

Neighborhood Slow Zone Alphabet City/Tompkins Square, Manhattan

June
2014



Commissioner Polly Trottenberg New York City Department of Transportation
Office of Research, Implementation & Safety
June 12, 2014 to Manhattan Community Board 3



Odds of Pedestrian Death*

70%  20%  5%



*U.S. Department of Transportation - National Highway Traffic Safety Administration . (1999). Literature Review on Vehicle Travel Speeds and Pedestrian Injuries-DOT HS 809 021 October 1999

Neighborhood Slow Zone

Improving Safety
in Neighborhoods

1. Neighborhood Slow Zone Program

2. Slow Zone Application

Tompkins Square Park & Playgrounds Parents'
Association

3. Slow Zone Proposal

Alphabet City/Tompkins Square



Neighborhood Slow Zone Program

Neighborhood Group/Stakeholder Applies

Tompkins Square Park & Playgrounds Parents' Association and endorsement from Community Board 3

Competitive Selection Safety #1 Criteria

Neighborhood Slow Zone Proposal

New York City Department of Transportation
NYC Neighborhood Slow Zone 2013
Application for Communities & Neighborhoods

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

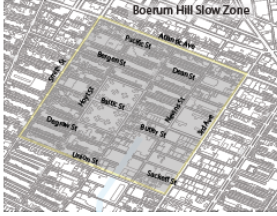
Community Information

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 #: 545-279-4481 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.



Proposed Boundaries of Slow Zone

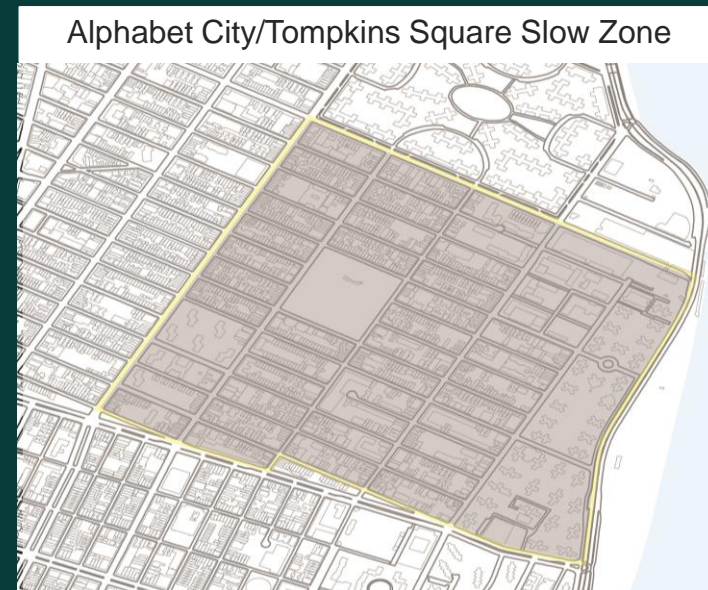
Describe the proposed location and boundaries of the Neighborhood Slow Zone. (Please attach a map)

- 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 30 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 30 mph

