

# New Jersey and the Evolving Supply Chain

Northeast Association of State  
Transportation Officials Conference  
July 2017

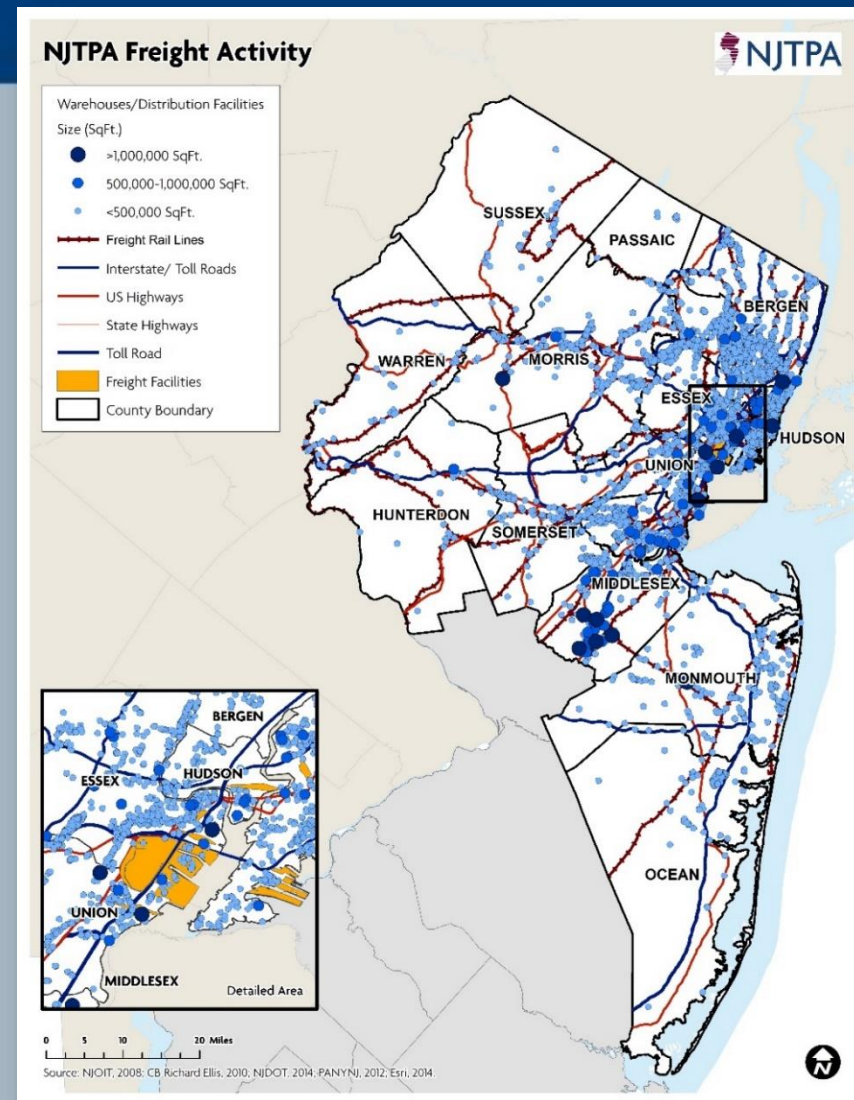


Anne Strauss-Wieder,  
Director, Freight Planning  
North Jersey Transportation Planning Authority



