

International Practicum on Implementing High Speed Rail in the United States

High Speed Rail in the Northeast Building Partnerships and Corridors

February 9, 2010

Presentation:

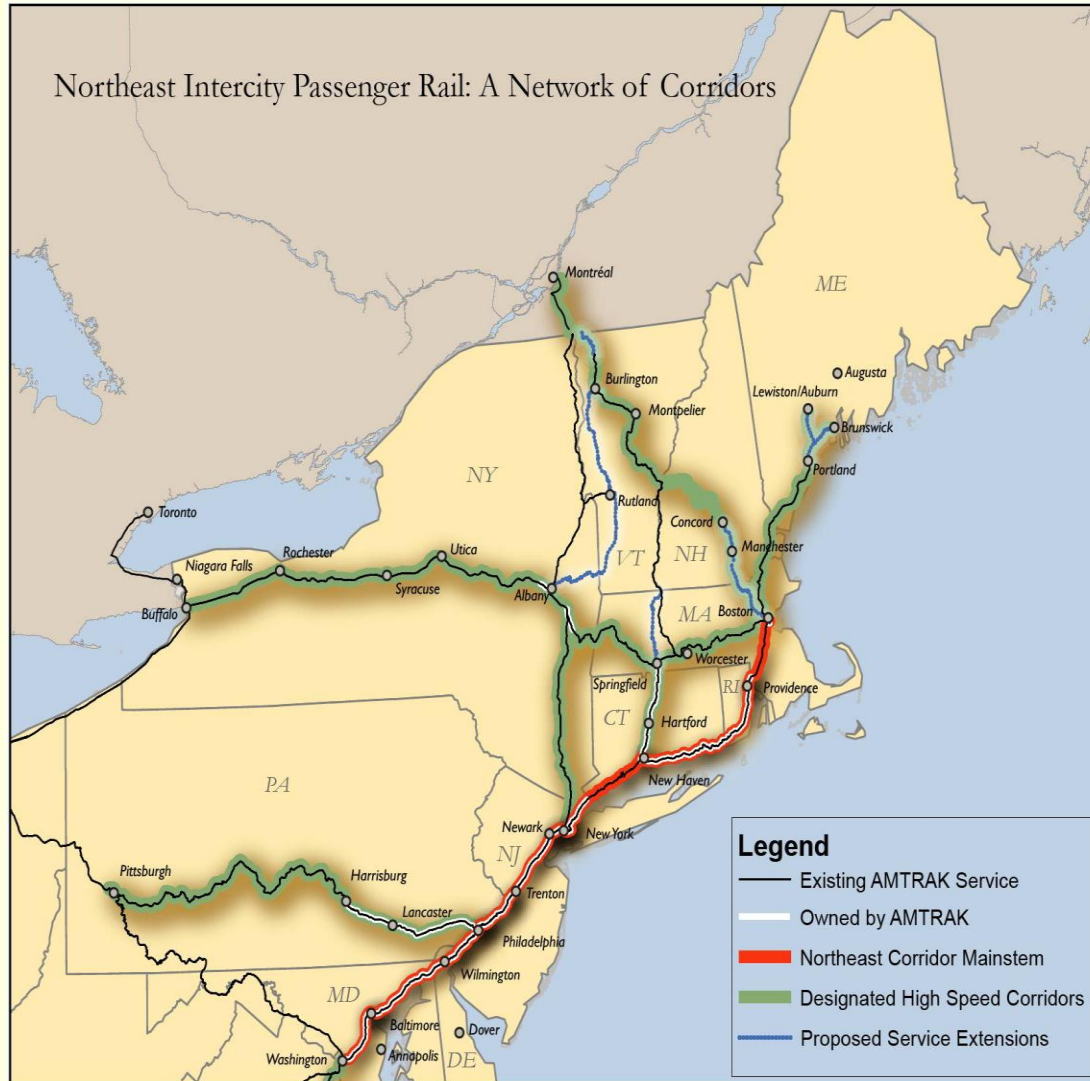
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Northeast Intercity Passenger Rail: A Network of Corridors




Legend

- Existing AMTRAK Service
- Owned by AMTRAK
- Northeast Corridor Mainstem
- Designated High Speed Corridors
- Proposed Service Extensions

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The Northeast Regional Rail Network

