

THE URGENT NECESSITY FOR IMPROVING NEW YORK'S RAIL INFRASTRUCTURE  
as an  
ESSENTIAL COMPONENT OF THE LA ROUCHE ECONOMIC PLAN  
under the  
HAMILTON AMERICAN SYSTEM AND PRESIDENCY  
and the  
ONE BELT ONE ROAD EXTENSION TO NORTH AMERICA

Prepared by

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for Presentation at  
the Conference on

A NEW ECONOMIC PLATFORM  
for  
REVIVING HAMILTON'S AMERICAN SYSTEM-PRESIDENCY  
through  
IMPLEMENTING LA ROUCHE'S FOUR LAWS  
at the

Beacon Hotel  
2130 Broadway  
New York, New York  
10023

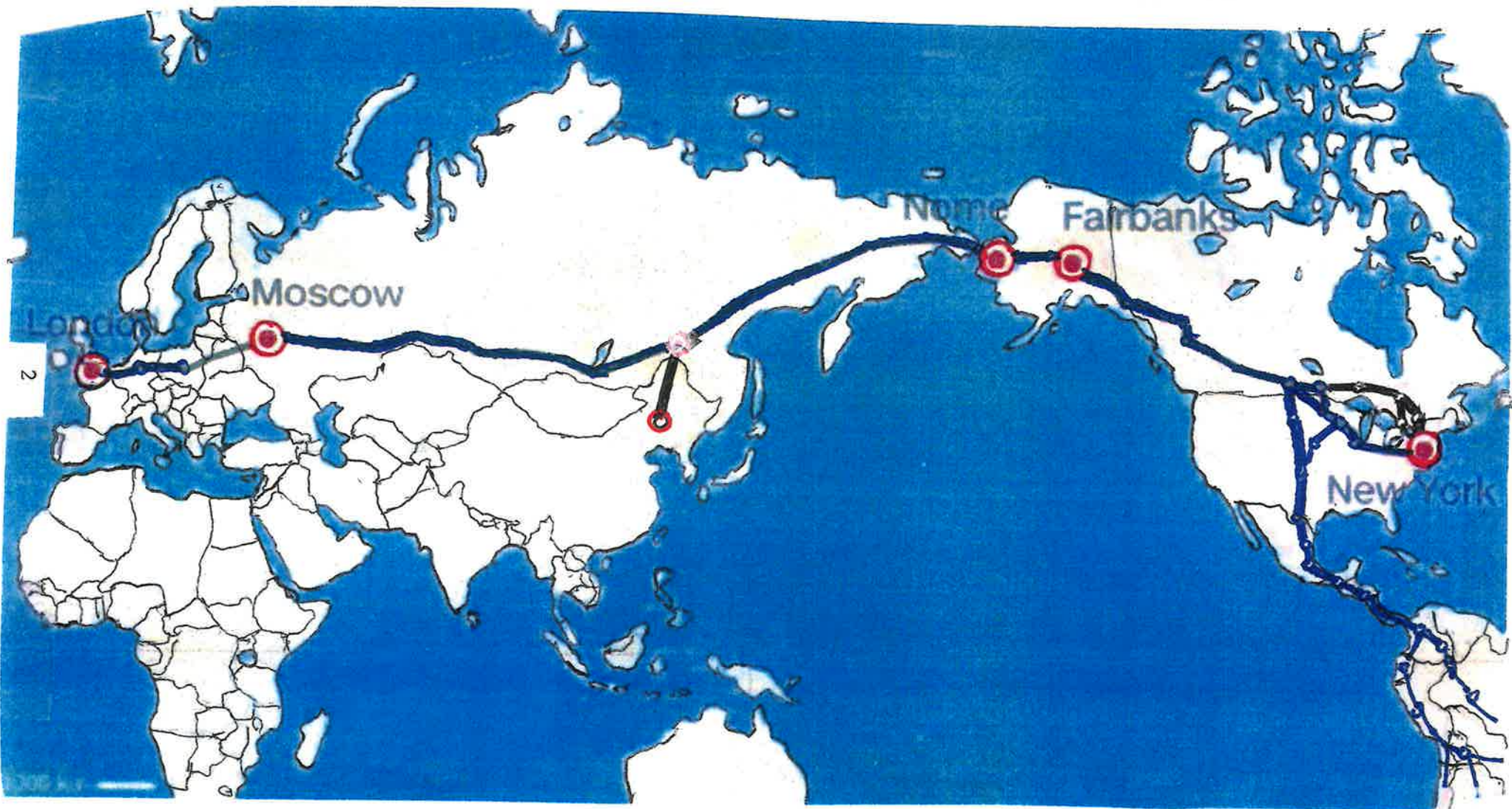
Saturday, August 26, 2017

The proposed route of the Alaska Canada rail infrastructure project between the United States and Canada begins at Wales at the western end of the Seward Peninsula in far western Alaska across from Uelen at the far eastern end of the Chukotka Peninsula of northeastern Russia. The Bering Strait rail crossing is through a 65 to 75 mile long four track tunnel under the Bering Strait. The Bering Strait has a minimum width of 53 mile between Chukotka and Alaska which passes through Big Diomed Island (Russia) and Little Diomed Island (United States) in the middle. This rail line then enters the North American mainland near Wales and then goes through the center of Alaska to Brooks Mountains and then along the north shore of the Yukon River to Tanana and then to Fairbanks.

The proposed route of the Alaska Canada railroad line corridor then goes to the east from Fairbanks along the existing Alaska Railroad right-of-way to Delta Junction and Tok Junction to the boundary at Alcan on the Alaska - Yukon Territory border between the United States and Canada on a completely new rail line. The Alaska Canada rail line from Wales and Fairbanks to Alcan then crosses the border to Beaver Creek and then to Lake Kluane to the southeast and then to the east to the capital of the Yukon Territory at Whitehorse and then to Teslin on a completely new rail line. The Alaska Canada railway connector then goes further to the east to Teslin where there is a junction in the Yukon Territory which then splits into two separate rail lines on new rights-of-way. A connecting rail line then goes to the south from Prince George and Vancouver in British Columbia to Seattle in the State of Washington while the other line goes to the southeast from Dawson Creek to Edmonton, Alberta to the Twin Cities of Minneapolis and St. Paul in Minnesota.

The western branch of the Alaska Canada rail line from Teslin in the Yukon Territory then goes to the southeast on another new railroad right-of-way to Dease Lake in northwestern British Columbia. The Alaska Canada railroad then goes over the partially completed former British Columbia Railway right-of-way from Dease Lake to the southeast to Chipmunk to join an existing railroad line. This existing railroad line then goes to the south from Chipmunk to Fort St. James and to the east to Odell near Summit Lake over a railroad line now owned by the Canadian National Railway. There is also future rail connector line from Driftwood to the southeast of Chipmunk which could be built to the southwest to Hazelton on the main east-west Canadian National Railway line between Prince George and Prince Rupert on the West Coast of British Columbia.

LOCATION OF THE TRANSEURASIAN LANDBRIDGE AND NORTH AMERICAN RAIL AND ROAD NETWORK BETWEEN LONDON AND NEW YORK AS PROPOSED BY RUSSIAN PRESIDENT VLADIMIR PUTIN AND VLADIMIR YAKUNIN





