

# Neighborhood Slow Zone Hudson Heights, Manhattan

Feb  
2015



# Odds of Pedestrian Death\*

70%  20%  5%





# Neighborhood Slow Zone

## Improving Safety in Neighborhoods

### 1. Neighborhood Slow Zone Program

### 2. Slow Zone Application

Hudson Heights Owners Coalition

### 3. Slow Zone Proposal

Hudson Heights



# Neighborhood Slow Zone Program

## Neighborhood Group/Stakeholder Applies

Hudson Heights Owners Coalition &  
Community Board 12

## Competitive Selection Safety #1 Criteria

## Neighborhood Slow Zone Proposal

New York City Department of Transportation  
**NYC Neighborhood Slow Zone**  
Application for Communities & Neighborhoods

2013

Please read through the Neighborhood Slow Zone Guidelines before completing this application.

**Community Information**

Name of Interested Community/Group: Tompkins Square Park & Playgrounds Parents' Assoc. Borough: Manhattan  
Community Board(s): 3 Contact Person: Chad Marlow  
Contact Person's Title: Founder Contact Address: 155 East 4th Street, Apt. 3G  
City: New York State: New York Zip Code: 10009  
Contact's Phone #: 545-275-4481 Contact's Email: TSP3A@yahoo.com

**Slow Zone Example**

Slow Zones should be a self contained area surrounded by strong boundaries. Some examples of strong zone boundaries are highways, parks, elevated trains, dead ends, and major streets.

For example the Boerum Hill Slow Zone (pictured right) is bounded by the major streets Atlantic Ave, 3rd Ave, Union Street, and Smith Street.

**Boerum Hill Slow Zone**

**Proposed Boundaries of Slow Zone**

Describe the proposed location and boundaries of the Neighborhood Slow Zone. (Please attach a map)

- East of, but not including any portion of, 1st Avenue
- West of, but not including any portion of, FDR Drive
- North of:
  - To the east of where 2nd Street meets Houston Street: North of, but not including any portion of, Houston Street
  - To the west of where 2nd Street meets Houston Street: North of, but not including any portion of, 2nd Street
- South of, but not including any portion of, 14th Street

Proposed slow zone map included in attached documentation.



16 Selected  
74 Applications  
2014-15





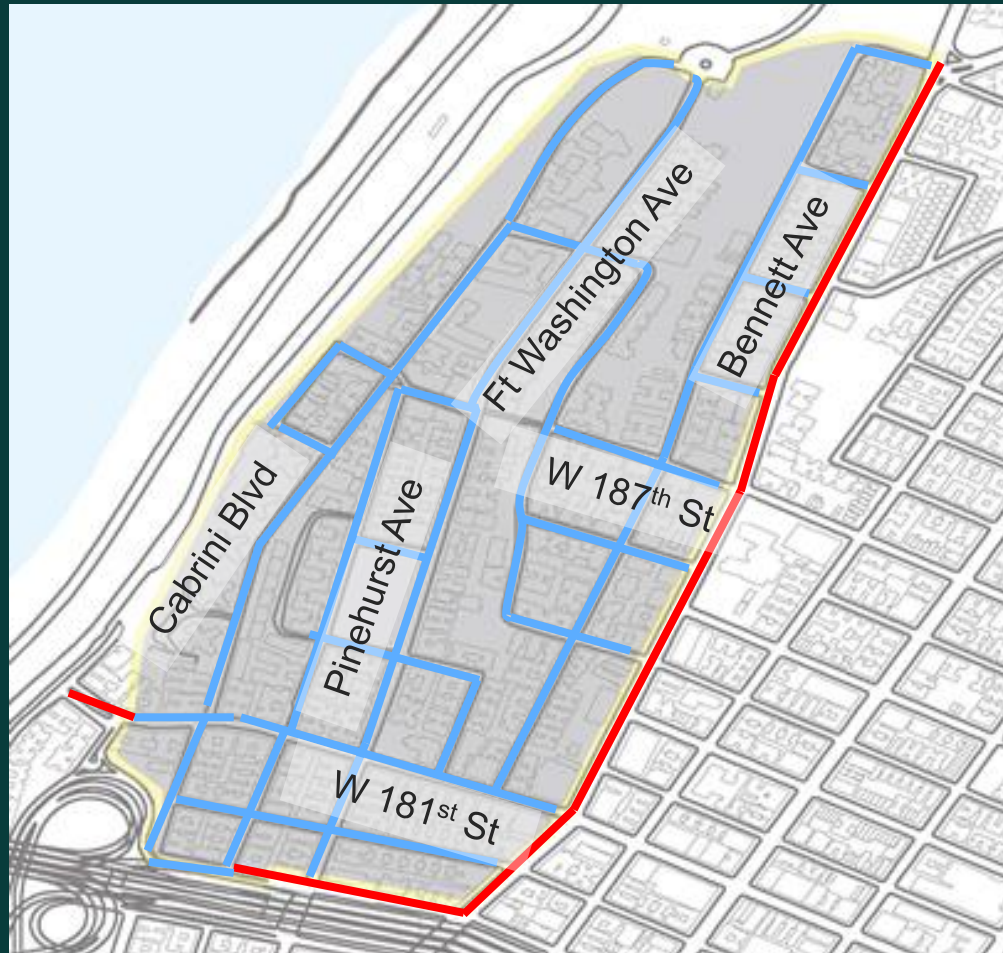
# What is a Neighborhood Slow Zone?