Alphabet City/Tompkins Square
Slow Zone



Gateway Signs



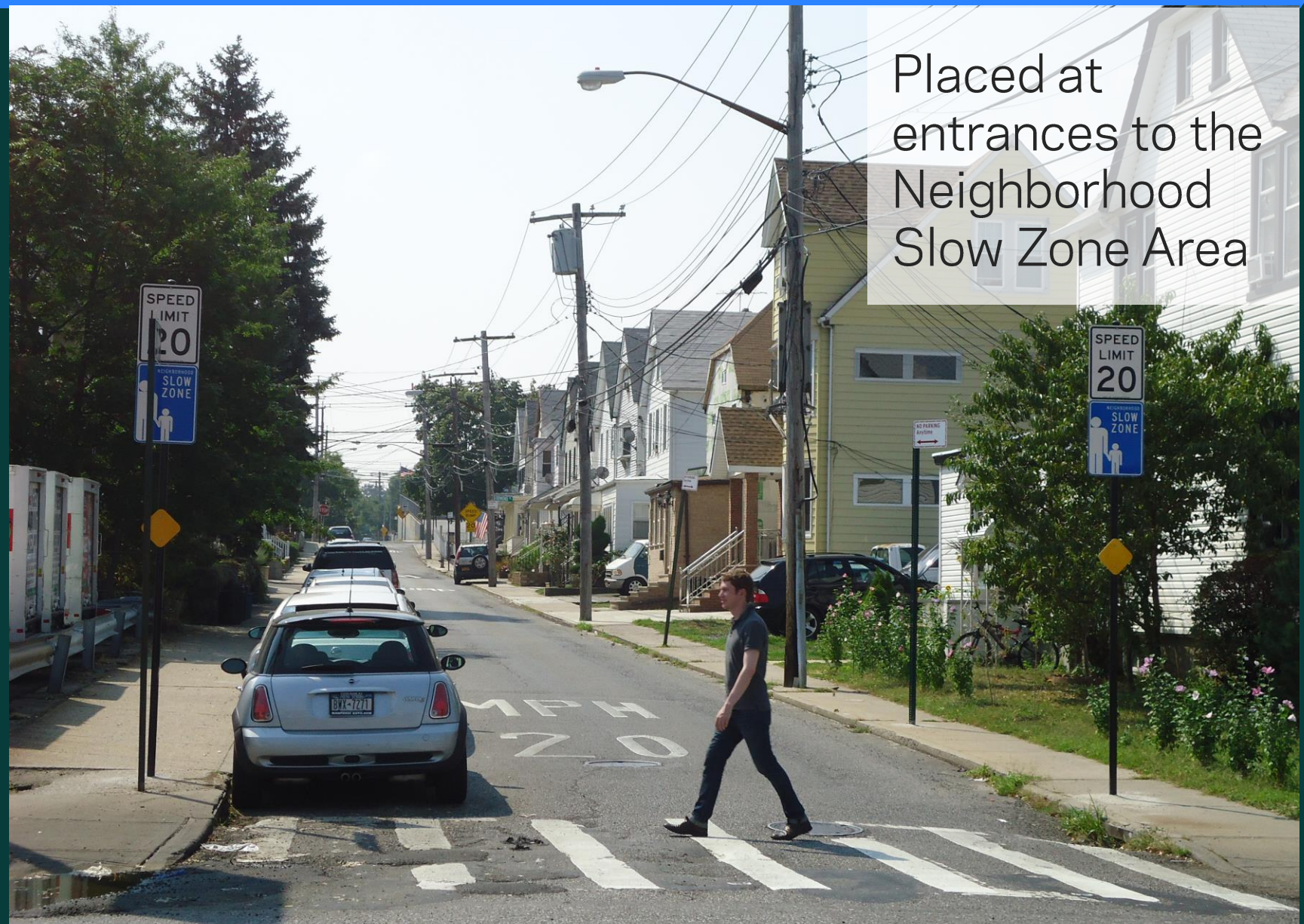
Markings



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

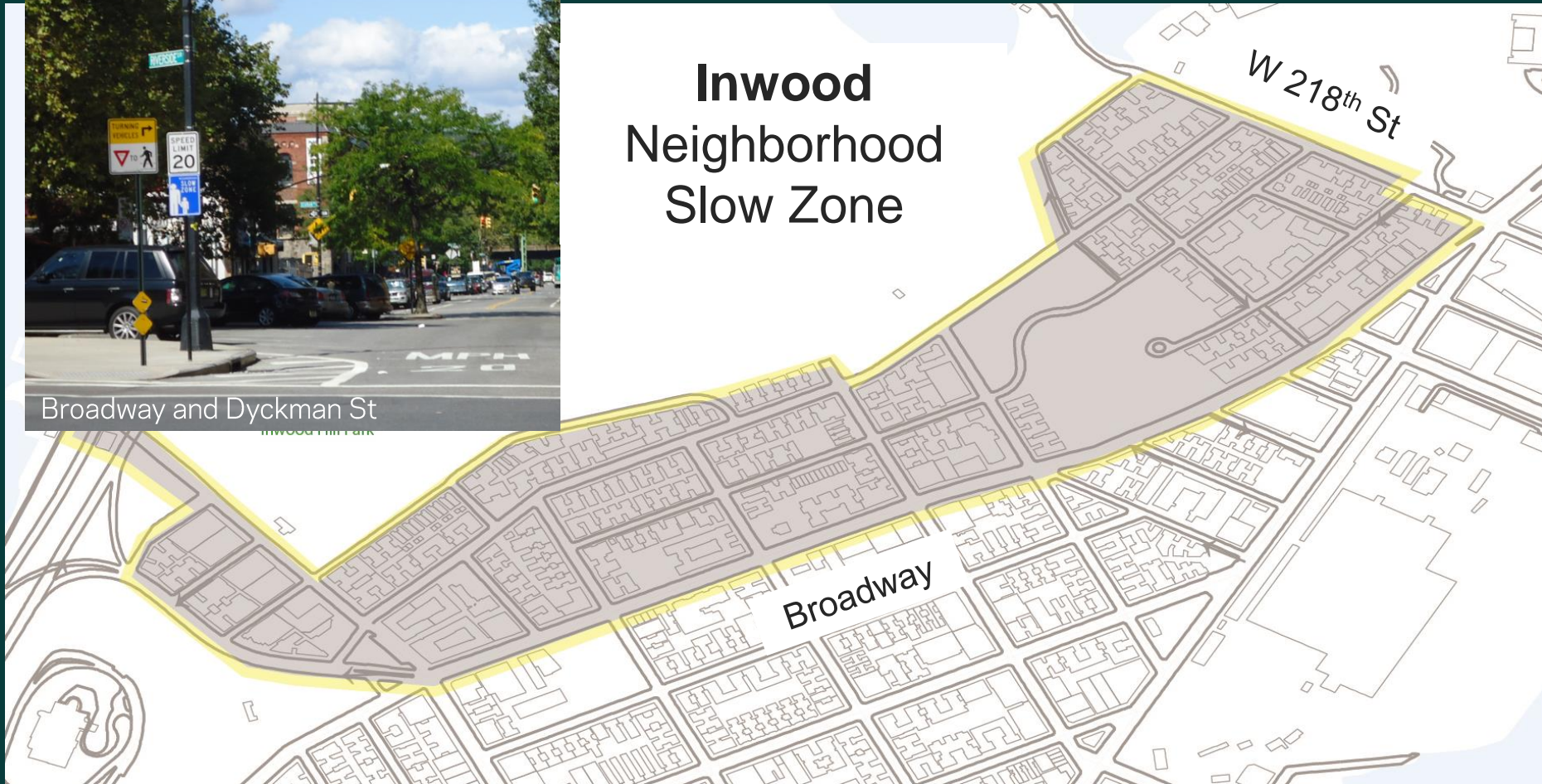
- **Pilot Project 1 zone 2011**
 - Bronx: Claremont Slow Zone
- **1st Round 13 zones 2012-13**
 - Brooklyn: Boerum Hill
 - Queens: Corona, East Elmhurst-Jackson Heights, Auburndale, Elmhurst
 - Bronx: Mt Eden, Riverdale, Eastchester, Baychester
 - Staten Island: Rosebank, New Brighton-St George, Dongan 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

Sample Manhattan Zone



Broadway and Dyckman St

**Inwood
Neighborhood
Slow Zone**



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



Application Alphabet City/Tompkins Square

Slow Zone application

- Application submitted by Tompkins Square Park & Playgrounds Parents' Association, with support from Community Board 3

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**

- 6 per mile

Good **boundaries** (wide busy streets)

