How tomorrow moves

CSX

National Gateway

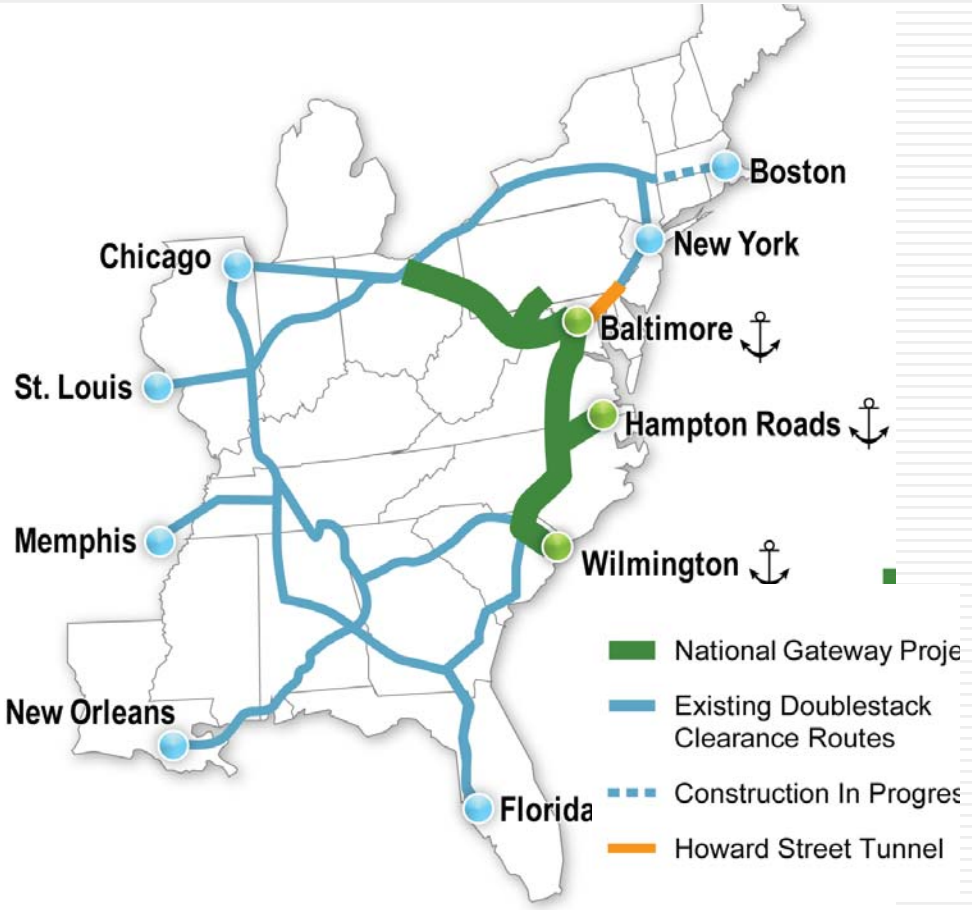
Preparing for Tomorrow

April 28, 2010

National Gateway overview

- **Project overview:**
  - $842 million in investments
  - 61 double stack clearance projects
  - Construction of 6 intermodal terminals

