



## New York City: A City of Street Smarts

October 2, 2013

Brest, France

Shin-pei Tsay, TransitCenter / Carnegie Endowment for International Peace



THE CIVITAS INITIATIVE IS CO-FINANCED BY  
THE EUROPEAN UNION



**Transforming urban  
mobility requires  
innovation of all kinds**



**Table 2. Major Stakeholders in Transportation Governance and Finance**

Federal	State	Regional Transportation Planning Organizations	Local Governments	Transit Agencies	Other
<ul style="list-style-type: none"> <li>• Congress</li> <li>• U.S. Department of Transportation (U.S. DOT)</li> <li>• Six major federal land management agencies</li> <li>• Three primary environmental protection agencies</li> </ul>	<ul style="list-style-type: none"> <li>• Governors</li> <li>• Legislatures</li> <li>• Departments of transportation (DOTs) in states and other jurisdictions</li> <li>• State transportation commissions or boards</li> <li>• Other state agencies with related responsibilities, including non-highway modal agencies</li> </ul>	<ul style="list-style-type: none"> <li>• Urban: 383 metropolitan planning organizations (MPOs), ranging from one to 26 per state</li> <li>• Rural: 180 regional [transportation] planning organizations (RTPOs or RPOs)</li> </ul>	<ul style="list-style-type: none"> <li>• 3,043 counties</li> <li>• 19,431 municipalities</li> <li>• 16,504 townships</li> <li>• 767 highway special districts</li> </ul>	<ul style="list-style-type: none"> <li>• 640 urban operating systems, including 600 public agencies</li> <li>• 2,000 rural operating systems</li> </ul>	<ul style="list-style-type: none"> <li>• 85 bridge, tunnel and turnpike authorities</li> <li>• 561 federally recognized tribal governments</li> <li>• Private operators and owners of transportation assets</li> <li>• Regional and county toll authorities</li> <li>• Regional mobility authorities (8, Texas only)</li> <li>• Operators and users, and their representative interest groups</li> <li>• Voters</li> <li>• General public</li> </ul>

Source: Intergovernmental Forum on Transportation Finance, 2008.





## Introduction

### Land

16  **Housing**

28  **Open Space**

40  **Brownfields**

### Water

52  **Water Quality**

62  **Water Network**

### Transportation

72  **Congestion**

 **State of Good Repair**

### Energy

100  **Energy**

### Air

118  **Air Quality**

### Climate Change

132  **Climate Change**

### Appendices



A GREENER, GREATER NEW YORK





# NYC Transportation and Streets:



**Recommendations to Mayor Bloomberg's  
Office of Long Term Planning and Sustainability**

February 1, 2007

**Transportation**  
ALTERNATIVES



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ALTERNATIVES





## STREETS BLOG.ORG

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**THE STREETS BALL**  
2013  
TO BENEFIT STREETS BLOG & STREET FILMS  
THURSDAY, OCTOBER 17 \*\*\* BROOKLYN NAVY YARD

**KINGS CO. DISTILLERY**  
AT THE

Monday, September 30, 2013

 52 Comments

### One Video Encapsulates Everything Wrong With NYC Street Culture

by Stephen Miller



Two banes of New York City streets — aggressive dirt bikers using the road as a personal racetrack, and SUV drivers using their vehicles as weapons — collide in this [horrific video](#) making the rounds today.

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## Sustainable Streets

Strategic Plan  
for the New York City  
Department of  
Transportation  
2008 and Beyond

- Safety
- Mobility
- World Class Streets
- Infrastructure
- Greening
- Global Leadership
- Customer Service