Many **letters of support**

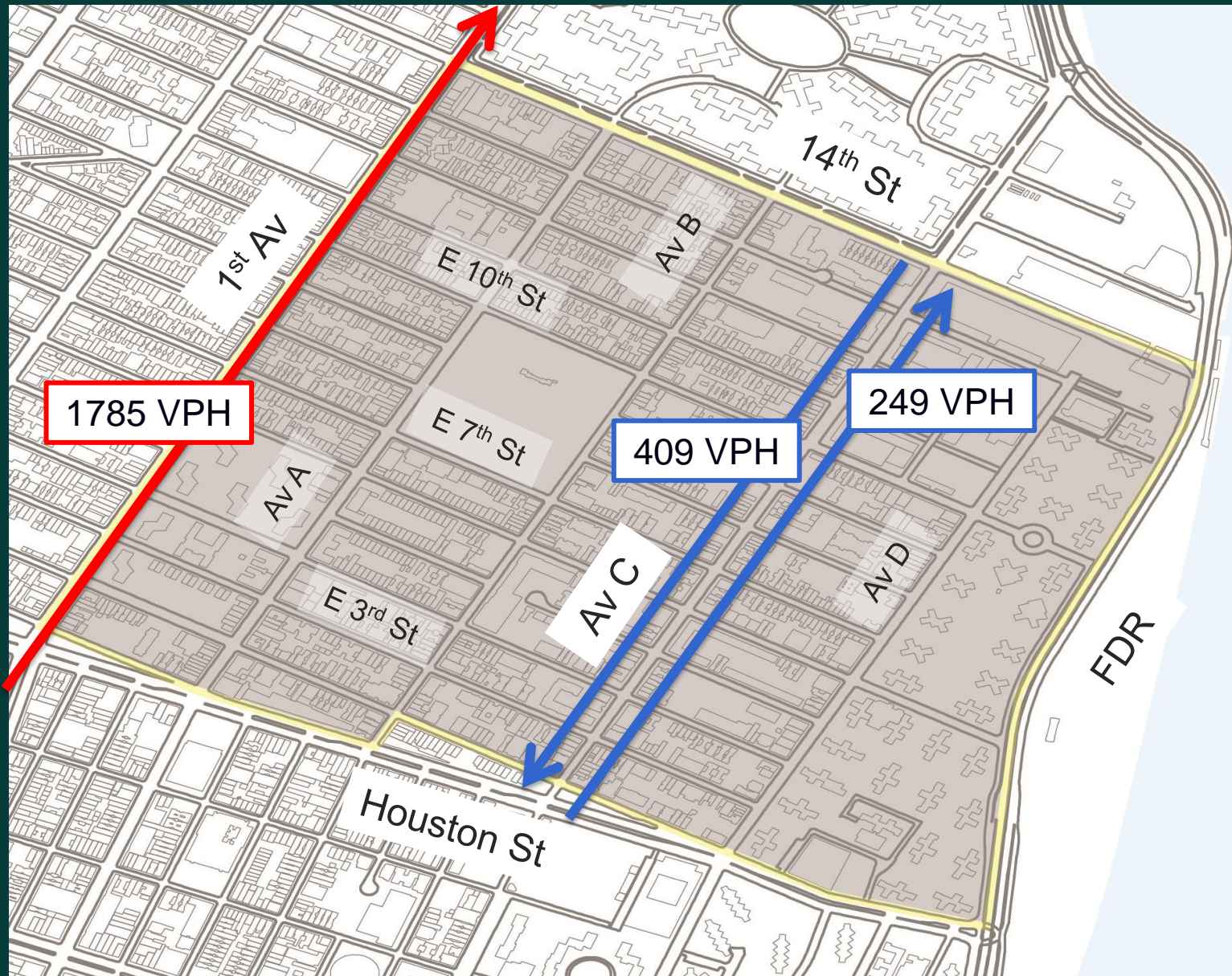
Sample of Supporters

- Community Board 3
- PS 315 East Village Community School
- PS 63 – STAR Academy
- East Village Community Coalition
- Lower East Side Girls Club
- Carolyn Maloney, US Congress Member 12th District
- Nydia Velazquez, US Congress Member 7th District

