



# **Northeast Corridor**

## **T.O. 2**

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**&**

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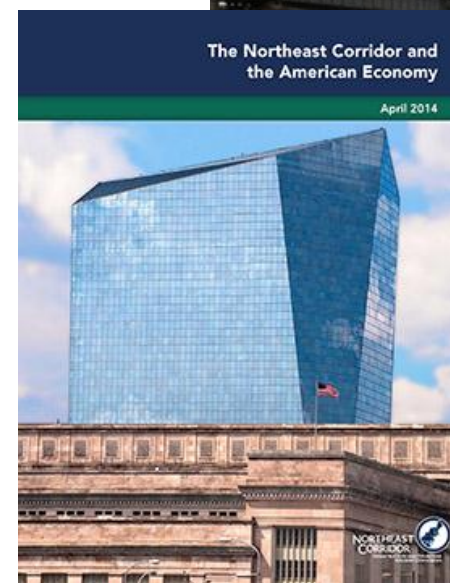
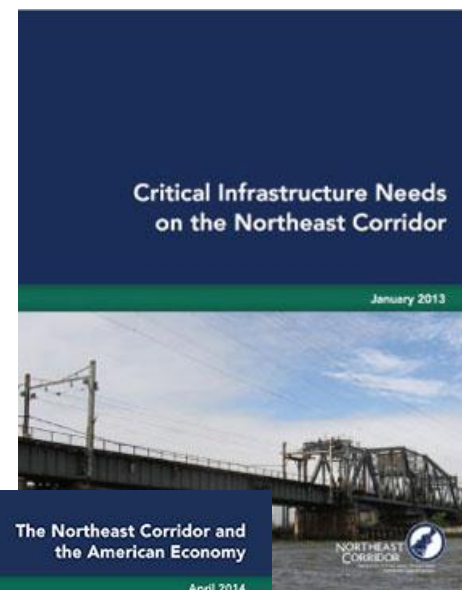
# 2014 FRA Rail Program Delivery



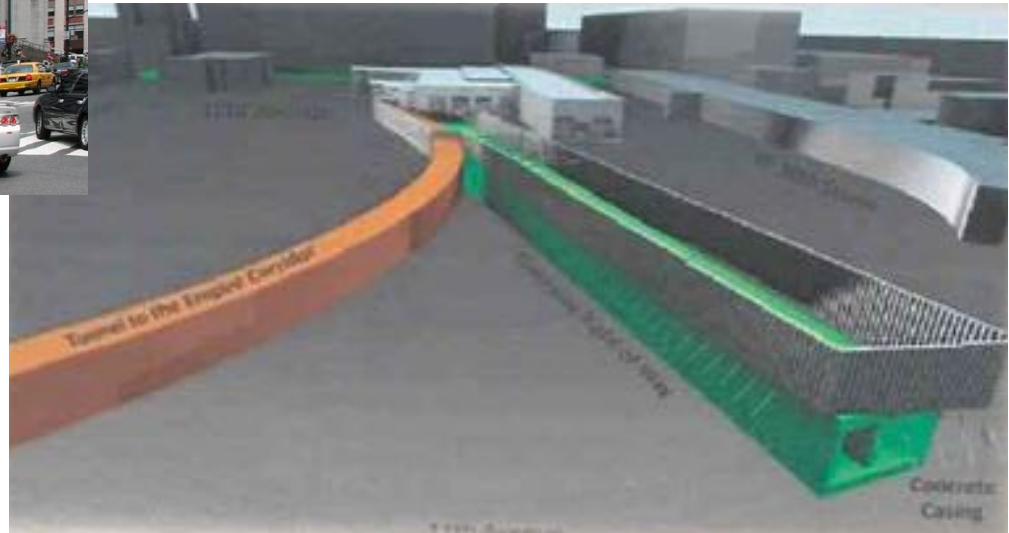
**Pennsylvania Station**

# NEC Commission

- **PRIIA, Section 212**
  - Cost Allocation
- **States, Amtrak & USDOT**
- **5-Year Capital Plan**
- **Economic Development**
- **Auto/Intercity Bus Data**
- **Link to NEC FUTURE**



# Moynihan Station



# Hudson Yards

# Harold Interlocking

- 4 Railroads
- 783 trains per day
- Harold Interlocking busiest in North America