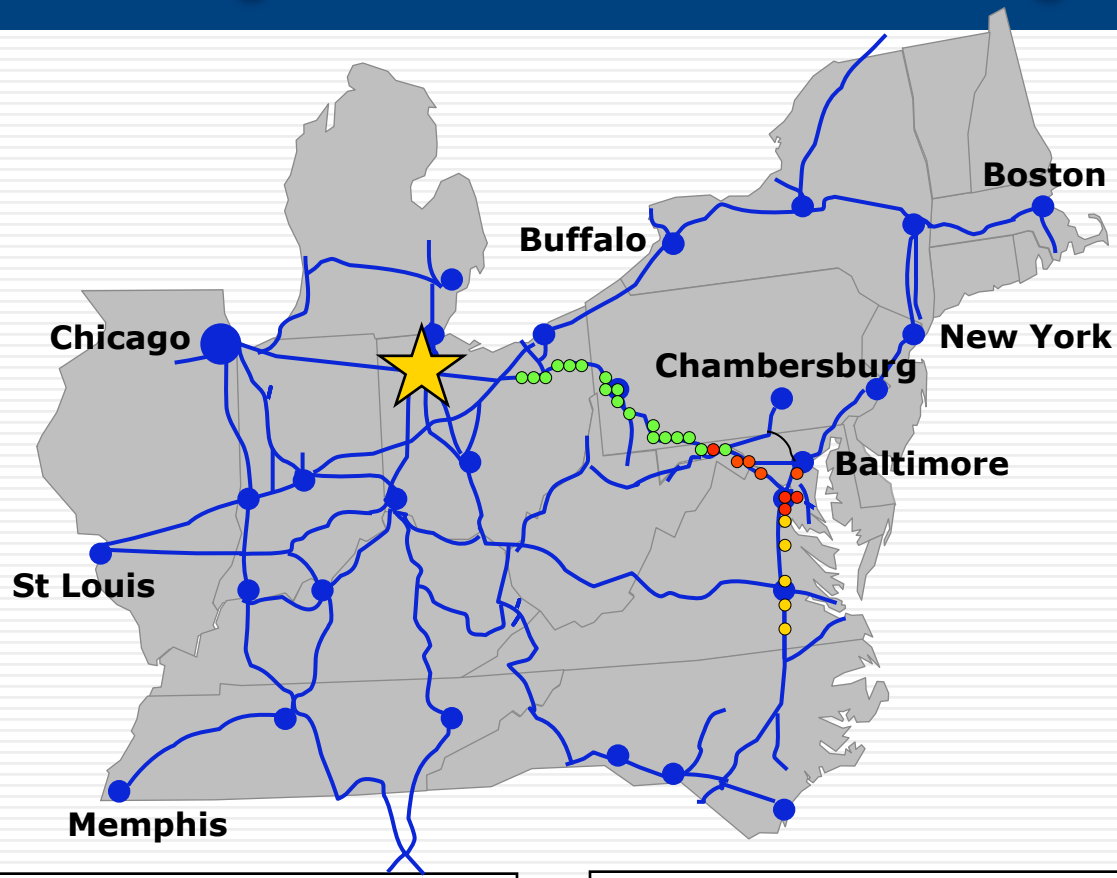
- **Strategic value**
  - Increases intermodal capability in key population centers
  - Provides double stack capacity from East Coast Ports to Midwest



National Gateway: TIGER segmented clearance funding

Clearance projects
(not all projects shown)

- Northwest Ohio Terminal
- NW OH/Chambersburg:
  38 locations funded
  OH – 18, PA – 17, WV – 3
  2 locations unfunded
  MD - 2
- Not funded - 16 locations
  MD – 8, WV – 2, DC – 6
- VA funded: 5 locations
  VA – 5



NW OH to Chambersburg:	**$183M**
TIGER Funded	$ 98
State (OH,PA)	$65
Unfunded	$20

Unfunded	
BWI to Portsmouth:	**$182M**
Federal	$115
State	$31
CSX	$36

Unfunded	
Chambersburg to BWI:	**$30M**
Federal	$25
State (WV)	$5
CSX	$0

The National Gateway makes a difference in Ohio

- **Enhances Ohio's market access potential**
- **Positions Ohio to be more competitive in the global economy**
- **Reduces highway congestion**
- **Reduces costs for road maintenance and logistics**
- **Reduces greenhouse gas emissions and helps improve air quality**

