

*How tomorrow moves* [CSX]



*Collaborating for Growth*  
*AAPA Tampa*  
*January 27, 2010*

## *What do shippers expect after a recovery?*

- Intermodal growth estimates far exceed other modes
- Intermodal is still a more economic alternative than over-the-road solutions, though the gap has narrowed considerably in recent months
- Fuel efficiency, improving service and lower costs are driving share gains despite aggressive over-the-road pricing and lower fuel prices
- Carriers with large intermodal franchises should continue to benefit from 'over the road' conversion

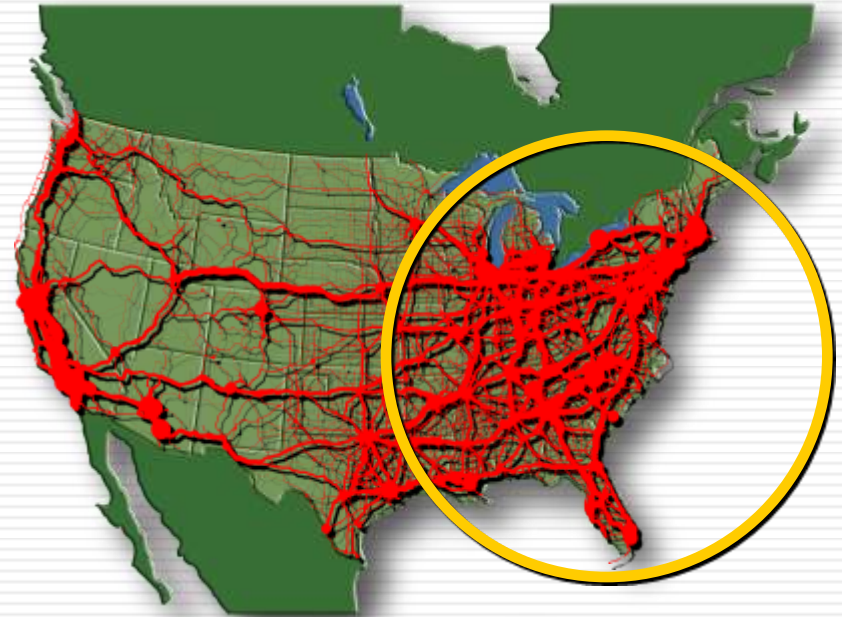
Source: Morgan Stanley Freight Pulse 16, April 2009.

# Congestion will get worse

Today



2020



CSX Territory

Truck Volume Scale



Source: USDOT FHWA Freight Analysis Framework

# *Future demands require significant investment*

## Investment required by 2035

**Freight  
Rail**

**\$ 135 Billion**

**Passenger  
Rail**

**\$ 198 Billion**

**Highways**

**\$ 5 Trillion**

Source: Rail – 2007 AAR/Cambridge Study; Highway – 2007 DOT Surface Transportation Study