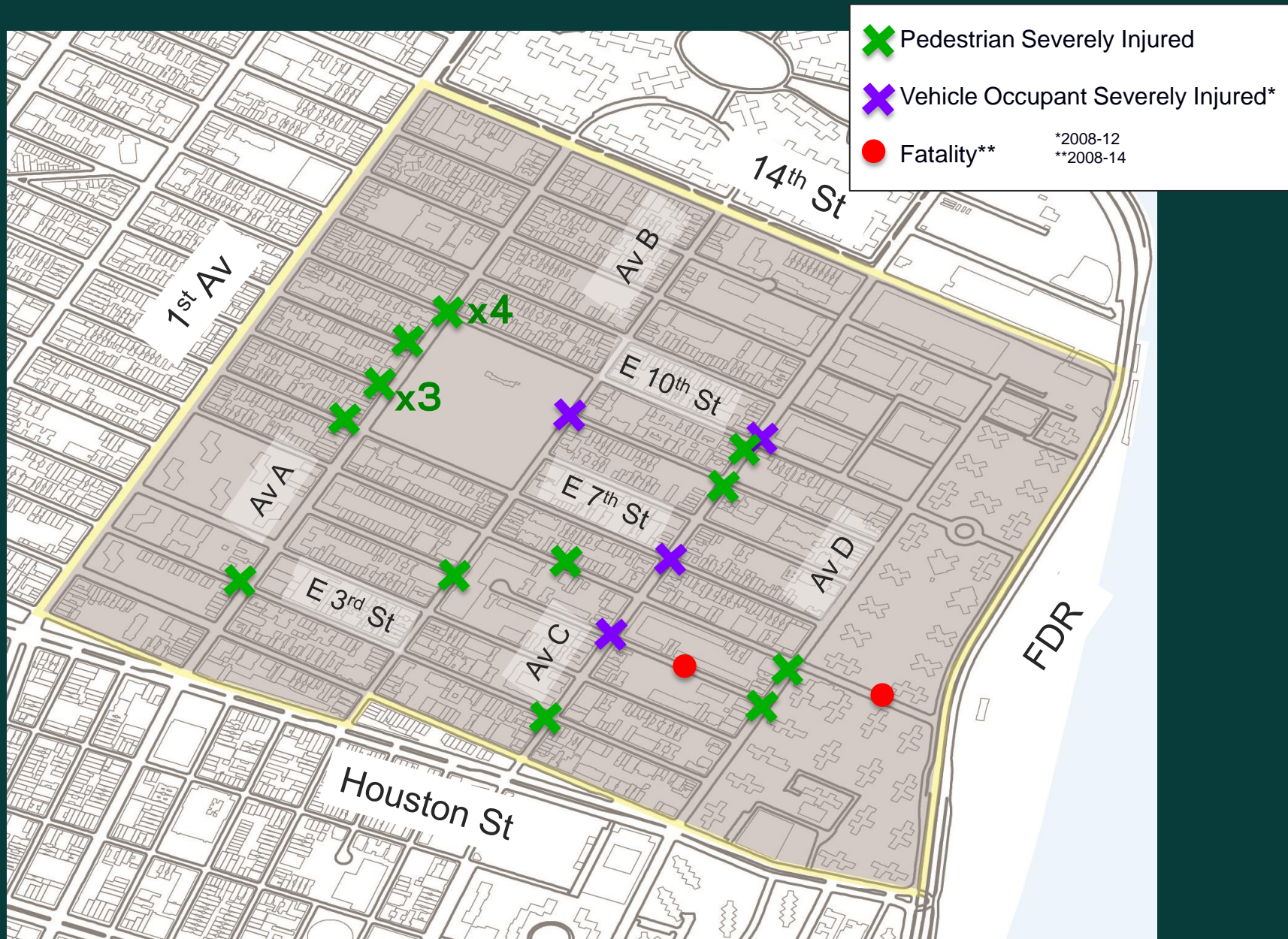
	Severe Crashes	Crash Injuries	Size
Alphabet City/Tompkins Square	6 per mile	60 per year	.38 sq mi
West Village (Proposed)	6 per mile	21 per year	.13 sq mi
Inwood (Implemented)	2 per mile	16 per year	.16 sq mi

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)	