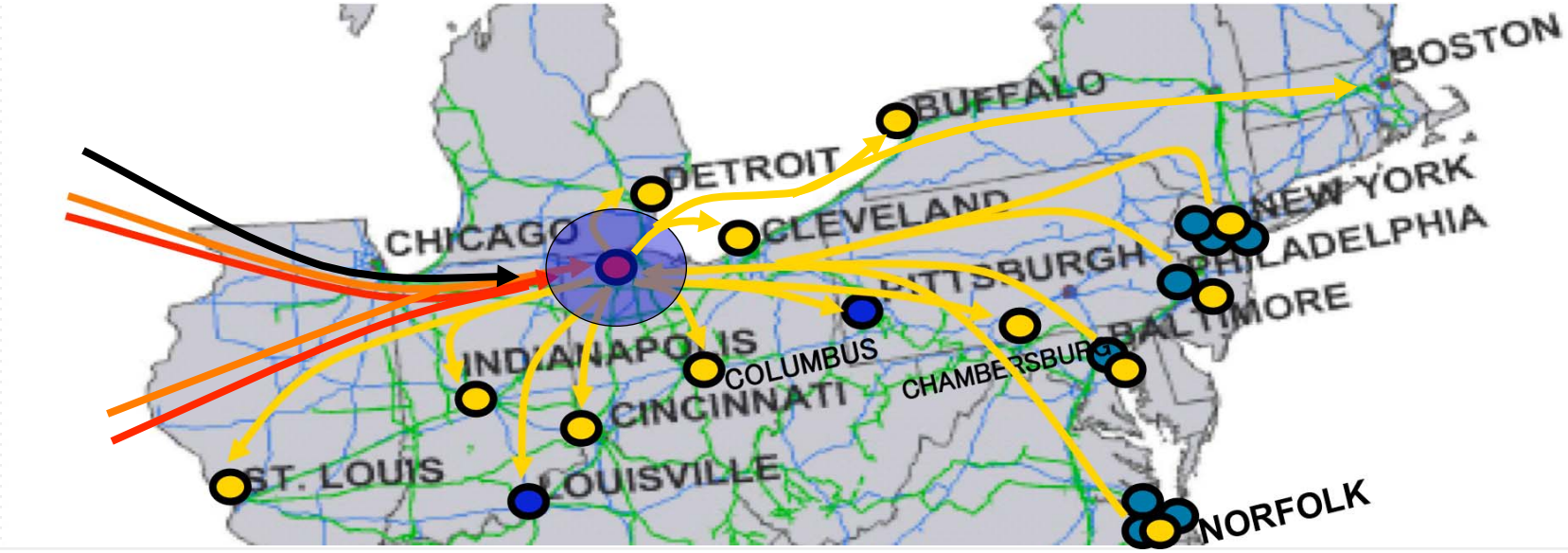
"World Cargo News" Quotes

US rail automation moves forward

- CSXI's NW Ohio terminal will include what is believed to be the highest level of process automation at a Class I railroad facility in North America
- The terminal is one of a new generation of US intermodal terminal featuring widespan RMGs to serve rail, trucks and container stacks
- Systems will automate train inventory and crane management procedures, allowing the cranes to gantry automatically to the correct position for a task generated by the TOS and job completion confirmation to be sent back to the TOS automatically.

