

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's 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



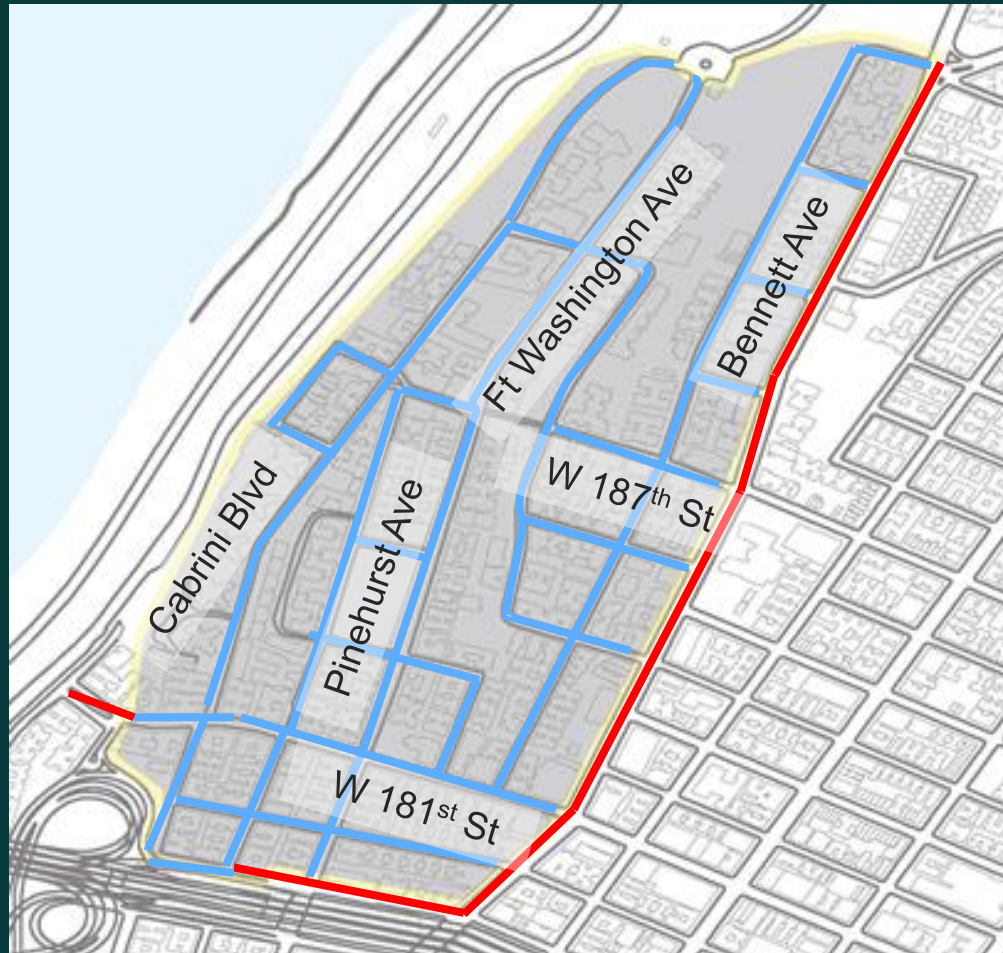
What is a Neighborhood Slow Zone?

