

Why CREATE?

Why is it a Project of National Significance?

Earl Wacker – CSXT, Director CTCO

November 6, 2006



US Railroad Industry Fast Facts

1980

2004

| | | |
|-------------------------|----------------|----------------|
| • Carloads Originated | 22.2 million | 30.1 million |
| • Trailers/Containers | 3.05 million | 10.99 million |
| • Avg. Length of Haul | 615.8 miles | 901.5 miles |
| • Avg. Tons/Train | 2,222 | 3,126 |
| • Ton Miles/Gallon Fuel | 235 | 410 |
| • Cap Ex | \$3.23 billion | \$6.24 billion |
| • Revenues | \$28.2 billion | \$40.5 billion |
| • Cap Ex/Revenues | 11.4% | 15.4% |

Rail Flows to Illinois



CANADA

MEXICO

Illinois
Total Rail Flows
(1999)

| Network Flows (Tons) | |
|----------------------|-------------------------|
| | Under 5,000,000 |
| | 5,000,000 to 20,000,000 |
| | More than 20,000,000 |



U.S. Department of Transportation
Federal Railroad Administration
Office of Policy

- AMTRAK
- BNSF RAILWAY
- CANADIAN NATIONAL
- CANADIAN PACIFIC
- CSX TRANSPORTATION
- NORFOLK SOUTHERN
- UNION PACIFIC

TRAINS

MAGAZINE

0 50 100 150 200 miles
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**The storm of January 1-2,
1999 tied up the Chicago
Terminal for 90 days**



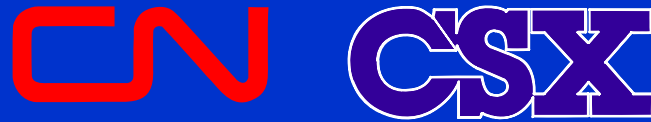


“Unless we do something, Chicago is in danger of becoming a bottleneck in the nation’s rail transportation system. And that would have serious consequences not just for the city but for the nation as a whole. If we don’t make improvements, we can expect even worse congestion.”

— Mayor Richard M. Daley



Chicago Transportation Coordination Office





Chicago Transportation Coordination Office

Process Improvements

Terminal Integration

Coordination

CTCO

Planning

Communication

Discipline & Control



Chicago Transportation Coordination Office

Accomplishments

Communication Efforts

Maintenance of Way Weekly Plan

Chicago Terminal Alert Plan

Task Improvements

Integrated Train Lineup System

Measurement and Control Indicators

Modeling

CTCO



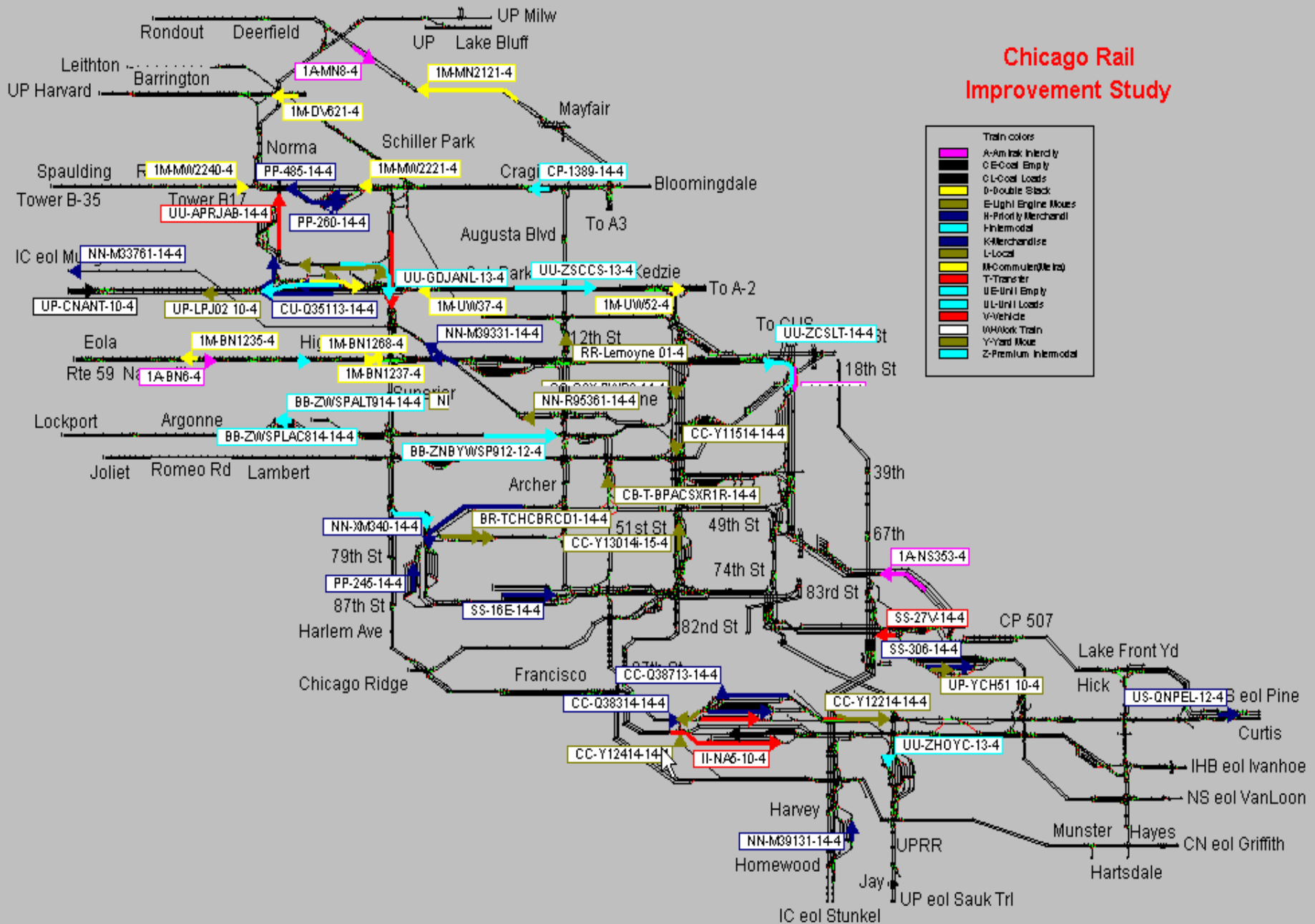
Chicago Simulation Project

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 Improvement Study



ILLINOIS DEPARTMENT OF TRANSPORTATION
CHICAGO DEPARTMENT OF TRANSPORTATION
NORTH AMERICA'S FREIGHT RAILROADS

CREATE

Chicago Region Environmental and Transportation Efficiency Program



KEEPING THE GO IN CHICAGO





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

CHICAGO'S RAIL CORRIDORS



Central Corridor

Western Ave Corridor

Passenger Express Corridor

East-West Connector

Beltway Corridor

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