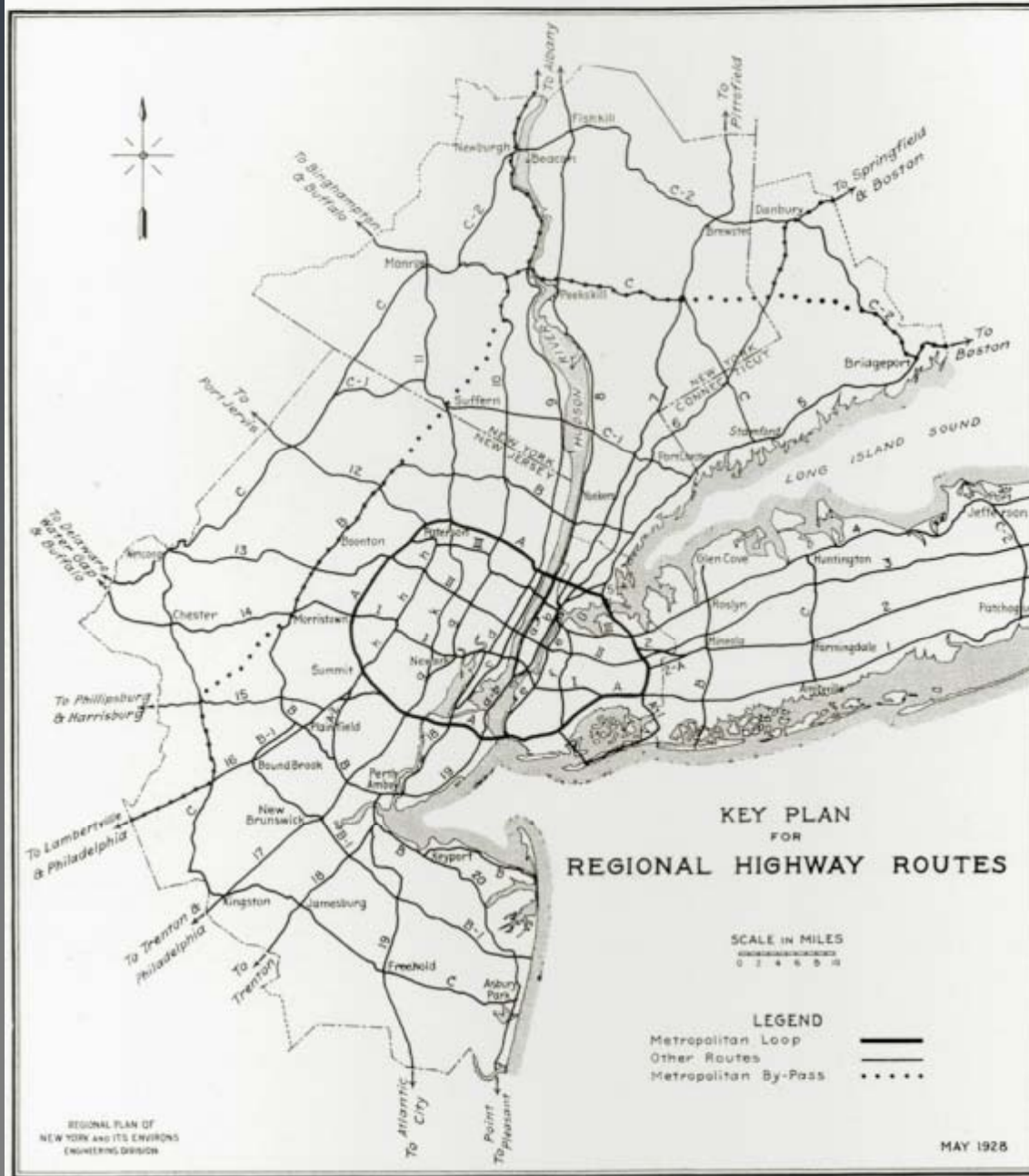




*Prepared by the Staff of the  
Regional Plan*

## THE REGIONAL HIGHWAY SYSTEM



# THE SECOND REGIONAL PLAN

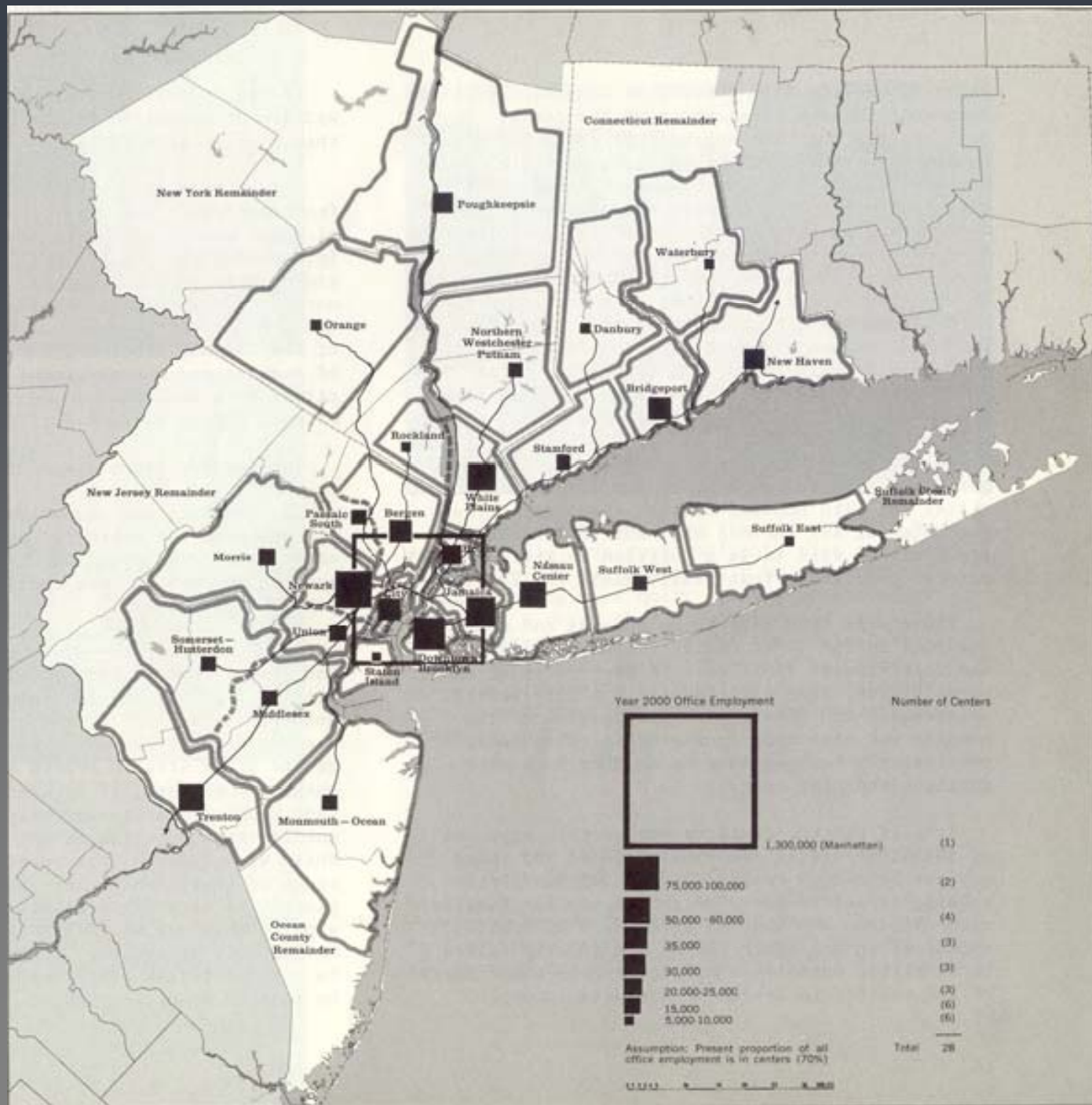
a draft for discussion

Regional Plan Association

November 1968



Regional  
**Plan**  
Association  
NY • NJ • CT

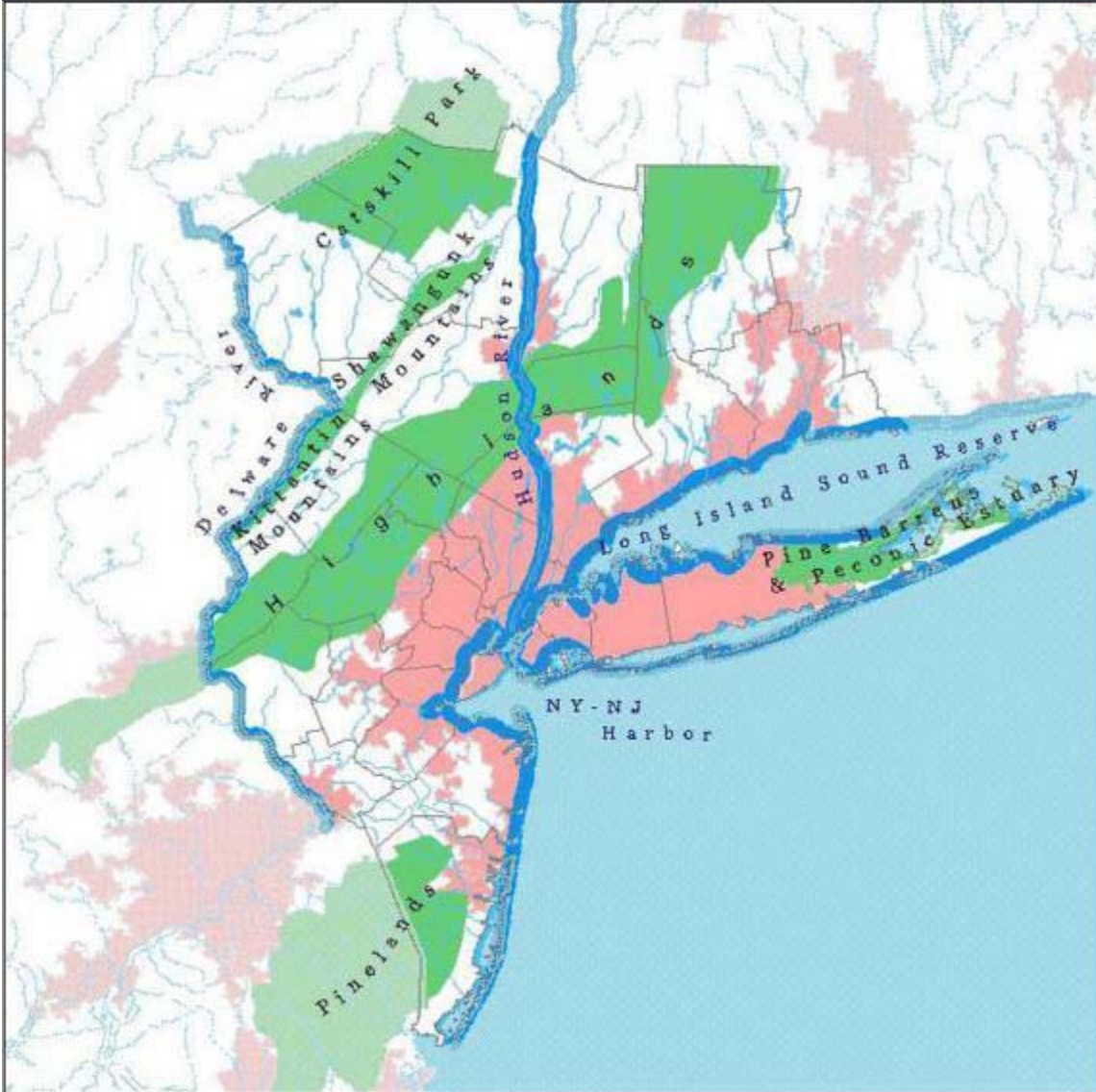


# A Region at Risk

THE THIRD REGIONAL PLAN FOR  
THE NEW YORK-NEW JERSEY-CONNECTICUT  
METROPOLITAN AREA



ROBERT D. YARO AND TONY HISS  
REGIONAL PLAN ASSOCIATION



- **Greensward:**  
A 3-million acre network of protected natural resource systems
- **Mobility:**  
A seamless 21st century mass transit system
- **Centers:**  