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

Hudson Heights Slow Zone



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

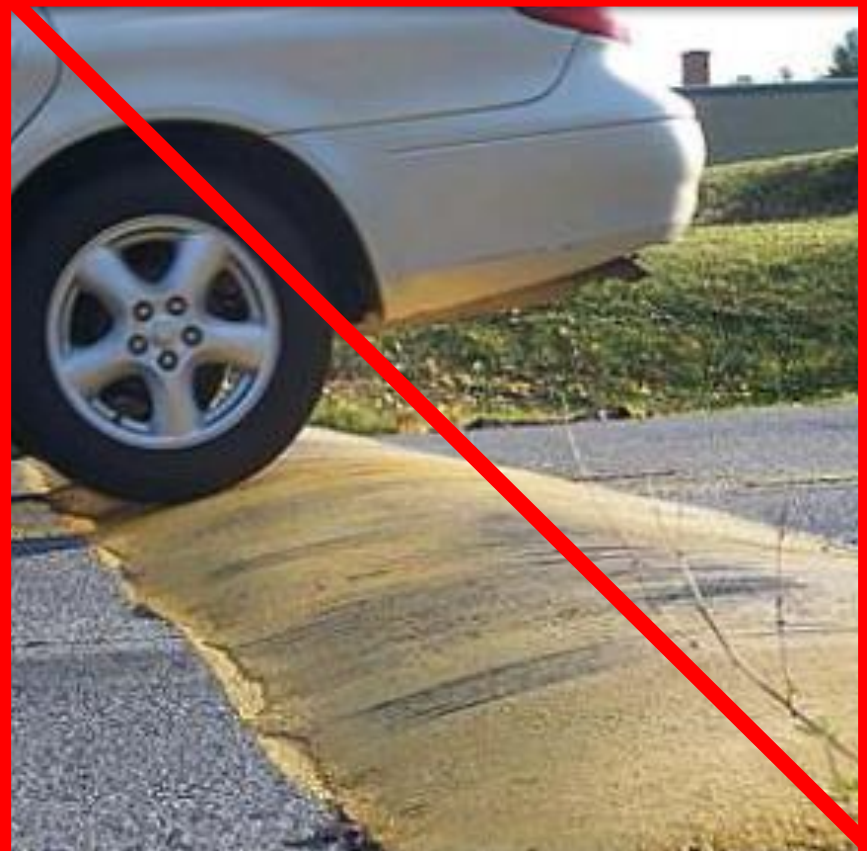


Speed Bumps & Speed Humps

NYC DOT Standard



Never Used by NYC DOT



Program History

- **Pilot Project 1 zone 2011**
 - Bronx: Claremont Slow Zone
- **1st 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
- **2nd 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:		Borough:	
Community Board(s):		Contact Person and Title:	
Contact's Address:			
City:		State:	
		Zip Code:	

Slow Zone Selection Criteria

High amount of **severe crashes/fatalities**

- 2 per mile

Good **boundaries** (wide busy streets)

