Why CREATE?

Why is it a Project of National Significance?

Earl Wacker - CSXT, Director CTCO

November 6, 2006
### US Railroad Industry Fast Facts

<table>
<thead>
<tr>
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<th>1980</th>
<th>2004</th>
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<tbody>
<tr>
<td><strong>Carnolds Originated</strong></td>
<td>22.2 million</td>
<td>30.1 million</td>
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<tr>
<td><strong>Trailers/Containers</strong></td>
<td>3.05 million</td>
<td>10.99 million</td>
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<tr>
<td><strong>Avg. Length of Haul</strong></td>
<td>615.8 miles</td>
<td>901.5 miles</td>
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<tr>
<td><strong>Avg. Tons/Train</strong></td>
<td>2,222</td>
<td>3,126</td>
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<tr>
<td><strong>Ton Miles/Gallon Fuel</strong></td>
<td>235</td>
<td>410</td>
</tr>
<tr>
<td><strong>Cap Ex</strong></td>
<td>$3.23 billion</td>
<td>$6.24 billion</td>
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<tr>
<td><strong>Revenues</strong></td>
<td>$28.2 billion</td>
<td>$40.5 billion</td>
</tr>
<tr>
<td><strong>Cap Ex/Revenues</strong></td>
<td>11.4%</td>
<td>15.4%</td>
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The storm of January 1-2, 1999 tied up the Chicago Terminal for 90 days.
“Unless we do something, Chicago is in danger of becoming a bottleneck in the nation’s rail transportation system. And that would have serious consequences not just for the city but for the nation as a whole. If we don’t make improvements, we can expect even worse congestion.”

— Mayor Richard M. Daley
Chicago Transportation Coordination Office

BNSF  
Burlington Northern Santa Fe Railway

CN  
CSX

CTCO

UNION PACIFIC

INDIANA HARBOR BELT

Metra®

NS  
NORFOLK SOUTHERN

THE CHICAGO BELT RAILWAY COMPANY
Chicago Transportation Coordination Office

Process Improvements

Coordination

CTCO

Terminal Integration

Planning

Communication

Discipline & Control
Chicago Simulation Project

A Computer Simulation of the Chicago Switching District:

• 893 Miles of Mainline Track
• 119 Interlocking Plants
• 1,800+ Total Freight Trains
• 1,114 Passenger Trains
• 61 Freight Yards
• 4,698 Control Points
Chicago Rail Infrastructure

- 16,000 acres, twice the area of O’Hare
- 78 yards, including 21 intermodal (rail-truck)
- 2,800 route-miles of track
- 12 commuter rail routes
- 1,100 viaducts and bridges

Daily Activity:

- 1,200 trains (500 freight, 700 passenger)
- 37,500 rail cars processed
- 20,000 truck moves through intermodal gates
Chicago: The Nation’s Transportation Hub

- World’s 3rd busiest intermodal hub.
- One third of all freight rail traffic converges on Chicago daily.
- Chicago’s rail network is a key part of national, regional and local economy.
- Over the next 20 years, freight rail volume in Chicago will increase 80%.
- If rail capacity is not addressed, Chicago will lose $2 billion in production over the next two decades.
CREATE

- Focus operations on 4 key freight corridors and one passenger corridor
- Build 25 highway / rail grade crossing separations
- Build 6 rail / rail “flyovers”
- Extensive track and switch replacement
- Improve train control systems