

Public – Private Partnerships in the US

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FAST
Corridor



Public – Private Partnerships

Some Protocols

- Freight Railroad Contributions Commensurate with Benefits Accruing to the Industry, Based on Reductions in Running Time
- Public Contributions Likewise Should be Commensurate with Public Benefits, Including Continued Growth of the Regional Economy, Air Quality, Congestion Mitigation, Environmental, etc.

Why Wouldn't Investments Happen Without These Programs?

Facilities shared by multiple railroads have historically been investment starved

Public benefits are rationale for public agencies to share funding







Some Examples of Successful Public – Private Partnerships

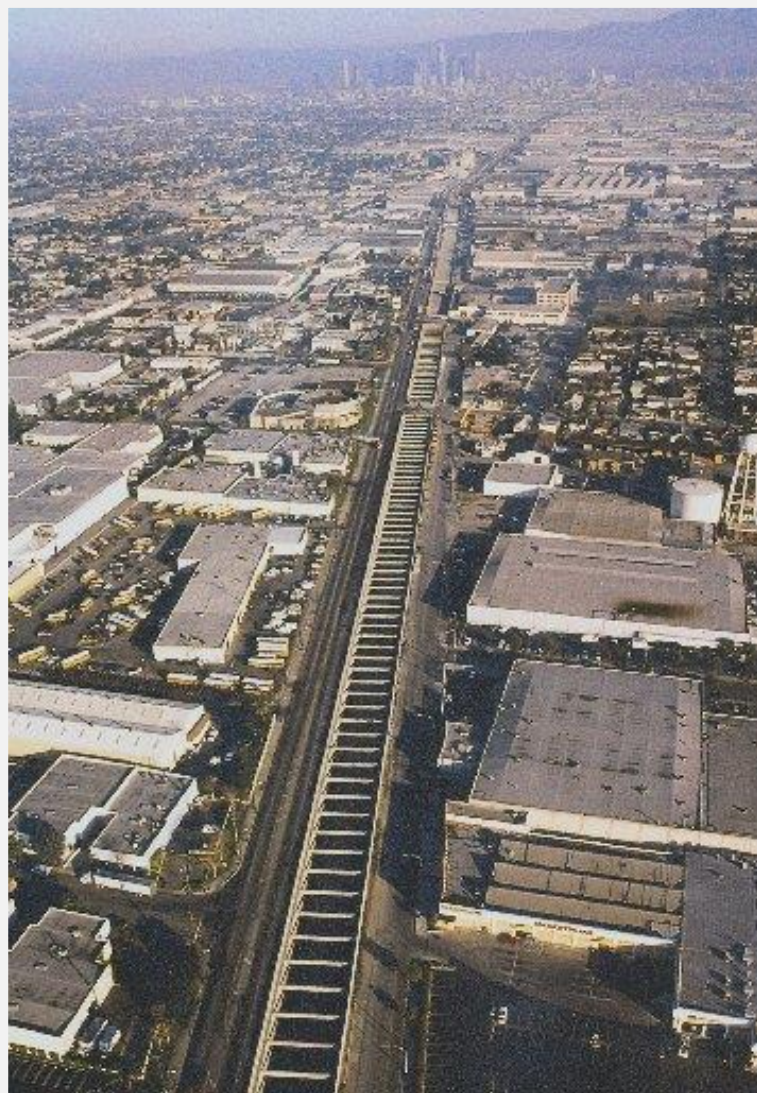


- Alameda Corridor - \$2B
- Chicago *CREATE* - \$4.4B
- FAST Corridor Project - \$400M
- Reno Transportation Rail Access Corridor - \$279M
- Kansas City – Argentine Connection - \$60M
- Shellpot Bridge Rehabilitation - \$14M