# Vital Southeast solutions

## Mutual Wins

**Partners:** Georgia, South Carolina, Florida, Alabama, CSX, SE Ports

**Investments:** \$888m

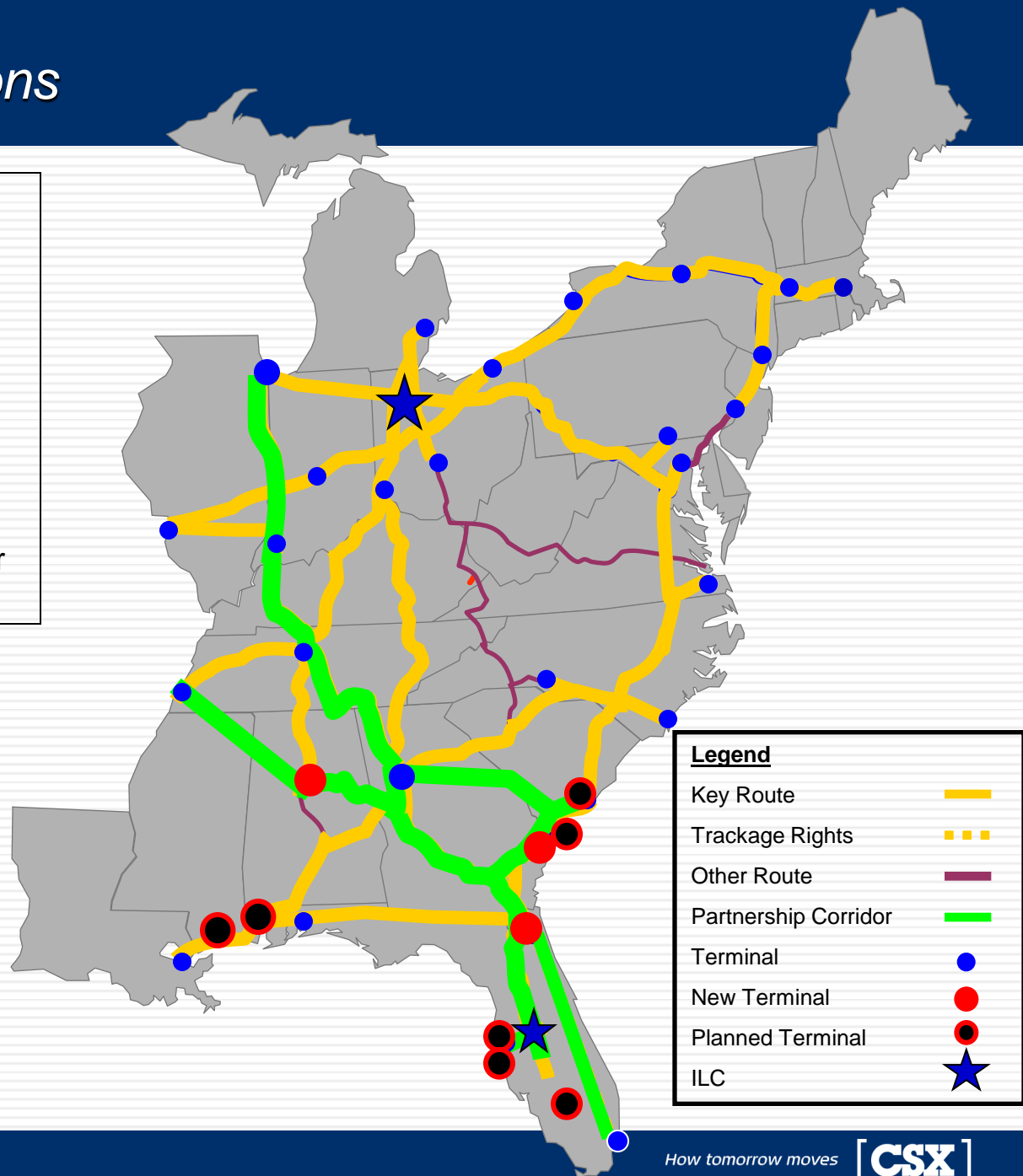
**Start Date:** 2004

**Finish Date:** 2014

**Projects:** SE Expressway, Savannah ICTF, JAXPORT Expansion, Bessemer ICTF, Winter Haven ILC

## Next Wave: 2014 and Beyond

- ✓ Charleston, SC
- ✓ Jasper County SC
- ✓ Mobile, Alabama
- ✓ Gulfport, Mississippi
- ✓ Tampa, Florida
- ✓ Port Manatee, Florida
- ✓ South Central Florida



