

Bus Congestion on the West Side of Manhattan

•Hudson Yards Economic Impact

- **~120,000 direct jobs (and potential for another 120K of indirect jobs)**
- **~\$60B of tax revenue to the State and City (over 30 years)**
- **26 million SF of Class A office space**
 - 3-4x the office space that exists at Rockefeller Center
 - More than 65% of NYC's existing Class A office space in 2011 is more than 50 years old
- 20,000 units of housing
- 3 million SF of hotels
- 2 million SF of retail
- 750 seat school
- 15+ acres of new parks and public open space

2014-2030: Creating Jobs in NY and a new mixed use district on the West Side of Manhattan

30% of the workforce lives in New Jersey

**Increased Demand and
Declining Capacity in
Cross-Hudson Bus Transportation**

Buses on Manhattan West side

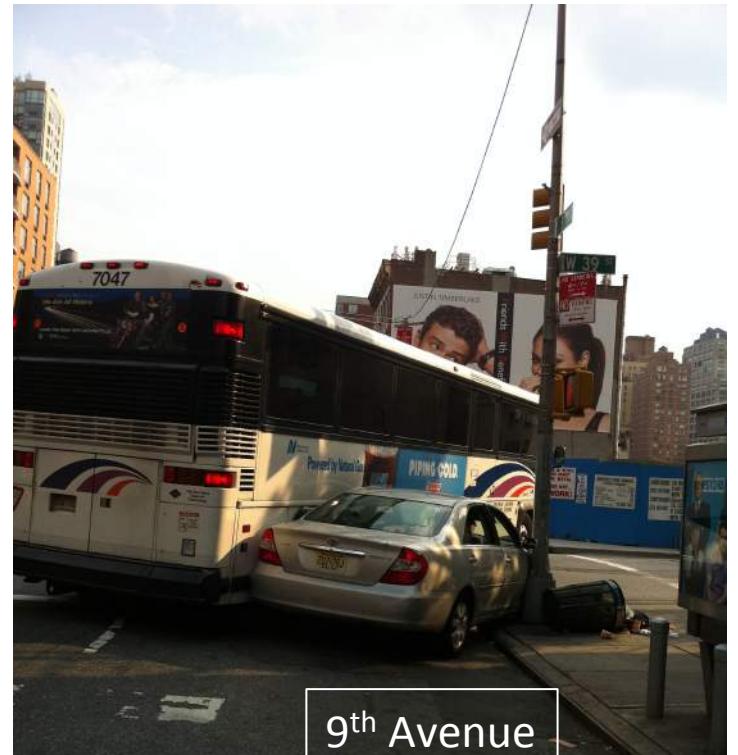
- Over 8,000 bus trips daily bring 350,000+ commuters, long distance travelers and tourists to the West Side of Manhattan causing negative health impacts, safety and traffic congestion.
- The Hudson Yards development is rapidly shrinking the capacity to handle this volume due to loss of road space, parking lots and suitable curb space and increased volumes of pedestrians.
- The city will require 1,700 more buses to bring workers to the CBDs in and out of Manhattan in the next 20 years (ARC)
- This critical transportation activity conflicts and will eventually impede the development of the district as planned
- How will this problem be alleviated in the near term and resolved in the long term?

Buses on Manhattan West Side

	Tour and Charter Buses	Long Distance Low Cost Buses	Commuter Buses	Commuter Jitneys
Arrivals-Departures /day	580	350	6873	640+
Terminal Location	No Terminal	Curbside 33/ 34 St, 11/12 Av.	Port Authority	Curbside 42 St.
10 Year growth	+12%	+57%	+4.6 %	n/a