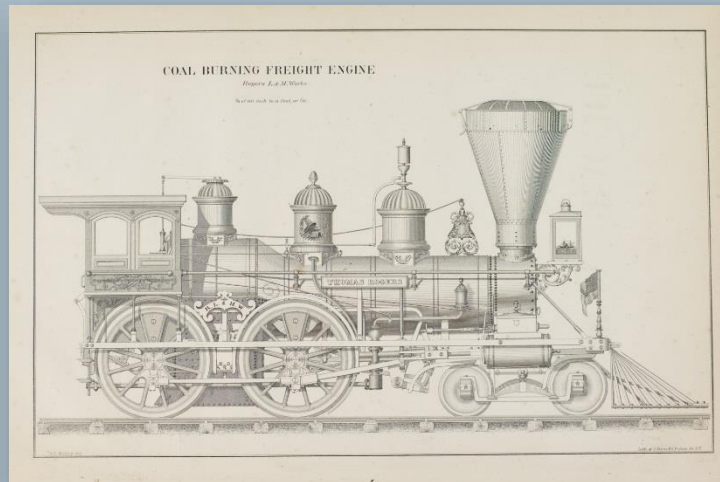
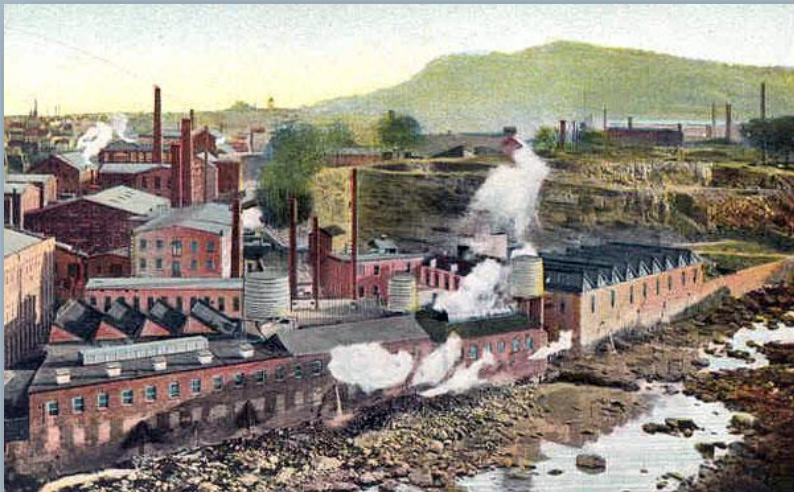
# New Jersey is a Key Distribution Node

- 810 million square feet of industrial space in NJTPA area, with 10 million under construction.
- Largest Port on the East Coast – 6.3 million TEUs in 2016.
- Robust Rail Freight Network – 2 Class Is, Conrail, shortlines.
- Extensive Roadway Network
- Newark Liberty International Airport – 10<sup>th</sup> largest in the US



# A Heritage of Production and Distribution

- Malcolm McLean and the Ideal X
- New Jersey Railroad Company and the Camden and Amboy Railroads



Sources: JOC and Rutgers University



# Plan 2045 Discussion: What Keeps Supply Chain Professionals Up at Night?

- Managing the challenges of a rapidly evolving retail environment
- Guaranteeing temperature controlled supply chains for pharmaceutical and food products.
- Identifying and undertaking the actions and investments needed to enable all aspects of the freight system to operate 24/7.