Maintaining half the region's employment in urban centers
- **Workforce:**  
Assisting minority and immigrant communities to fully participate in the economic mainstream
- **Governance:**  
Restructuring institutions and fiscal incentives



## Mobility

- **New Hudson River Rail Tunnel**
- **\$6 - \$8 Billion, 9 years**
- **Four Borough Second Avenue Subway (MetroLink)**
- **\$12 - \$15 Billion, 12 years**
- **East Side Access**
- **\$5.7 Billion, 10 years**

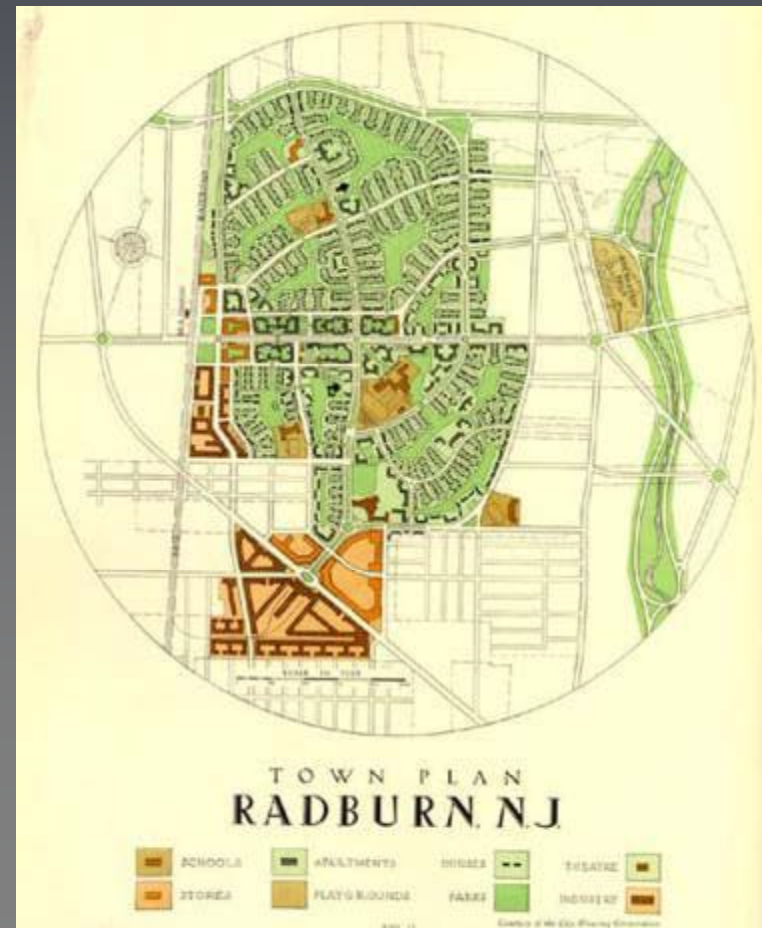
# Greensward

Preserving critical landscapes that provide public drinking water and shelter the region's most critical biological, recreational and scenic resources.