Queuing and Idling – Port Authority buses Daily 30th to 40th St. on 10th Avenue



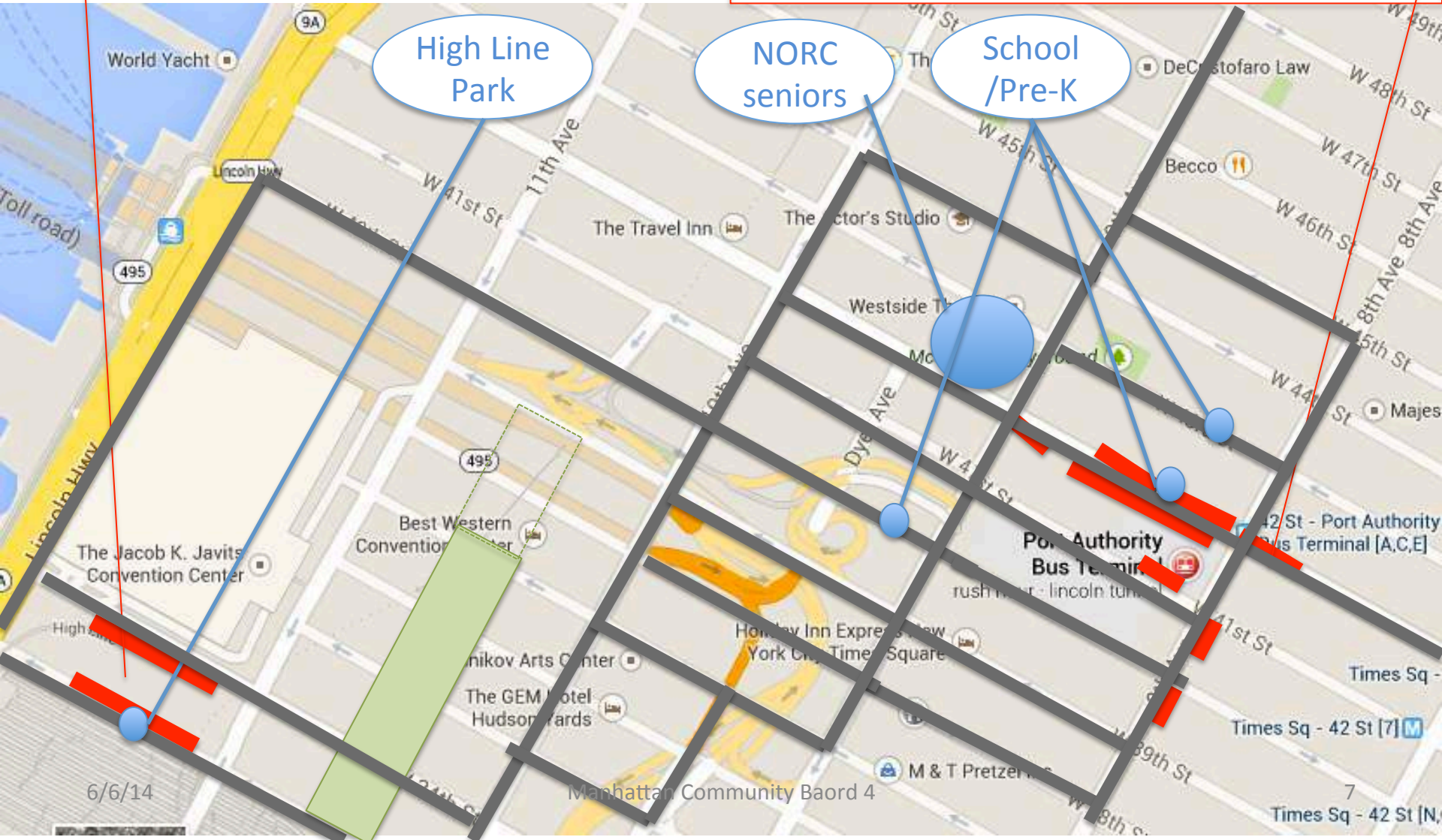
9th Avenue



Megabus +Bolt
350 Arv/Dep./day
+ layover space

Queuing, Idling
Illegal layover

Spanish Trans, Galaxy Towers, Fuji, Three
Aces, Pyramid Express, Academy , Olympia
Trails = 640 Arv/Dep./day
No layover space