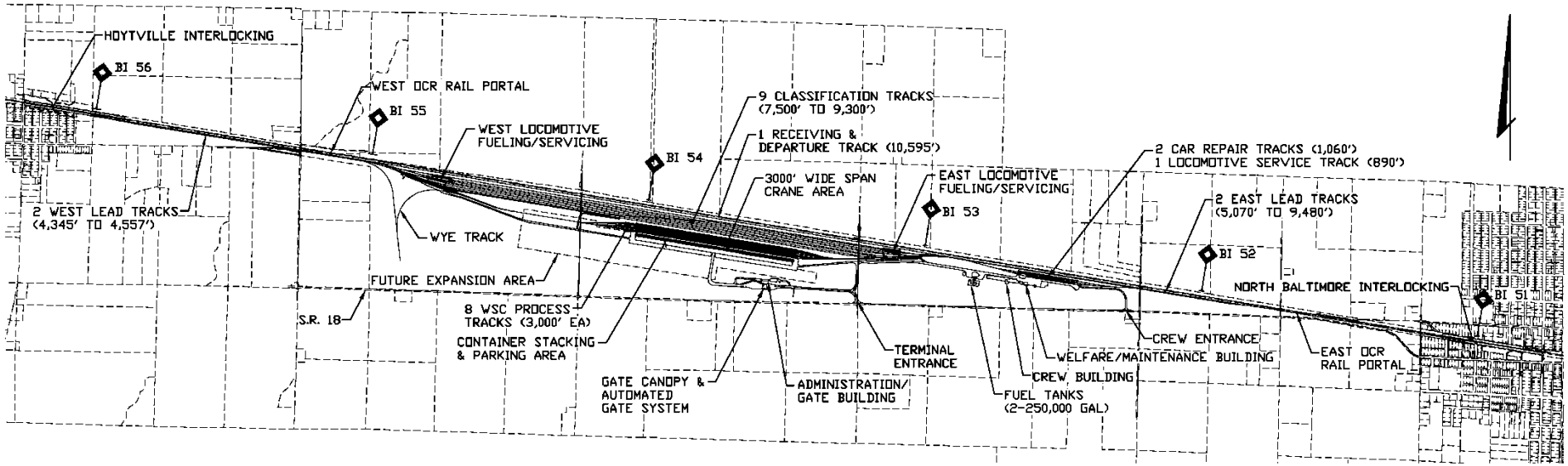
December, 2009

NW Ohio Transforms the CSXI Network



- Terminal allows Chicago run-through service
- Hub strategy will significantly improve routing efficiency
- New service offerings available due to “hub density”