Many **letters of support**

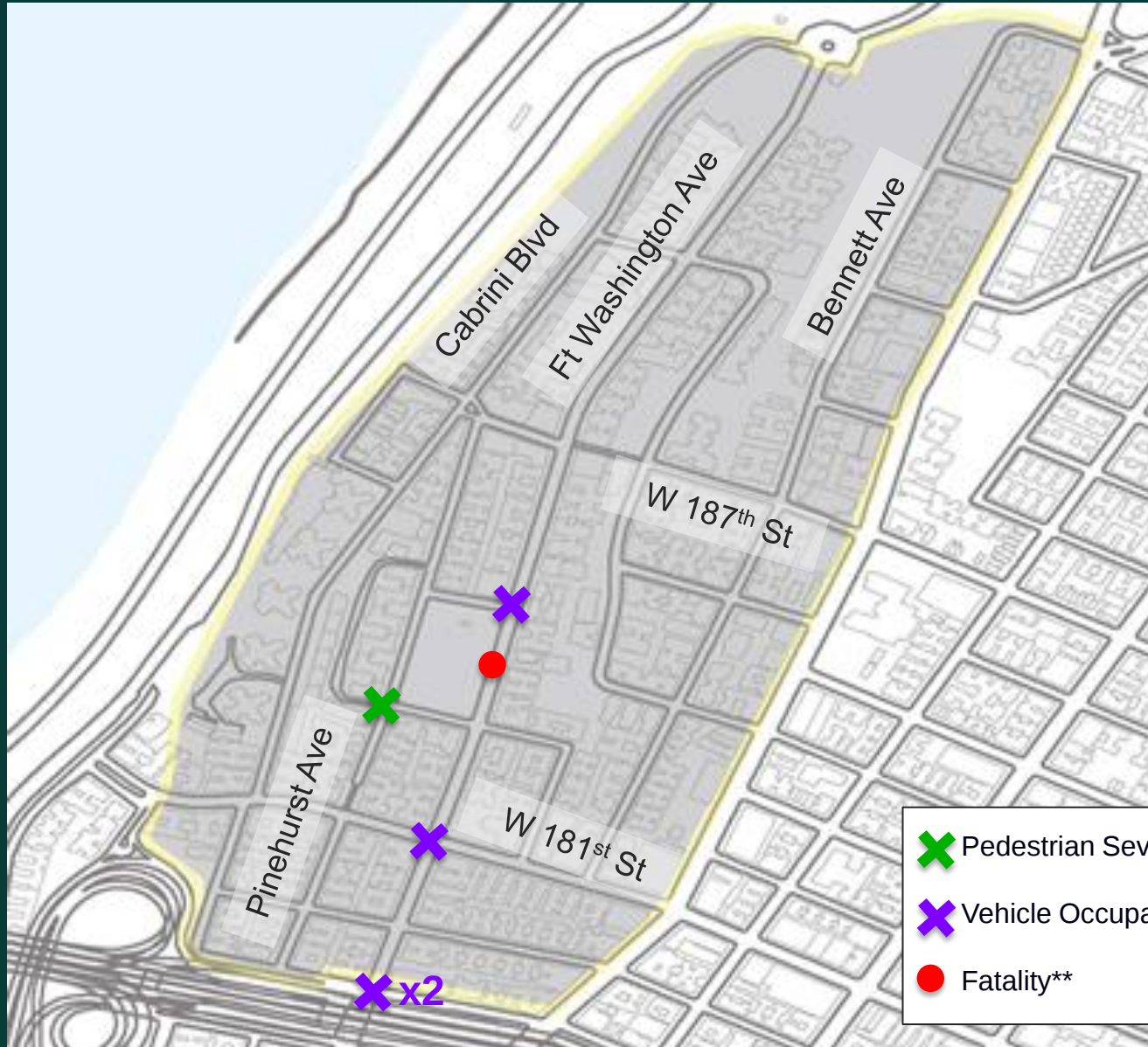
Sample of Supporters

- 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
Hudson Heights	2 per mile	11 per year	.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