Queens Blvd

LIRR/Amtrak Main Line

Sunnyside Yard

39th Street

# Harold - Overview

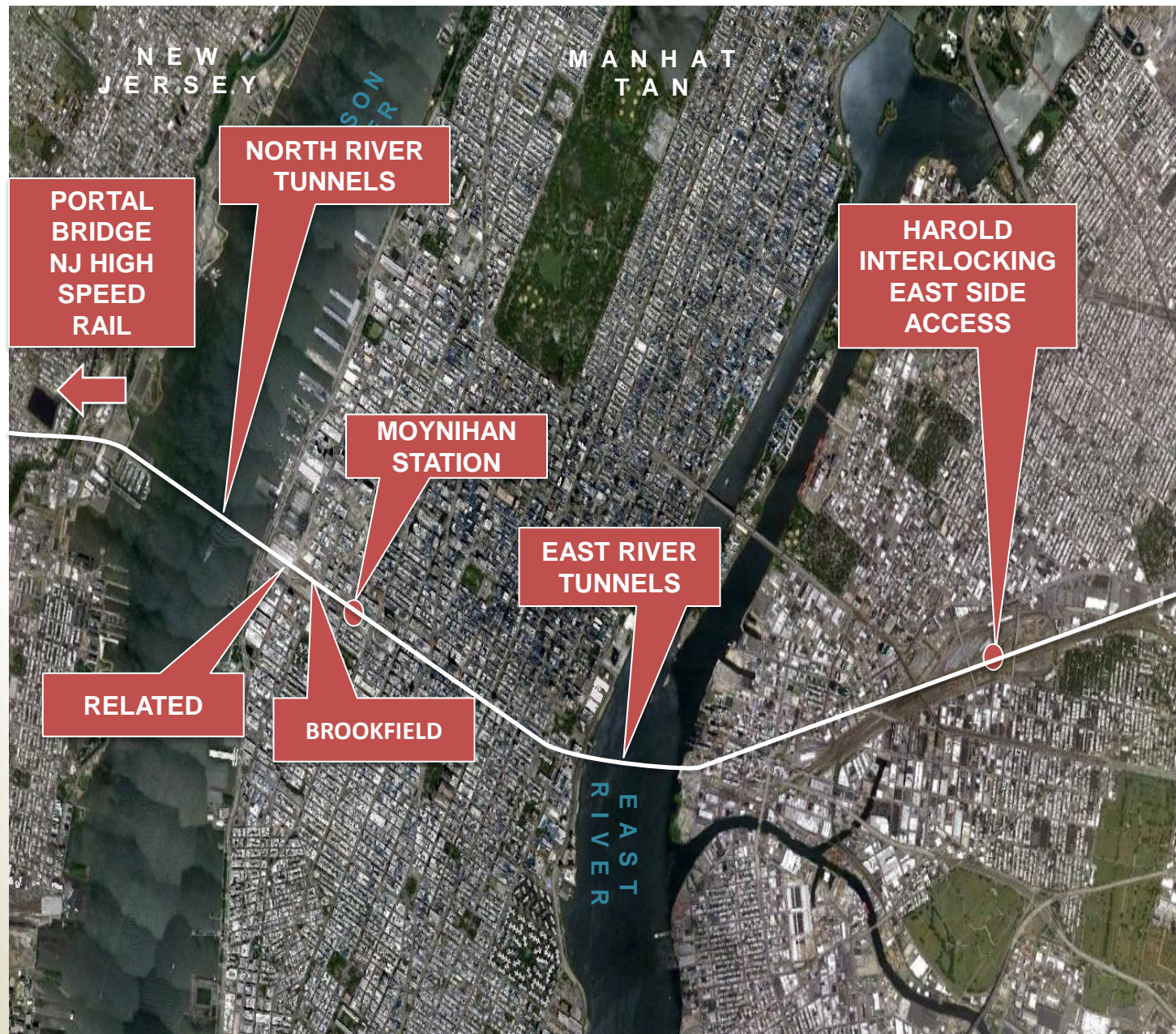
- Obligated 2011, Est. Project Completion 2018
- Construction underway
- Grantee: NYSDOT, MTA sub-grantee
- Total award \$368 million
  - \$294m federal, \$74m local
- MTA is constructing these improvements concurrently with construction of the East Side Access Project