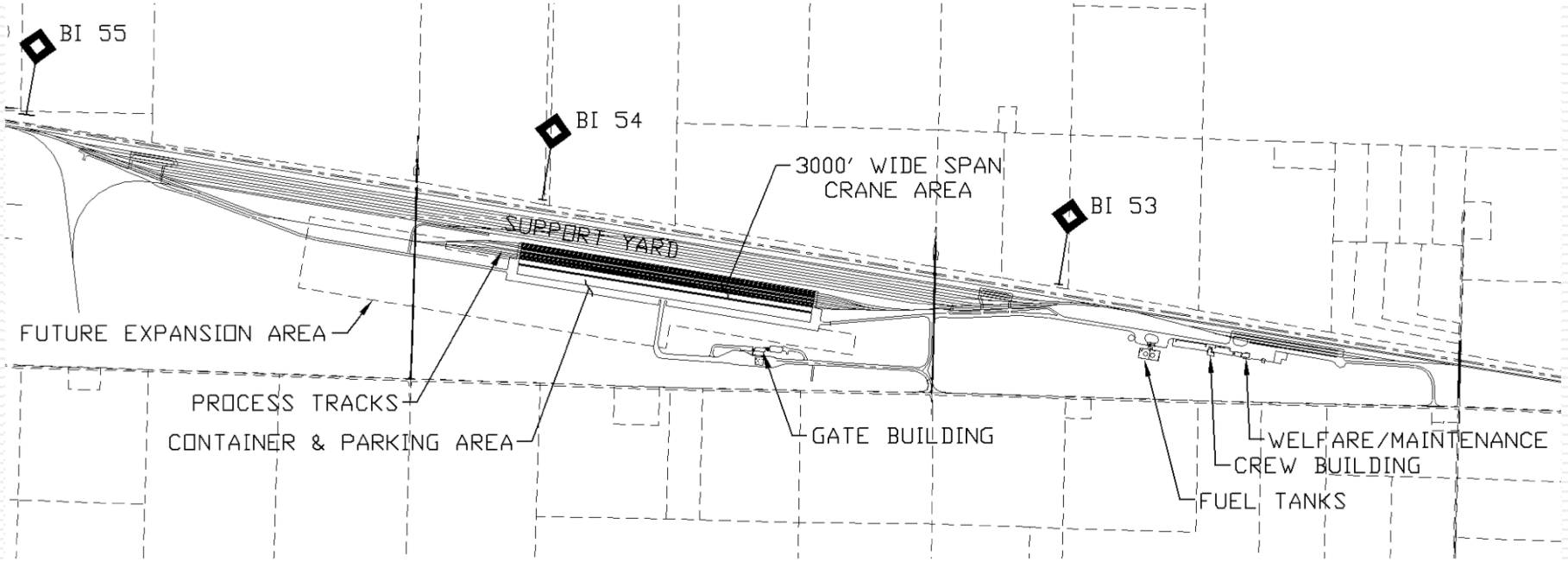
Terminal Features



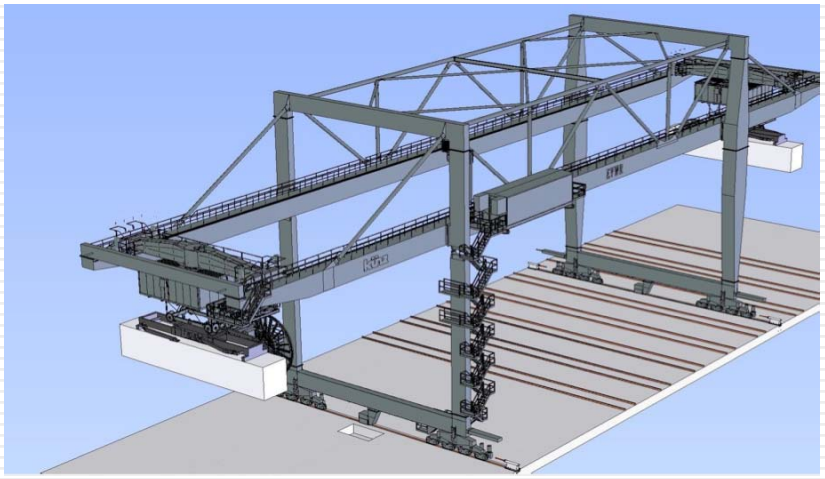
- Roller Compacted Concrete
- Steel Ties in Yard
- 100’ High Mast Light Towers
- Camera System
- Hydraulic Switches
- Automated Gate System
- Car Tracking System
- Shove Protection System

Yard design is optimized for trans-shipments

- Extensive modeling used in design process
- Multiple operational requirements achieved
  - Rapid mainline exit/entry
  - Block swapping capability (support yard)
  - Small block processing (cranes)



Northwest Ohio – Widespan Crane Operation



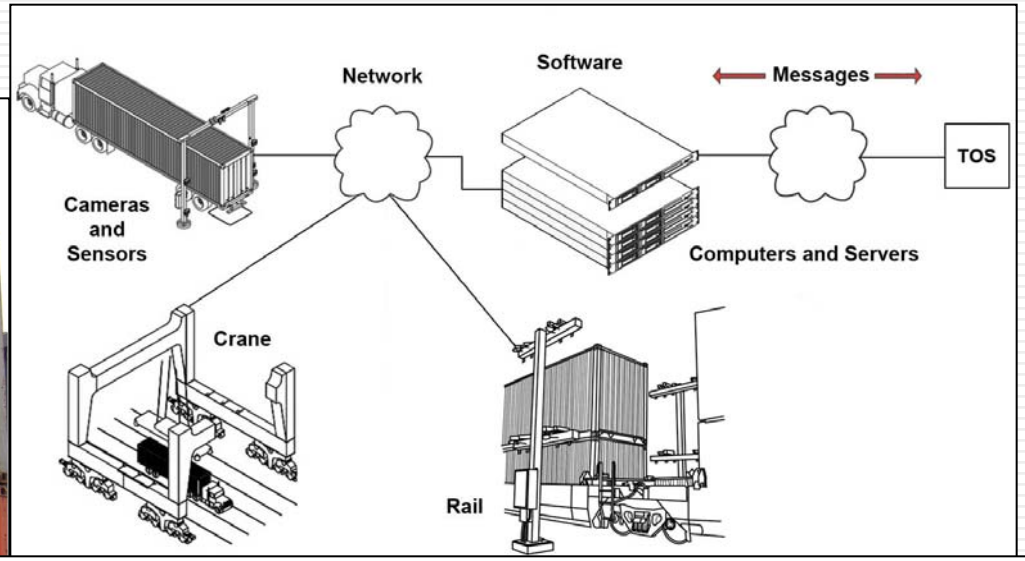
Operation	Pollutant (grams/lift)			
	HC	CO	NO_x	PM
WSC	1.8	8.3	23.9	2.1
Reduction vs. conventional	**84%**	**83%**	**84%**	**82%**

