

# Neighborhood Slow Zone West Village, Manhattan

Feb  
2015



New York City Department of Transportation  
Office of Research, Implementation & Safety  
February 5, 2015 to Manhattan Community Board 2 Transportation Committee



# Odds of Pedestrian Death\*

70%  20%  5%





# Neighborhood Slow Zone

## Improving Safety in Neighborhoods

### 1. Neighborhood Slow Zone Program

### 2. Slow Zone Application

Coalition of West Village Schools / Park Rec Center

### 3. Slow Zone Proposal

West Village Neighborhood Slow Zone



# Neighborhood Slow Zone Program

Neighborhood  
Group/Stakeholder  
Applies

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 the 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**

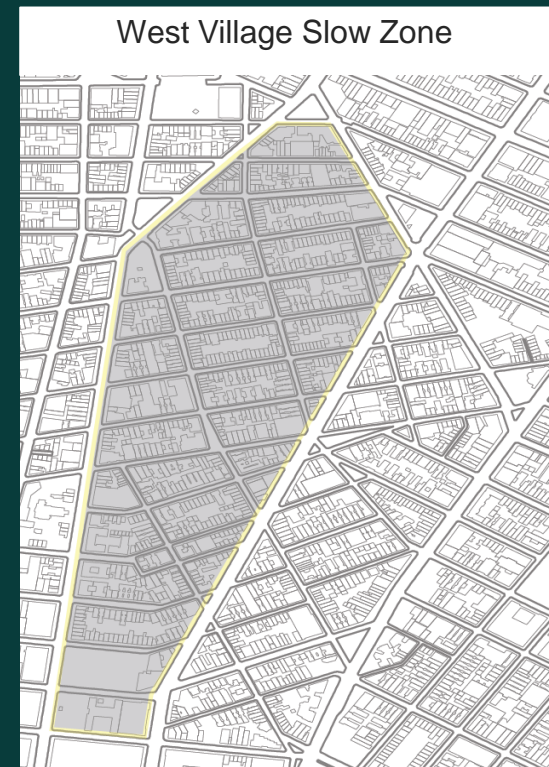
Describe the proposed location and boundaries of the Neighborhood Slow Zone. (Please attach a map):

- 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





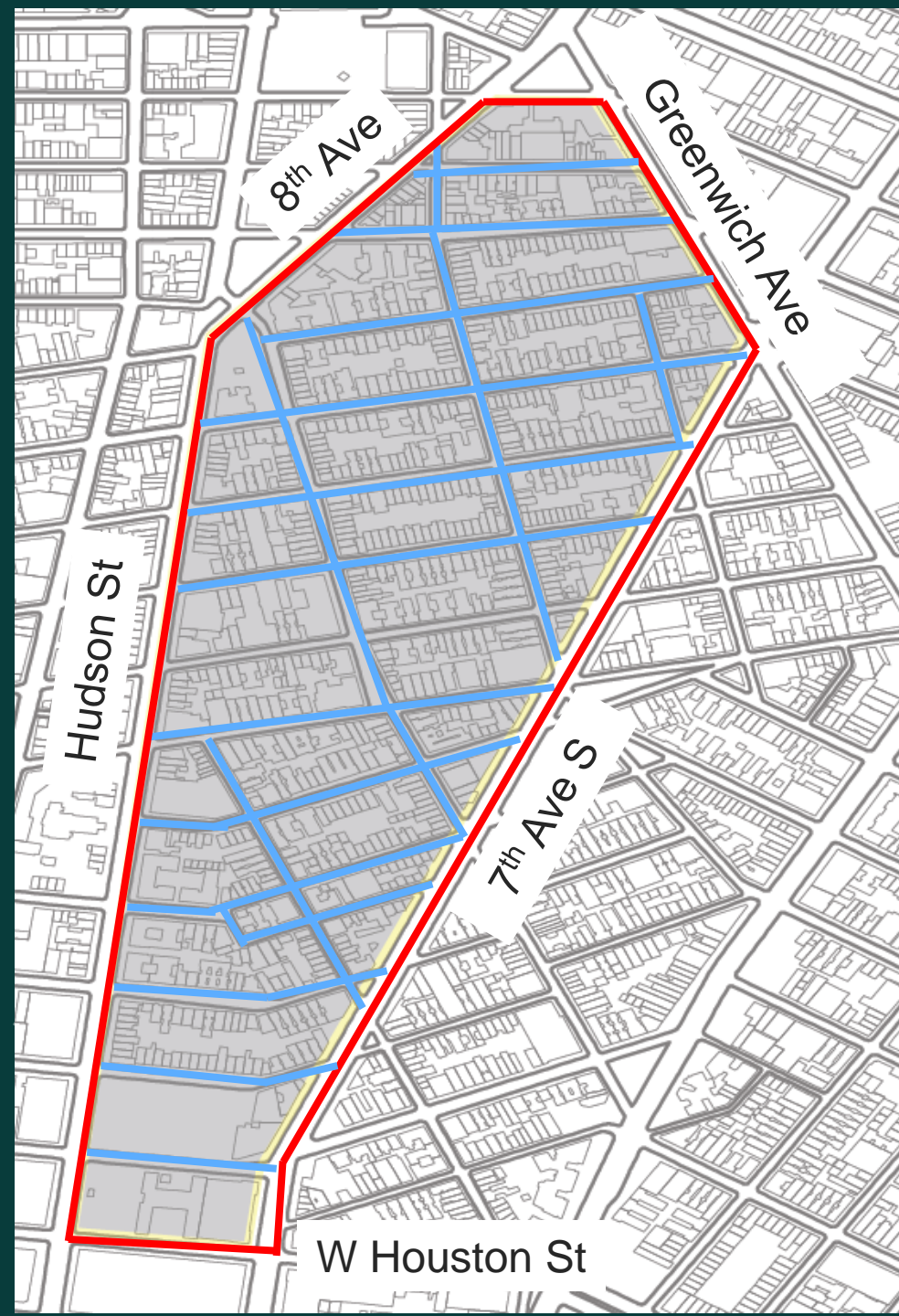
# What is a Neighborhood Slow Zone?