## World Class Streets:

Remaking New York City's Public Realm













TRANSPORTATION  
ALTERNATIVES



# Madison Square

23rd Street

Fifth Avenue

Broadway

After





TRANSPORTATION  
ALTERNATIVES





TRANSPORTATION  
ALTERNATIVES





# Times Square

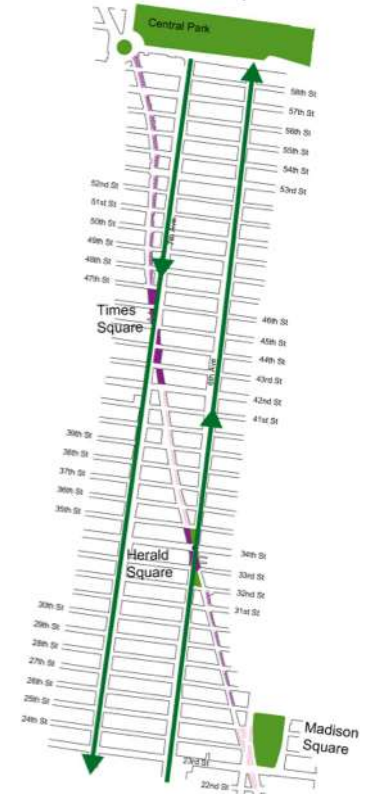




## Broadway Pilot Program

Expected Travel Time Improvements

**7th Avenue  
Southbound  
17% Improvement**



**6th Avenue  
Northbound  
37% Improvement**

- New public spaces
- New street enhancements
- Existing street enhancements
- Existing parks











- Injuries to motorists and pedestrians decreased by 63%
- Pedestrian injuries decreased 35%
- Air quality improved
- Retail rents increased or stayed the same during economic recession. They now compete with 5<sup>th</sup> and Madison Avenues.





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[Bike Smart!](#)

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# New York City Bike Share

## Help shape NYC's new transit option



Alex wants a Gramercy station. [Check it out →](#)

**Tell us where you'd like to see a bike share station**

Click "Suggest Station", then drag the map pin to make adjustments.

Click "Confirm Station" when you're done, and tell us why it's a good location.

**SUGGEST STATION**

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- separated cycle path
- striped routes
- on-street signed route











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B63

TIP: Enter an intersection, bus route or bus stop code.

Routes:

B63 5th / Atlantic Avenues

Bay Ridge - Cobble Hill

to BAY RIDGE SHORE RD via 5 AV

- BROOKLYN BRIDGE PARK - Pier 6
- ATLANTIC AV - HICKS ST
- ATLANTIC AV - HENRY ST
- ATLANTIC AV - CLINTON ST
- ATLANTIC AV - COURT ST
- ATLANTIC AV - SMITH ST
- ATLANTIC AV - HOYT ST
- ATLANTIC AV - BOND ST
- ATLANTIC AV - NEVINS ST
- ATLANTIC AV - 3 AV
- ATLANTIC AV - 4 AV
- FLATBUSH AV - ATLANTIC AV

**ATLANTIC AV - HOYT ST**  
 Stop #305408 | Data updated 29 seconds ago  
 Service available at this stop:  
[B63 BAY RIDGE SHORE RD via 5 AV](#)  
 1 stop away

*While at the bus stop...*  
 Send stop code **305408** as a text to **511123**  
 or check [this stop](#) on your smartphone.

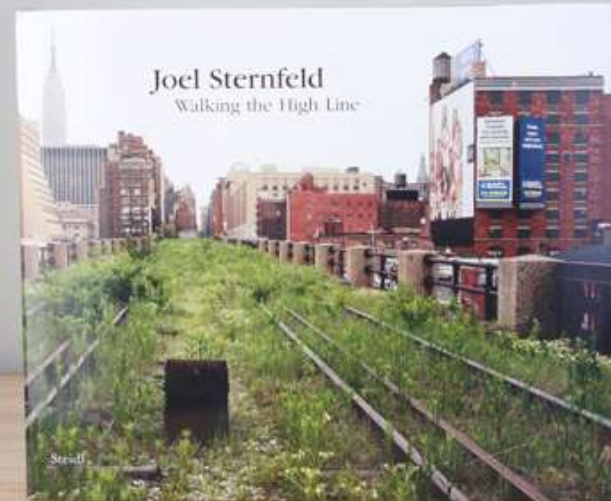
[Center and Zoom Here](#)

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# DESIGNING THE HIGHLINE

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1.5 MILES OF MANHATTAN... 720 ENTRIES FROM 36 COUNTRIES...



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**Thank you!**

Shin-pei Tsay

Contact Details

TransitCenter

601 W 26th Street CSI Room 325-4

New York, NY 10001

[stsay@transitcenter.org](mailto:stsay@transitcenter.org)

<http://www.civitas.eu>