A Network of Corridors Serving 12 State Region and Beyond

- **Northeast Corridor (NEC) Spine: Boston – Washington, D.C**
 - Nation's Most Complex, Heavily Used Passenger Rail Corridor
 - Four Public Owners: Amtrak, NY/MTA, CTDOT, MA/MBTA
 - Intense, Mixed Use Traffic: Amtrak, 8 Commuter Railroads, 7 Freight Railroads

- **Connectors to the NEC Spine**
 - Northeastern New England Corridors: Downeaster, Boston-Montreal, Knowledge Corridor,
 - Vermont Western Corridor Burlington to NYC
 - Empire Corridor: NYC-Albany-Niagara Falls, NYC-Albany-Montreal
 - Keystone Corridor - Harrisburg-Philadelphia
 - NEC Extension – Virginia

- **Public and Private Ownership: Amtrak, States, Class I, Regional and Short Lines**
- **Mixed Use Traffic**

- **Serves Over 50 Million People**
- **Links Major Metropolitan Areas and Rural/Small Urban Communities**
- **Connects Northeast - Canada & States South and West**

Established System – Expanding Demand for Service

Today:

- **2,500 Trains Daily: High Speed, Regional, Long-distance Intercity Service, Commuter, Freight**
- **High Speed Service: NEC, Empire (South), Keystone Corridors**
- **258 Million Riders Annually**
- **13 Million Intercity Passengers**
 - **NEC Spine: 10.8 Million**
 - **NEC Connectors: 3.5 Million**
- **Many NEC Spine Segments – Near or At Capacity**
- **Reliability Challenged by Infrastructure Condition and Growth in Ridership**

Projected – 2030:

- **3,600 Daily Trains**
- **412 Million Riders**

Network of Corridors: An Asset for Regional Connectivity

- **Rail is About More Than Faster, Better Trains – It’s About Performance Toward Goals**

- **Critical to:**
 - **Mobility and Access for Citizens and Businesses**
 - **Economic Development, Job Retention and Creation**
 - **Community Revitalization in Metro Areas and Smaller Communities**
 - **Smart Energy Use and Environmental Stewardship**

CONEG Governors' Vision And Goals

Objective: Strengthen Rail in an Integrated, Multimodal Regional Transportation System

Goals:

- **2030: Double Intercity & Commuter Ridership**
- **Quality Service: Safe, Reliable, Frequent, Higher Speed, Time-Price Competitive**
 - **Higher Speed Regional And Premium Service**
 - **Expanded Service in Existing and New Markets**
 - **Reduced Travel Times. More Frequent Service. Reliable Performance**
- **Greater Reliability and Capacity**
 - **State of Good Repair**
 - **Intercity, Commuter, Freight Service Growth**
- **Greater System Efficiency**
 - **Enhanced Intermodal Connectivity**
 - **Comprehensive Coordinated Planning of Infrastructure-Operational Improvements**

Intercity Rail Projects in Process

- **Corridor-wide: NEC Infrastructure Master Plan**
- **Maine: Upgrade existing Boston-Portland; extend service to Brunswick**
- **Vermont: Upgrade service to Albany and to Massachusetts and Connecticut**
- **Massachusetts: Upgrade and restore service – Knowledge Corridor**
- **Rhode Island: Airport connector station**
- **Connecticut: Expand capacity on Connecticut-Massachusetts corridor; upgrade reliability - bridges**
- **New York: Develop New York City Moynihan Station; HSR Service on Empire Corridor**
- **New Jersey: Upgrade reliability and capacity - Portal Bridge**
- **Delaware: Upgrade reliability and capacity - third track**
- **Pennsylvania: Upgrade service – Keystone Corridor**
- **Maryland: Upgrade reliability and capacity - tunnels, major bridges, airport station**
- **District of Columbia: Upgrade reliability and connectivity – station and bridge**

Linked Corridors = Regional Partnerships

The Northeast Experience: States, Amtrak, Freight and Communities Working Together to Improve Intercity Passenger Rail Service.

- **Shared Vision for the Northeast Corridor Network**
- **Northeast Corridor Infrastructure Master Plan**
- **Regional Cooperation on Corridor Initiatives**
- **Institutional Collaboration: Northeast Corridor Infrastructure and Operations Advisory Commission**

Building Northeast Partnerships and Corridors

Thank You!

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