Alameda Corridor Transportation Authority

Port of Los Angeles / Long Beach to Downtown Los Angeles



Argentine Connection – Kansas City, Kansas





Illinois Department of Transportation



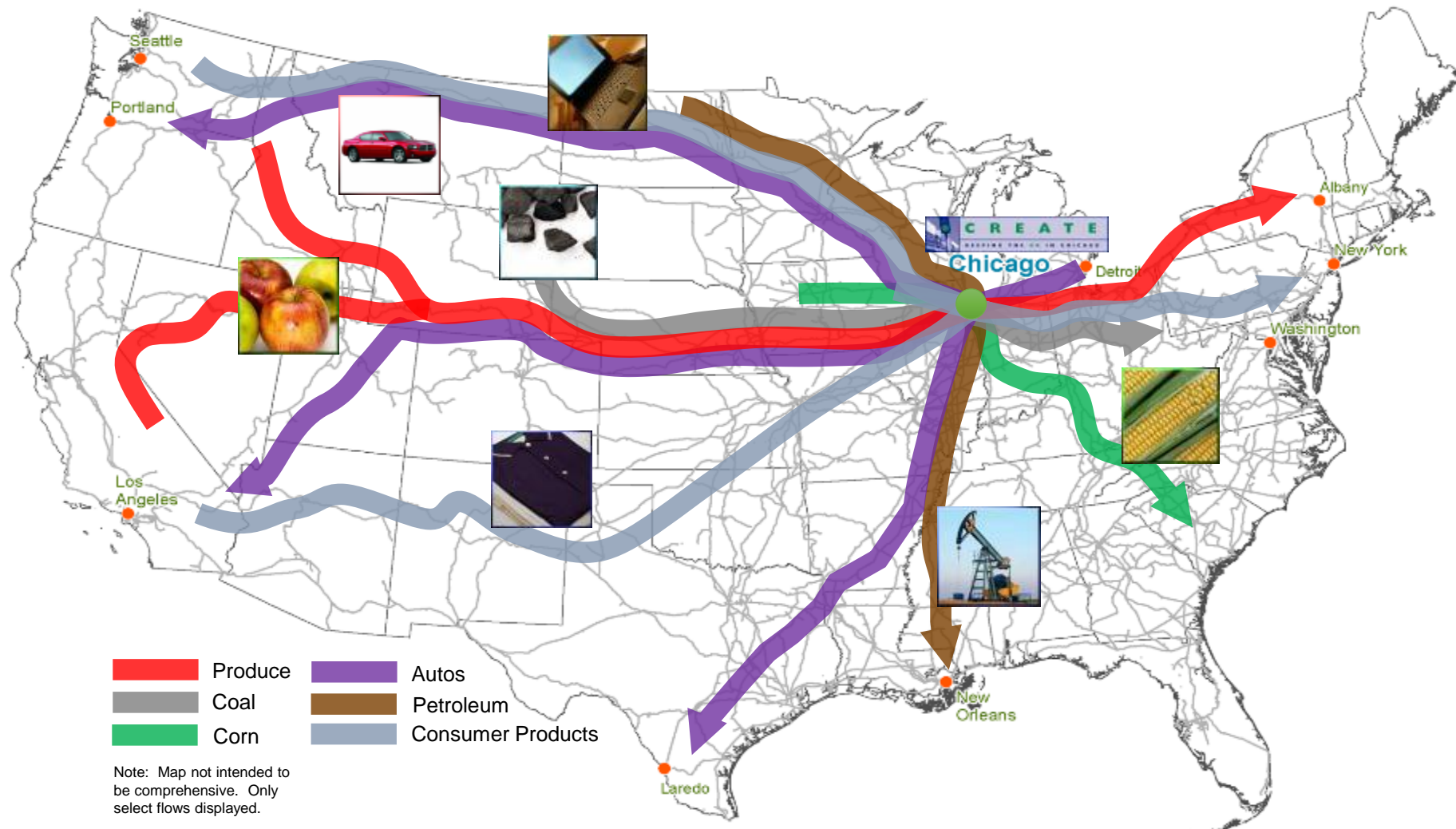
