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PORT OF NEW YORK & NEW JERSEY RAIL FACILITY EXPANSION PROGRAM

Transportation Research Forum

2006 Annual Forum

New York City



THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY

Port of NY & NJ Marine Terminals



THE PORT AT A GLANCE

Ranking (containers)

- **Largest port on the U.S. East Coast
(58.4% North Atlantic market share)**
- **3rd largest port in the U.S.**
- **15th largest port in the World**

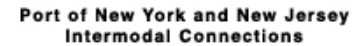
2005 Trade Statistics

• General Cargo	28.1 million metric tons	+ 10.4%
• Containers	2.8 million (4.8 Mil. TEUs)	+ 6.9%
• Vehicles	722,411	- 0.9%



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Three Major Rail Carriers



Primary Rail Destinations

Port of NY & NJ

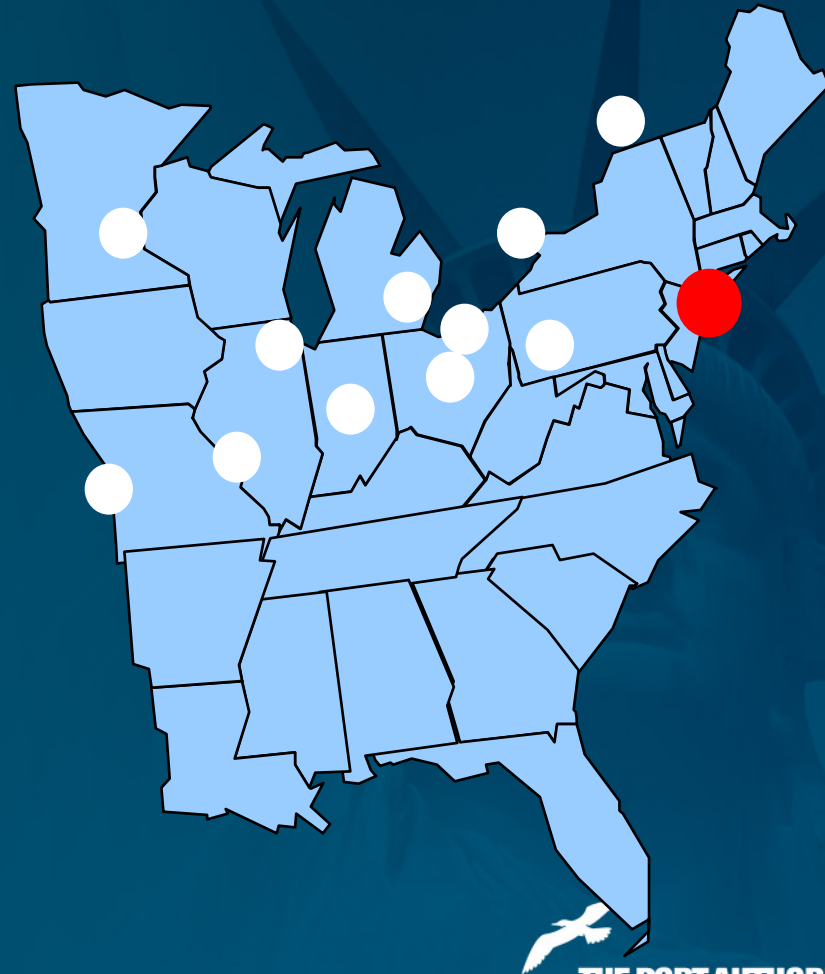
Competitive rail service
connects the port to
inland markets