# The Changing Last Mile of Retail

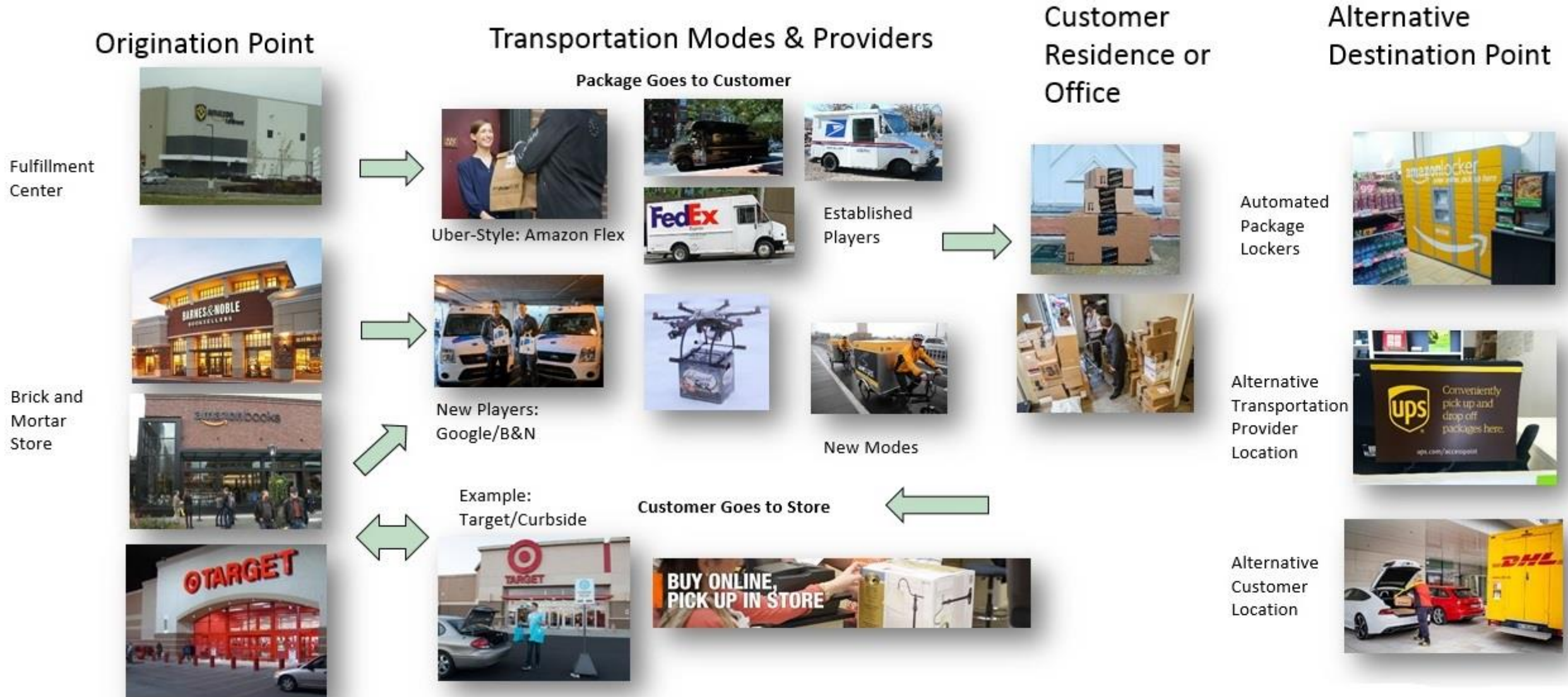
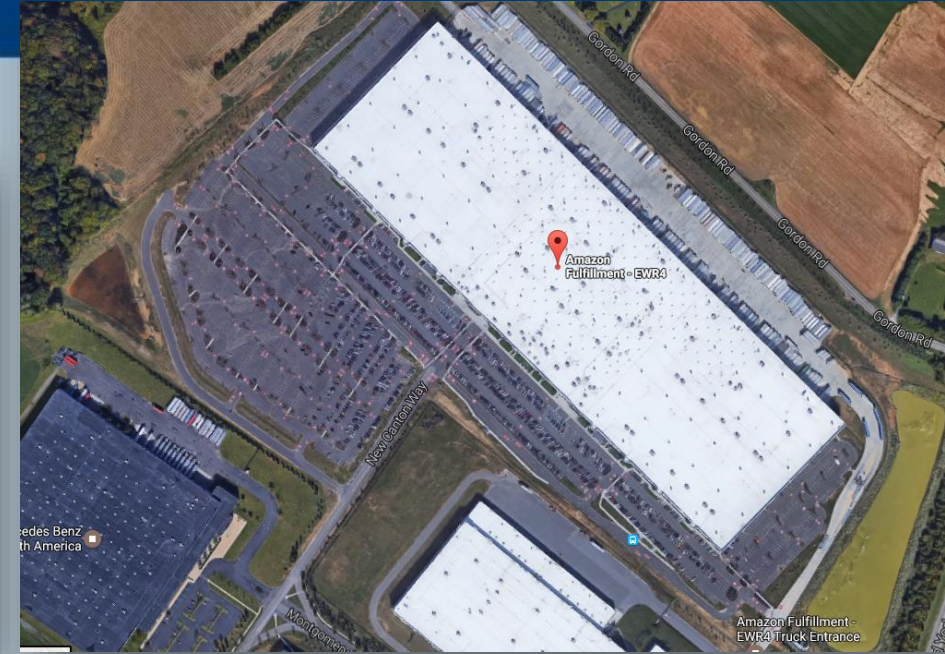
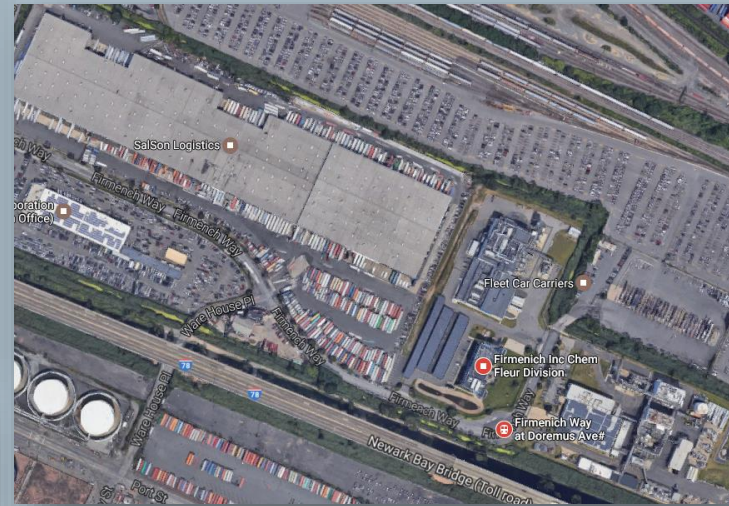