Neighborhood residential street speeds reduced to **20 MPH**



# Residential Streets 20 MPH

- Neighborhood streets speeds changed to **20 MPH**
- Boundary streets unchanged, speeds remain **25 MPH**





# Slow Zone Components

## 3 main tools to reduce speeds in the zone

- Gateway Signage
- 20 MPH Markings\*
- Speed Bumps\*

\*Not applied on boundary streets which remain 25 mph



Gateway Signs



Markings



Speed Bumps



# Slow Zone Components: Gateway Signage

Placed at entrances to the Neighborhood Slow Zone Area





# Slow Zone Components: 20 MPH Markings



Markings placed throughout zone to remind motorist of the speed limit



# Slow Zone Component: Speed Bump

- Makes the Slow Zone “self-enforcing”; **lower speeds through design**
- Distributed evenly throughout the Slow Zone
- Successfully used throughout NYC

Bumped streets:  
~**40% reduction**  
in injury crashes  
  
~**20% reduction**  
in speeds



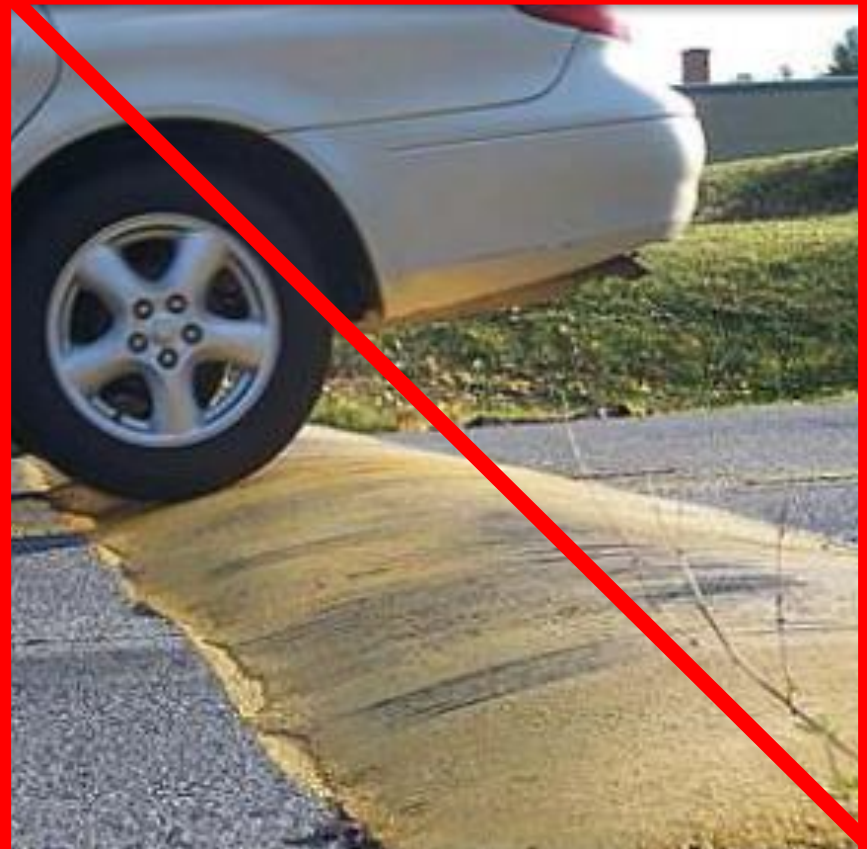


# Speed Bumps & Speed Humps

NYC DOT Standard



Never Used by NYC DOT



# Program History

- **Pilot Project 1 zone 2011**
  - Bronx: Claremont Slow Zone
- **1<sup>st</sup> Round 13 zones 2012-13**
  - Brooklyn: Boerum Hill
  - Queens: Corona, East Elmhurst-Jackson Heights, Auburndale, Elmhurst
  - Bronx: Mt Eden, Riverdale, Eastchester, Baychester
  - Staten Island: Rosebank, New Brighton-St George, Dongan Hills
  - Manhattan: Inwood
- **2<sup>nd</sup> Round 16 zones (Current) 2014-15**
