The National Gateway
Preparing for Tomorrow
June 2010
National Gateway overview

Project overview:

- $842 million in investments
- 61 double stack clearance projects
- Construction or expansion of 6 intermodal terminals
- Public-Private Partnership
- Federal Funding- National Environmental Policy Act Compliant
Evolved Network Addresses New Flows

- Cascadia
- Northern California
- Southern California
- Midwest
- Florida
- Northeast
- Atlanta – Research Triangle
- Gulf Coast

Green arrows: Opportunities
Red arrows: Western flows
Yellow stars: ILC

How tomorrow moves [CSX]
National Gateway costs and funding

Federal = $258 Million
State = $191 Million
CSX = $393 Million

Total = $842 Million

$22 in public benefits for every $1 of public funds invested
TIGER Grants: Where Did the Money Go?

- $1.5 billion for transportation “projects of national and regional significance”
- 1,380 requests for $57 billion in funding (37:1 ratio)
- Less than 3% of requests received funding (46 grants, 15 TIFIA loans)

TIGER Grants

- Freight Rail
- Highways/Bridges
- Livability (commuter & passenger rail/bikes/streetcars/buses/multimodal facilities)
- Ports/Barges

$340M
$621M
$437M
$100M
TIGER Grants: Where Did the Money Go?

WEST $406 million
CENTRAL $392 million
NORTHEAST $398M
SOUTH $302
**Freight Rail recognized as key to US transportation future**

<table>
<thead>
<tr>
<th>Project</th>
<th>Cost</th>
<th>Description</th>
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<tbody>
<tr>
<td>Crescent Corridor</td>
<td>$105M</td>
<td>New intermodal terminals in Birmingham and Memphis</td>
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<tr>
<td>CREATE</td>
<td>$100M</td>
<td>New traffic control systems; new rail bridge; improvements to signals, switches in Chicago</td>
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<tr>
<td>CSX National Gateway</td>
<td>$98M</td>
<td>38 Clearance Projects</td>
</tr>
<tr>
<td>KCS Gulfport Rail</td>
<td>$20M</td>
<td>Upgrades 76 miles to handle 49 mph double-stack intermodal service to connect the Port of</td>
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<td></td>
<td></td>
<td>Gulfport to Chicago</td>
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<tr>
<td>RJ Corman</td>
<td>$17.5M</td>
<td>Improvements on 5 short lines in KY, TN and WV</td>
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*How tomorrow moves [CSX]*
National Gateway: What are the Public Benefits?

- Stimulates the economy
  - Over 30 years, expected to create more than 50,000 jobs, including more than 25,000 jobs in 14 economically distressed areas

- Improves U.S Competitiveness
  - Triples the market access potential for the Ports of Baltimore, Hampton Roads and Wilmington while improving western connections over Chicago.

- Provides a Sustainable Transportation Solution
  - Reduces emissions – estimated 20 million tons of CO₂ eliminated
  - Assists states in attainment of federal clean air standards

- Reduces Consumption of Oil
  - Contributes to U.S. energy security by saving 2 billion gallons of diesel fuel
Positive Actions

- Early involvement at every level
  Local, District, State, Federal
  DOTs, SHPOs, EPAs, DNRs

- Who’s the Federal lead? Every meeting started with the same question, couldn’t answer until March 2010!

- Never been done- Team viewed unknowns as incremental steps, not insurmountable obstacles

- Results oriented- Have a plan, define objectives/long lead times, set deadlines, plan deliverables, milestones, and agency review to fit deadline

- Maintain positive public outreach along the way
Lessons Learned

- Early agency cooperation vital
- Process oriented- know State/ Federal procedures. Are your consultants pre-approved?
- Communicate- Stakeholders held weekly calls
- Highway and rail projects not the same- Preexisting DOT procedures may or may not apply
- Coordinate with design teams- Small last minute design changes create major environmental hurdles
- Maintain schedule
National Gateway: Environmental Partnering Success

- July-August 2009 - Initial meetings with States
- December 2009 - First NEPA approvals 6 clearance sites, 2 track support structures
- February 2010 - Award of TIGER Grant $98 Million to coalition of States
  - Completed environmental work viewed favorably by TIGER team
- October 2010 - Expected NEPA Approval for TIGER Award projects 30 clearance sites, 4 track support structures
National Gateway Projects of Interest

- NW Ohio Integrated Logistics Center
  - Largest single project currently underway in Ohio ($175M)
  - Will reduce transit time for freight rail through Chicago by 24-48 Hours
  - Opens Mid-west markets to rail service
  - 2,000 acres south of the ramp are zoned for job-generating warehouse and distribution development

- Virginia Avenue Tunnel in Washington, DC
  - Focus is on securing funding for the Virginia Avenue tunnel
  - Largest National Gateway clearance project ($160M)
  - Mid-Atlantic Rail Operations Planning Study lists as major rail bottleneck that prevents the efficient movement of freight and passenger rail on this corridor
  - Plan to return tunnel to double track and enlarge to allow for double-stack
Innovation Levers Investment

Northwest Ohio – Widespan Crane Operation

- 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.
Virginia Avenue Tunnel (CFP 113.34)

South Portal

North Portal
Virginia Avenue Tunnel (MP: CFP 113.34)
Washington, DC

- Tunnel Under Virginia Avenue
- 4000 foot long masonry tunnel
- Originally Constructed between 1872 and 1904
- Located near Capitol & USDOT
- Sophisticated Communities
Growing List of Supporters – www.nationalgateway.org