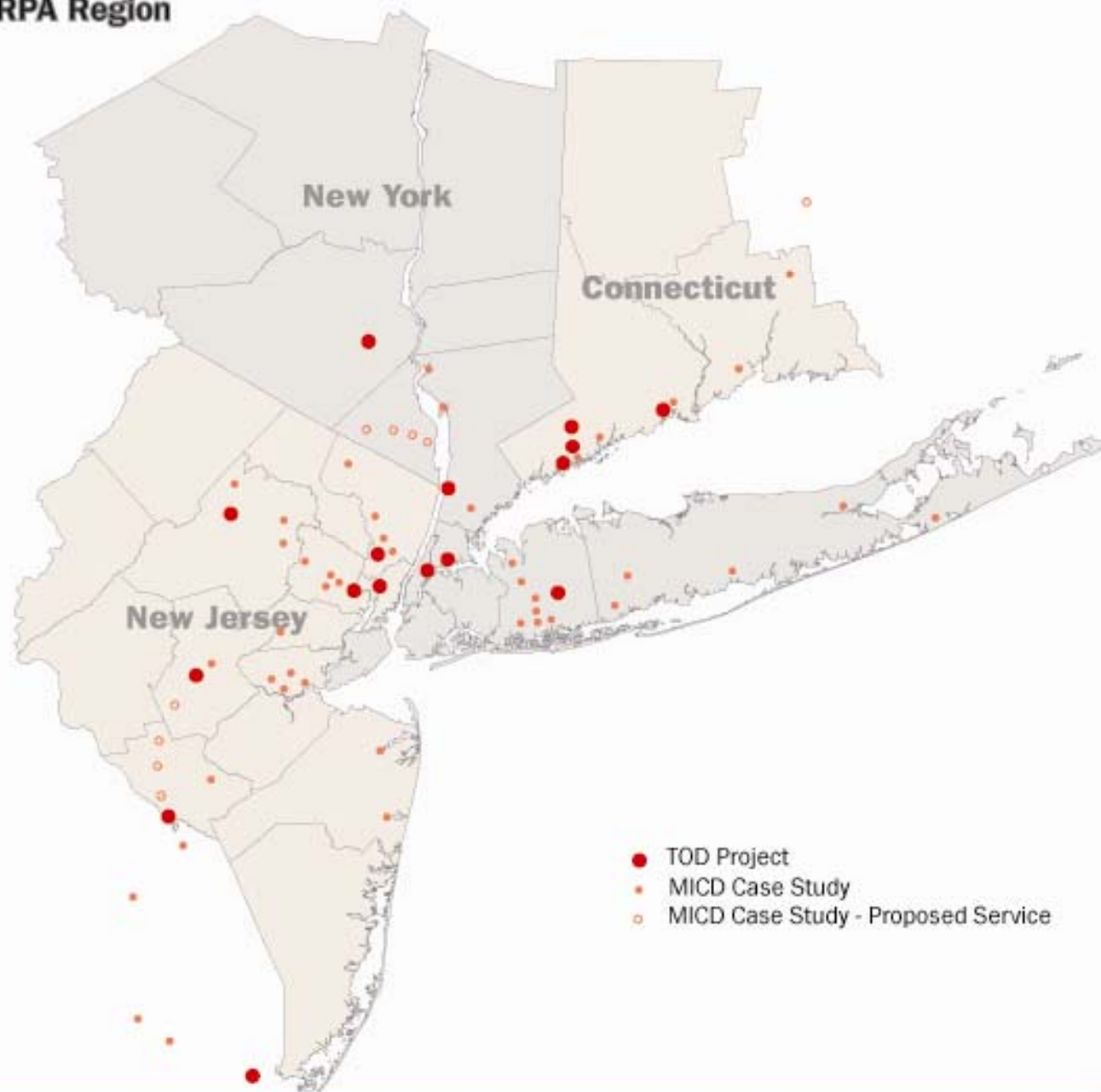


# Centers

- Strengthen the Region's Central Business District
- Invest in 11 Regional Downtowns
- Create Transit-Friendly Centers
- New Institutions and Uses in Centers

