

CREATE



Showcasing New Public-Private Initiatives



Presentation Outline

- **The State of Chicago**
- **CREATE Program Objectives**
- **CREATE Program Components**
- **Funding**
- **Innovation Implemented**
- **Lessons Learned**



CHICAGO Transportation Systems

- **Busiest Intermodal Freight Rail Hub**
- **Second in Highway Travel Time Delays**
- **Passenger Rail Reliability and Growth Is Limited**
 - **Freight Rail Operations**
 - **Infrastructure**
- **All Systems Impacted by Freight Operations**
- **Social and Environmental Impacts**

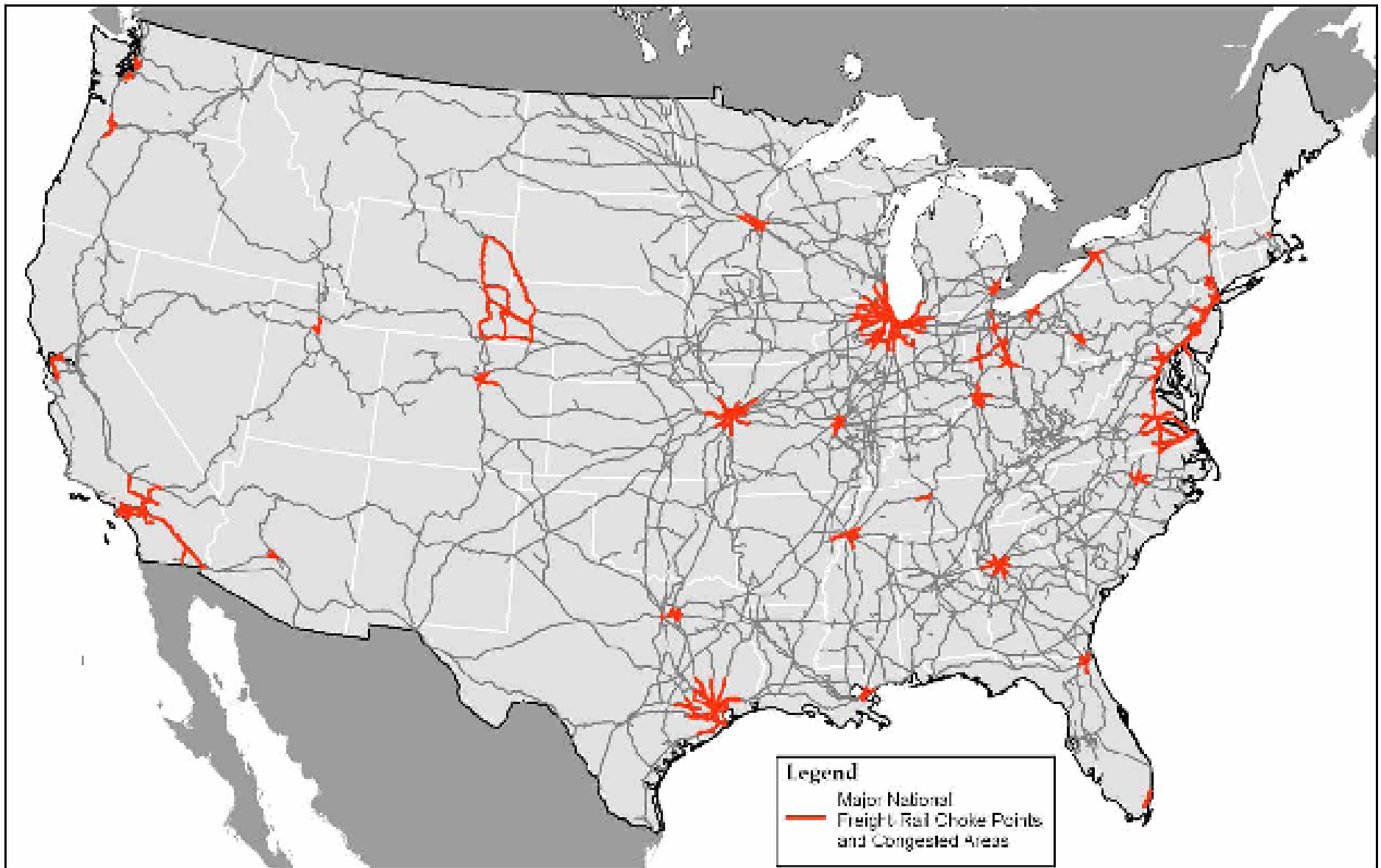
CHICAGO Freight Rail System

- **West Coast to Chicago – 3 Days**
- **Through Chicago – 2 days**
- **At-Grade Crossings Blocked for One Hour+**
- **Rail Volume Increase By 80% In Next 20 Years**
- **Lack of Capacity Now - Intolerable in the Future**

Freight-Rail Bottom Line Report

- **Freight System**
 - **Not Keeping Pace with Demand**
 - **Early Stages of a Capacity Crisis**
- **Railroads Can Not Quickly Add Capacity, Nor is it a Sound Financial Strategy**
- **Mismatch Between Supply and Demand has Created Deteriorating Service Levels and Choke Points...**

U.S. Rail Network Major Choke Points



Rail Flows to Illinois



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

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

Freight-Rail Bottom Line Report

Consequences of Freight Rail Not Maintaining Current Market Share:

- **Increased Congestion on Highways**
- **Higher Cost of Doing Business**
- **Higher Cost of Living**



Freight-Rail Bottom Line Report

...expansion of the freight-rail system supported by public sector investment is needed...

Without coordinated public and private action, congestion and capacity constraints will weaken the freight industry, the economy, local communities, and the environment.



Solutions

- **Independent Approach**
 - **Freight Rail Carriers Address Freight Systems**
 - **Passenger Rail Carriers Address Passenger Systems**
 - **Highway Departments Address Roadway Network**