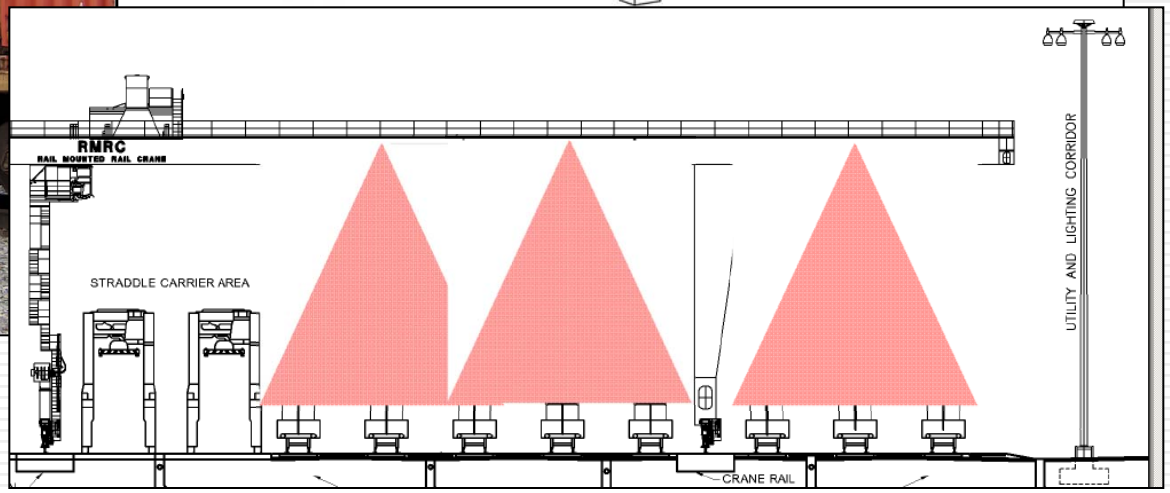
HC=Hydrocarbons , CO=Carbon Monoxide, No_x=Oxides of Nitrogen, PM=Particulate Matter, 454g/lb., 2000 lbs/ton

- **Environment**
  - Reduce carbon emissions
  - Almost silent operations
- **Network**
  - Increase terminal throughput
  - Connect more markets
- **Operations**
  - Improves facility safety
  - Reduced maintenance
  - Reduce fuel expense
  - Semi-automated
  - Potential full automation