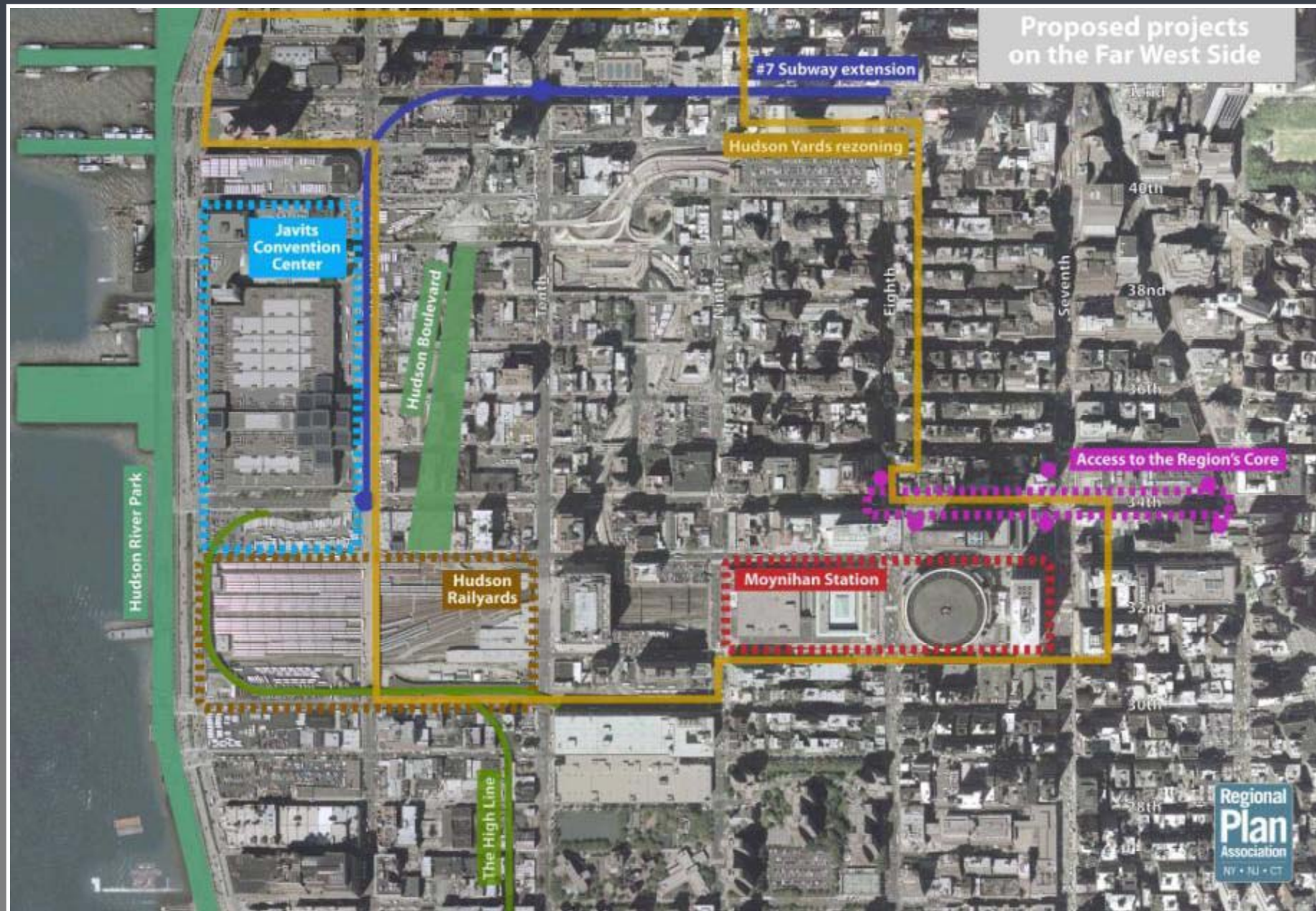


## RPA Region













Dec.  
2004

# Urban Development Alternatives for the Hudson Rail Yards



Regional <sup>NY CT</sup> **Plan** Association

Regional  
**Plan**  
Association  
NY • NJ • CT



By 2010, New York will have added a population the size of Salt Lake City. By 2015, our temperatures will have risen by half a degree. By 2020, 40% of our power plants will be more than 50 years old. By 2025, more than 2 million people will live more than 10 minutes from a park. **By 2030, will you still love New York?**

**It's up to you.**

**plan**NYC

In a recent speech in Queens, the Mayor challenged us to imagine the city in 25 years—the city we want to leave our children.

Only five years ago, that would have been unimaginable. After 9/11, we weren't even sure what the next day would hold. But today is different. Today our city is stronger than ever. What we've achieved has been nothing short of extraordinary.

**We should be proud.  
But we should not become complacent.**

It would be easy to sit back and enjoy what we've done. To let somebody else worry about the future.

But that's not how New York became great. Previous generations looked ahead and imagined how their city would grow. They built subways through farmland and established a Central Park far from the heart of the city. They constructed water tunnels that could serve many millions—when our city was still a fraction of that size. Those New Yorkers delivered for us.

**Now it is our turn.**

By 2030, our city will add nearly one million more people. We'll be relying on infrastructure networks completed nearly a century ago. And we'll face an increasingly unpredictable environment.

**It is time to PLAN again  
for New York City's future.**

**It is our city.**

**It is our responsibility.**

**And it is our choice.**

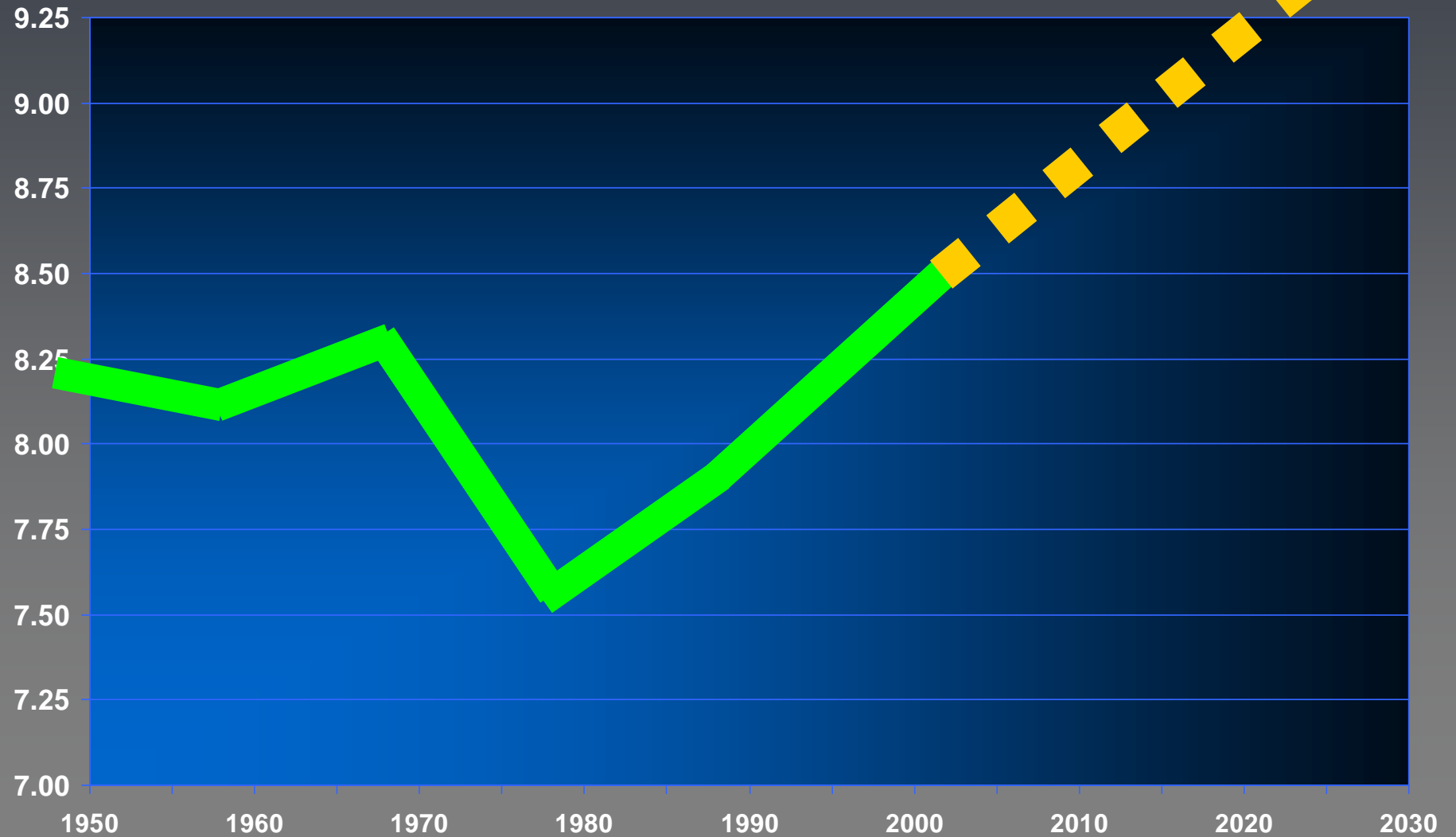
*The Mayor's Sustainability Advisory Board  
December 2006*

Verrazano-Narrows Bridge

Regional  
**Plan**  
Association  
NY • NJ • CT

# New York City Population Growth

millions



Source: US Census Bureau and NYC Department of City Planning, Population Division

A lot can  
change in  
25 years.