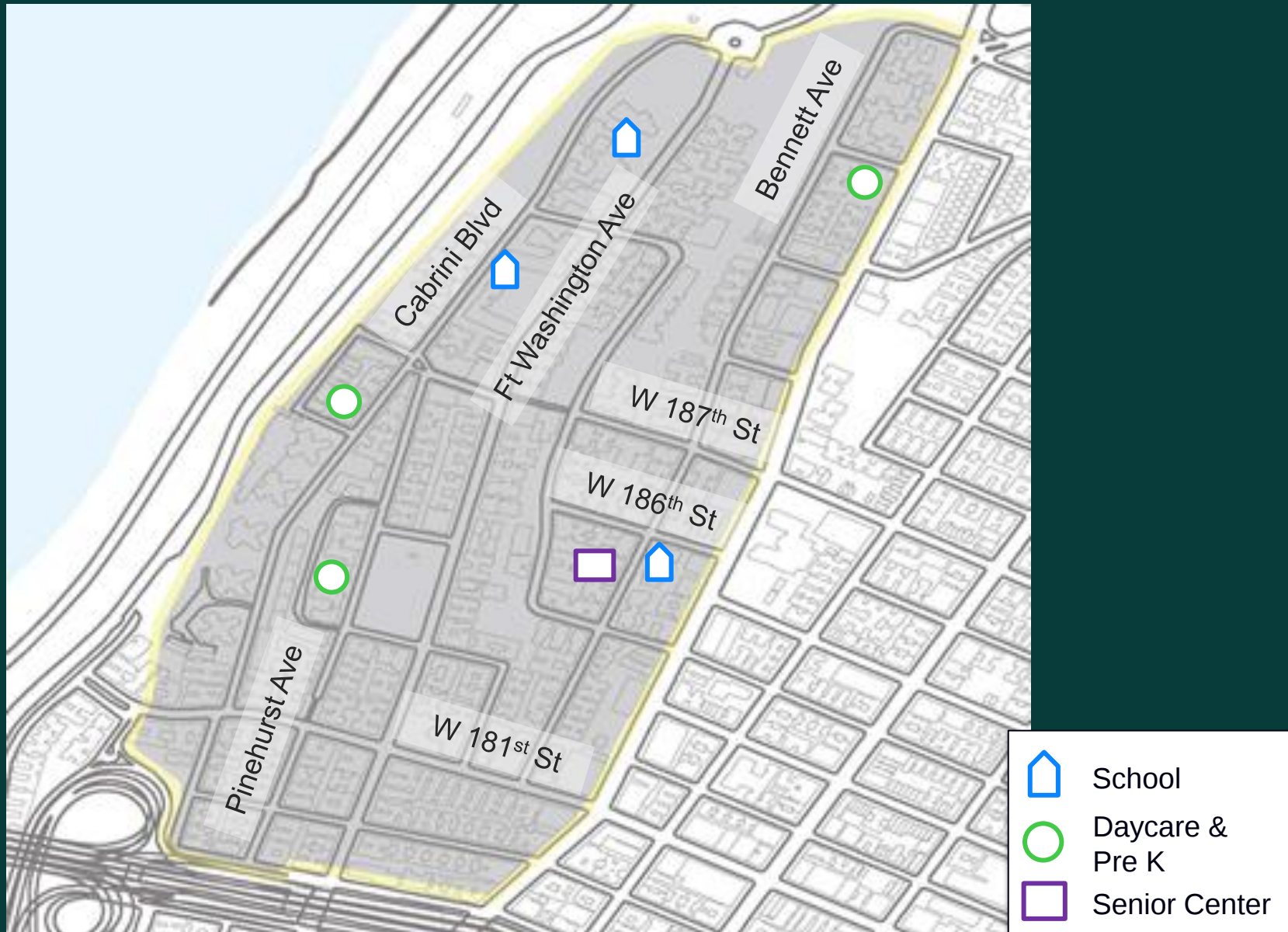
Positive Criteria	Crashes	Letters of Support	Schools	Senior Centers	Daycare	Strong Boundaries	Subway Stations	Bus Routes (on Boundary)	Truck Routes (on boundary)
Negative Criteria	Gateways Required							Bus Routes (in zone)	