Technology Review – Rail Portal

- Rail Portal System

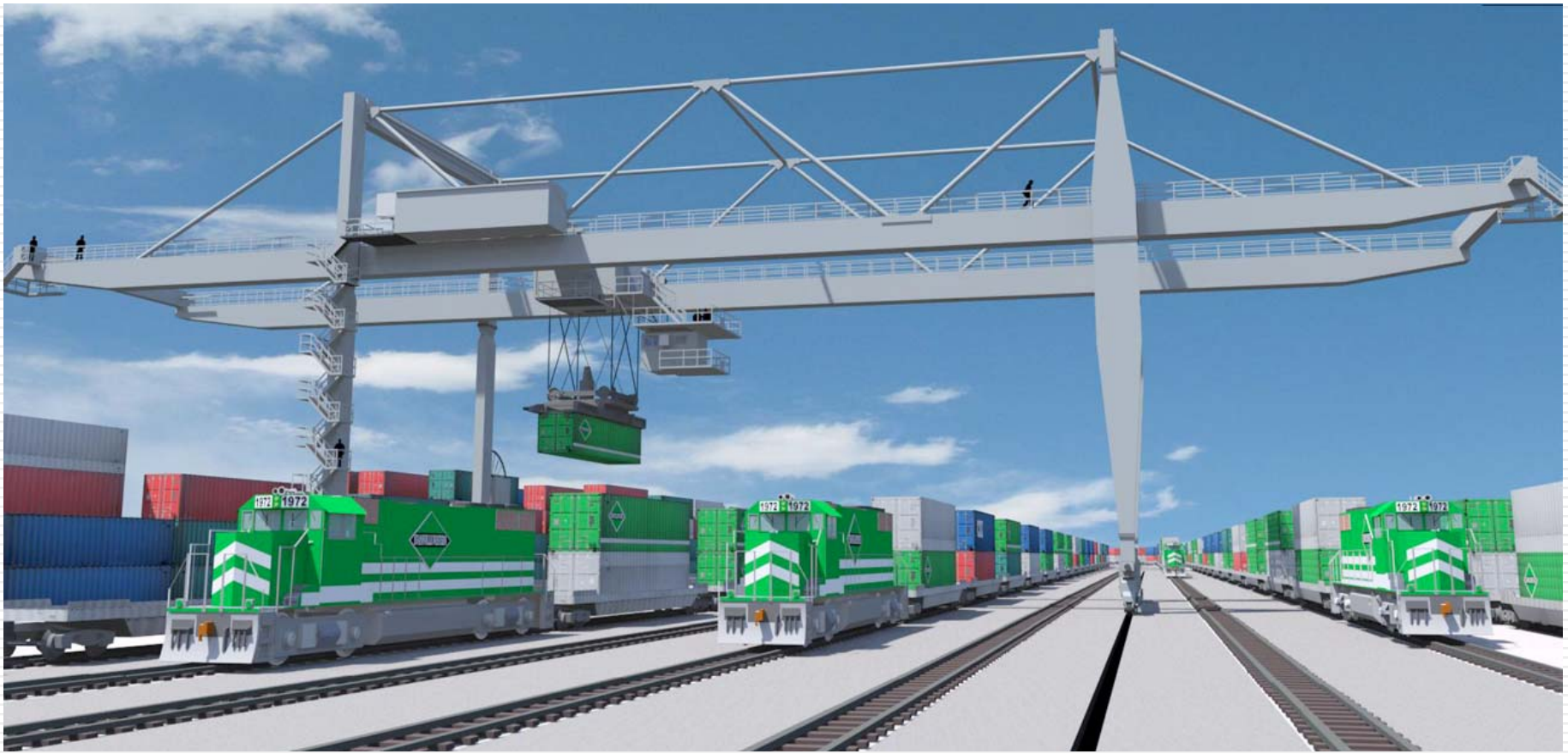




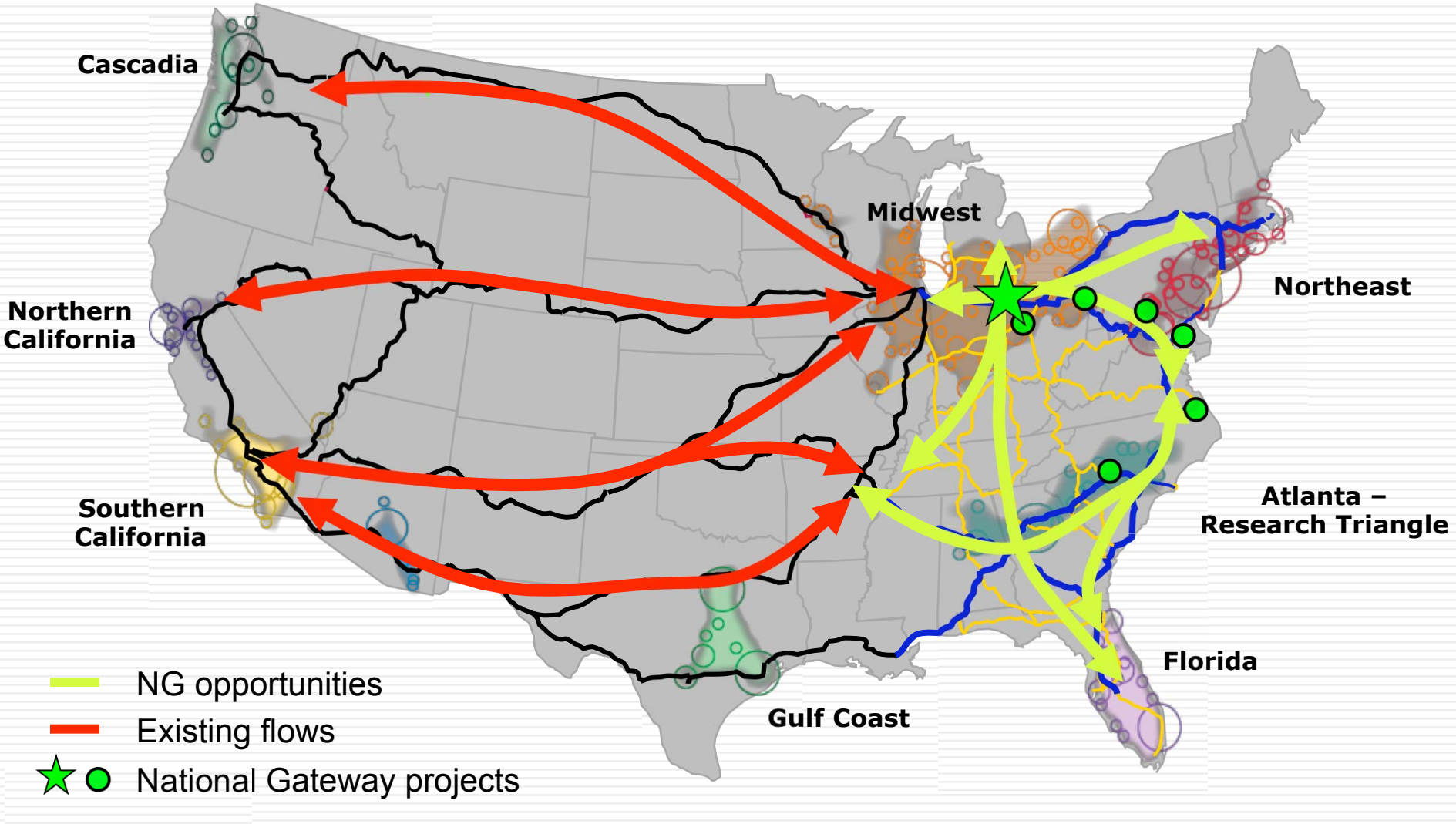
Construction Update

- **MANHOURS** – 172,000 total man-hours.
- **MAINLINE SIGNAL CUTOVER-** Complete.
- **CRANE RAIL** – Foundation complete.
- Crane Rail Installation to start March
- **TRACK ASSEMBLED** – 8 Miles in place.
- **TURN-OUTS** – 48 Placed.
- **ELECTRICAL SUBSTATION** – under construction.
- **EARTHWORK** – 98% Complete.
- **STORM SEWER** – 99% Complete.
- **SANITARY** – 85% Complete
- **ELECTRICAL DUCTBANK** – 80% Complete..
- **ADM BLDG** – 60% Complete; **MAINT BLDG** – 55%.
- **CREW BUILDING** – In re-design.
- **WATER DISTRIBUTION** – Complete.
- **PERIMETER FENCING** – 19,250 LF – 50% Complete.
- **ROLLER COMPACTED CONCRETE –** 50% Complete.
- **FUEL TANKS** – Foundations/Containment wall complete.
- **PROJECT COMPLETION** – 1-QTR-2011

The Future in Action



Opportunities will Expand



Growing List of Supporters
www.nationalgateway.org