The New York of 1961 is almost unfathomable today. As our city faced near-bankruptcy, basic services—like schools, safety, and sanitation—deteriorated. A graffiti-covered subway car, tenement housing by landlords, and the seamy streets of Times Square became national symbols

of urban blight. And our population plummeted.

Since then, almost everything—except our city's essential magic—has changed. We are the safest big city in the United States—and one of the greenest, too. Our economy is strong. We have some of the best schools

and the cleanest streets. And our population has soared.

But success brings its own challenges. Now we are ready to launch the next phase of creating a stronger city for all New Yorkers: addressing the physical barriers to maintaining and improving our quality of life.

To sustain the city we love today, we must begin planning for tomorrow. We invite you to explore the changes ahead—and join us in shaping the future.

The solutions won't be easy. They'll require smart investments, tough choices, and creative thinking.

**Together, we can create a sustainable city, leaving our children and grandchildren the New York they deserve.**

By 2030, nearly  
9 million more  
people will live  
in New York.

## The top three things you should know about New York over the next 25 years

### 1 We will be getting BIGGER. (Much bigger)

Our spectacular recovery has catapulted our population to a record high—8.2 million. By 2030, more than nine million people will live in New York. We'll also be adding three quarters of a million new jobs and millions more visitors. If we're not careful, this growth could result in overdevelopment, but it can also generate tens of billions of dollars that can be reinvested in our city. We can preserve the character of our neighborhoods and continue to welcome newcomers from around the world—if we plan now.

Together we can

**openNYC**

### 2 Our infrastructure will be getting OLDER. (And it's pretty old to begin with)

We've seen during power outages or train delays what happens when our infrastructure fails—and it's not getting any younger. We developed our subway signaling technology before the 1940s. We finished the city's two water tunnels by 1936. We built our energy grid during the 1920s. Not only is old infrastructure less efficient and more polluting—it is at a greater risk of breakdown. We can ensure a more reliable, dependable city—if we plan now.

Together we can

**maintainNYC**

### 3 Our environment will be AT RISK. (And that's not a risk worth taking)

New York is one of the world's most environmentally-efficient cities. Our air and water haven't been this clean since the 1800s. But our air still fails to meet federal standards and thousands of acres of land remain severely polluted, often in neighborhoods least able to handle it. We also face the growing impact of climate change. Hotter temperatures, intensified storms, and rising sea levels cannot be ignored. We can protect, preserve, and renew our city—if we plan now.

Together we can

**greenNYC**

## NEW YORK CITY TIMELINE



1811 STREET GRID  
PLAN OF MANHATTAN  
(1811)



1858 PARK  
DESIGN FOR CENTRAL PARK  
(1858)



1901 FIRST  
SUBWAY CAR  
(1901)



1931 EMPIRE STATE  
BUILDING  
(1931)

1963 NEW YORK CITY  
DEPARTMENT OF  
ENVIRONMENTAL  
CONSERVATION  
(1963)

## Now is **our** moment to make a difference in the future of our city

Throughout our history, there have been key moments when New Yorkers looked forward and took bold steps to prepare our city for its future.

The street grid plan of 1811 plotted out room for a million people—more than 10 times Manhattan's population at the time. In 1858, we unveiled plans for a Central Park devoted to the people—even though most New Yorkers still lived a mile away. Starting in 1901, we began building one of the world's largest subway systems when our city was mostly still farmland and fields. And 50 years ago, we transformed a golf course into the international aviation hub of the United States through the construction of JFK International Airport.

**Now is **our** moment—and we need your help.**

There are many ways to get involved.

Visit our website [www.nyc.gov/planyc](http://www.nyc.gov/planyc). Here you can learn more about each goal and share your ideas on how to reach them.

If you can't log on, **send us a letter.**

Look for a **town hall meeting** in your borough.

And most importantly, **tell your family and friends** so we can hear from them, too.

All of New York has a stake in this discussion—because every New Yorker will experience its impact.

And over the next three months, these ideas—your ideas—will shape a plan to secure our city's sustainable future.

**plan**NYC

Visit [www.nyc.gov/planyc](http://www.nyc.gov/planyc)

Design: The New York Times

## Ten goals for creating a sustainable city over the next 25 years

### openNYC

- 1 Create homes for almost a million more New Yorkers, while making housing more affordable and sustainable
- 2 Improve travel times by adding transit capacity for millions more residents, visitors, and workers
- 3 Ensure that all New Yorkers live within a 10-minute walk of a park

### greenNYC

- 7 Reduce global warming emissions by more than 30%
- 8 Achieve the cleanest air of any big city in America
- 9 Clean up all contaminated land in New York City
- 10 Open 90% of our waterways for recreation by reducing water pollution and preserving our natural areas

### maintainNYC

- 4 Develop critical back-up systems for our aging water network to ensure long-term reliability
- 5 Reach a full "state of good repair" on New York City's roads, subways, and rails for the first time in history
- 6 Provide cleaner, more reliable power for every New Yorker by upgrading our energy infrastructure

**Together we  
can make the  
New York of 2030  
cleaner, healthier,  
more reliable, and  
more sustainable  
than the city  
we love today.**



## A GREENER, GREATER NEW YORK



The City of New York  
Mayor Michael R. Bloomberg



### Land

- Create homes for almost a million more New Yorkers, while making housing more affordable and sustainable
- Ensure that all New Yorkers live within a 10-minute walk of a park
- Clean up all contaminated land in New York City



### Energy

- Provide cleaner, more reliable power for every New Yorker by upgrading our energy infrastructure



### Transportation

- Improve travel times by adding transit capacity for millions more residents, visitors, and workers
- Reach a full "state of good repair" on New York City's roads, subways, and rails for the first time in history



### Climate change

- Reduce our global warming emissions by 30%



### Water

- Open 90% of our waterways for recreation by reducing water pollution and preserving our natural areas
- Develop critical backup systems for our aging water network to ensure long-term reliability



### Air Quality

- Achieve the cleanest air quality of any big city in America



## Land

- Create homes for almost a million more New Yorkers, while making housing more affordable and sustainable
- Ensure that all New Yorkers live within a 10-minute walk of a park
- Clean up all contaminated land in New York City

### Potential Additional Capacity for Residential Growth

- PUBLIC-INITIATED HOUSING  
in pl p/ no
- PRIVATE HOUSING APPLICATIONS  
More than 200 units; in pl p/ no/ pre-application
- NEW HOUSING ON PUBLIC LAND  
More than 200 units; in pl p/ no/ potential
- PLACES OF OPPORTUNITY  
Public or private land use
- WITHIN 1/2 MILE OF GREEN SPACE







# PROGRESS REPORT 2009

A GREENER, GREATER NEW YORK



The City of New York  
Mayor Michael R. Bloomberg

# Top Achievements

Progress toward PlaNYC goals since April 2007

	21 transit-oriented rezonings with inclusionary zoning approved or in pipeline
	91 schoolyards opened or under renovation through Schoolyards to Playgrounds Initiative
	174,189 trees planted by March 2009
	NYC Office of Environmental Remediation opened
	20 stormwater retention pilot projects launched
	Over 13,500 acres of land acquired to protect our upstate water supply
	31 state-of-good repair projects begun, leveraging \$261 million in Federal stimulus funding
	141 miles of bike lanes and 2,011 new bike racks installed
	76,751 City parking placards reduced
	64 responses received to the City's renewable energy request for expressions of interest
	224 energy efficiency projects on City government buildings begun
	15% of the yellow taxi fleet converted to hybrid vehicles
	327 tons of NOx per year saved due to retrofits to Staten Island Ferry fleet
	56% initiated or proposed GHG reductions needed to reach citywide target
	42% of Department of Environmental Protection methane emissions reduced