Photo sources: A. Strauss-Wieder, Inc. (Amazon), Reuters (Target), BarnesandNoble.com, Curbside, Yelp (UPS), DHL, Google, UPS, USPS, FedEx, Geekwire (Amazon packages), NY Times (Amazon packages), Home Depot, Amazon, YouTube (drone), BikePortland, NBC News



# Mega-Ships, Mega-Distribution, Mega-Production and Mega-Opportunities





# Emerging Equipment and Technology



Sources: Maersk, Volvo, Amazon, Daimler, Bocusini



# Freight as a Good Neighbor

- Community Considerations:
  - Economic development and job opportunities
  - Safety
  - Environment
  - Quality of life



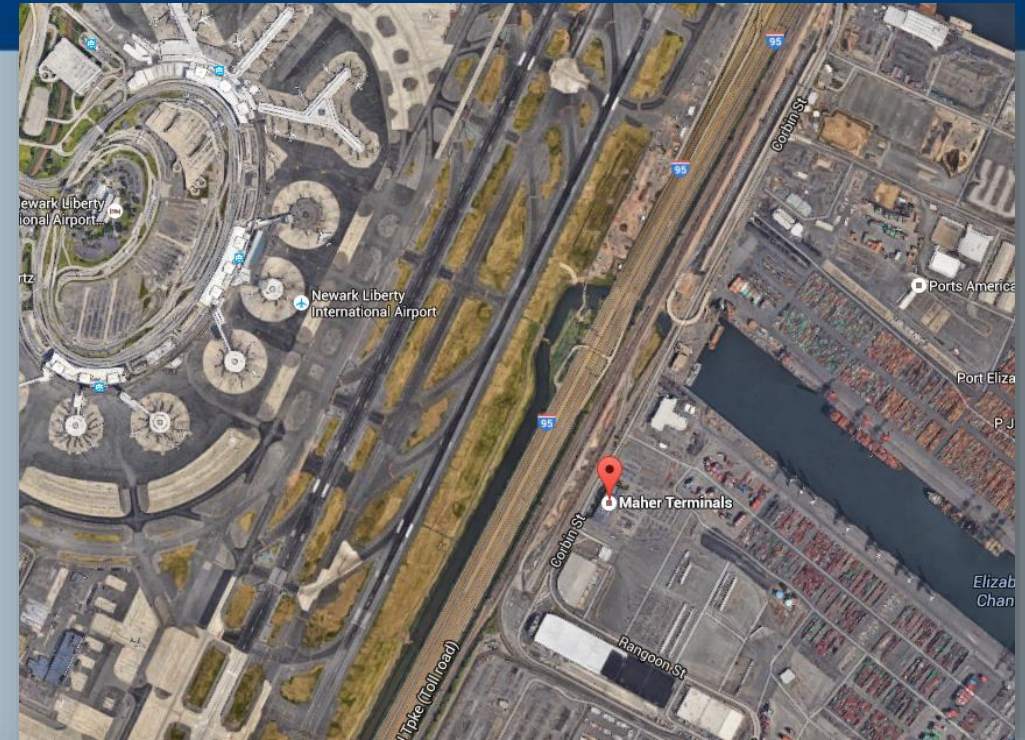
Source: WSJ





# 2045 Supply Chain Roundtable: Perceived Strengths of the Region

- Size of region's consumer market and demands it generates
- Extensive freight infrastructure
- Willingness to work together to address issues