  - Brooklyn: Bedford Stuyvesant/Clinton Hill, Brownsville/East New York, Crown Heights, Brooklyn Heights, Prospect Heights
  - Queens: Jackson Heights, Sunnyside Gardens-Woodside, Sunnyside, Astoria
  - Bronx: Norwood, Parkchester, Westchester Square
  - Staten Island: Midland Beach
  - Manhattan: Alphabet City, West Village, Hudson Heights



### Promising Safety Findings\*:

- **10-15%** reductions in speeds
- **14%** overall reduction in crashes with injuries
- **31%** reduction in vehicle injuries
- Ongoing evaluation of Slow Zones



\*Corona, Inwood, New Brighton/St George, Mt Eden, one-year after data

# Application Hudson Heights

## Slow Zone application

- Application submitted by Hudson Heights Owners Coalition, with support from Community Board 12

New York City Department of Transportation

2011

## NYC Neighborhood Slow Zone

Application for Communities & Neighborhoods



Please read through the Neighborhood Slow Zone Guidelines before completing the application

### Community Information

Name of Interested Community/Group:	<input type="text"/>	Borough:	<input type="text"/>
Community Board(s):	<input type="text"/>	Contact Person and Title:	<input type="text"/>
Contact's Address:	<input type="text"/>		
<input type="text"/>			
City:	<input type="text"/>	State:	<input type="text"/>
		Zip Code:	<input type="text"/>



# Slow Zone Selection Criteria

High amount of **severe crashes/fatalities**

- 2 per mile

Good **boundaries** (wide busy streets)