Port of NY & NJ

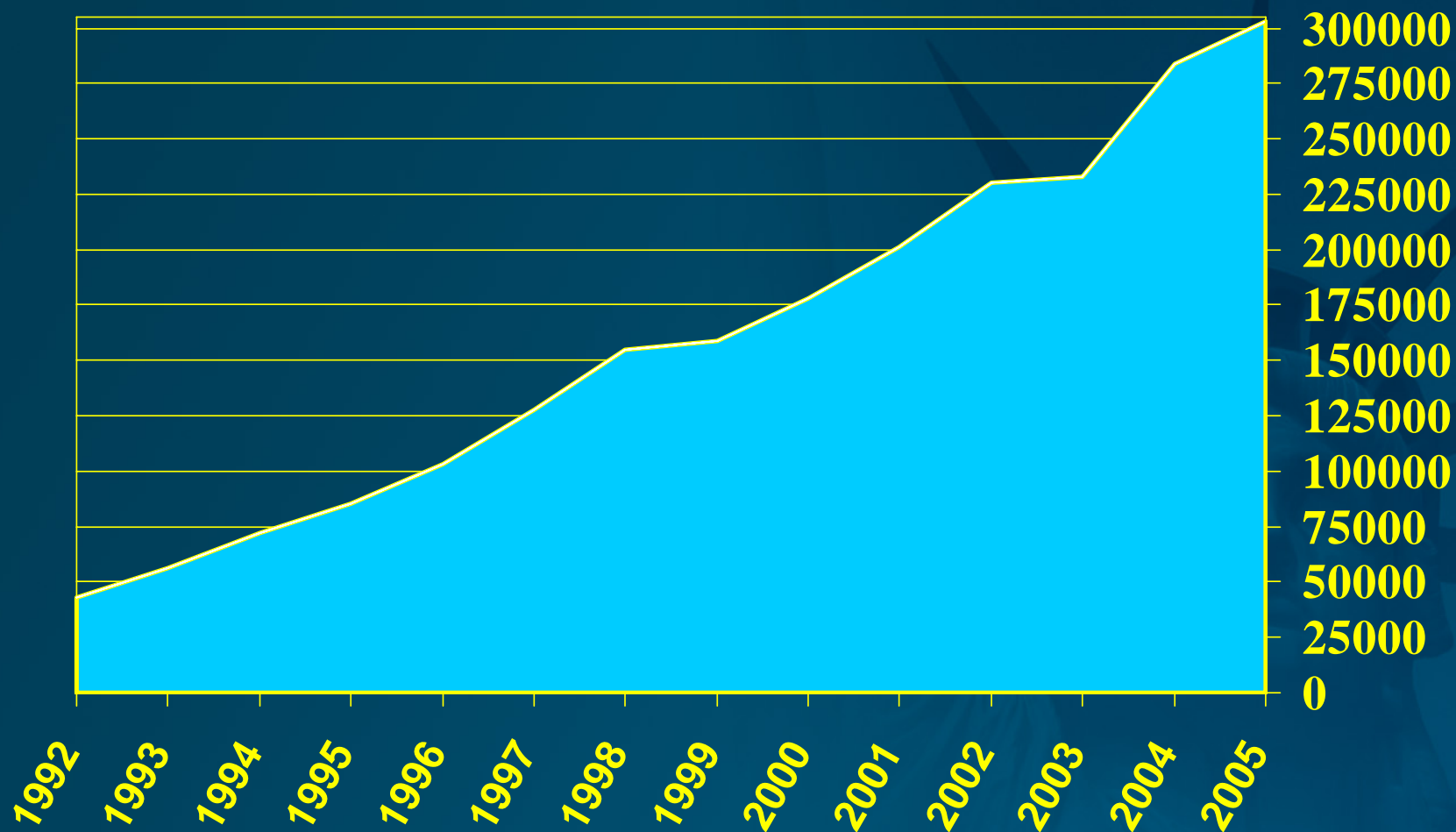


Major Rail Destinations



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Port of NY & NJ On-Dock Rail Volume is Growing



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OF NEW YORK & NEW JERSEY

Reasons for Projected Rail Growth

- **Global economy is expanding**
- **Increased demand for imports and exports**
- **Growth of direct water services from Far East**
- **Higher trucking costs (congestion, fuel, drivers) contribute to demand for rail**
- **Rail participates in port growth and is gaining share.**



ALL-WATER SERVICE IS GROWING

Far East and Southeast Asia to PONYNJ



Port of New York & New Jersey

Intermodal Rail Program

1. Dedicated Intermodal Terminals

- **ExpressRail (APM & Maher - Elizabeth)**
- **PNCT Rail Terminal (Port Newark)**
- **Port Ivory (the New York Container Terminal)**