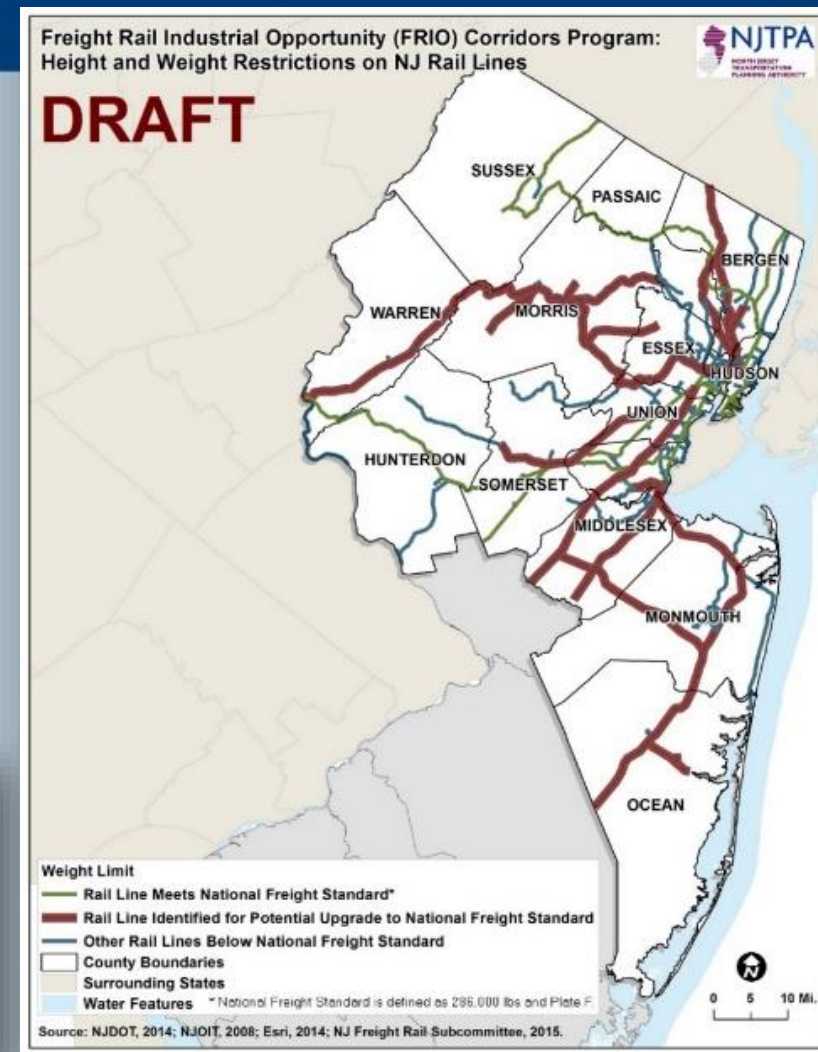
Council on Port Performance Creates  
Workforce Development Team





# Examples of NJTPA Freight Initiatives

- NJTPA's Freight Initiatives Committee
- Subregion Outreach and Field Visits
- Inventory & Assessment of Waterborne Resources
- Freight Rail Industrial Opportunity (FRIO) Corridors Program
- Pilot Freight Concept Development Program
- Member, Council on Port Performance





# Thank You



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# NJTPA

**NORTH JERSEY  
TRANSPORTATION  
PLANNING AUTHORITY**

**Anne Strauss-Wieder**  
Director, Freight Planning  
(973) 639-8404  
Strauss-Wieder@njtpa.org