The New York & Atlantic Railway Network
All of Queens, Brooklyn, and Long Island
New York & Atlantic Railway Information

- Formed in 1996
- Earned the right to operate LIRR’s freight license through a competitive bid process
- Tasked with increasing freight rail share
- 80+ customers
- Broad commodity mix
- Complex operating environment
Balance

Public Benefit

Solvency

Jobs

Community

Commuters

NYA
Far reaching network, diverse products

Carloads Originated 2018 – All US Railroads Combined

American Association of Railroads, 2019
Network connections

NYA **interconnects** to the National Rail Network through six railroads:

- Conrail
- CSX
- Canadian Pacific
- Norfolk Southern
- NYNJ Railroad
- Providence & Worcester

NYA provides a National Rail Network connection to one railroad:

- Brookhaven Rail Terminal
• Majority of NYA inbound and outbound traffic moves over this critical connection
• All traffic must traverse Metro North and Amtrak owned lines
• CSX traffic flows to and from Selkirk, NY
• P&W traffic flows from New Haven, CT
• Critical to preserve current capacity
Connects through Conrail to Norfolk Southern and CSX networks
Wholly owned by PANYNJ
Extensive investments made recently to improve reliability and increase capacity
Vital connection for competitive access and network redundancy
Modal Share

**National**
- Rail: 39.50%
- Truck: 28.60%
- Water: 12.00%
- Pipeline: 19.60%
- Air: 0.30%

**NYC Metropolitan Region**
- Truck: 91%
- Water: 1%
- Rail: 3%
- Air: 5%


Anticipating NYS / LIRR procurement of low emission units

Lower carbon footprint vs other transportation modes

One freight train is equivalent to hundreds fewer trucks on our roadways

Rail moves 1/3 of export and 1/3 of intercity volume, yet accounts for only ~2% of emissions*

One ton of freight : 470 miles : one gallon of fuel*

Moving 5% more freight from truck to rail would result in 9 million fewer tons of greenhouse gas emissions*

*American Association of Railroads, 2019

Every railroad job supported another 9 jobs across the U.S. economy in 2014.

(Source: Towson University's Regional Economic Studies Institute)
A Tale of Two Worlds

Source: USGS, 2010
Freight rail matters

New York City, NY
United States, North America
40th
Most Congested City in the World
4th in United States
133
Driving time spent in congestion in 2018
9
Inner city last mile speed (mph)
$1,859
Cost of congestion per driver

Freight Rail’s Private Spending
Supported about
1.5 million jobs
Generated nearly
$33 billion in taxes
Created an almost
$274 billion economic impact

Time of Day Travel Speeds

Peak Speed MPH
Off Peak MPH
Free Flow MPH

INRIX Global Traffic Scorecard, 2018