Severe Injuries & Fatalities

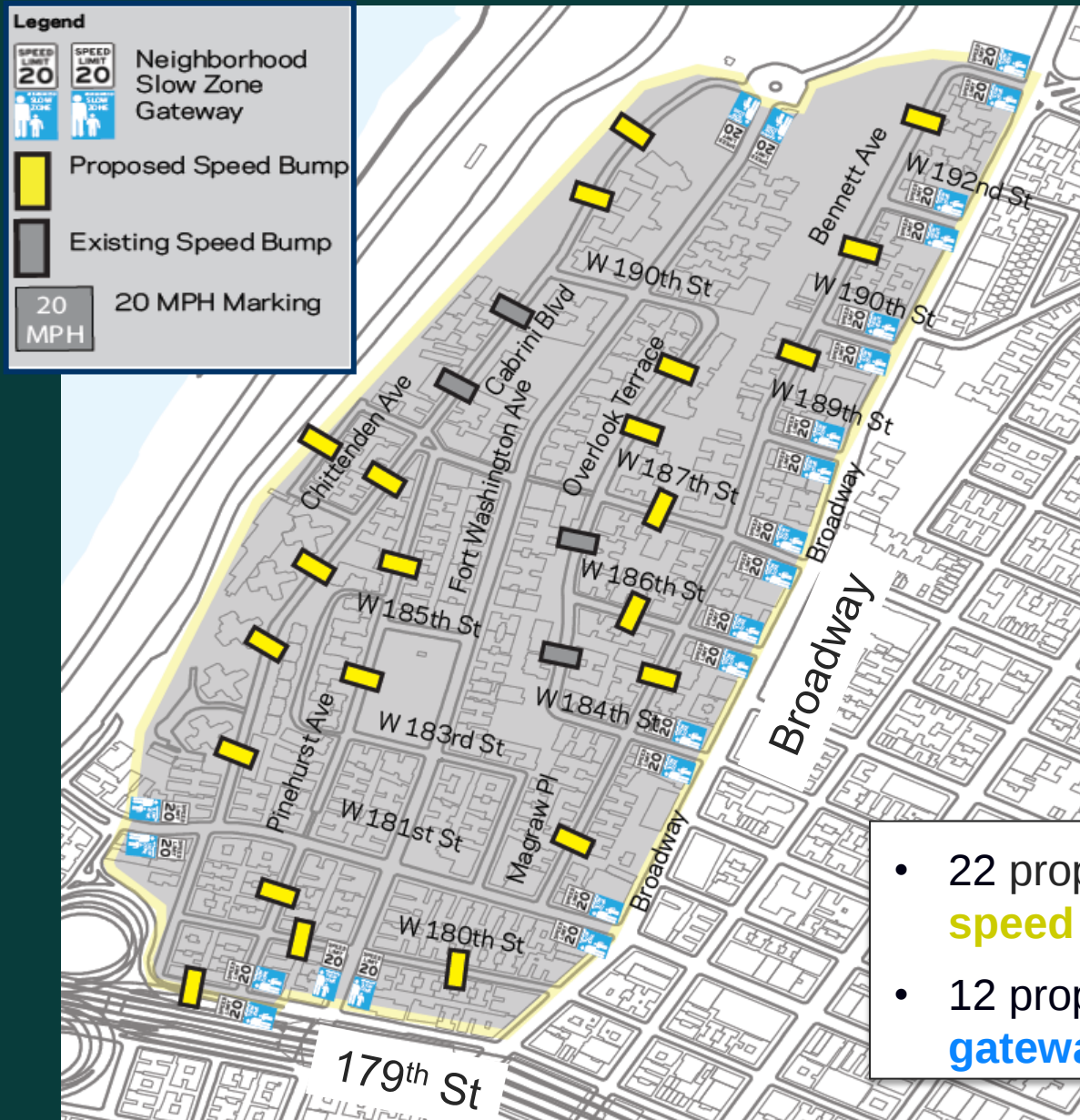


*2009-2013
**2007-2015

Schools and Community Resources in Slow Zone



Proposed Hudson Heights Slow Zone



Proposed Slow Zone



Broadway and 192nd Street

Proposed Slow Zone

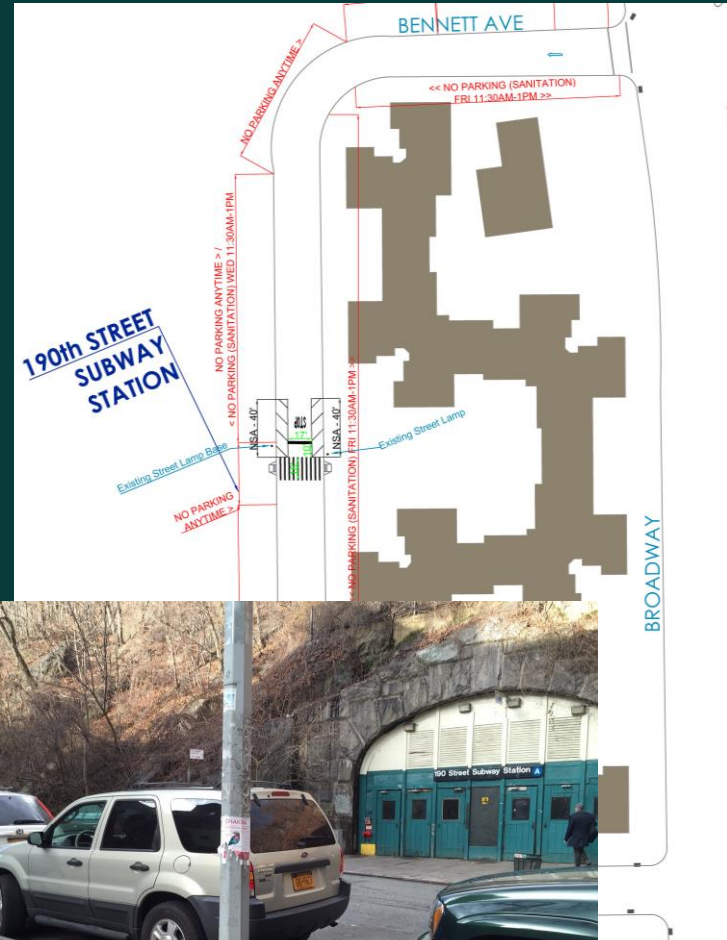


Broadway and 186th Street

Bennett Ave Mid-Block Crossing

New high visibility crosswalk

- Located on Bennett Ave between Broadway and W 192nd St , outside of W 190th 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