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



# Interior Streets 20 MPH

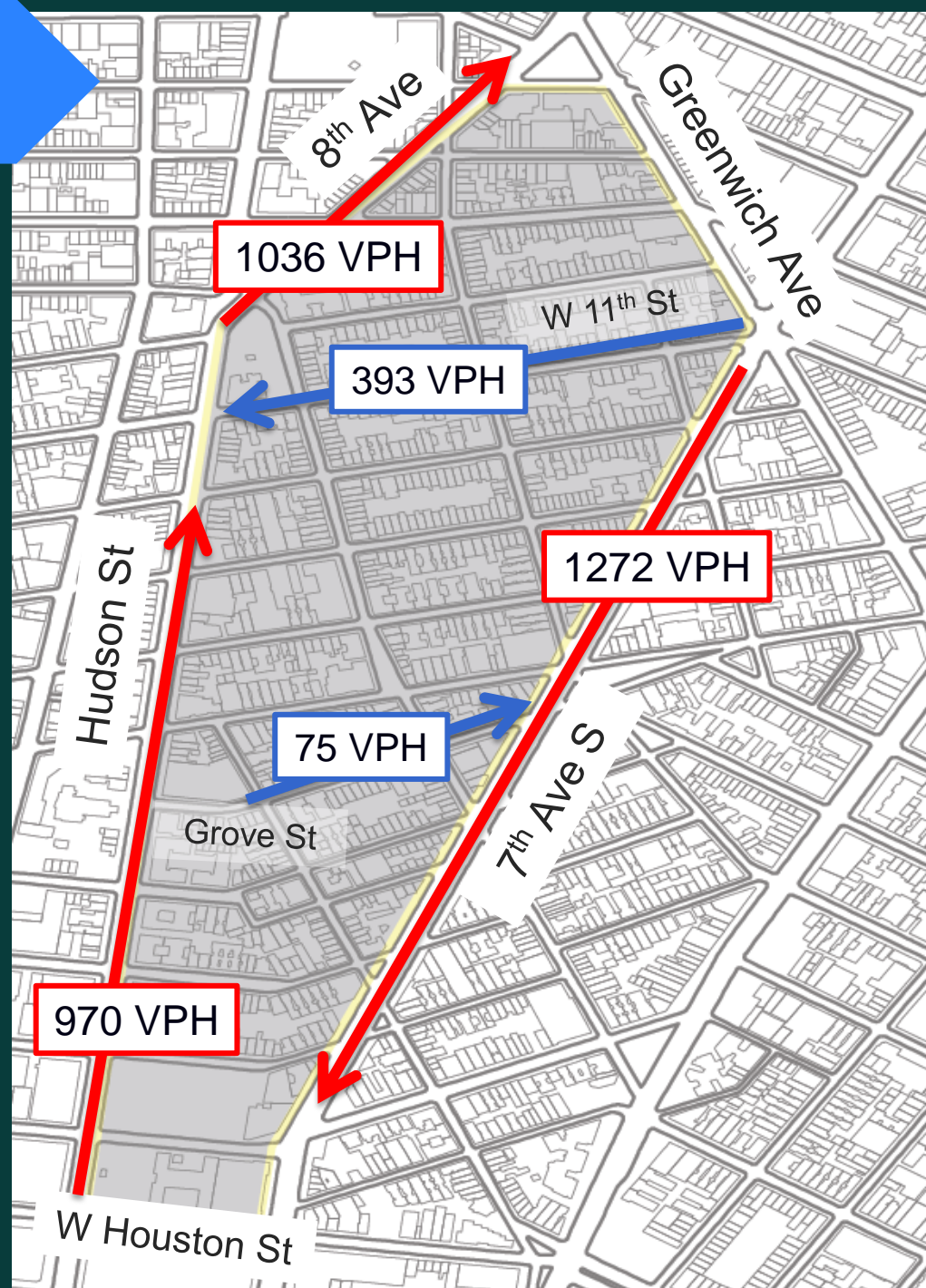
- Neighborhood streets speeds changed to **20 MPH**
- Boundary streets unchanged, speeds remain **25 MPH**