Many **letters of support**

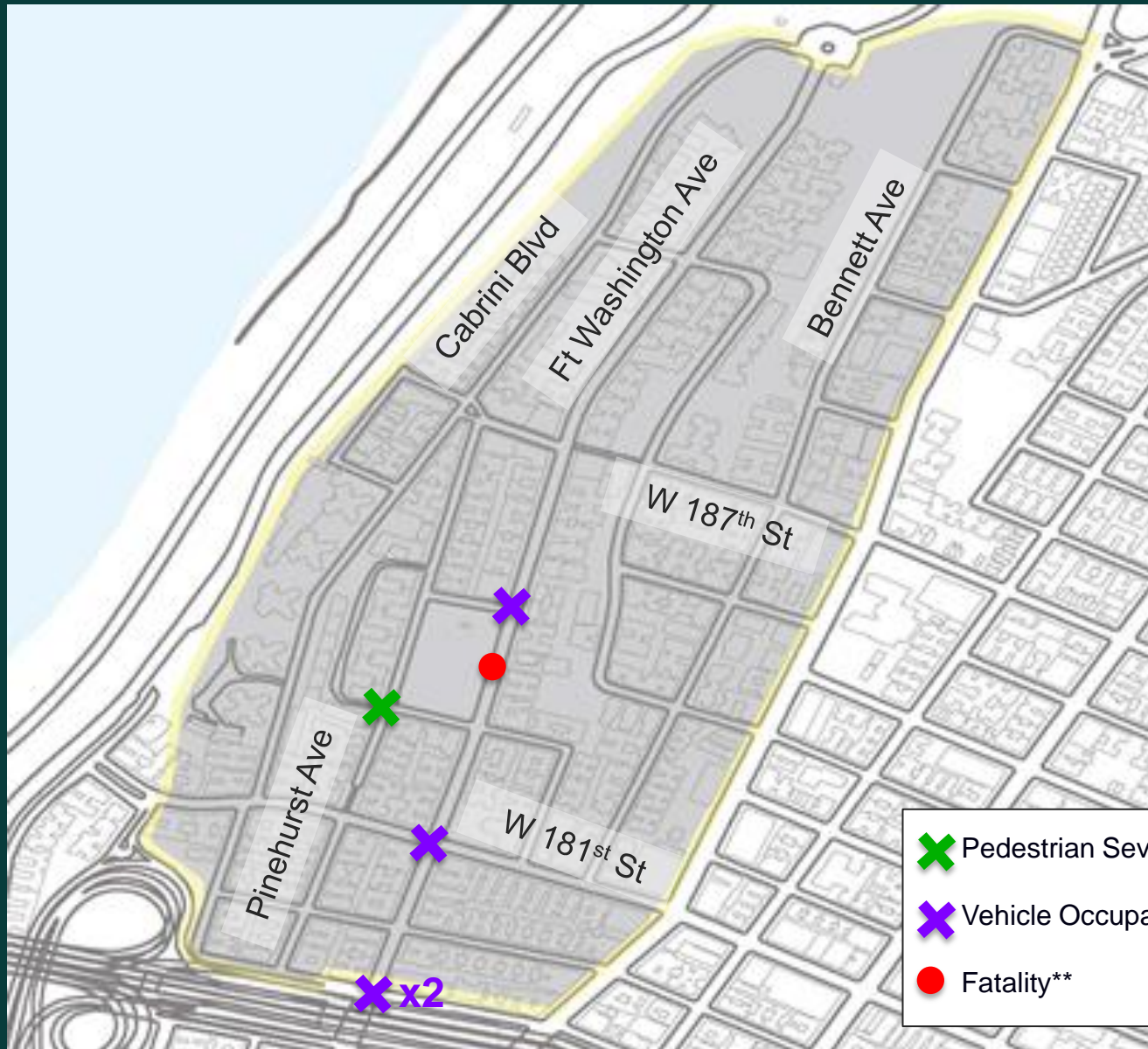
## Sample of Supporters

- Community Board 12
- 34th Precinct, Deputy Inspector Buzzetti
- FDNY, Roger Montesano
- Fort Tryon Jewish Center, Board
- Senator Adriano Espaillat
- Council Member Robert Jackson (retired)
- Castle Village, Board
- Hudson View Gardens, Board

	Severe Crashes	Crash Injuries	Size
<b>Hudson Heights</b>	<b>2 per mile</b>	<b>11 per year</b>	.22 sq mi
West Village (Proposed)	6 per mile	21 per year	.13 sq mi
Inwood (Implemented)	2 per mile	16 per year	.16 sq mi