# ROUTE LOCATIONS OF THE HIGH SPEED RAIL LINES BETWEEN MOSCOW, RUSSIA AND BEIJING, CHINA LINES





PROPOSED ROUTE OF THE ONE BELT ONE ROAD RAIL EXTENSION TO NORTH AMERICA



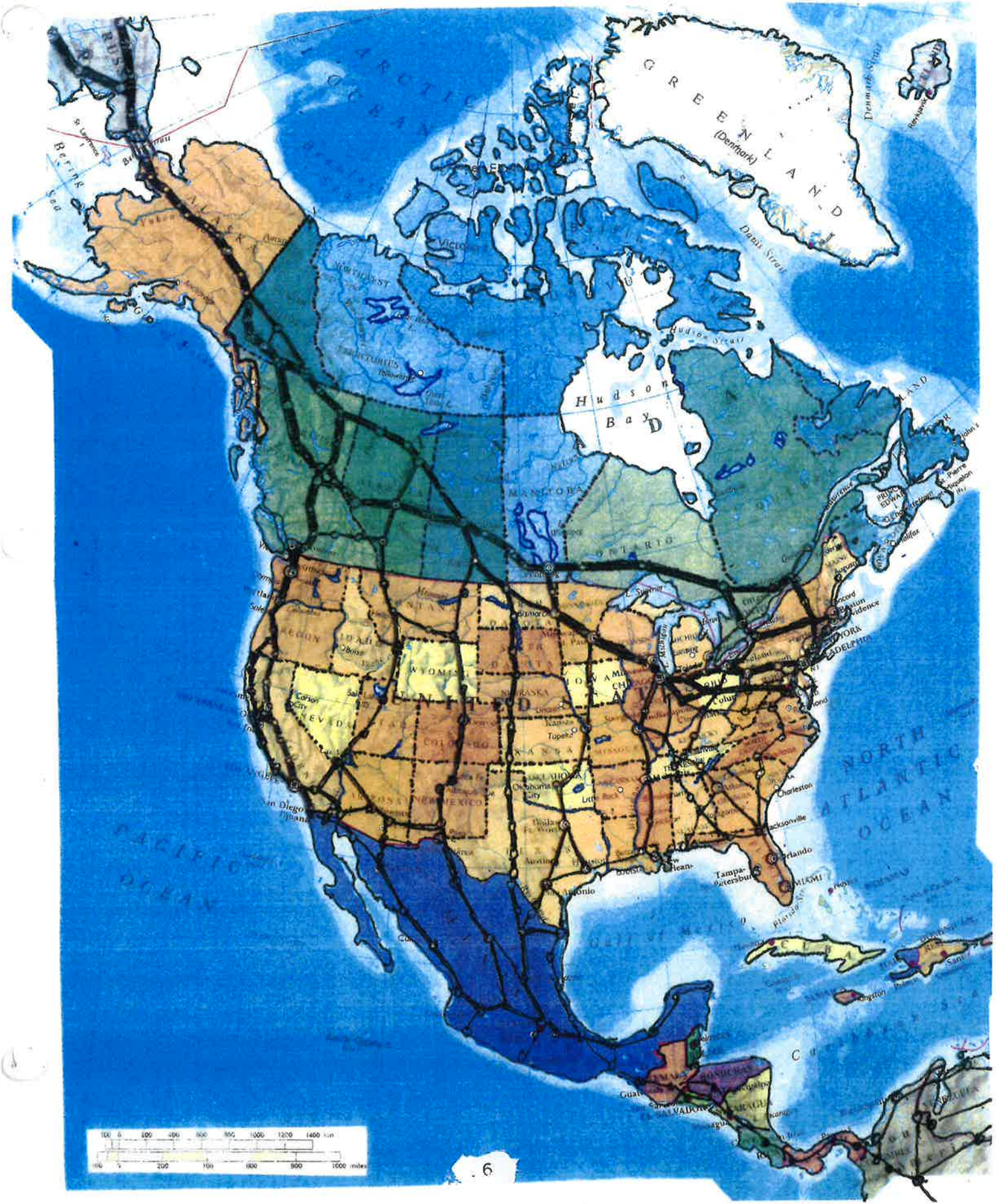


MAJOR RAILROAD LINE CONNECTIONS IN CANADA AND MEXICO AND THE UNITED STATES









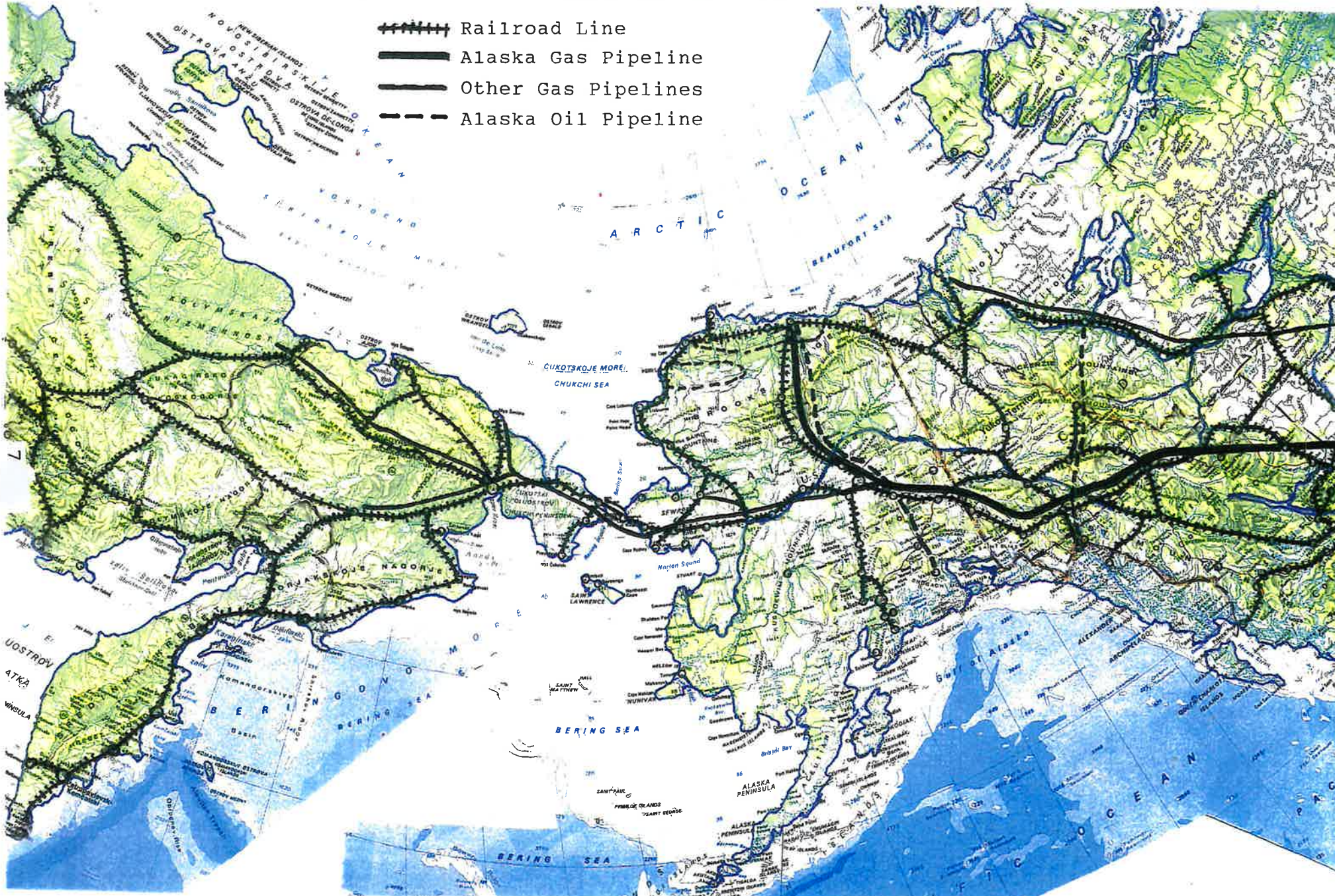
PROPOSED ROUTE LOCATION OF THE ONE BELT ONE ROAD EXTENSION OF THE SILK ROAD THROUGH THE BERING STRAIT RAILROAD TUNNEL, TO NORTH AMERICA





PROPOSED LOCATIONS OF THE BERING STRAIT RAILROAD TUNNEL AND NATURAL GAS PIPELINE NETWORK

-  Railroad Line
-  Alaska Gas Pipeline
-  Other Gas Pipelines
-  Alaska Oil Pipeline



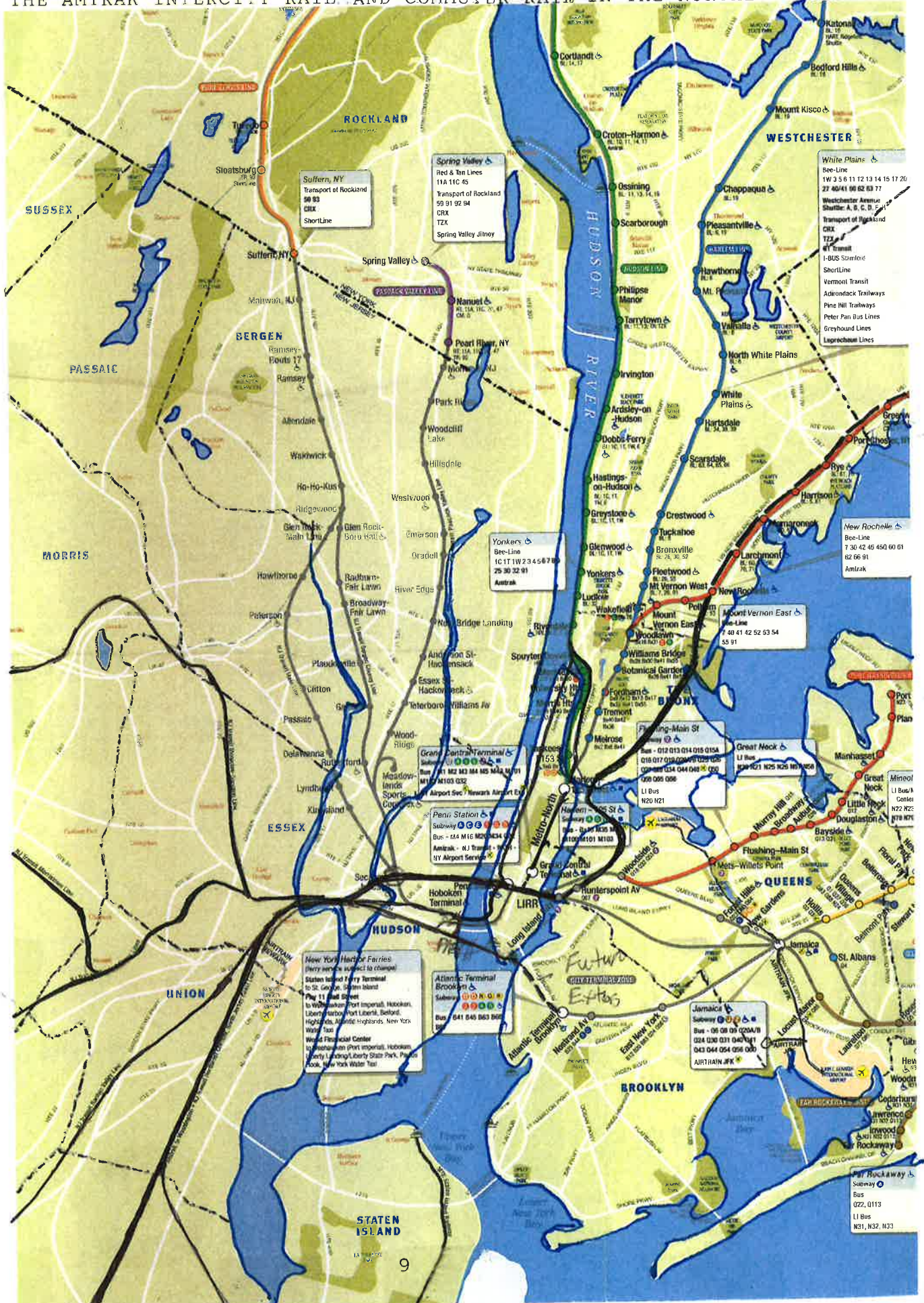


# PROPOSED INTERCONTINENT HIGH SPEED RAIL LINE NETWORK BETWEEN NORTH AMERICA AND CENTRAL AMERICA TO SOUTH AMERICA





ROUTE LOCATIONS OF THE MAJOR COMMUTER RAILROAD LINES IN THE NEW YORK AREA FOR NEW JERSEY TRANSIT AND LONG ISLAND RAILROAD AND METRO-NORTH RAILROAD PLUS THE AMTRAK INTERCITY RAIL AND COMMUTER RAIL IN THE NORTHEAST CORRIDOR



**Suffern, NY**  
 Transport of Rockland  
 58 93  
 CRX  
 ShortLine

**Spring Valley**  
 Red & Ten Lines  
 11A 11C 45  
 Transport of Rockland  
 59 91 92 94  
 CRX  
 TZK  
 Spring Valley Jitney

**White Plains**  
 Bee-Line  
 1W 3 5 6 11 12 13 14 15 17 20  
 27 40/41 60 62 63 77  
 Westchester Avenue  
 Shuttle: A, B, C, D, E  
 Transport of Rockland  
 CRX  
 TZK  
 J-T Transit  
 I-BUS Scanlon  
 ShortLine  
 Vermont Transit  
 Adirondack Trailways  
 Pine Hill Trailways  
 Peter Pan Bus Lines  
 Greyhound Lines  
 Lagrechaus Lines

**Yonkers**  
 Bee-Line  
 1C 1T 1W 2 3 4 5 6 7 8  
 25 30 32 91  
 Amtrak

**New Rochelle**  
 Bee-Line  
 7 30 42 45 46 60 61  
 62 66 91  
 Amtrak

**Penn Station**  
 Subway  
 Bus - 04 M16 M20 M34 M39  
 Amtrak - NJ Transit  
 NY Airport Service

**Great Neck**  
 LI Bus  
 M29 M31 M35 M36 M37 M38

**New York Harbor Ferries**  
 Ferry routes subject to seasonal  
 Station Island Ferry Terminal  
 to St. George, Green Island  
 Pier 11 East Street  
 to Whitehall, Port Imperial, Hoboken,  
 Liberty Harbor, Port Liberty, Bellport,  
 Highlands, Middle Village, New York  
 Water Taxi  
 World Financial Center  
 to Manhattan Port Imperial, Hoboken,  
 Liberty Landing, Liberty State Park, Pleasant  
 Hook, New York Water Taxi

**Atlantic Terminal**  
 Brooklyn  
 Subway  
 Bus - 041 040 063 065  
 LI

**Jamaica**  
 Subway  
 Bus - 05 08 09 020A/B  
 024 030 031 040 041  
 043 044 054 056 060  
 AIRTRAIN JFK

**Port Rockaway**  
 Subway  
 Bus  
 022, 0113  
 LI Bus  
 N31, N32, N33



# ROUTE LOCATIONS OF THE SUBWAY AND RAILROAD LINES INTO NEW YORK CITY AREA

## New York City

### Getting around

Discover the city from a different perspective. The New York City Subway is the largest transit system in the world.  
 With more than 200 miles of subway lines, it's the easiest way to get around the city.  
 NYC's subway and buses are accessible for people with disabilities. For more information, visit [www.mta.info](http://www.mta.info).  
 NYC's accessible public transit system is the largest in the world. For more information, visit [www.mta.info](http://www.mta.info).