2. Intermodal Support Yards

- **Corbin Street Yard (Newark/Elizabeth)**
- **Arlington Yard (Staten Island)**

3. Regional Rail Capacity Enhancements



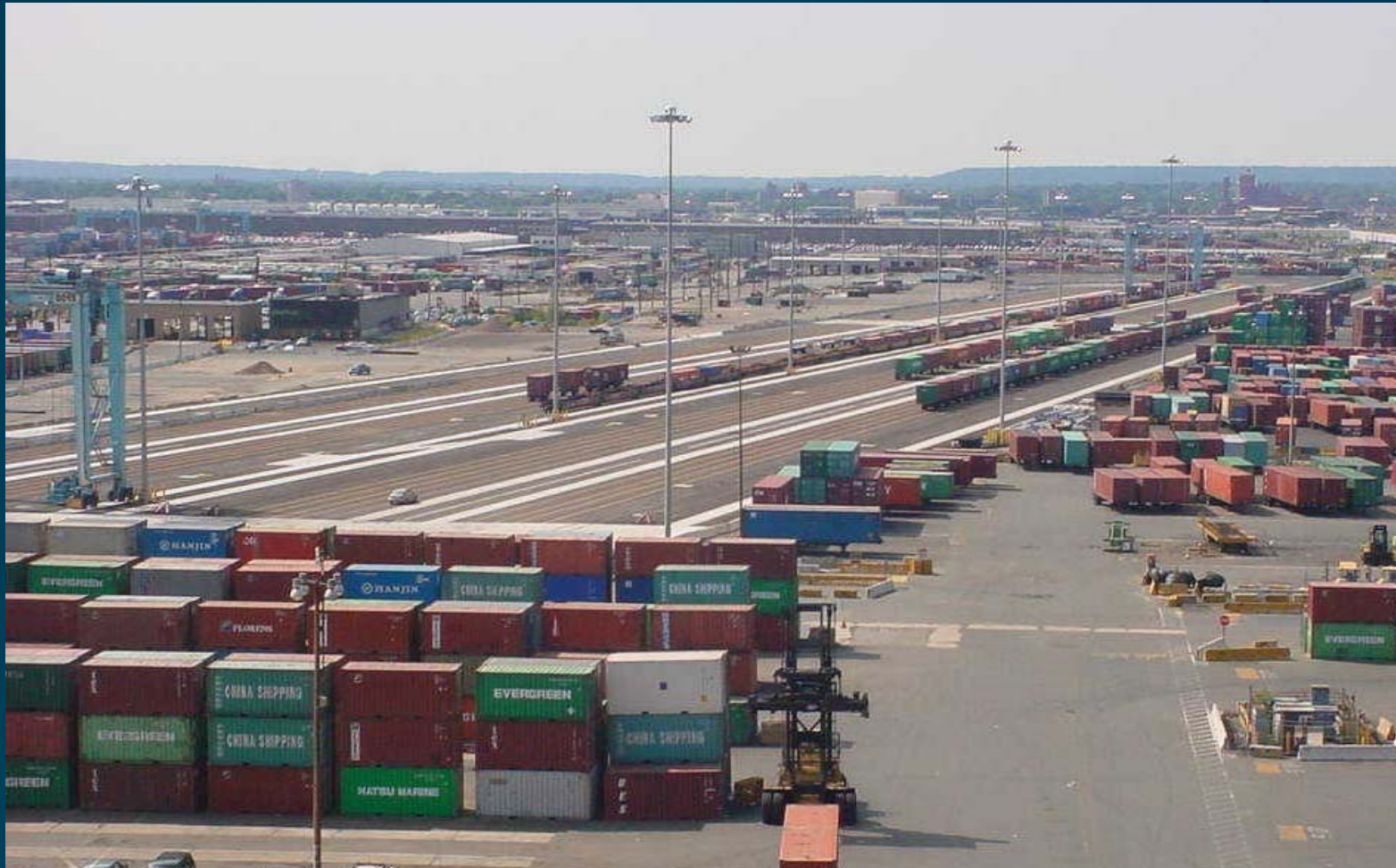
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Port of New York & New Jersey ExpressRail Intermodal System



ExpressRail Elizabeth

New Terminal Opened October, 2004



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ExpressRail Elizabeth

Old Corbin Street Grade Crossing



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ExpressRail Elizabeth

New McLester Street Grade Crossing Separation



New Jersey Marine Terminals Intermodal Rail Projects

2006

ExpressRail Port
Newark Expansion

Corbin St. Yard
First Phase

Portside Support
Yard In Service

ExpressRail Flyover
Track 2 in Design

ExpressRail Flyover
Track 1 in Service

ExpressRail Elizabeth
Expansion to 10 Tracks



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New Jersey Marine Terminals Intermodal Rail Program