Positive Criteria	Crashes	Letters of Support	Schools	Senior Centers	Daycare	Strong Boundaries	Subway Stations	Bus Routes (on Boundary)	Truck Routes (on boundary)
Negative Criteria	Gateways Required							Bus Routes (in zone)	

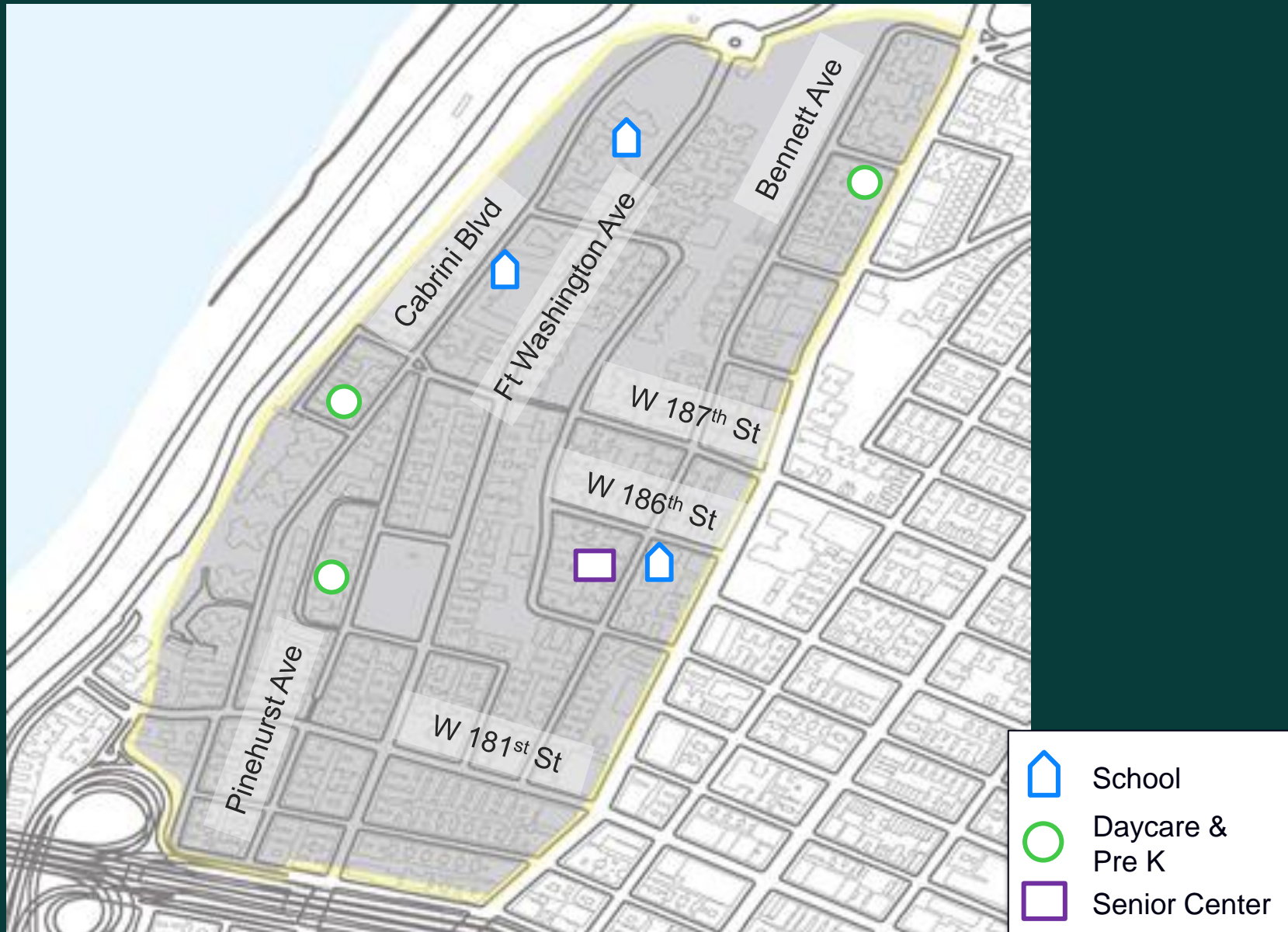
# Severe Injuries & Fatalities



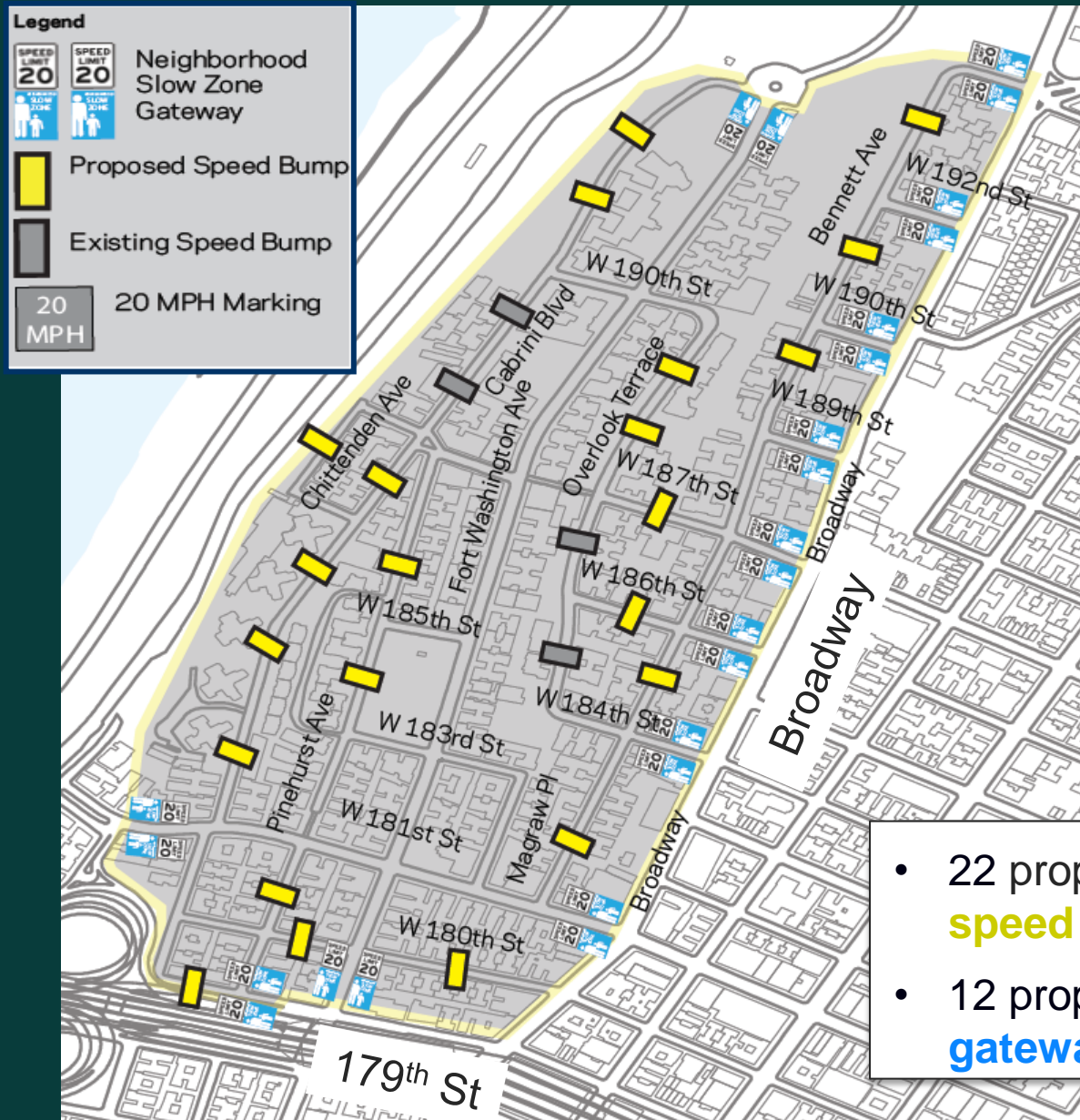
\*2009-2013  
\*\*2007-2015



# Schools and Community Resources in Slow Zone



# Proposed Hudson Heights Slow Zone



- 22 proposed **speed bumps**