# Vital Northeast solutions

## Mutual Wins

**Partners:** Massachusetts, New York, New Jersey, Pennsylvania, NE Ports

**Investments:** \$886m

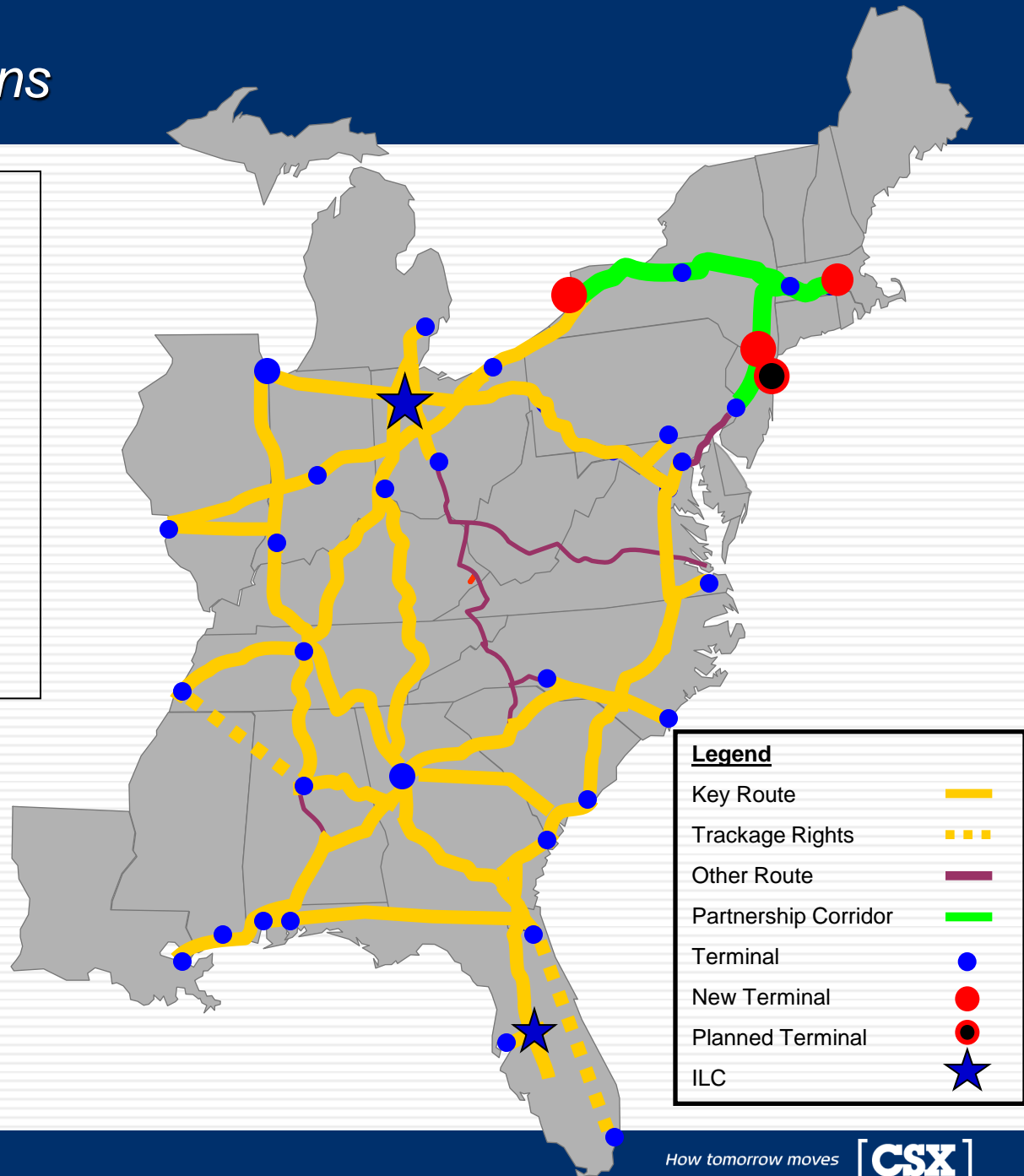
**Start Date:** 2004

**Finish Date:** 2013

**Projects:** River Line Capacity Improvements, Express Rail, Liberty Corridor Clearances, MBTA Deal, Buffalo Terminal, Trenton Line Clearances