### 5-Borough Highlights

- Manhattan: Empire State Building, Times Square, Central Park, Grand Central Terminal, Statue of Liberty, Ellis Island, 9/11 Memorial, Rockefeller Center, Radio City Station, Lincoln Center, Carnegie Museum of Art, Metropolitan Museum of Art, American Museum of Natural History, New York Public Library, Grand Staircase, Flatiron Building, Chrysler Building, United Nations Secretariat Building, New York City Hall, New York City Police Department, New York City Fire Department, New York City Department of Parks and Recreation, New York City Department of Transportation, New York City Department of Social Services, New York City Department of Health and Mental Hygiene, New York City Department of Education, New York City Department of Social Services, New York City Department of Health and Mental Hygiene, New York City Department of Education.
- Brooklyn: Brooklyn Museum, Prospect Park, Coney Island, Barclays Center, Brooklyn Museum, Prospect Park, Coney Island, Barclays Center.
- Queens: Flushing Meadows-Corona Park, Queens Museum, Flushing Meadows-Corona Park, Queens Museum.
- Richmond: Staten Island Mall, Staten Island Mall.
- Staten Island: Statue of Liberty, Ellis Island, Statue of Liberty, Ellis Island.

### Water & Air Transport

- Circle Line Downtown
- Circle Line Sightseeing
- CitySightseeing
- East River Ferry
- Governors Island Ferry
- Hudson River Ferry Service
- Hudson River Cruises
- Liberty Bell Cruises
- Liberty Landing Ferry
- Manhattan Helicopters
- New York Helicopters
- New York Waterway - East NY Waterway
- SeaStreak
- Spirit Cruises
- Staten Island Ferry
- Statue Cruises



- Subway Rail Line
- Passenger Rail Line
- Freight Rail Line
- Rail Transit Line

**Walk NYC**  
 The Official Guide  
[nycgo.com](http://nycgo.com)



# New York City

Five-Borough Highlights		Water & Air Transport	
The Bronx	Queens	Circle Line Downtown	Circle Line Sightseeing
Arthur Avenue	Aqueduct Racetrack	CitySightseeing	East River Ferry
Barlow-Poll Mansion	Belmont Park Race Track	Governors Island Ferry	Helicopter Flight Services
Bronx Museum of the Arts	Citi Field	Homebrew Cruises	Liberty Helicopters
Bronx Zoo	Flushing Meadows Corona Park	Liberty Landing Ferry	Manhattan Helicopters
City Island Nautical Museum	Flushing Town Hall	New York Helicopter	New York Water Taxi
Fordham University	King Manor Museum	NY Waterway	SeaSnek
Hall of Fame for Great Americans	Kingsland Homestead	Spirit Cruises	Staten Island Ferry
New York Botanical Garden	Louis Armstrong House Museum	Stature Cruises	
Pope Cottage	MoMA PS1		
Valentine-Varon House	Museum of the Moving Image		
Van Cortlandt House Museum	New York Hall of Science		
Wave Hill	Neguchi Museum		
Woodlawn Cemetery	Queens Botanical Garden		
Yankee Stadium	Queens County Farm Museum		
	Queens Museum		
	Queens Theatre in the Park		
	Queens Zoo		
	Resorts World Casino		
	Rockaway Beach		
	Socrates Sculpture Park		
	Unisphere		
	USTA Billie Jean King National Tennis Center (site of the US Open)		
	Brooklyn Museum		
	Coney Island		
	Green Wood Cemetery		
	Harbor Defense Museum		
	Lefferts Historic House (Prospect Park)		
	MCU Park (Home of the Brooklyn Cyclones)		
	New York Aquarium		
	Transit Museum		
	House		
	Prospect Park Zoo		
	Staten Island Children's Museum		
	Staten Island Ferry		
	Staten Island Museum		
	Staten Island Zoo		
	St. George		
	Verrazano		



- Port Authority Trans Hudson Route
- Interborough and Airport Transit Line
- New York City Subway Transit Line
- Proposed New York Subway Extension



PROPOSED PERIPHERAL BELTWAY RAIL BYPASS CORRIDOR AROUND THE NEW YORK AREA





CONNECTING INTERCITY AND COMMUTER PASSENGER RAILROAD LINES INTO MANHATTAN



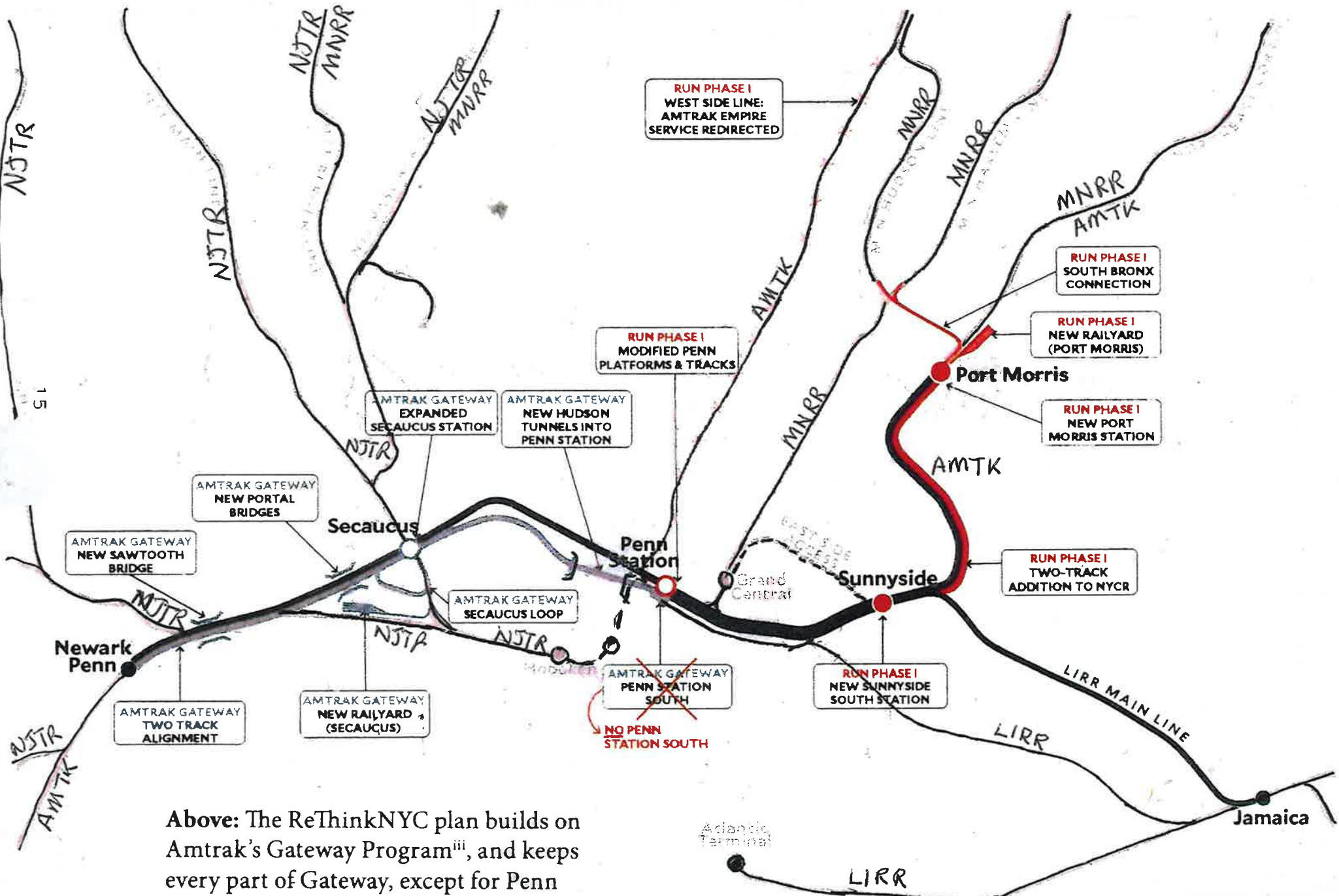


ROUTE LOCATION OF THE SUBWAY AND COMMUTER RAILROAD LINES IN SOUTHERN MANHATTAN





ROUTE LOCATIONS OF THE AMTRAK NORTHEAST CORRIDOR RAIL LINES LEADING TO NEW YORK PENN STATION



Above: The ReThinkNYC plan builds on Amtrak's Gateway Program<sup>iii</sup>, and keeps every part of Gateway, except for Penn Station South.