- 12 proposed **gateways**



# Proposed Slow Zone



Broadway and 192<sup>nd</sup> Street



# Proposed Slow Zone



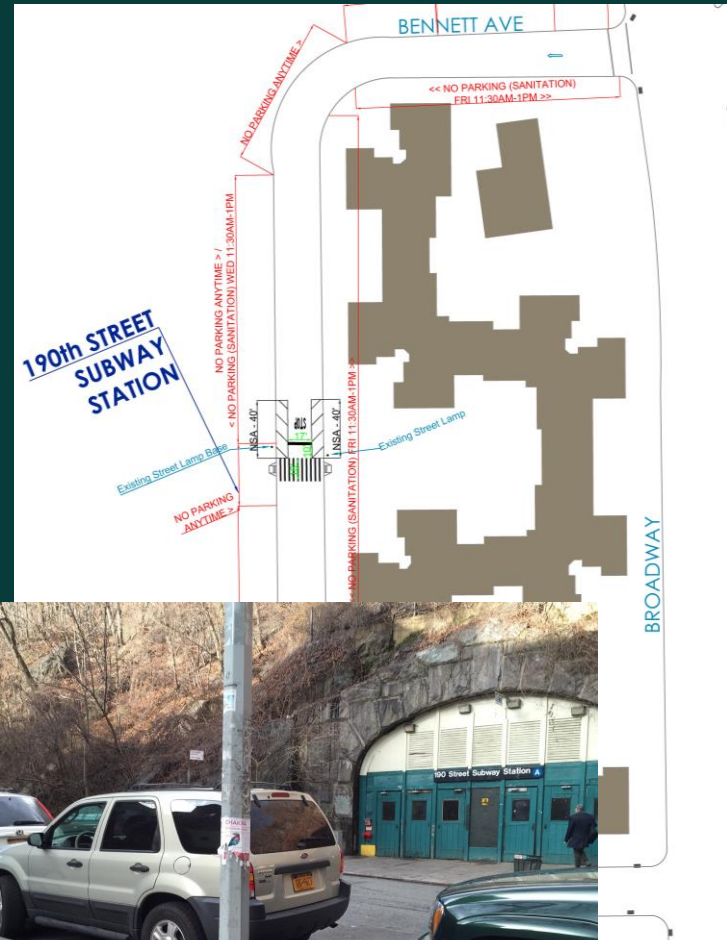
Broadway and 186<sup>th</sup> Street



# Bennett Ave Mid-Block Crossing

## New high visibility crosswalk

- Located on Bennett Ave between Broadway and W 192<sup>nd</sup> St , outside of W 190<sup>th</sup> St A stop
- Includes:
  - New stop sign
  - ADA accessible pedestrian ramps with tactile warning strips
  - Daylighting to improve pedestrian visibility



Location of approved high visibility crosswalk

# Increasing Safety in Hudson Heights

## Local Request

- Slow Zone application submitted by the Hudson Heights Owners Coalition (with Community Board 12 support)

## Why implement?

- **3 schools** in the proposed zone
- Odds of pedestrian death **4 times lower** at 20 mph compared to 30 mph





Questions?

Thank  
You

# Manhattan Bus Map

No Speed Bumps  
will be placed on  
bus routes

 Slow Zone