## Next Wave: 2013 and Beyond

✓ **PANYNJ Greenville Intermodal Yard**



# Vital Mid-Atlantic solutions

## Mutual Wins

**Partners:** Ohio, Pennsylvania, Maryland, Virginia, North Carolina, Mid-Atlantic Ports

**Investments:** \$858m

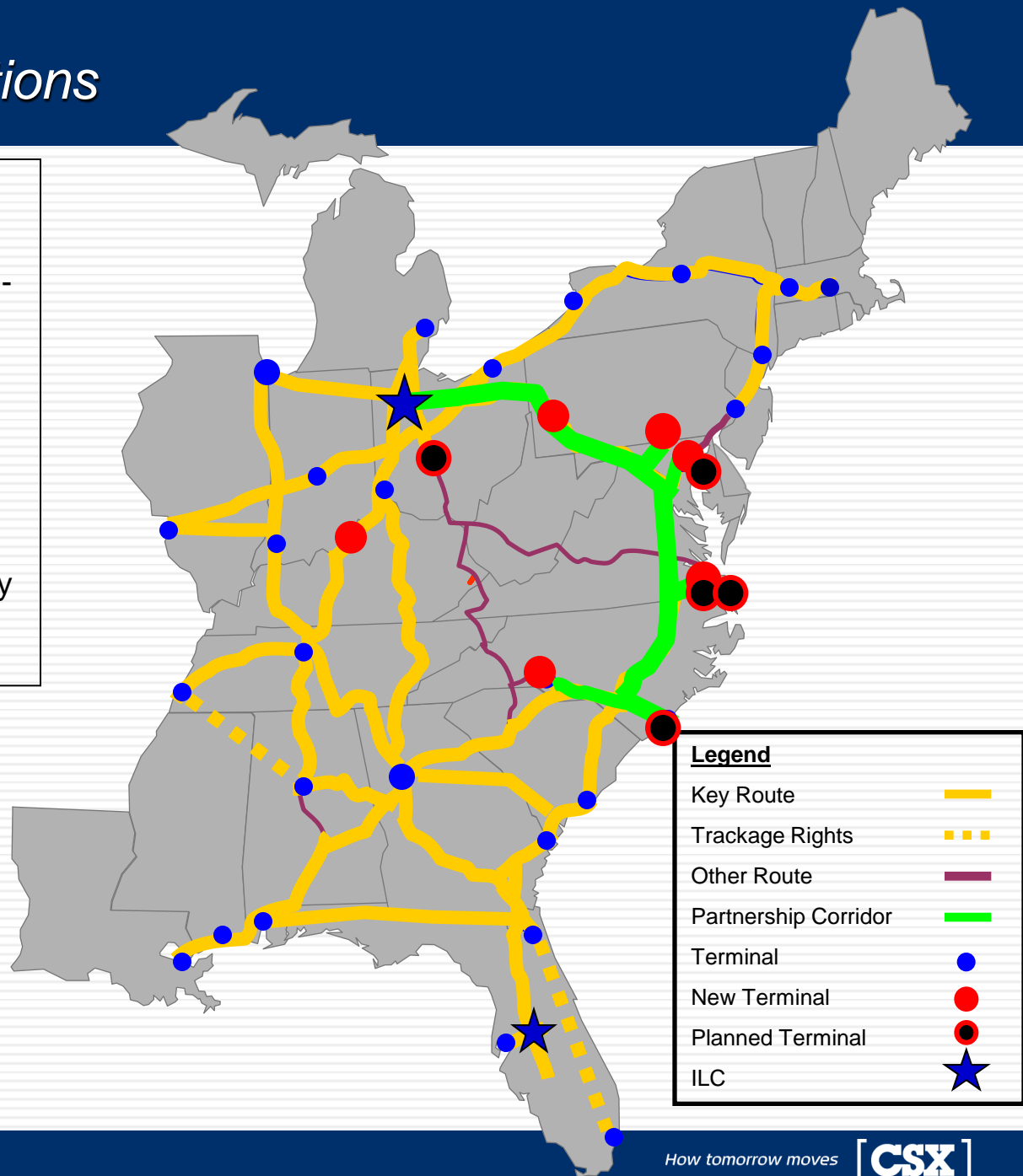
**Start Date:** 2007

**Finish Date:** 2014

**Projects:** NW Ohio, Pittsburgh, Chambersburg, BWI, National Gateway Clearances, APM Terminal Access, Charlotte Expansion, Louisville

## Next Wave: 2014 and Beyond

- ✓ NC International Terminal
- ✓ Craney Island
- ✓ Suffolk, Virginia
- ✓ Seagirt
- ✓ Columbus



## Northwest Ohio – Widespan Crane Operation



5 widespan cranes  
8 working tracks  
Two straddle lanes  
One truck lane  
5 container stacks (4 high)  
18 block swap tracks

### ■ Environment

- Reduce carbon emissions
- Almost silent operations

### ■ Network

- Increase terminal throughput
- Connect more markets
- Reduce transit times

### ■ Operations

- Semi automatic operations
- Improves facility safety
- Reduce equipment maintenance
- Reduce fuel & labor expense

*Evansville Western Railway, an affiliate of CSX,  
is the developer-operator of this NW Ohio facility*