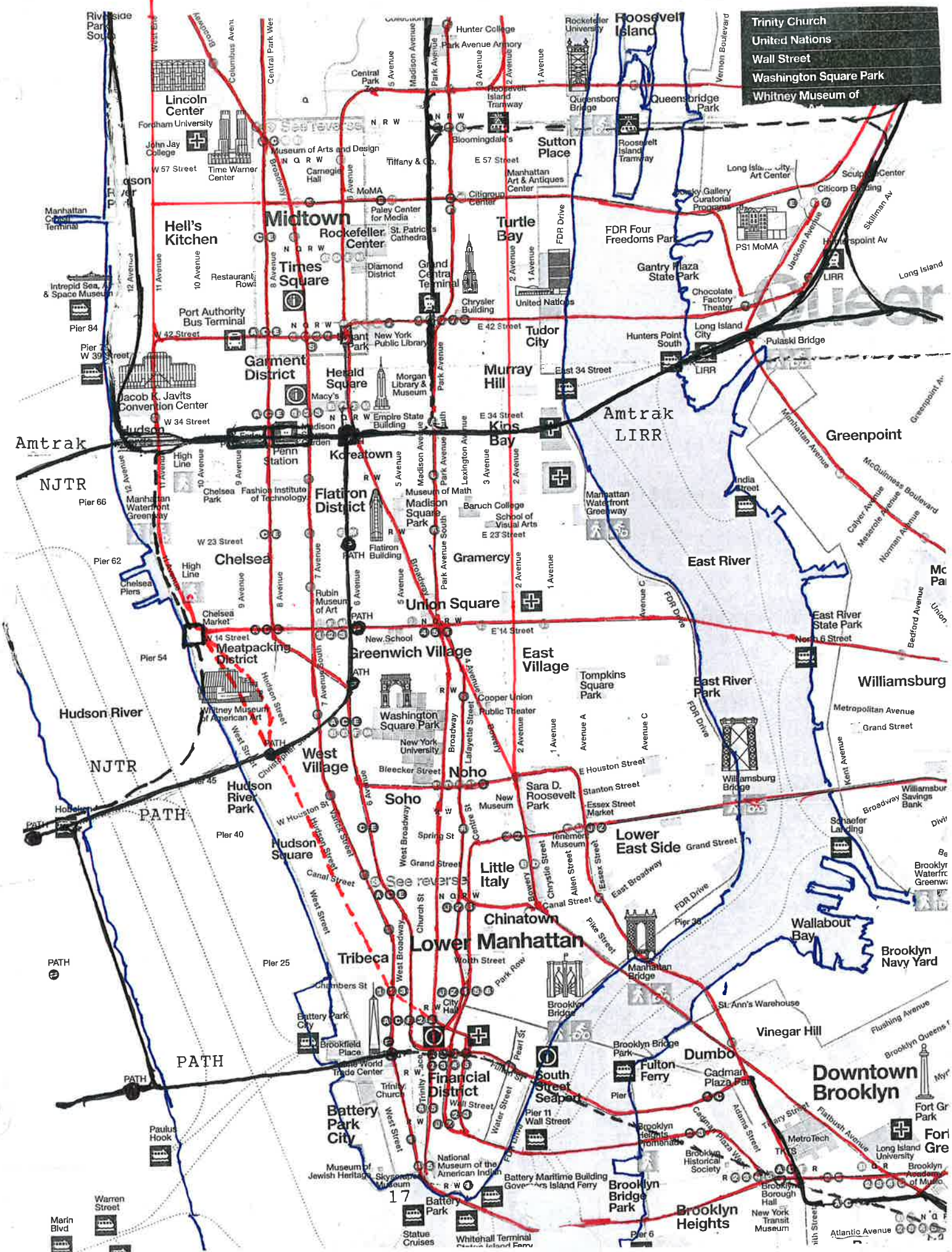


ROUTE LOCATIONS OF THE SUBWAY LINES AND RAILROAD LINES IN NEW YORK CITY



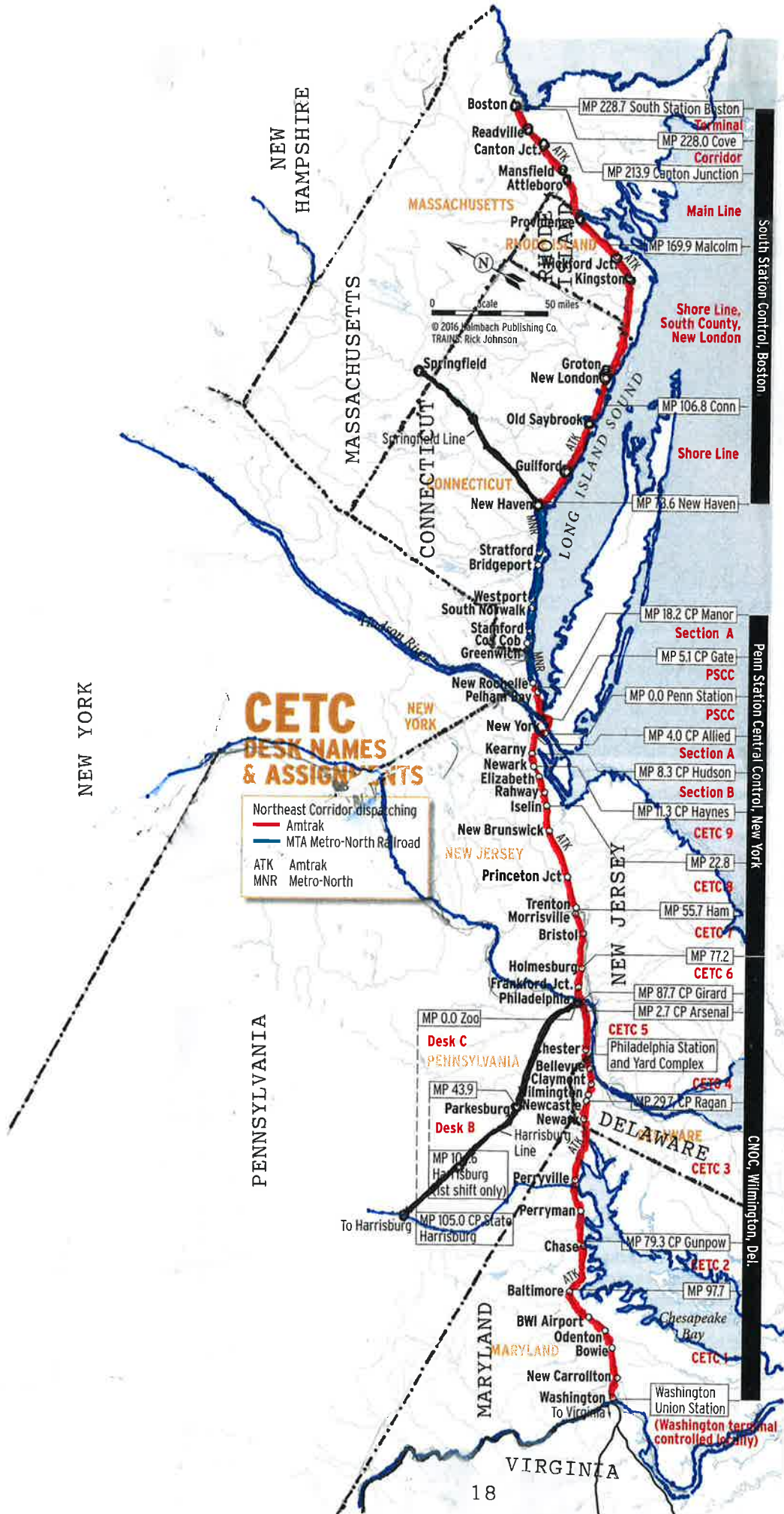


ROUTE LOCATION OF THE COMMUTER AND AMTRAK AND SUBWAY RAIL LINES IN MANHATTAN





ROUTE LOCATION OF THE AMTRAK NORTHEAST CORRIDOR RAIL SERVICE BETWEEN BOSTON AND WASHINGTON



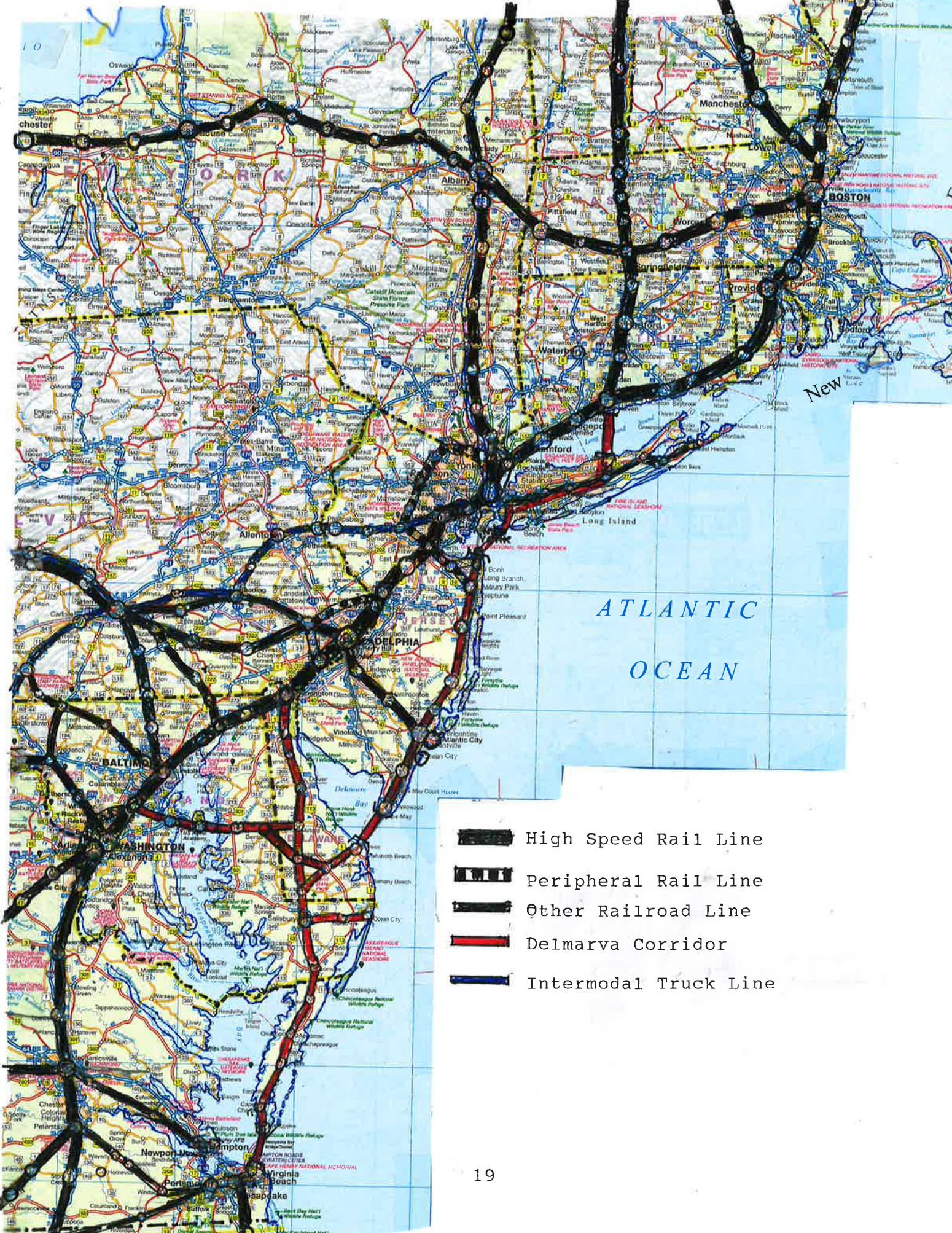
**CETC  
DESK NAMES  
& ASSIGNMENTS**




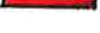

