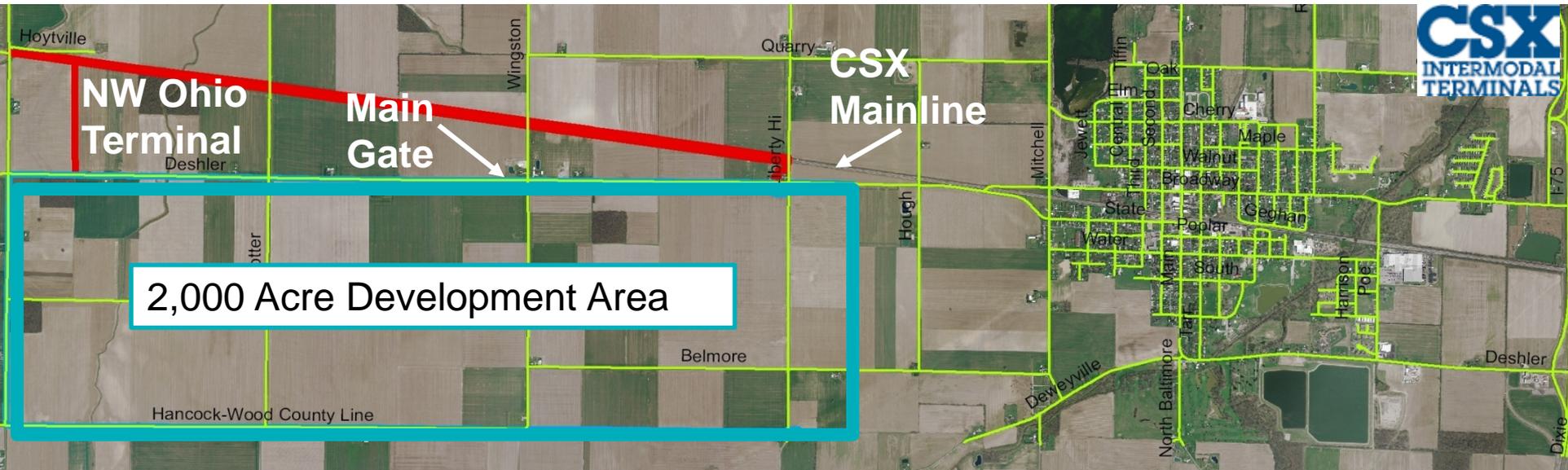
- Opened March 2008
- Located 18 miles from Columbus, OH
- Over 15,000 acres of existing or planned development



- Annual lift capacity: 250,000
- Accommodates the delivery of overweight containers throughout the facility



# NW Ohio: Development Opportunities



Wood County Economic Development, Inc. has reserved 2,000 acres adjacent to the new terminal for industrial development.



THE PORT OF  
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# TRANSPORTATION TRIANGLE

The Port of Richmond . Virginia Inland Port . Greensboro Rail Platform

# Virginia Inland Port



- The Virginia Inland Port (VIP) is located 220 miles northwest of Norfolk in Front Royal, VA, across 161 acres
- Handled over 32,179 containers in 2013
- On-site rail service by Norfolk Southern with five-day-a-week rail service between the VIP and the marine terminals in Hampton Roads
- Direct interstate access to I-81 and I-66

# Virginia Inland Port Target Market



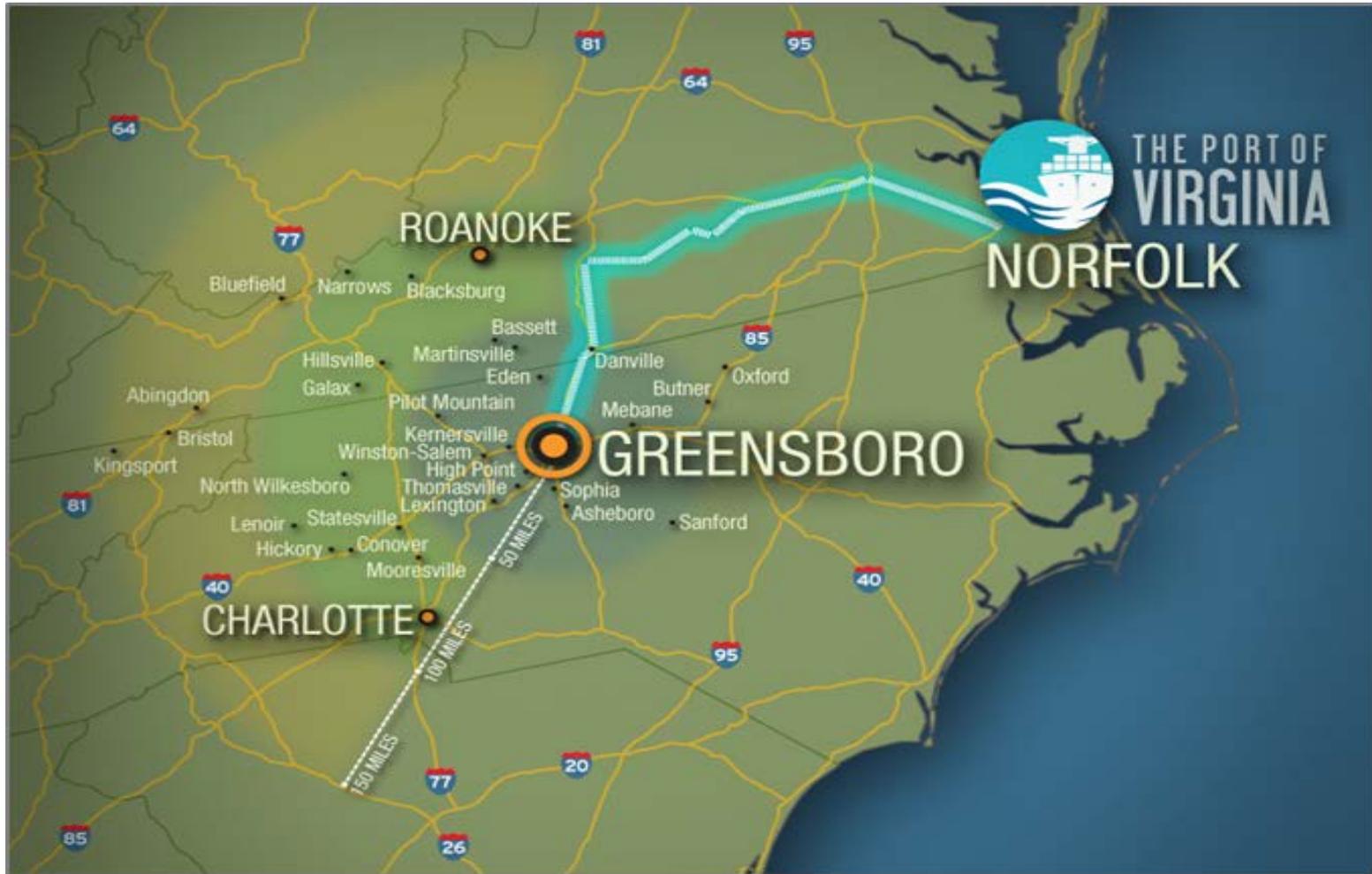
# Richmond Barge



# Port of Richmond



# Norfolk Southern Greensboro Rail Service



ACCESSIBILITY • HELPFULNESS • INNOVATION  
**STEWARDS OF TOMORROW**  
SUSTAINABILITY • FORTITUDE • MINDFULNESS



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