2009 MILESTONE UPDATES	PERCENT OF TOTAL
35 milestones complete	28%
50 milestones on time	39%
35 milestones delayed	28%
7 milestones redirected*	5%

\* Redirected - 2009 milestones not achieved as efforts redirected to achieve same or similar outcome

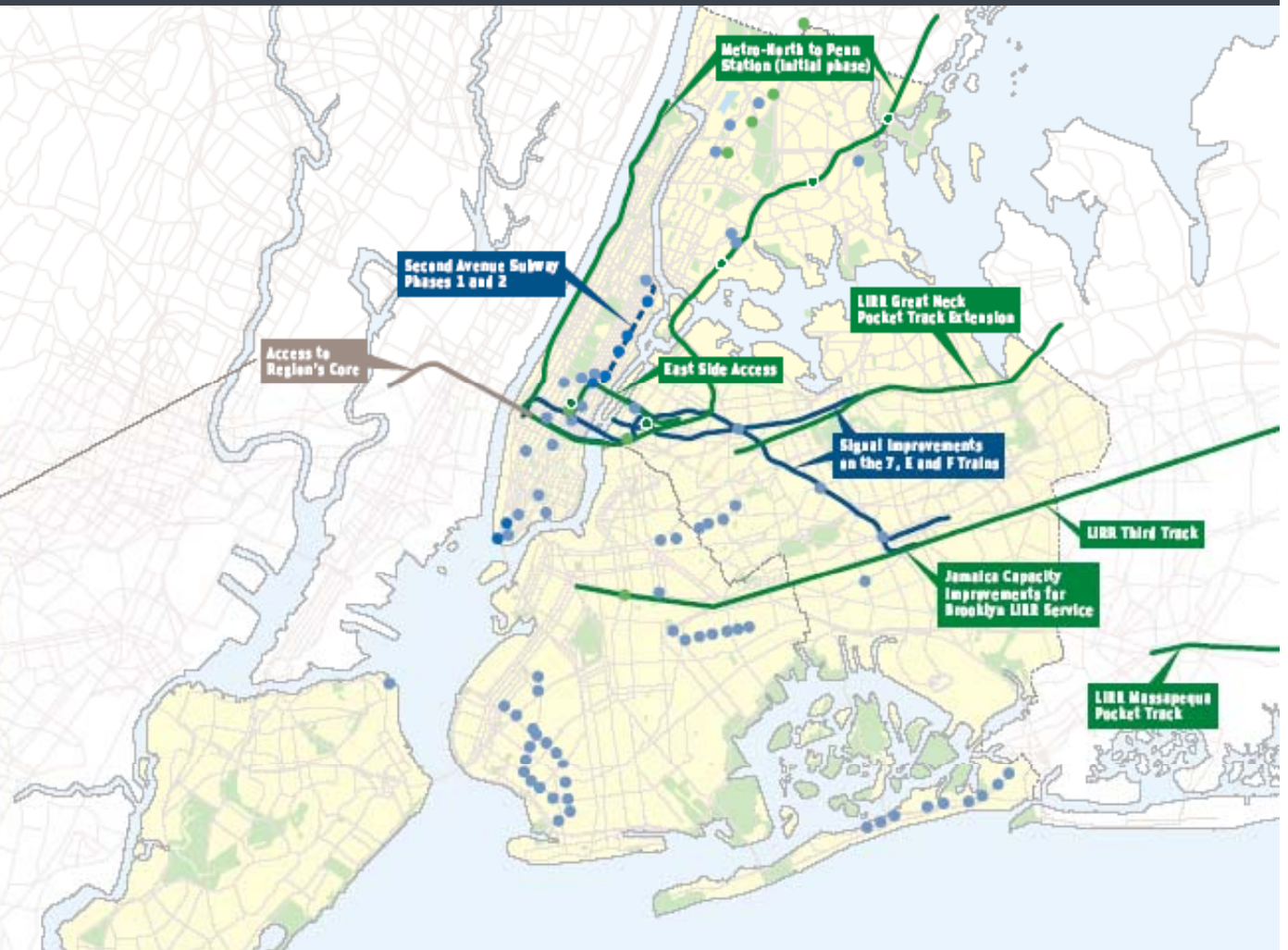
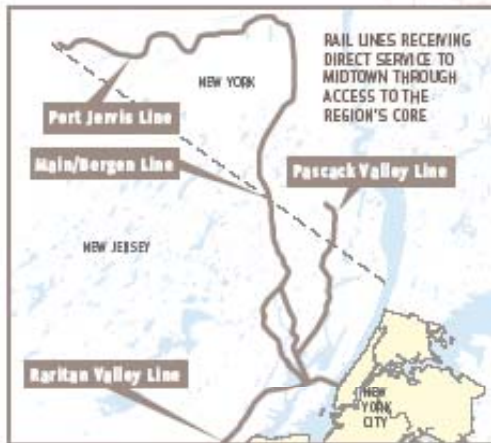