Northeast Corridor dispatching

- Amtrak
- MTA Metro-North Railroad
- ATK Amtrak
- MNR Metro-North

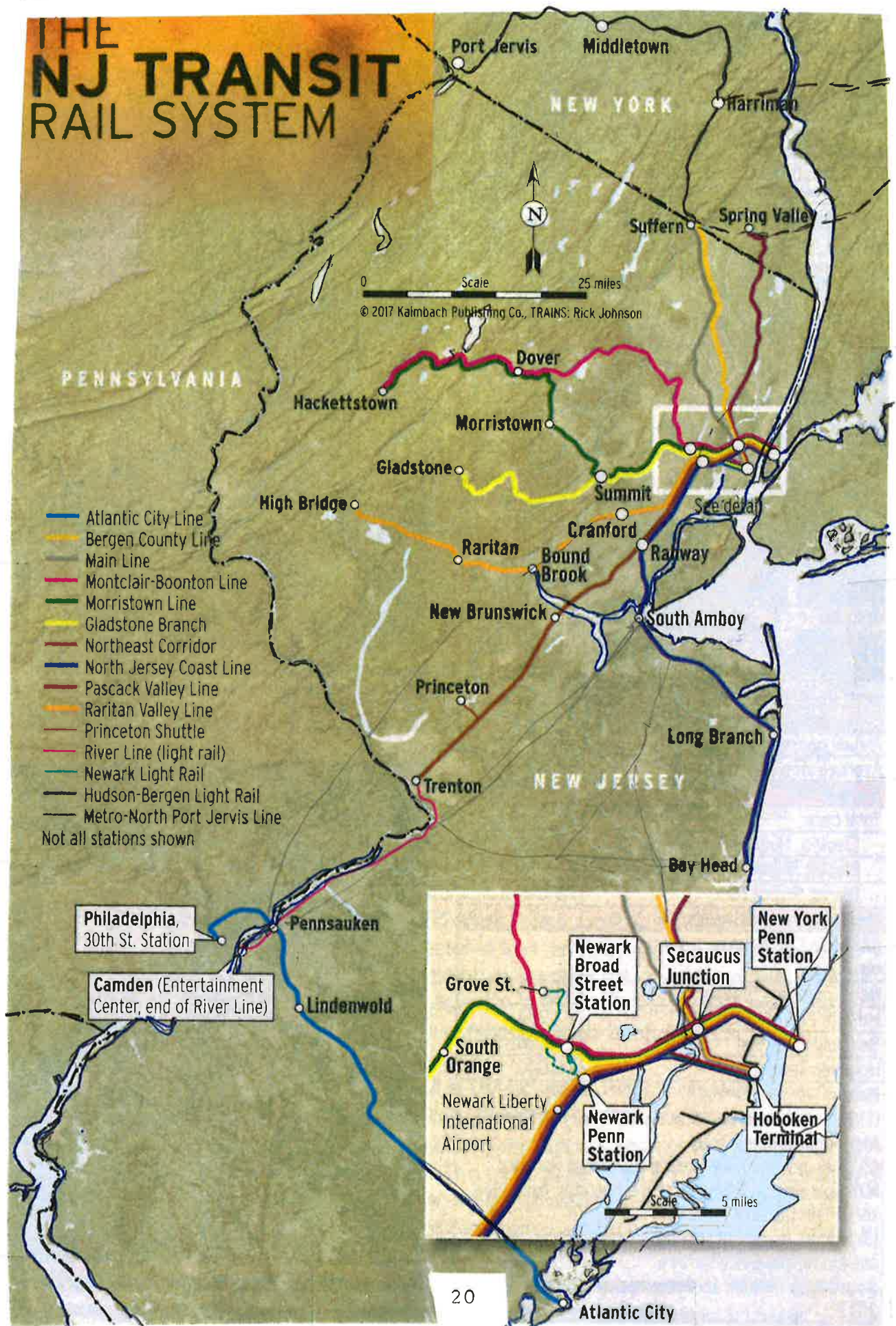


ROUTE LOCATIONS OF THE NORTHEAST CORRIDOR HIGH SPEED RAILROAD LINES  
 AS PROPOSED FUTURE EXTENSIONS OF THE ONE BELT ONE ROAD NETWORKS



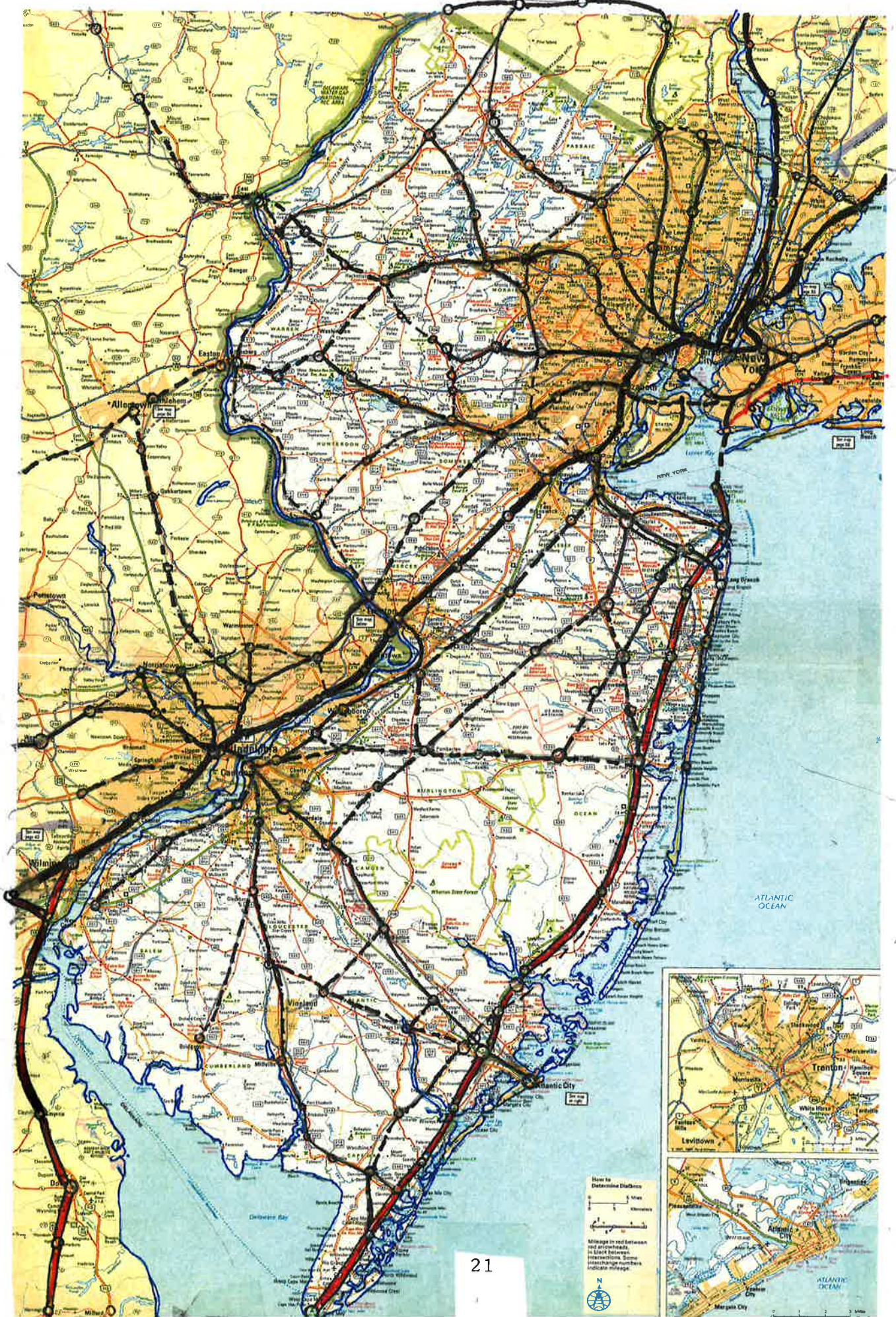
-  High Speed Rail Line
-  Peripheral Rail Line
-  Other Railroad Line
-  Delmarva Corridor
-  Intermodal Truck Line