# The Future in action



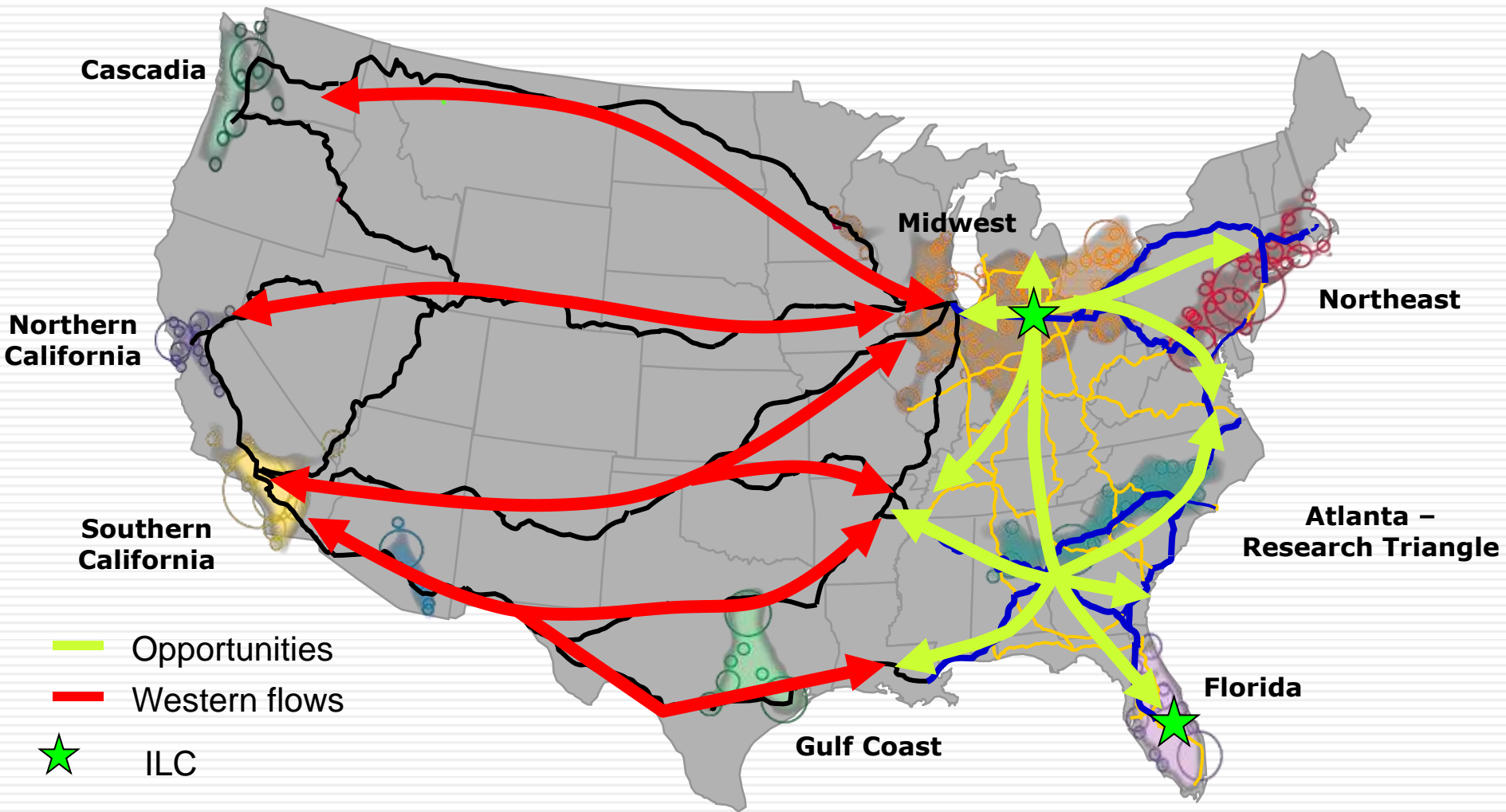
# *The momentum continues*

## **Northwest Ohio milestones**

- Earthwork 98% complete
- 8 miles of track assembled
- Crane rail foundation is complete
- Operational mid-2011



# An evolved network addresses new flows



Blue + Yellow = Green