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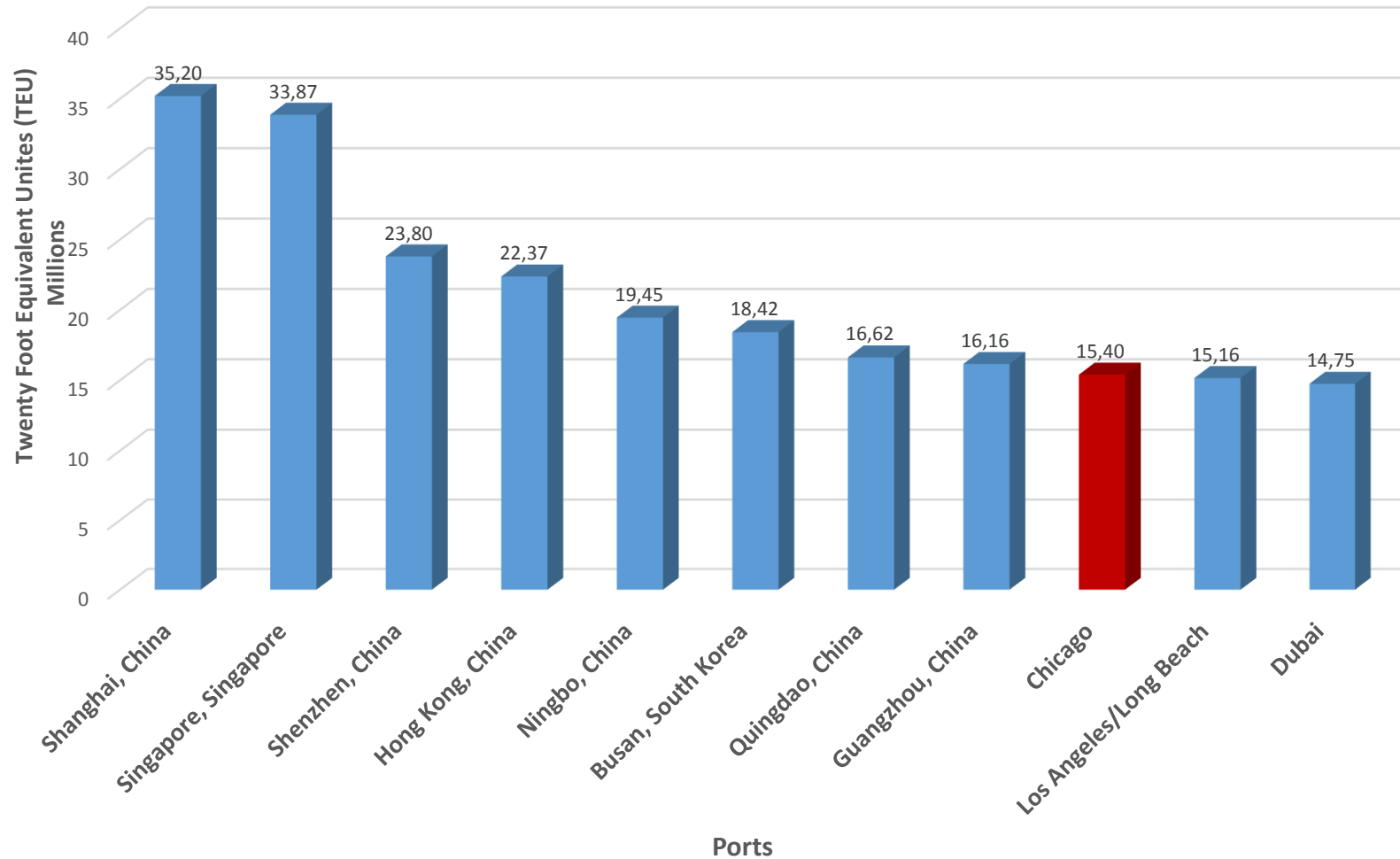
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CREATE: Keeping the Nation's Economy Moving