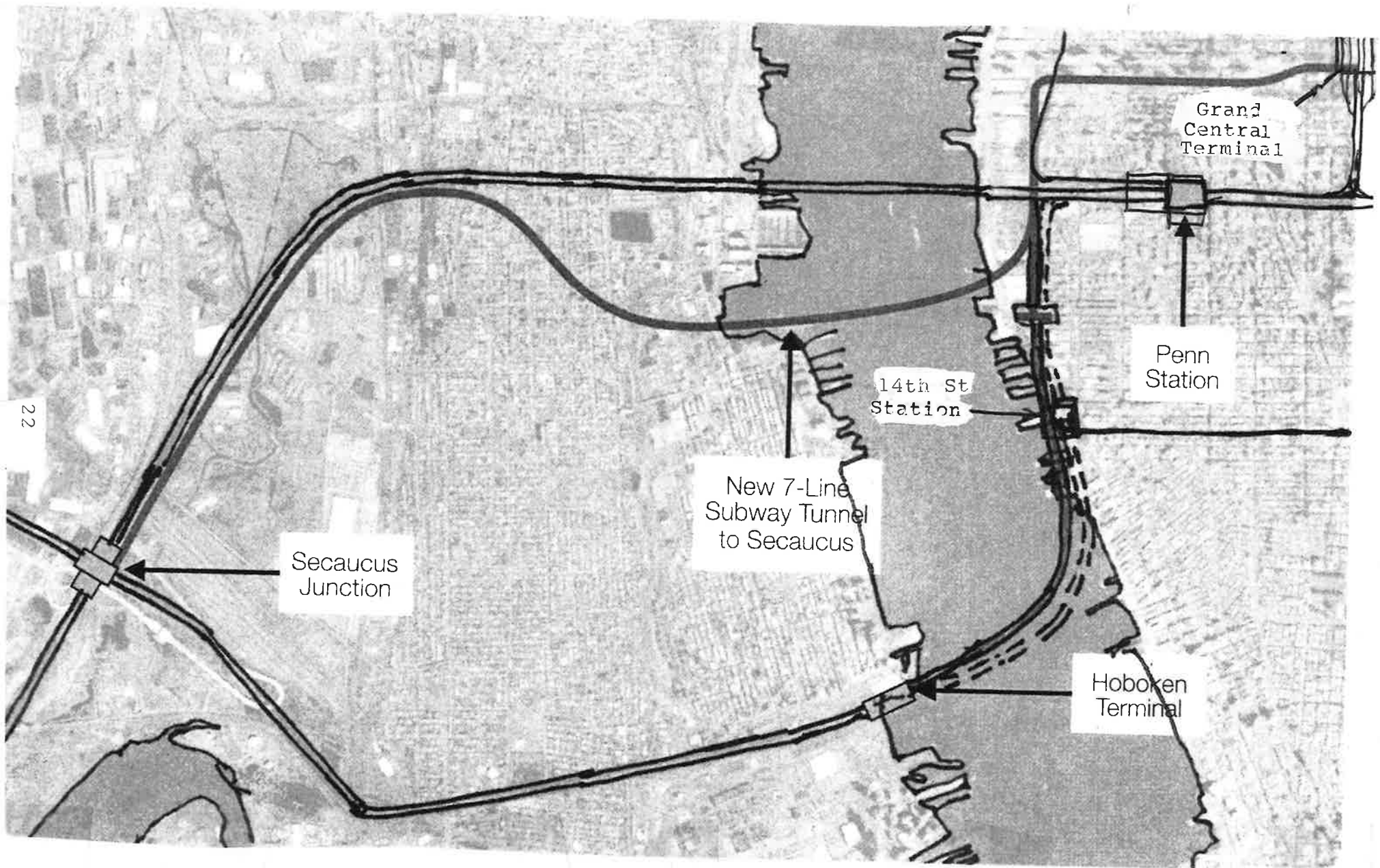


EXISTING AND PROPOSED PASSENGER RAILROAD LINES IN NEW JERSEY FOR COMMUTERS





LOCATIONS OF THE MAJOR PASSENGER RAILROAD LINES BETWEEN NEW JERSEY AND MANHATTAN INTO NEW YORK ALONG THE NORTHEAST CORRIDOR TO CONNECT WITH SECAUCUS AND HOBOKEN AND PENN STATION





EXISTING RAILROAD LINES AND SUBWAY ROUTES IN THE NEW YORK REGIONAL UNIFIED NETWORK SYSTEM





PROPOSED COMMUTER RAIL PASSENGER SERVICE DENSITIES FOR THE REGIONAL UNIFIED NETWORK



24






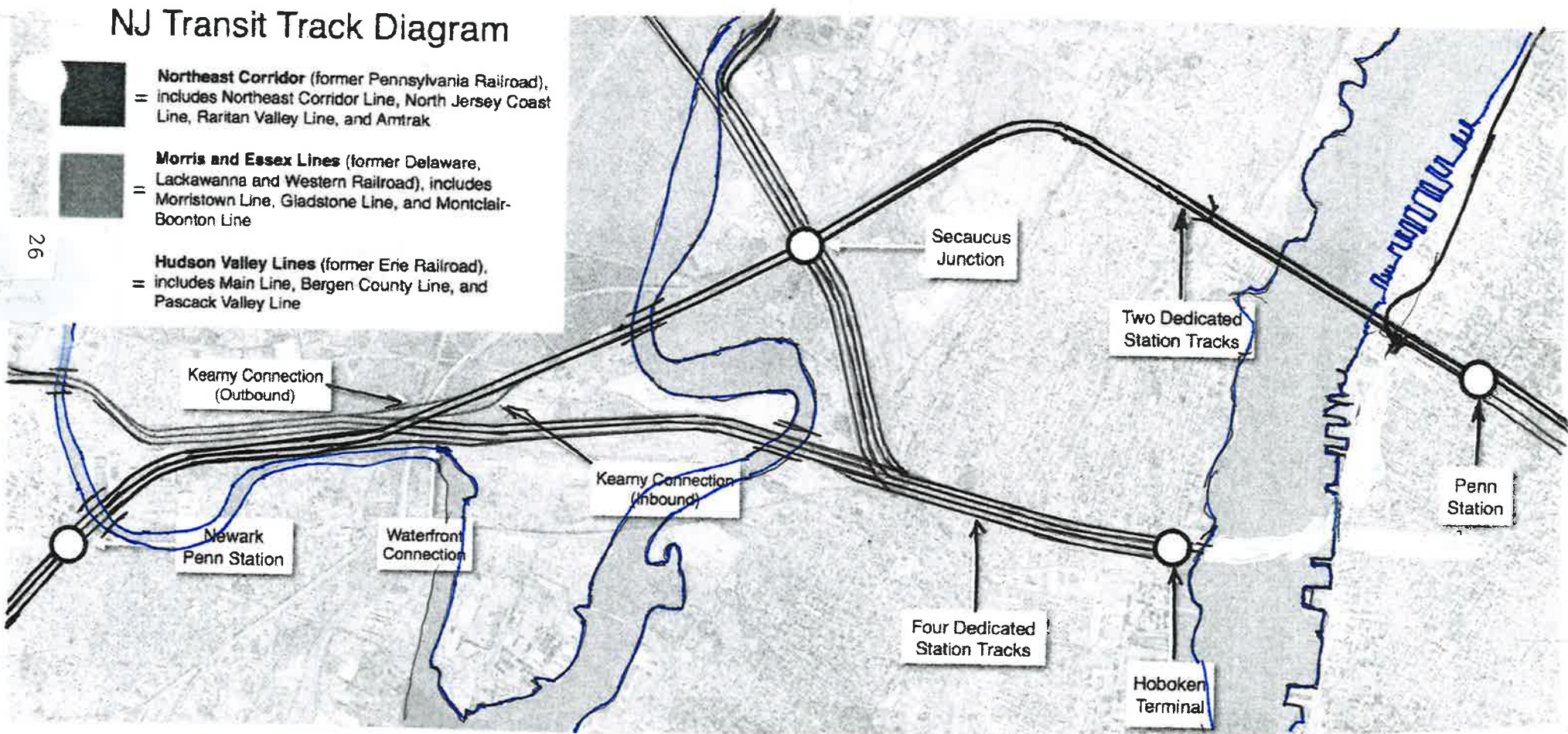




EXISTING TRACK CONFIGURATION OF THE NEW JERSEY TRANSIT RAIL COMMUTER SERVICE TO MANHATTAN

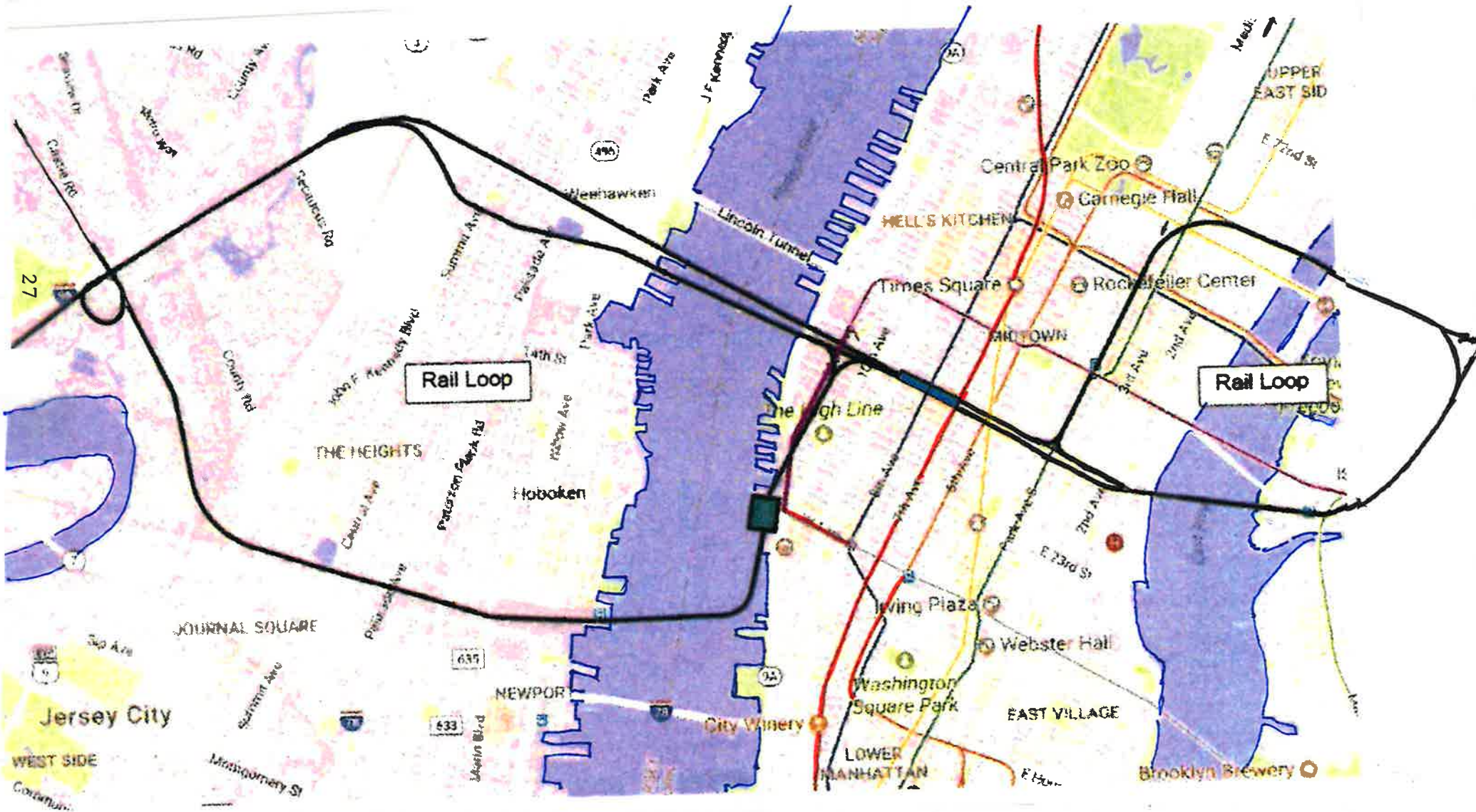
NJ Transit Track Diagram

-  **Northeast Corridor** (former Pennsylvania Railroad), includes Northeast Corridor Line, North Jersey Coast Line, Raritan Valley Line, and Amtrak
-  **Morris and Essex Lines** (former Delaware, Lackawanna and Western Railroad), includes Morristown Line, Gladstone Line, and Montclair-Boonton Line
-  **Hudson Valley Lines** (former Erie Railroad), includes Main Line, Bergen County Line, and Pascack Valley Line