# Slow Zone Boundaries

- Boundary streets carry higher volumes
- Interior neighborhood streets carry lower volumes



# Slow Zone Components

## 3 main tools to reduce speeds in the zone

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

\*Not applied on boundary streets which remain 25mph



Gateway Signs



Markings



Speed Humps



# 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 Hump

- 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

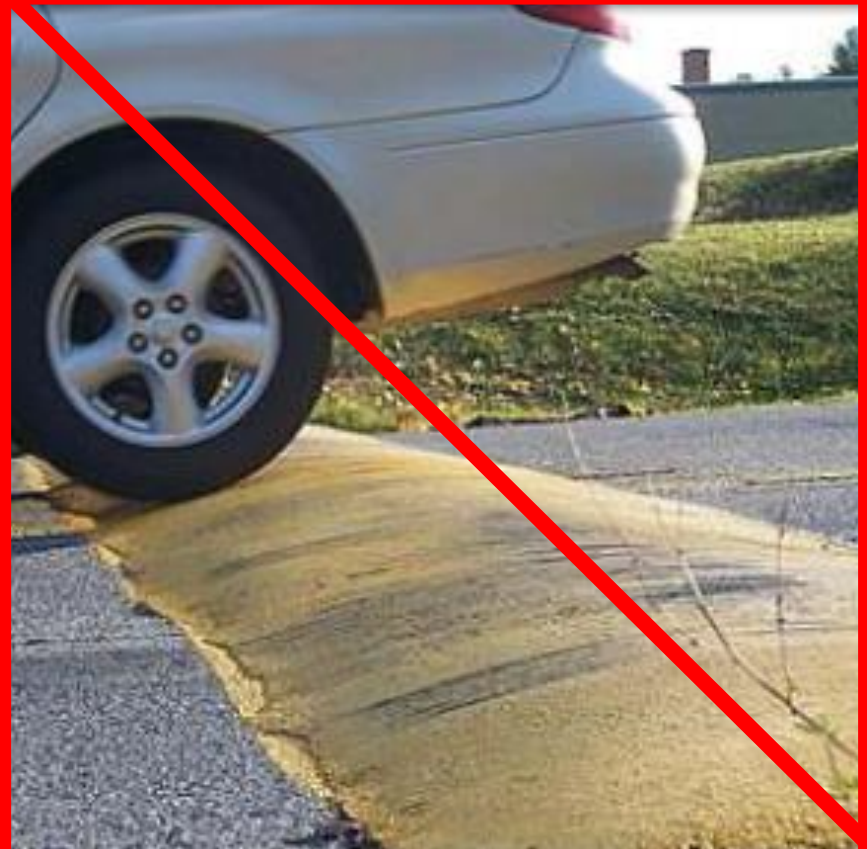


# Speed Bumps & Speed Humps

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**
  - Manhattan: Inwood
- **2<sup>nd</sup> Round 16 zones (Current) 2014-15**
  - 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 West Village

## Slow Zone application

- Application submitted by Coalition of West Village Schools / Park Rec Center

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**

- 6 per mile

Good **boundaries** (wide busy streets)