New York Container Terminal Intermodal Rail Project



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Staten Island Railroad

Arthur Kill Lift Bridge



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Staten Island Railroad

First Span of New Connector - Cobalt Blue



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Staten Island Railroad

Arlington Yard Construction



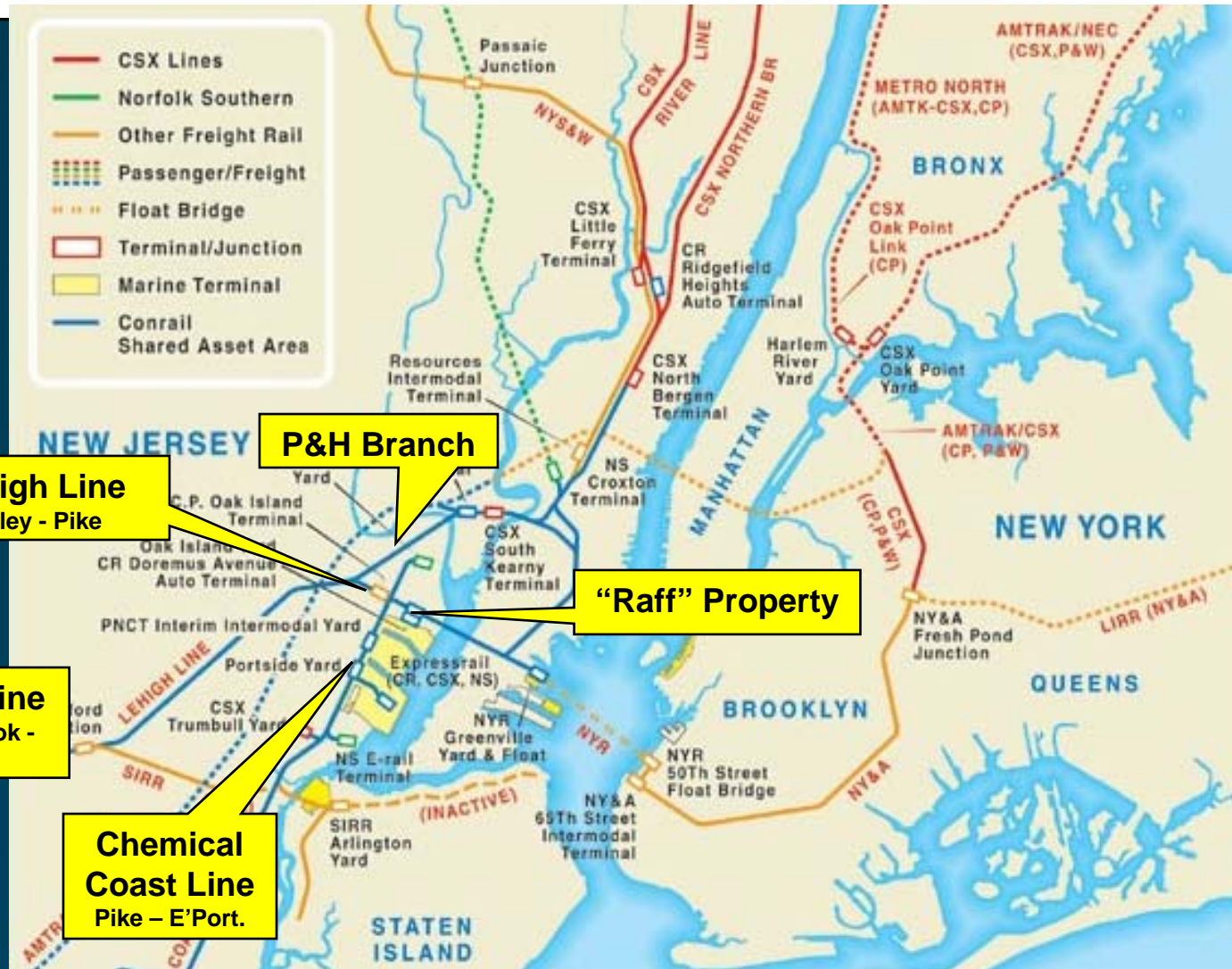
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Port of New York & New Jersey Intermodal Rail Linkages



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North Jersey Regional Rail Freight Program (Phase I: Port Authority – NJDOT – Railroads)



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What's Next for Rail?

Port Inland Distribution Network (PIDN)



Short-Haul Rail

Candidate Freight Distribution Clusters



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Port Inland Distribution Network (PIDN)

New Short-Haul Rail Services

Imagine the Possibilities



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Thank You



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