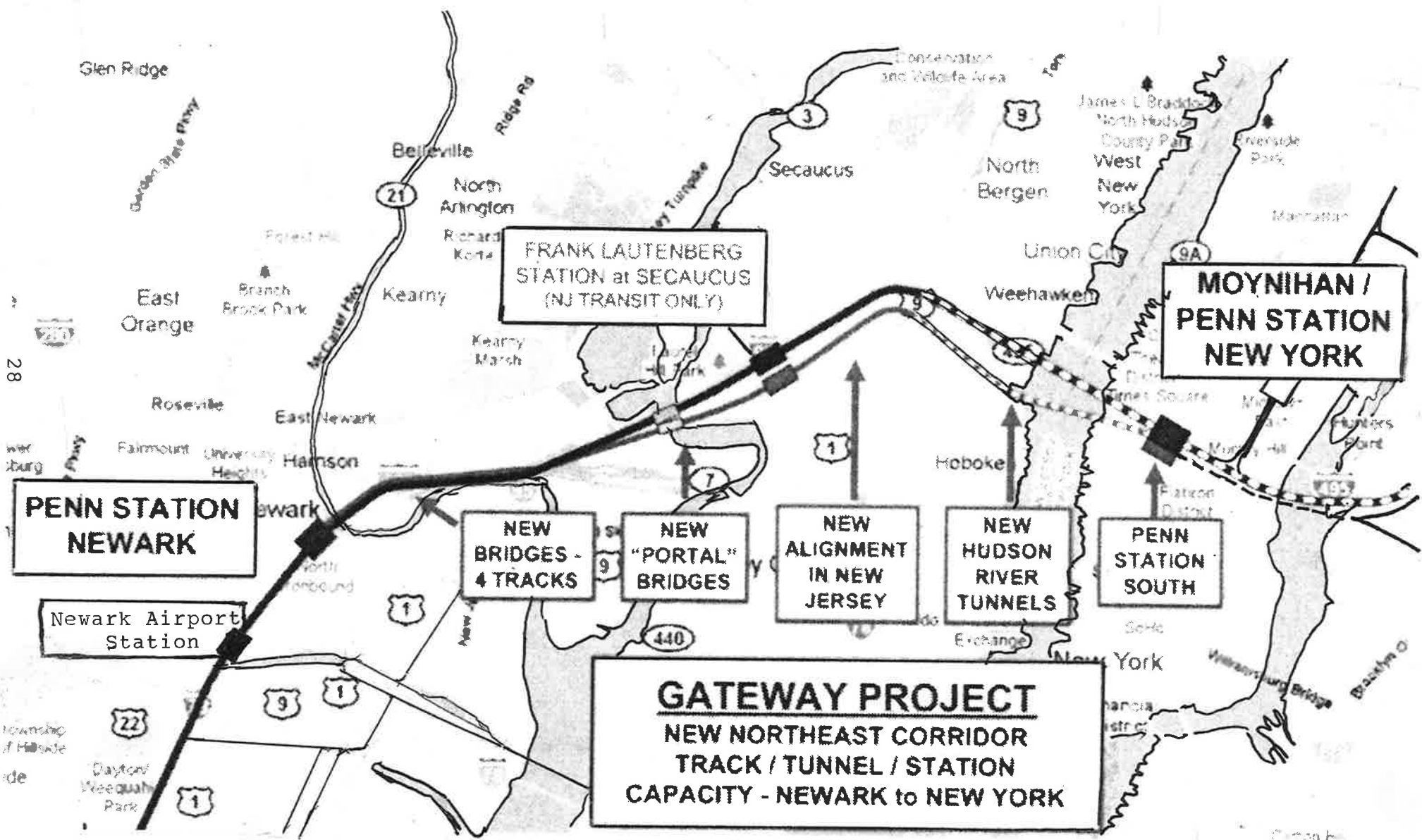


ROUTE LOCATIONS OF THE COMMUTER TRAIN RETURN LOOPS TO PENNSYLVANIA STATION IN MANHATTAN





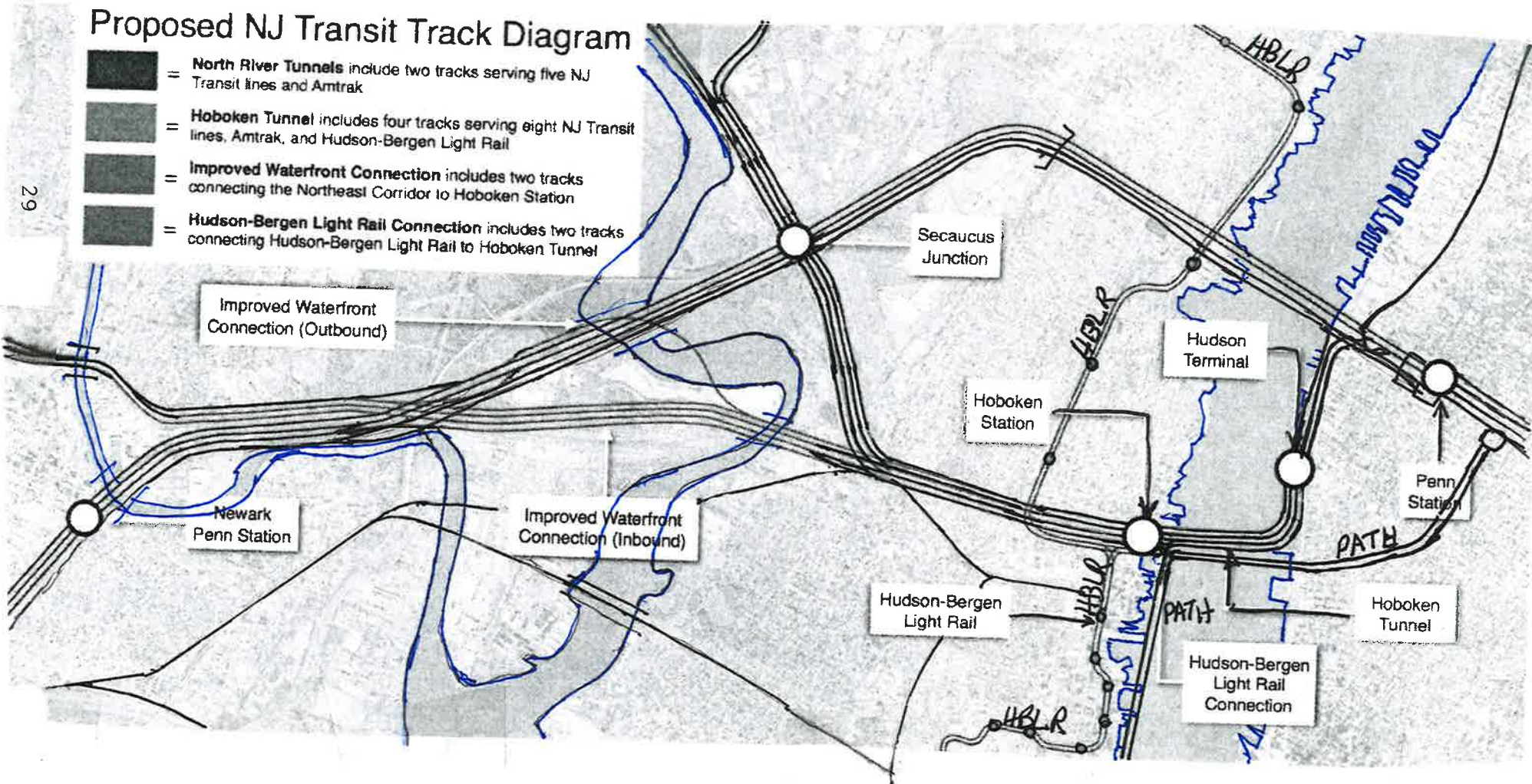
PROPOSED ROUTE FOR THE GATEWAY PROJECT NEW RAILROAD TUNNEL INTO PENNSYLVANIA STATION



Gateway Project Route from Amtrak's Presentation Materials

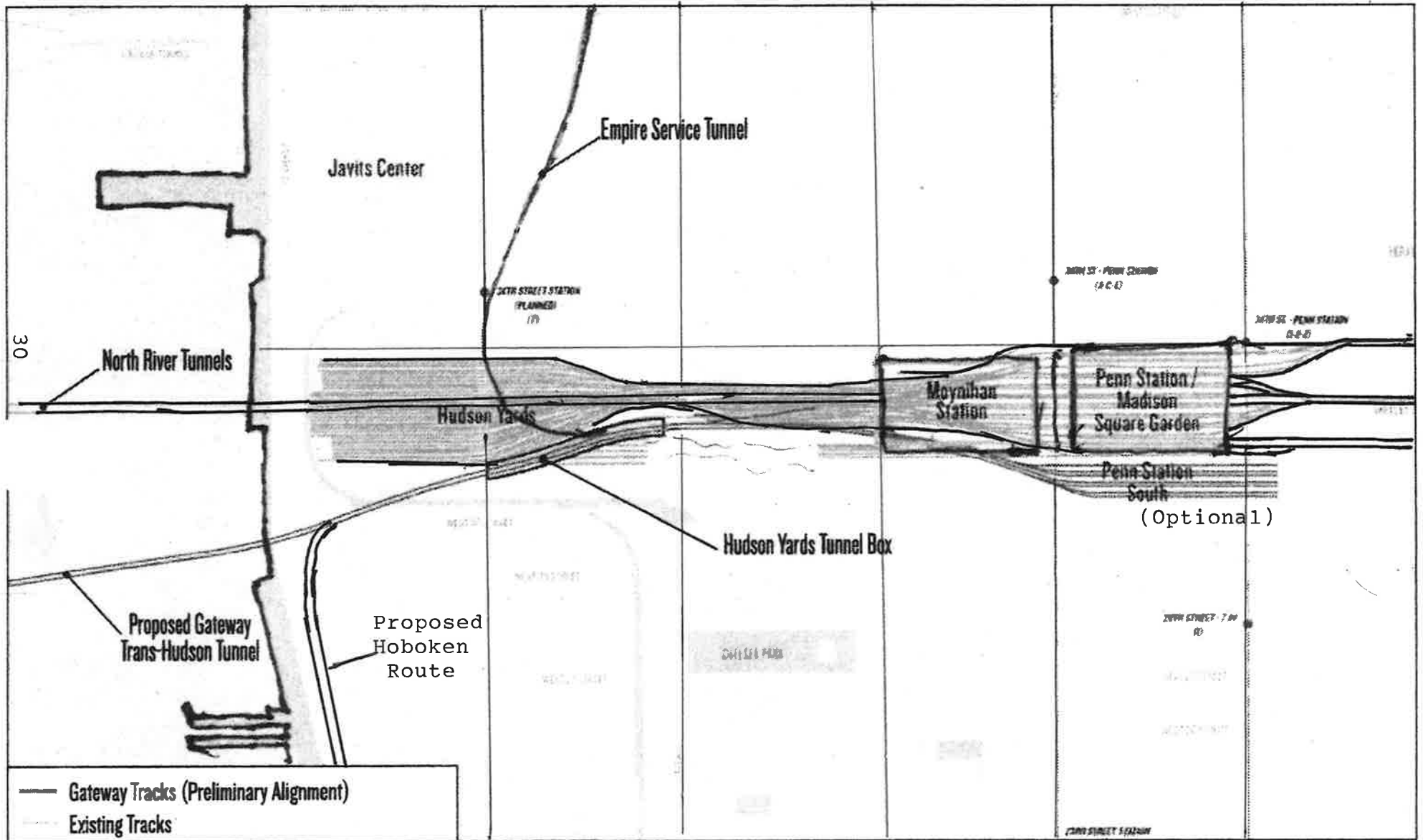


PROPOSED TRACK CONFIGURATION OF THE NEW JERSEY TRANSIT COMMUTER RAIL SERVICE TO MANHATTAN





EXISTING AND PROPOSED TRACK CONFIGURATION OF THE PENNSYLVANIA STATION AREA IN MANHATTAN TO SERVICE AMTRAK INTERCOTY AND NEW JERSEY TRANSIT AND LONG ISLAND RAILROAD COMMUTER TRAINS