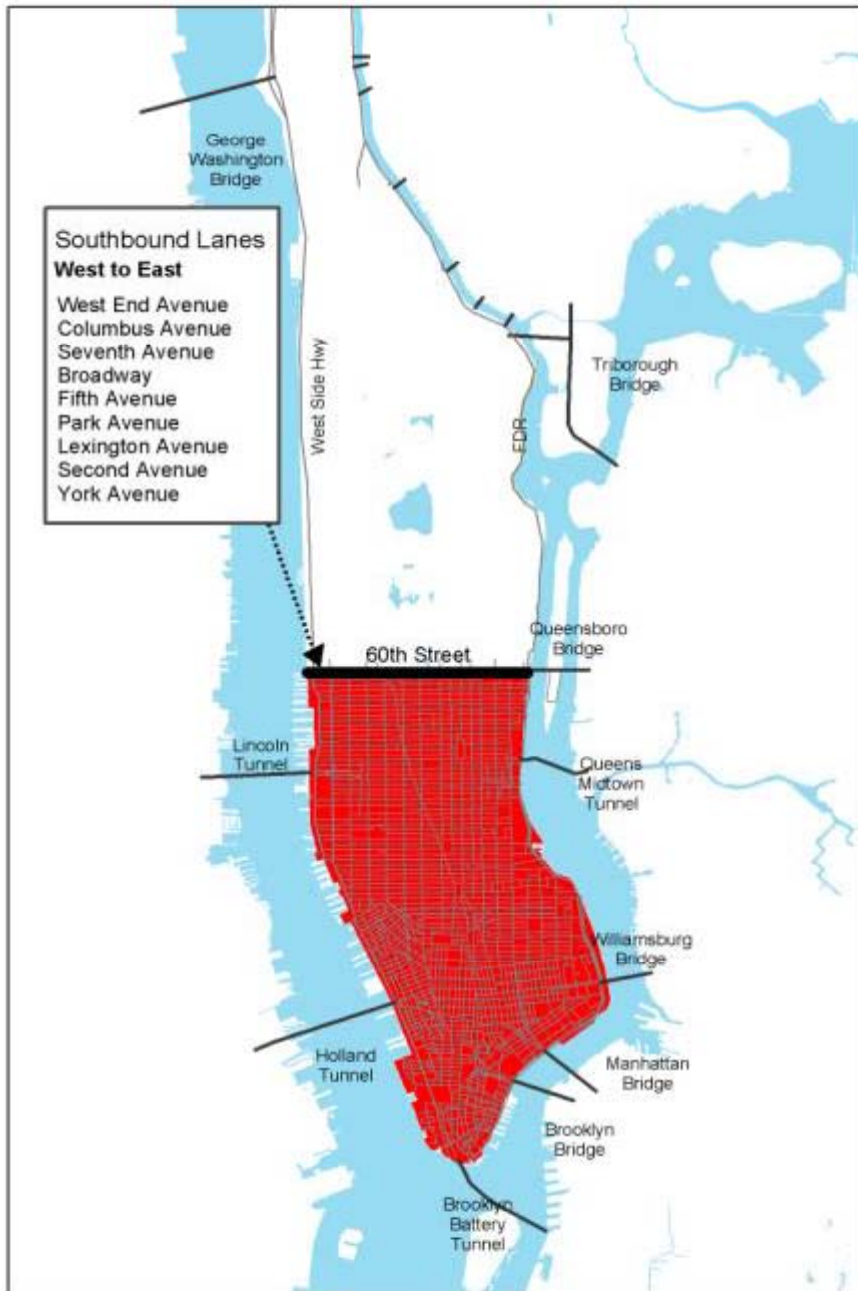
**planNYC** A GREENER, GREATER NEW YORK

## Transit Improvements in MTA and Port Authority Capital Plans Selected Projects

- MTA NEW YORK CITY TRANSIT
- MTA COMMUTER RAIL
- PORT AUTHORITY/NJ TRANSIT

- NEW SUBWAY STATION
- SUBWAY STATION UPGRADES
- NEW COMMUTER RAIL STATION
- COMMUTER RAIL STATION UPGRADES





## Current Situation

- East River: 2 tolled tunnels (MTA) and 4 free bridges (NYC)
- Hudson River: 2 tolled tunnels (Port Authority of NY & NJ)
- 60<sup>th</sup> Street: 11 free entries (NYC)