- **System-wide Approach**
 - **Public-Private Partnership Untangle the Network**

CREATE PPP - An Historic Partnership

- Illinois Department of Transportation
- Chicago Department of Transportation
- Association of American Railroads
 - BNSF Railway
 - Canadian Pacific Railway
 - CN
 - CSX Transportation
 - Norfolk Southern Corporation
 - Union Pacific Railroad
 - Metra
 - Amtrack

Objectives

- **Improve the Efficiency and Reliability of Local and National Passenger and Freight Rail Service in and through the Chicago Region**
- **Reduce Motorist, Passenger Rail and Freight Rail Delays to Travel In and Through the Chicago Region**
- **Reduce Highway and Rail Traffic Congestion in the Chicago Region**



Objectives

- **Improve Rail-Highway Grade Crossing Safety in the Chicago Region**
- **Provide National, Regional and Local Economic Benefits**
- **Provide Environmental Benefits for the Chicago Region**
- **Provide National, Regional and Local Energy Benefits**



CREATE Program

- **5 Rail Corridors Totaling 122 Miles**
- **6 Passenger-Freight Rail Flyovers**
- **25 Road-Rail Grade Separations**
- **Extensive Track, Signal and Switch Replacement**
- **Improve Train Control Systems**





Program Funding

- **Total Program \$1.5 Billion+**
- **Phase I \$330 Million**
 - **Federal \$100 Million**
 - **Railroads \$100 Million**
 - **Illinois \$100 Million**
 - **Chicago \$ 30 Million**



Innovations

- **CTCO – Competitors Working Together**
- **Operational Strategies**
- **New Freight and Passenger Rail System Model Used with Highway Models**
- **New Public Sector Policies and Procedures**



Lessons Learned

- **Agreed Upon Goals and Objectives**
- **Clear Roles and Responsibilities**
- **Public Sector Flexibility**
- **Trusted Partners**
- **Firm Commitments**
- **Necessary Staff and Resources**



CREATE – Great Expectations



Contact Information

Paul Schneider

Federal Highway Administration

Engineering Project Manager

paul.schneider@fhwa.dot.gov

www.createprogram.org