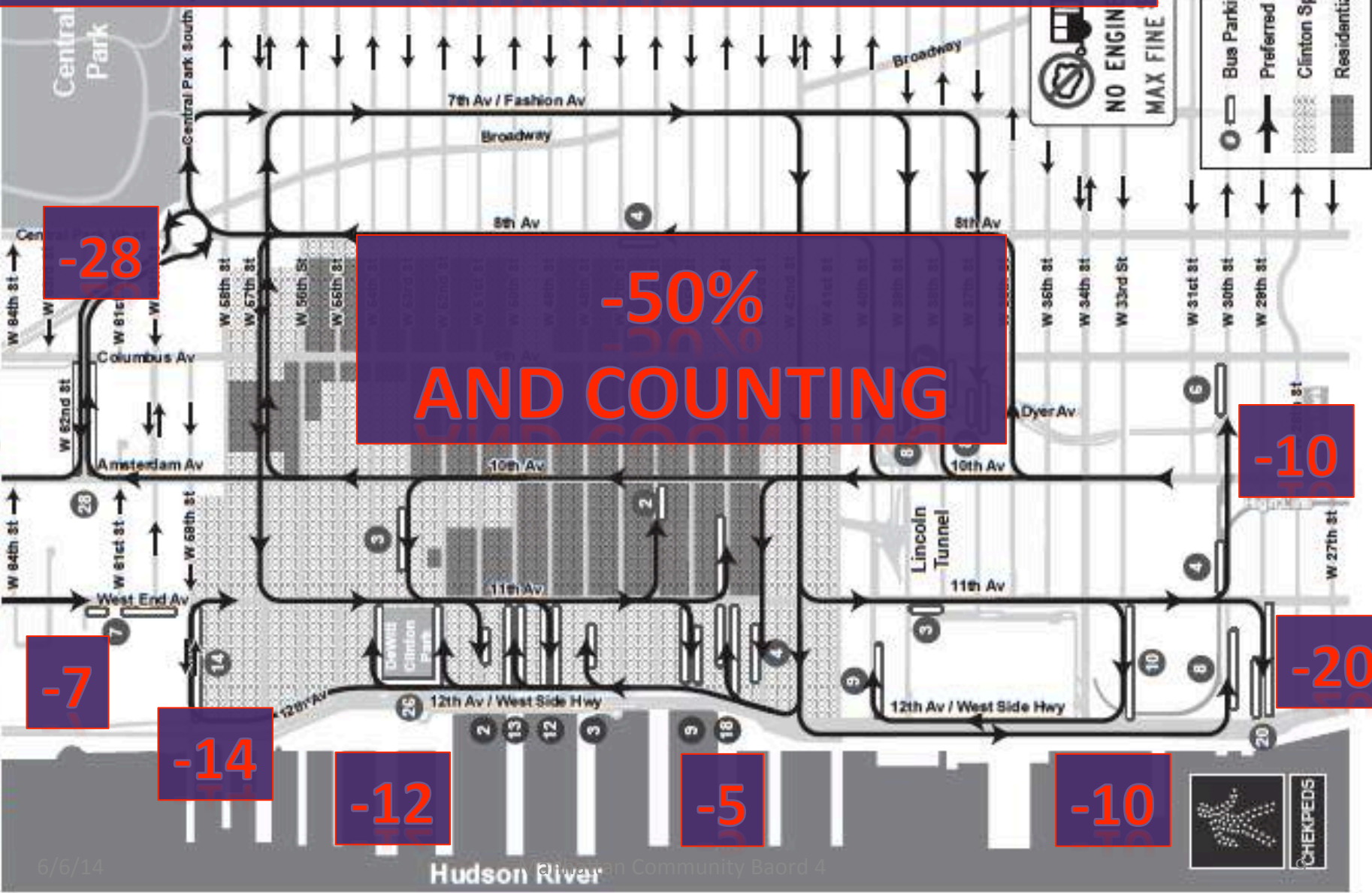


Bus Storage Requirements on Manhattan West Side

	Tour and Charter Buses	Long Distance Low Cost Buses	Commuter Buses	Commuter Jitneys
Arrivals-Departures/ day	580	350	6873	640
Layover Duration	9 hours	2 hours	8 hours	2 hours
On-street Layover Location	curbside 30/50 Streets	33/34 Streets, 11/12 Av.	few parking lots, mostly New Jersey	illegal 38/45 Streets
Peak Hour	3 - 7 pm	3 - 5 pm	4 - 8 pm	4 - 8 pm
Storage capacity required	290	85	1500+	120?