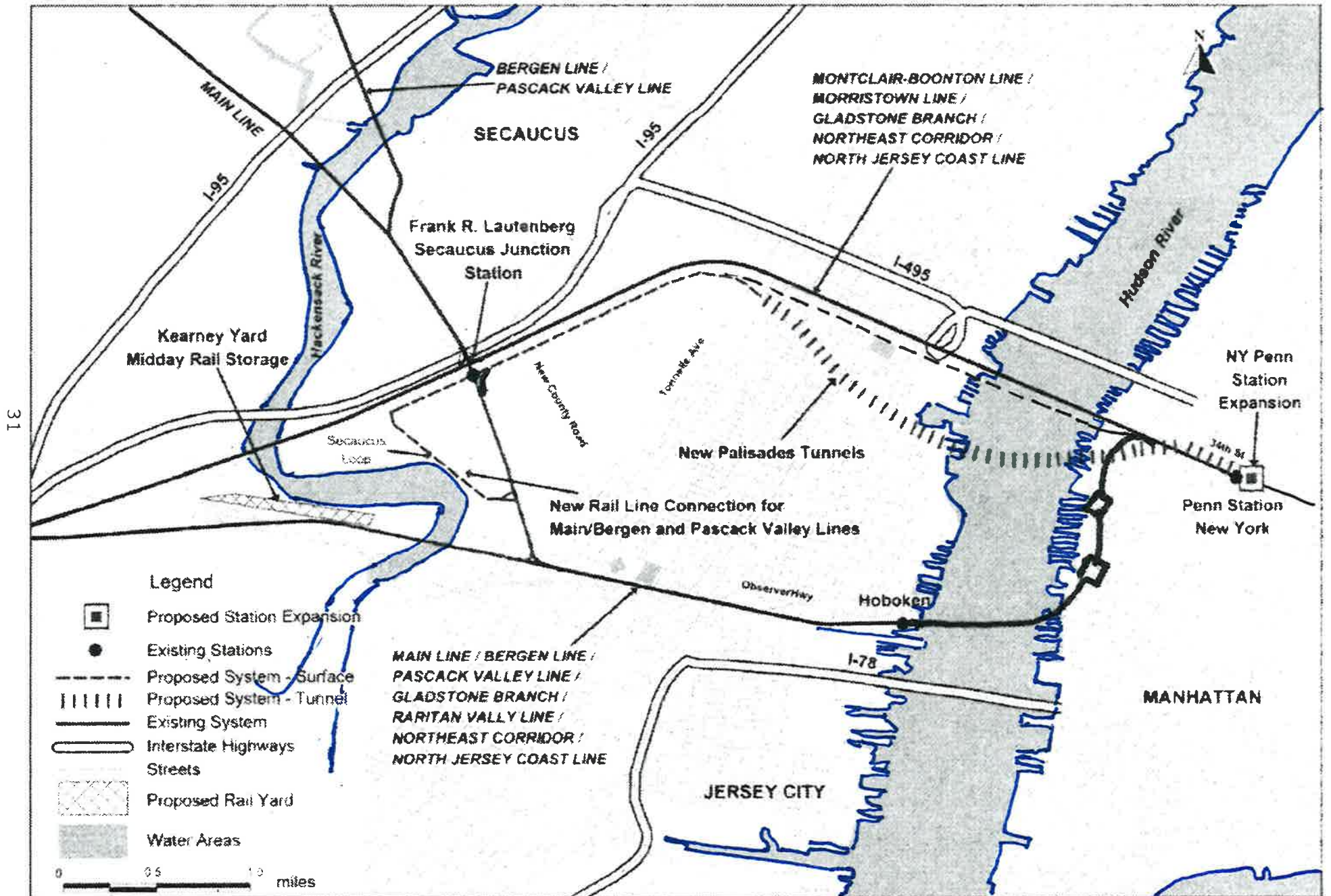
The Gateway Project in West Midtown (Preliminary Alignment)<sup>24</sup>

Data Source: New York Department of City Planning Map PLOT8 (Cvt. Amtrak)

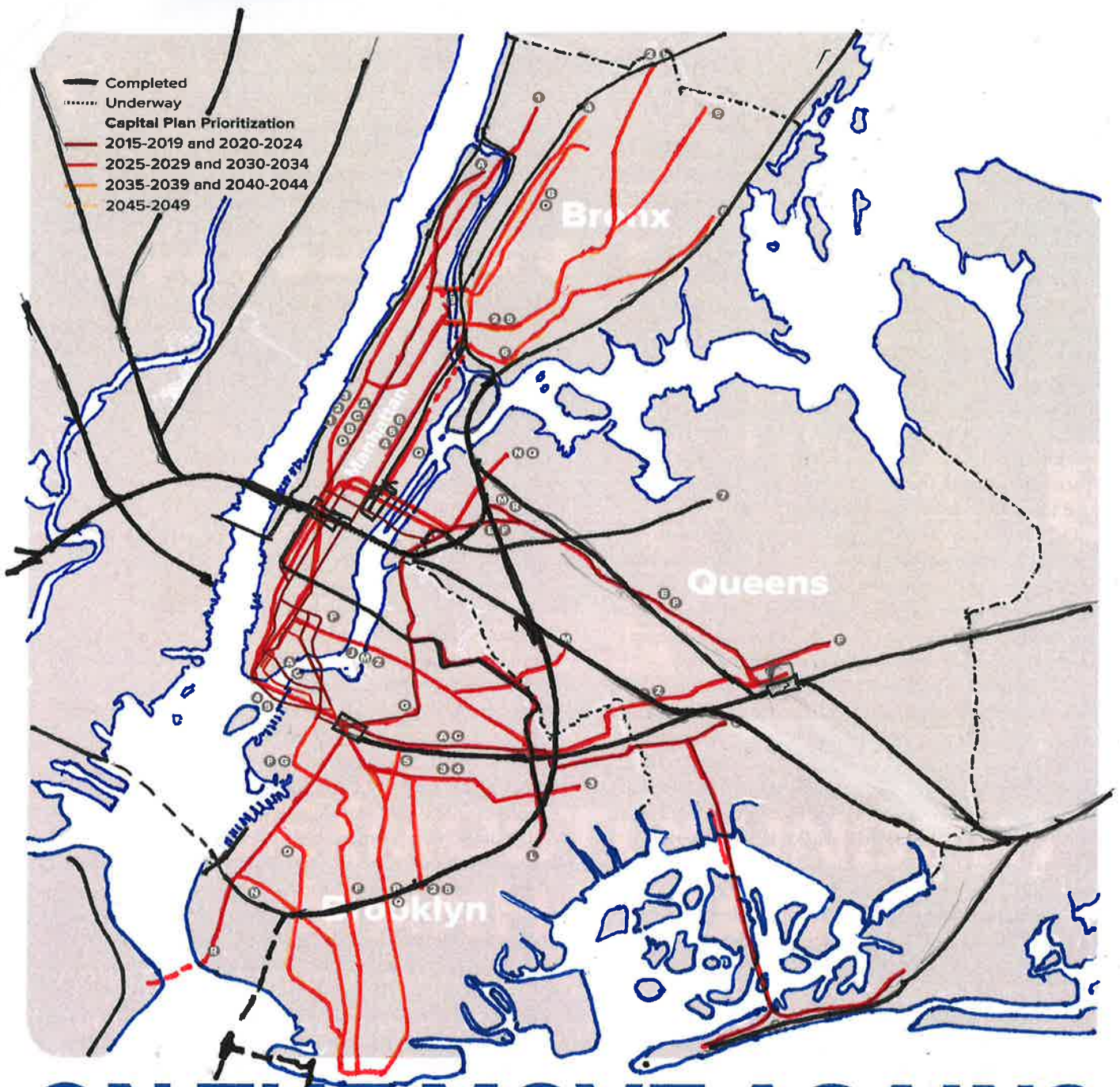




EXISTING AND PROPOSED COMMUTER AND AMTRAK INTERCITY RAILROAD LINES IN NEW JERSEY ACCESS







# ON THE MOVE AGAIN?

The market for communications-based train control may be expanding in North America as transit agencies other than NYCT seek to improve their technology.

By WILLIAM C. VANTUONO, Editor-in-Chief

**W**hen a field is brown, it generally means that it is an old, dry place, with limited prospects for revitalization. However, for North America's rail transit agencies and the key suppliers that provide signaling and train control—Siemens Mobility, Thales Transportation, Alstom Transport, Bombardier Transportation, Ansaldo STS USA—"brownfield" (as opposed to "greenfield") represents the best, perhaps only, opportunity to make the move to CBTC.

While New York City Transit will always be the biggest, brightest brownfield (see map, above), and the New York/New Jersey PATH CBTC system is undergoing installation (after delays caused by Superstorm Sandy damage), Philadelphia's SEPTA, Chicago's CTA, Boston's MBTA, Toronto's TTC, and San Francisco's BART are among the agencies going with CBTC upgrades or at least thinking about them.



ROUTE LOCATIONS OF THE NORTHEAST CORRIDOR AND DELMARVA PENINSULA RAIL LINES



-  High Speed Rail
-  Peripheral Line
-  Delmarva Corridor
-  Intermodal Truck Haul Rail Line