# Harold - Benefits

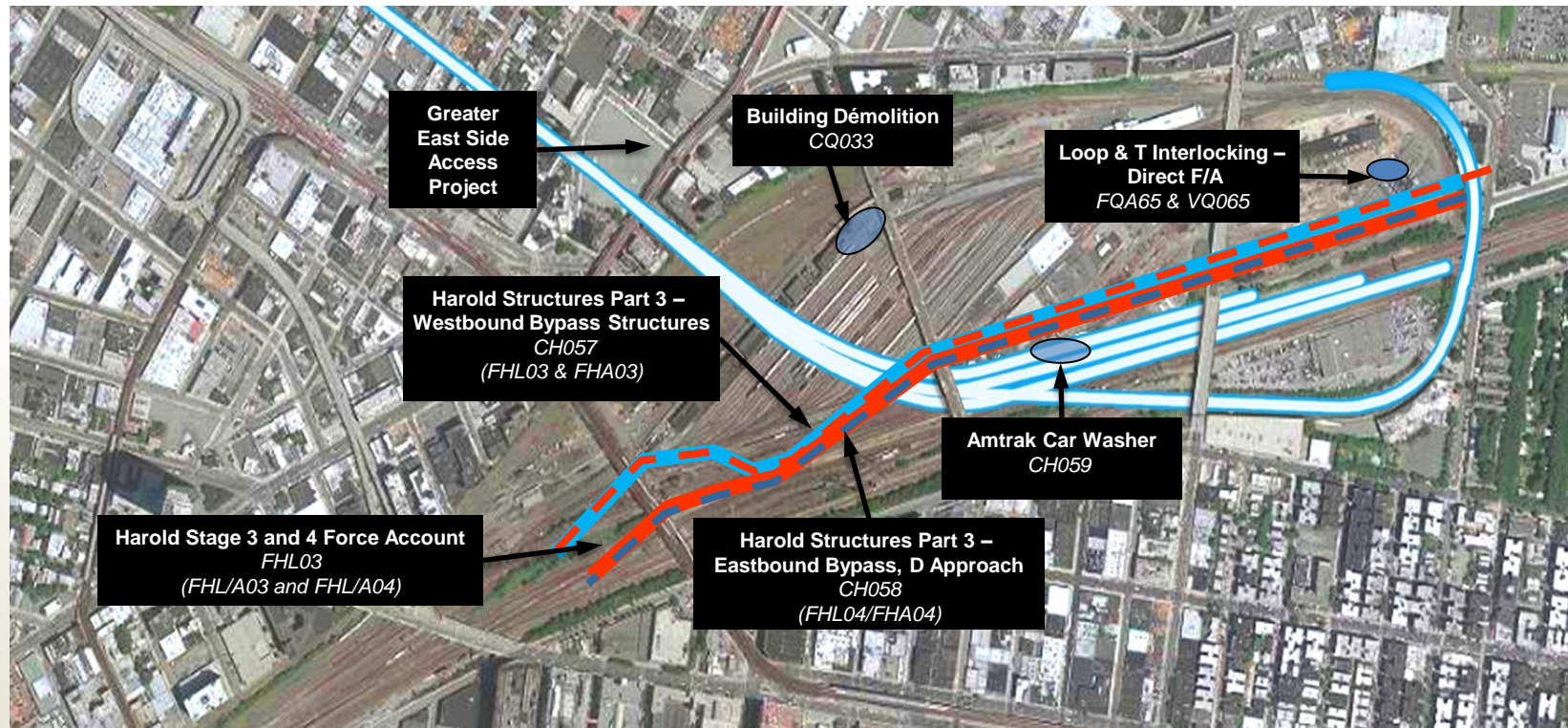
- Construct conflict-free, grade-separated westbound and eastbound routes through Harold
- Increase operational flexibility through Loop track improvements
- Install new high speed switches, crossovers, Central Instrument Locations, catenary, and electric traction

# Harold - Challenges

- No impact on revenue service in the region
- Coordination with other construction
- Availability of Resources
  - Track outages
  - LIRR & Amtrak resources
- Limited number of weekends
- Unexpected events require constant re-sequencing of work



# Harold - Scope



- Task 2: Westbound Bypass
- Task 3: Eastbound Reroute
- Task 4: WB/ER Amtrak and LIRR Force Account
- Task 5: Loop & T Interlocking
- Task 6: Car Washer Replacement
- Task 7: Building Demolition