LOSS OF TOUR AND CHARTER BUS PARKING 2010-2014

Preferred Route to Bus Parking Areas



6/6/14

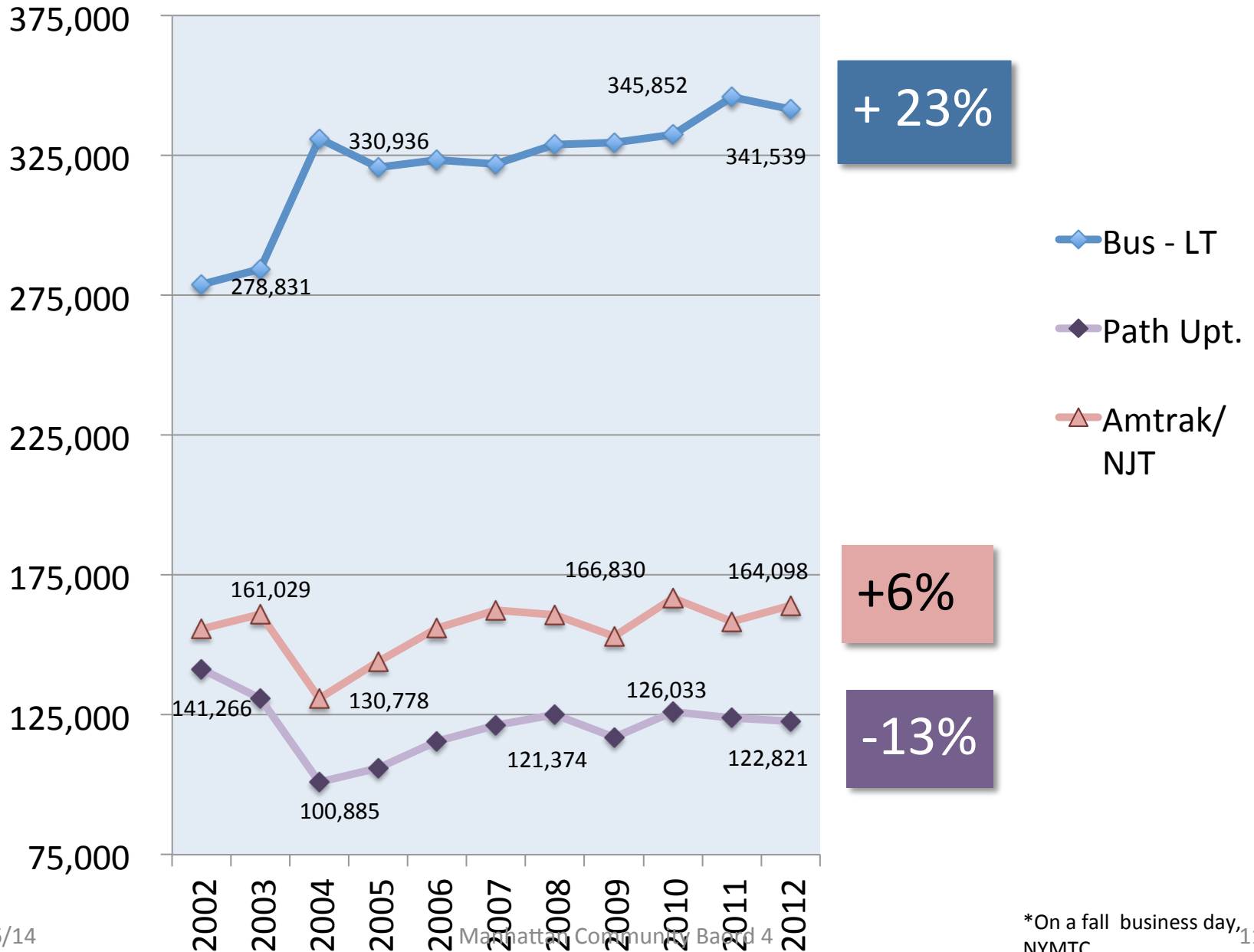




**2,000 buses
parking =
10 blocks
or 15 story garage**

PABT

Total Passengers – Entering and Leaving the Hub Midtown - New Jersey*



Regional Growth 2012/2005

	Population	Employment
New Jersey	+2.8%	-3.56%
New York	+1.8%	+4.62%

Highly Adaptable Local Service



- No infrastructure costs
- Serves residential growth

New Buses Services



Point to point service,
Adjusting to demand
Based on real time usage

A wide-angle photograph of a city skyline at dusk or dawn, with buildings illuminated and a river visible in the distance.

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Expanding CBDs' Economy with rapidly shrinking transportation resources

Hudson Yards
Residential Projects will
reduce existing parking
and available curbside
in the area to

0

Area in top
quartile of
asthma
emergency
room visits for
10-19
old

**parking
demand
exceeds 2000
at peak hour**

Hudson Yards Project
to add 120,000 jobs.
In the city 30% of
jobs are filled by NJ
residents

Job growth higher
in NY, while
population growth
higher in NJ

1,700 buses daily
needed to bring
workers to CBD

We Need Help

- Stakeholders concerns
- Areas of responsibilities
- Short term initiatives
- Long term initiatives
- Next Steps

Documentation

- Video of buses accessing Port Authority Bus Terminal: <http://youtu.be/6m-zO1xVwSk>
- 2010 Tour And Charter Bus study: <http://tinyurl.com/plj5yrz>
- 2009 study of Long Distance Low Cost Buses : <http://tinyurl.com/ld7h2bl>
- Current Map of Curbside Bus Parking: <http://tinyurl.com/kq5c8qr>
- Full Study of # 7 Extension: <http://tinyurl.com/o3x5l6h>
- Presentation: <http://tinyurl.com/omogz73>
- Manhattan CB4 Resolution: <http://tinyurl.com/mf6gjxu>
- Real Estate Board of New York Opinion: <http://tinyurl.com/mwv93rg>