Many **letters of support**

## Sample of Supporters

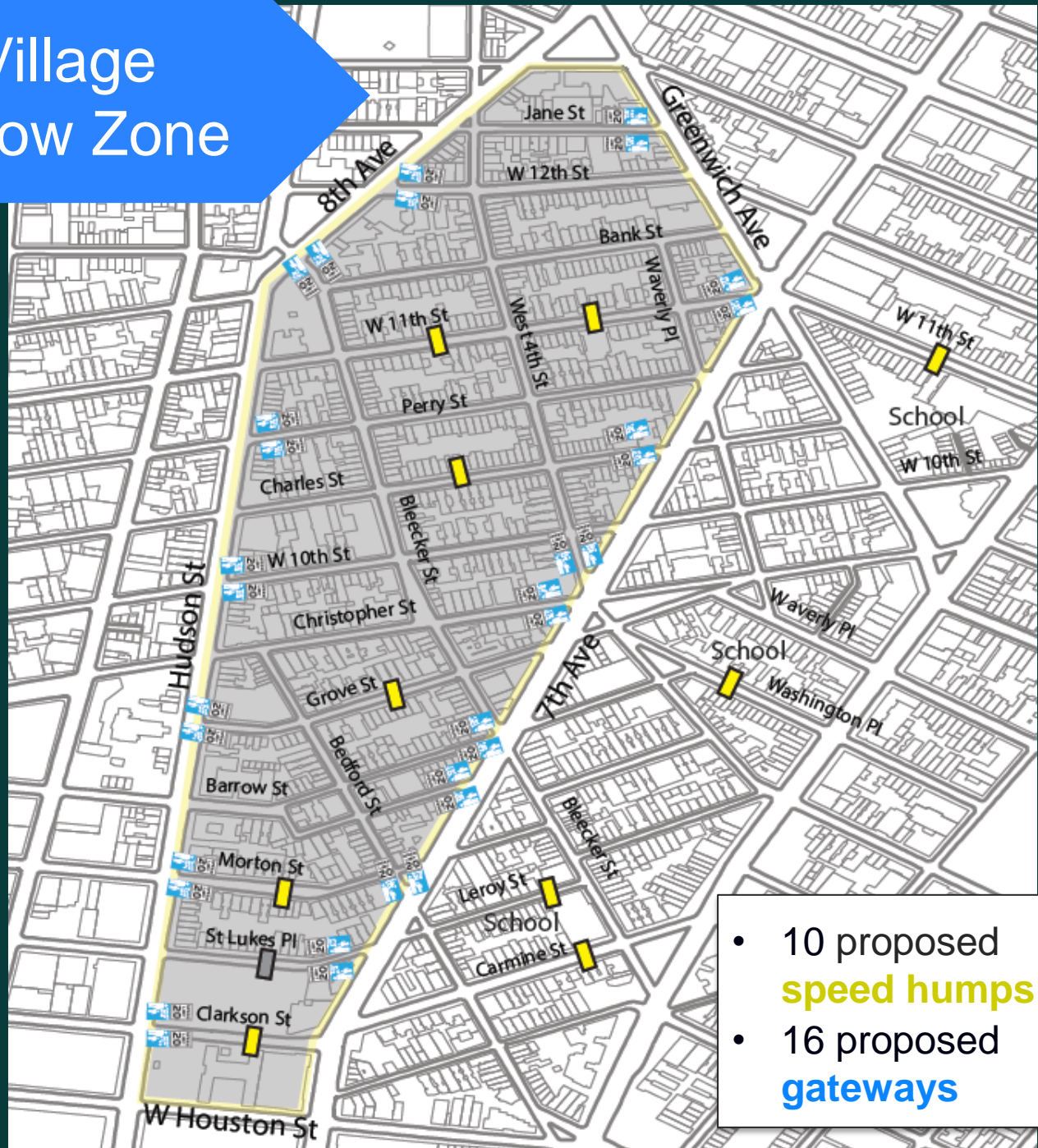
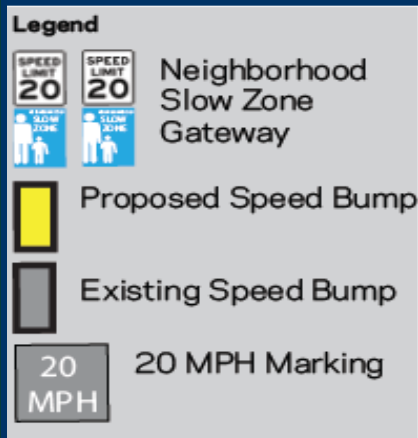
- 6<sup>th</sup> Precinct Community Affairs office
- St. Luke's School
- 75 Morton Community Alliance
- Tony Dapolito Rec Center
- Friends of JJ Walker Playground
- City as School High School
- Independence High School

	Severe Crashes	Crash Injuries	Size
West Village	6 per mile	21 per year	.13 sq mi
Inwood (Installed 2013)	2 per mile	16 per year	.16 sq mi
Hudson Heights	2 per mile	12 per year	.22 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)	



# Proposed West Village Neighborhood Slow Zone



- 10 proposed **speed humps**
- 16 proposed **gateways**



# Proposed Slow Zone



Bedford St & 7<sup>th</sup> Ave S



# Proposed Slow Zone



Grove St & Hudson St

# Increasing Safety in the West Village

## Local Request

- Slow Zone application submitted by coalition of West Village Schools/ Park Rec Center

## Why implement?

- **10 speed humps** on residential streets
- Odds of pedestrian death **4 times lower** at 20 mph compared to 30 mph







Questions?



Thank  
You