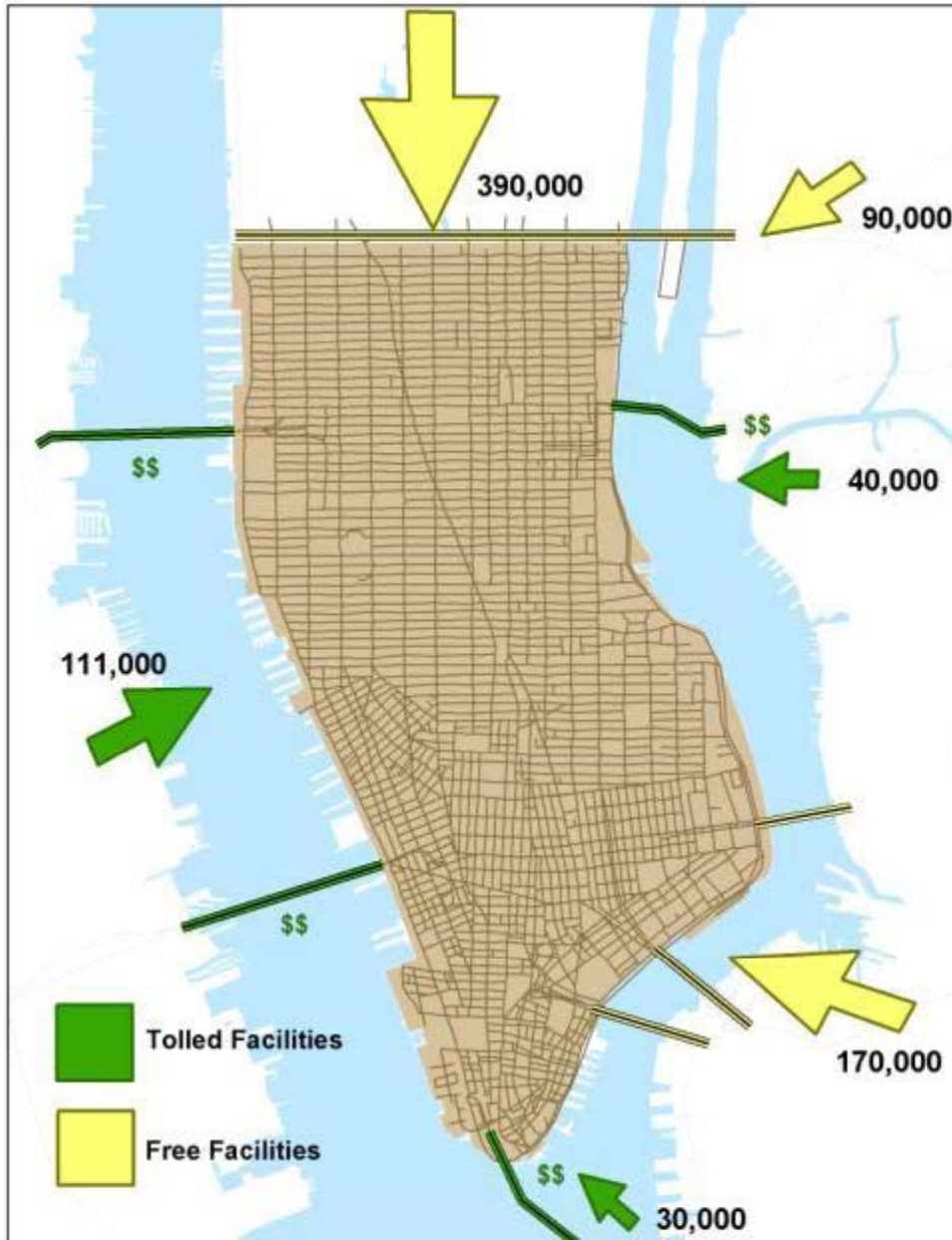
# Current Situation

828,000 vehicles

78% enter for free

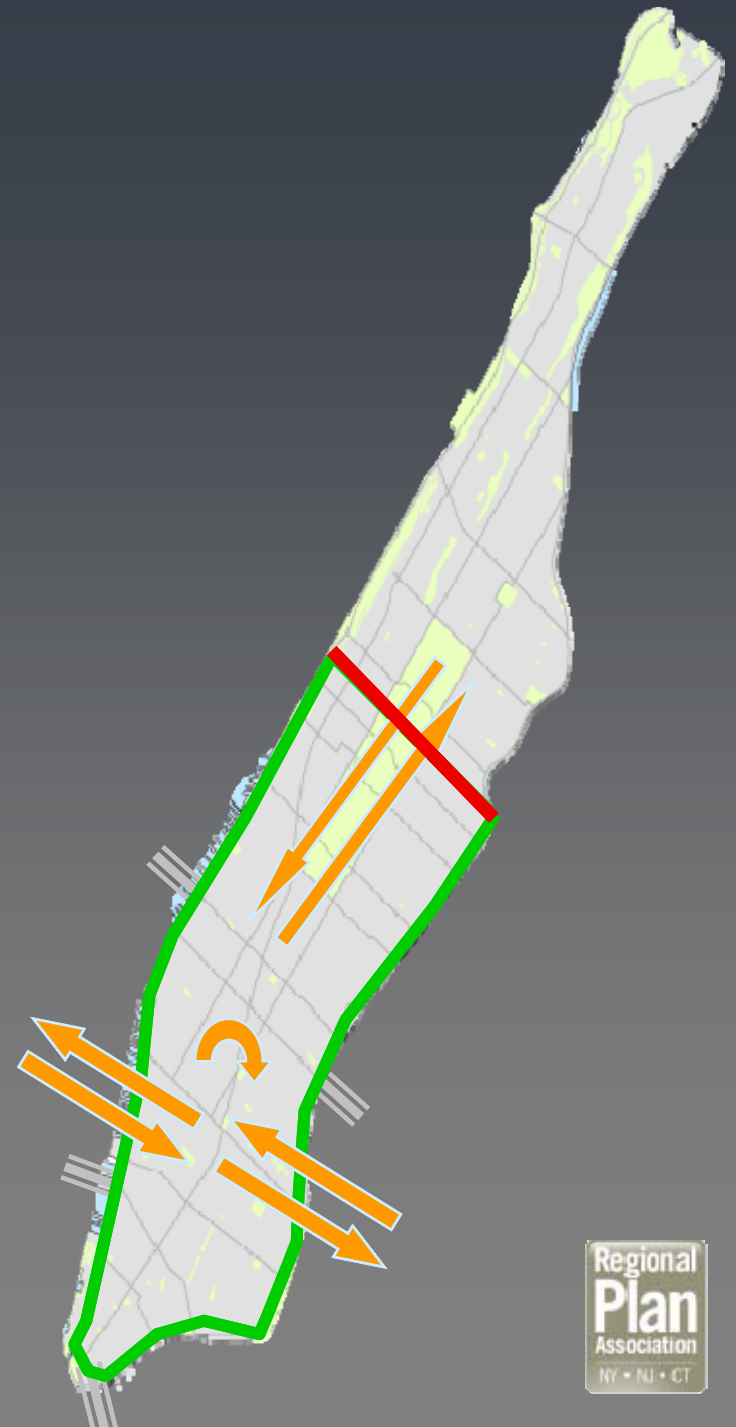
390,000 from north

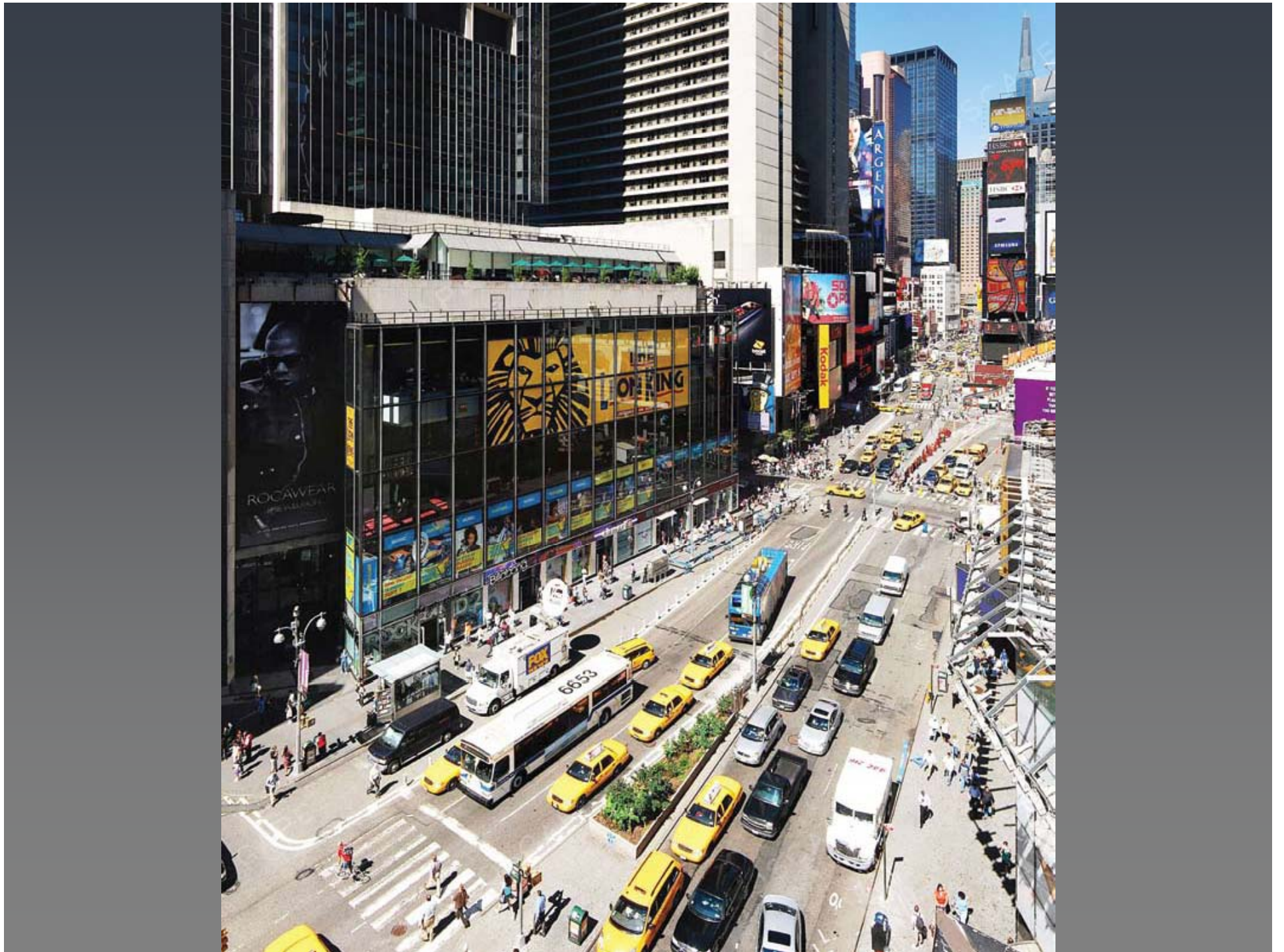
260,000 from east



- 6.7% VMT reduction
- \$224m capital cost
- \$649m gross revenue (annual)
- \$229m operating costs
- \$420m net revenue

- 86<sup>th</sup> Street northern boundary
- Free periphery
- Intra-zonal charge
- Inbound and outbound charge









## **Greening Mass Transit & Metro Regions:**

A Synopsis of the Final Report  
of the Blue Ribbon Commission  
on Sustainability and the MTA



**Metropolitan Transportation Authority**  
State of New York



## World Class Streets:

Remaking New York  
City's Public Realm







# Lessons Learned

- **Climate Change Changes Everything**
- **The Public Will Support Big Ideas – If You Back Them Up With Action**
- **A Few Big Ideas Make It Easier To Get the Smaller Ones Done**