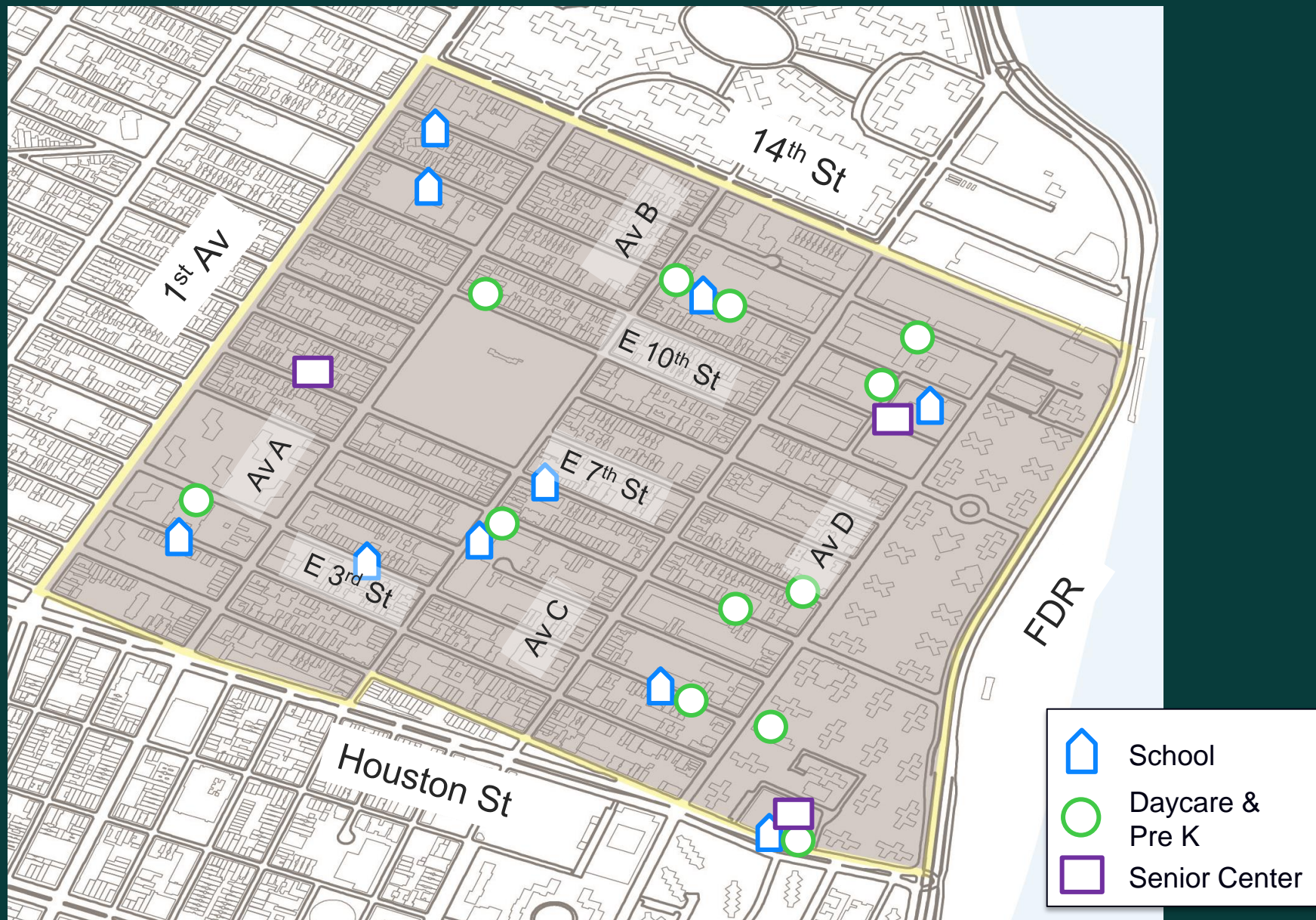
Slow Zone Analysis of Internal Streets



Severe Injuries & Fatalities








Schools and Community Resources in Slow Zone

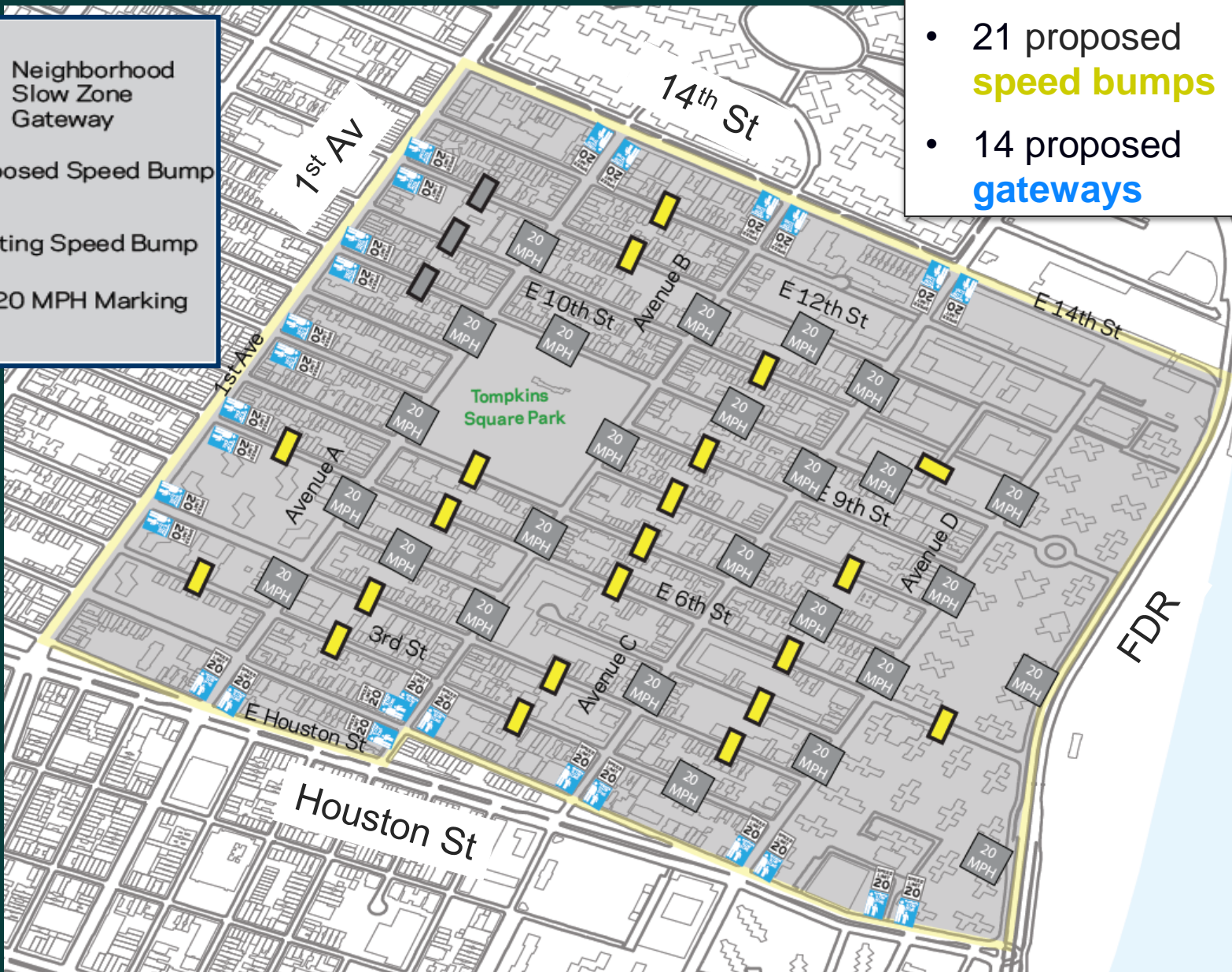


Proposed Alphabet City-Tompkins Square Slow Zone

Legend

		Neighborhood Slow Zone Gateway
		Proposed Speed Bump
		20 MPH Marking

- 21 proposed **speed bumps**
- 14 proposed **gateways**



Proposed Slow Zone



Avenue C and 2nd Street

Proposed Slow Zone



6th Street and 1st Avenue

Proposed Slow Zone



1st Ave and 4th St

Increasing Safety in Alphabet City/Tompkins Square

Local Request

- Slow Zone application submitted by the Tompkins Square Park & Playgrounds Parents' Association



Why implement?

- **16 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