Top Global Container Ports, 2014



Source: Chicago – Chicago Metropolitan Agency for Planning Freight Snapshot; American Association of Port Authorities, 2014

The U.S. Rail Network Depends on Chicago

- 25 % of all U.S. rail traffic touches Chicago
- 44 % of all **intermodal** units in the U.S. touch Chicago
- 68 % of intermodal units to/from the ports of **Seattle/Tacoma** touch Chicago
- 45 % of intermodal units to/from **Los Angeles/Long Beach** touch Chicago



Source: AAR analysis of Railinc data and 2014 STB carload waybill data

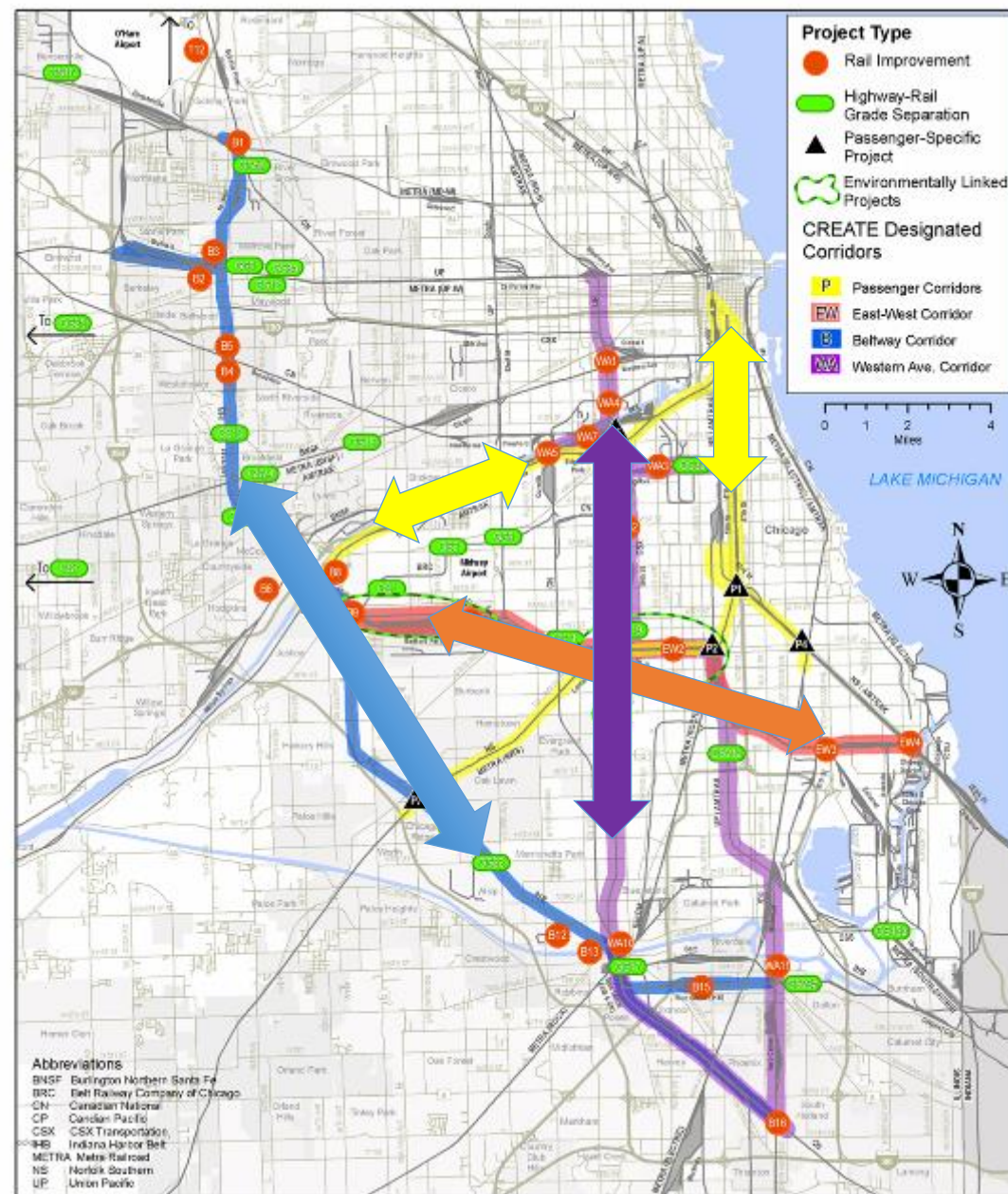
What is CREATE?

A \$4.4 billion Public-Private Partnership (PPP) Designed to Improve Transportation Flow through Chicago focusing on:

- Separation of Passenger & Freight Trains at 7 Key Junctions
- Elimination of 25 Level Crossings
- Increased Capacity, Speed, Reliability for Freight Train Traffic at 35 Locations
- Plus Other Grade Crossing and Safety improvements

Four Corridors

- Passenger Corridors
- East-West Corridor
- Beltway Corridor
- Western Ave. Corridor



70 CREATE Projects



70 CREATE Projects

- **25 road/rail grade separations**
- **6 passenger/freight rail grade separations**
- **Railroad projects to improve rail infrastructure and upgrade technologies**
- **Viaduct improvement program**
- **Grade crossing safety enhancements**
- **Rail operations and visibility improvements**



CREATE Public Benefits

- Passenger Rail Delay Reduction
 - 10 projects benefit Amtrak
 - 18 projects benefit Metra Commuter Rail
- Auto Delay Reduction
- Safety Improvements
- Air Quality Benefits
- Community Quality of Life



70 CREATE Projects ➡ 30-Year Benefits of **\$31.5 Billion**

Rail Benefits

Economic Growth

Chicago can accommodate growth in passenger and freight trains

Fewer Delays

Reduced delay to passenger and freight trains

Cost Savings

Reduced shipping costs may be passed on to consumers

Increased Safety

Elimination of rail – roadway conflicts at 25 grade crossing sites

Roadway Benefits

Fewer Delays

Reduced delay to vehicles from eliminating 25 grade crossings

Sustainability

Reduced fuel consumption and emissions

Reduced Congestion

Fewer trucks on the roadways

CREATE Economic Benefits

- **Passenger train delay** reduced by over 1.3 million passenger hours annually
- **92,000 hours of truck delay** and 230,000 hours of motorist and bus passenger delay will be saved
- **200 vehicle crashes** with trains will be avoided
- **2,800 metric tons/year avoided emissions** from idling vehicles
- **Enable extra 50,000 freight trains** to travel through the greater Chicago rail network annually
- 122 million tons of freight per year would travel by rail, **avoiding 18,500 truck trips** per day on highways

Source: CREATE economic benefits study
conducted by Cambridge Systematics, 2015

Project Status

• Completed Projects	28
• Under Construction	6
• Final Design	4
• Environmental Review	13
• Remaining Projects	19
• TOTAL	70

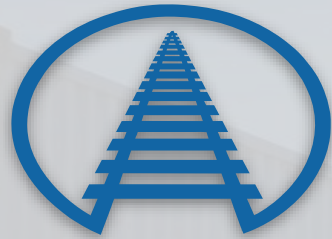




Website: www.createprogram.org

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